AVAILABLE LANGUAGE: IT

Regione Liguria

Provincia di Savona

Comuni di Quiliano, Altare e Mallare

"Impianto eolico di potenza nominale pari a 30 MW integrato con un sistema di accumulo di potenza nominale pari a 20 MW da realizzarsi nei Comuni di Quiliano, Altare e Mallare (SV)"

RELAZIONE PRELIMINARE DI CALCOLO DELLE FONDAZIONI AEROGENERATORE

Il tecnico

Ing. Leonardo Sblendido



REV.	DATE	DESCRIPTION	PREPARED	VERIFIED	APPROVED
00	03/12/2024	Prima emissione	E. Punturiero	D. Morelli	L. Sblendido

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1. PREMESSA

La presente relazione di calcolo preliminare delle fondazioni degli aerogeneratori, è parte integrante del progetto definitivo dell'impianto Eolico in progetto, ricadente nei comuni di Quiliano, Altare e Mallare (SV).

L'impianto eolico in progetto è costituito da 5 aerogeneratori (anche detti WTG) di potenza nominale unitaria pari a 6 MWp, per una potenza nominale complessiva pari a 30 MW. L'impianto è integrato da un sistema di accumulo di potenza nominale pari a 20 MW e corredato dalle opere di connessione e dalle infrastrutture indispensabili alla costruzione e all'esercizio dello stesso. Tutte le turbine e le opere di connessione ricadono all'interno dei confini comunali di Quiliano, Altare e Mallare, in provincia di Savona.

Per come riportato nella STMG (cod. pratica: 202402184), la centrale utente verrà collegata in antenna a 36 kV con la futura Stazione Elettrica (SE) di Trasformazione a 380/132/36 kV da inserire in entra – esce alla linea RTN a 380 kV "Magliano – Vado Ligure".

L'energia elettrica prodotta dall'impianto concorrerà al raggiungimento dell'obiettivo di incrementare la produzione di energia elettrica da fonti rinnovabili, coerentemente con gli accordi siglati a livello comunitario dall'Italia.

L'impianto sarà destinato a funzionare in parallelo alla rete elettrica nazionale, in modo da immettere energia da fonte rinnovabile in rete; l'iniziativa, oltre a contribuire al potenziamento della produzione di energia elettrica da fonte rinnovabile su territorio nazionale, sarà a servizio dei futuri fabbisogni energetici comunali.

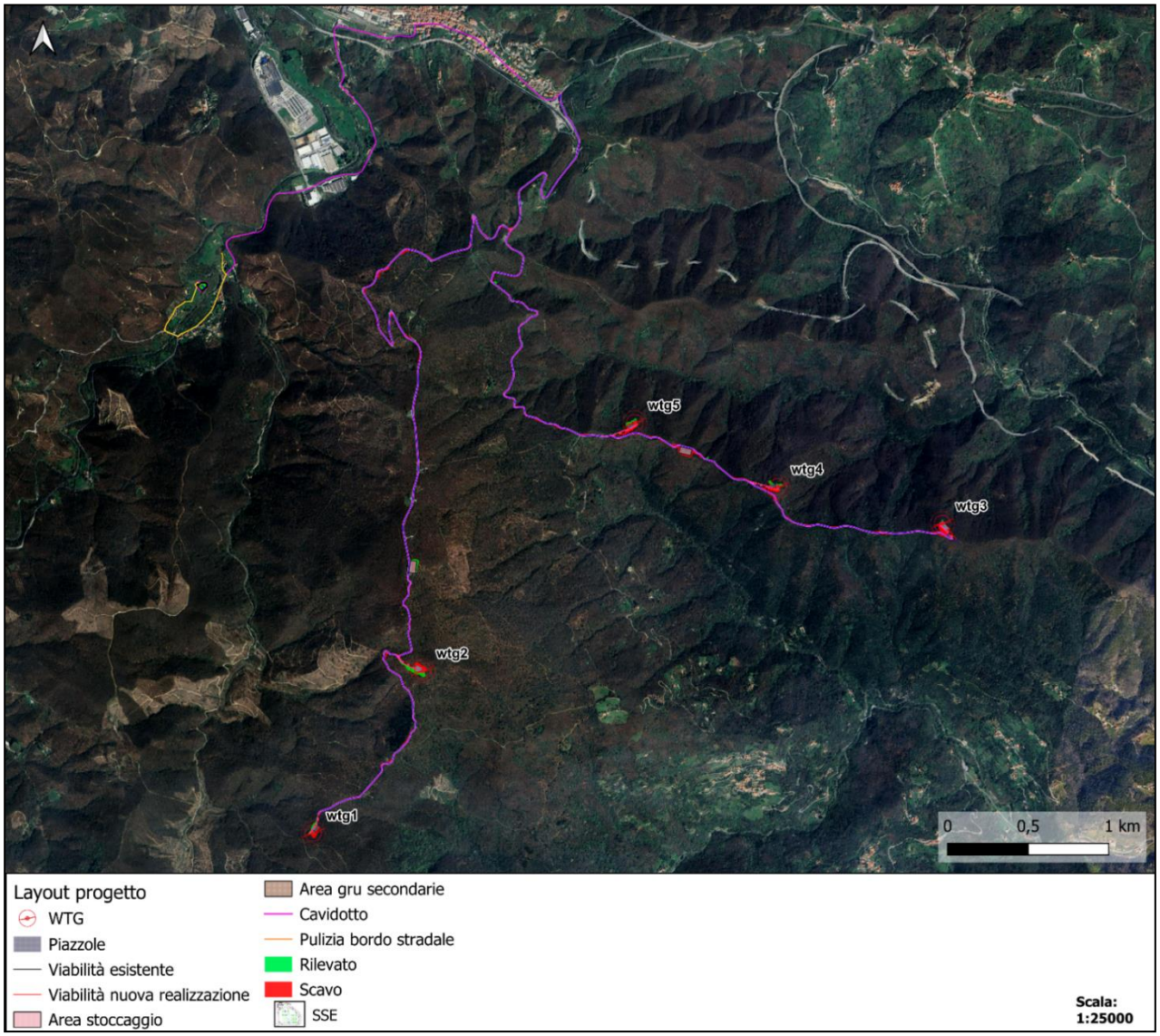


Figura 1: Inquadramento su Ortofoto degli aerogeneratori.

In fase esecutiva, le ipotesi e le prescrizioni contenute nella presente relazione dovranno essere necessariamente verificate.

2. NORMATIVA DI RIFERIMENTO

Il predimensionamento delle opere di fondazione delle apparecchiature elettromeccaniche è stato condotto in accordo alle seguenti norme:

- **Legge 5 novembre 1971 n. 1086 (G. U. 21 dicembre 1971 n. 321)**, Norme per la disciplina delle opere di conglomerato cementizio armato normale e precompresso ed a struttura metallica;
- **Legge 2 febbraio 1974 n. 64 (G. U. 21 marzo 1974 n. 76)**, Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche;

- **D. M. Infrastrutture Trasporti 17/01/2018 (G.U. 20/02/2018 n. 42 Suppl. Ord.)**, Aggiornamento delle Norme tecniche per le Costruzioni;
- **Circolare 11 febbraio 2019– n. 7/2019 del C.S.LL.PP**, Istruzioni per l'applicazione dell'aggiornamento delle "Norme tecniche per le costruzioni" di cui al decreto ministeriale 17 gennaio 2018;

3. FONDAZIONE AEROGENERATORE

L'aerogeneratore previsto ha una potenza nominale di 6 MWp con altezza al mozzo pari a 125 m. Il rotore è ad asse orizzontale ed è costituito da tre lame collegate al mozzo. Le lame sono controllate dal sistema di ottimizzazione basato sul posizionamento ottimizzato delle stesse in funzione delle varie condizioni del vento. Il diametro del rotore è pari a 150 m e verso di rotazione in senso orario con angolo di tilt pari a 6°. L'aerogeneratore ha un'altezza massima, comprensiva di pale, pari a 200 m.

Le pale sono realizzate in fibra di vetro CRP (Carbon Reinforced Plastic) e sono costituite da due gusci di aerazione legati ad un fascio di supporto o con struttura incorporata. Il mozzo è in ghisa, supporta le tre pale e trasferisce le forze reattive ai cuscinetti e alla coppia al cambio tramite l'albero principale (anch'esso in ghisa) di acciaio. L'accoppiamento rende possibile il trasferimento dalla rotazione a bassa velocità del rotore a quella ad alta velocità del generatore. Il freno a disco idraulico è posizionato nella parte posteriore del cambio.
La torre di sostegno, con altezza complessiva di circa 105 m, è del tipo tubolare.
L'aerogeneratore opera a seconda della forza del vento; al di sotto di una certa velocità, detta di cut-in, la macchina è incapace di partire; perché ci sia l'avviamento è necessario che la velocità raggiunga tale soglia che nel caso dell'aerogeneratore di progetto è pari a 3 m/s. Durante il funzionamento la velocità del vento "nominale" è la minima velocità del vento che permette alla macchina di fornire la potenza di progetto. Ad elevate velocità (25 m/s) l'aerogeneratore viene posto fuori servizio per motivi di sicurezza (velocità di cut-off).
Le sollecitazioni utilizzate per il predimensionamento delle fondazioni degli aerogeneratori prescelti sono state ricavate dal documento fornito dal costruttore. Le sollecitazioni agenti sulle fondazioni sono state calcolate in base al codice di progetto.
Inoltre viene considerata quale sollecitazione dimensionante quella relativa alle condizioni di vento estremo combinate e fornite per una turbina avente dimensioni e potenza pari a quella oggetto della presente. Dette sollecitazioni saranno trasmesse alle opere fondali tramite sistema anchor cage collegati ad un'estremità con una flangia di base ed all'altra alla flangia di base della torre eolica.

Sistema di coordinate

Il sistema di assi utilizzato per la presentazione dei carichi sul fondo della torre è illustrato in figura

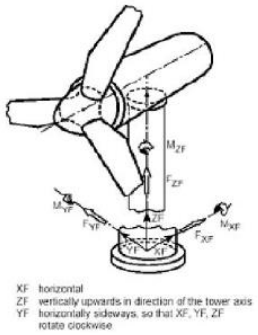


Figura 2 - Sistema di coordinate

Sistema di coordinate nella parte inferiore della torre: posizione nella parte inferiore della torre, sulla superficie superiore di flangia della sezione d'acciaio di fondazione.

Il plinto di fondazione predimensionato risulta idoneo alla trasmissione dei carichi scaturenti dalla sovrastruttura al terreno. L'effettivo dimensionamento ed il relativo calcolo analitico delle armature sono rimandati alla relazione specialistica di calcolo strutturale del futuro progetto esecutivo. Dal predimensionamento eseguito è risultato idoneo un plinto circolare con diametro esterno pari a 24.0 m e colletto di diametro pari a 6.00 m.

Il plinto presenterà altezza massima di circa 400 cm con minima zattera di circa 50 cm nella parte bassa e colletto di sormonto anch'esso avente altezza di circa 50 cm. L'area della piastra di fondazione al di là della base è coperta da materiale di recupero con massa volumica a secco di $16 - 19\ kN/m^3$. La fondazione sarà rinforzata in direzione radiale e circonferenziale con armatura metallica.

ALLEGATO 1: Tabulato di calcolo strutturale fondazione aerogeneratore

PRO_SAP

PROfessional Structural Analysis Program

Relazione 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”.

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-06-200)
Produttore- Distributore:	2S.I. Software e Servizi per l’Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi5451

Descrizione	
Progetto	-
	-
Ubicazione	Comune di QUILIANO (SV) (Regione LIGURIA)
	Località QUILIANO (SV)
	Longitudine 8.404, Latitudine 44.294
Progettista	-

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa 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” disponibile per il download sul sito: https://www.2si.it/it/prodotti/affidabilita/

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

PROGETTO
"Impianto eolico di potenza nominale pari a 30 MW integrato con un sistema di accumulo di potenza nominale pari a 20 MW da realizzarsi nei Comuni di Quiliano, Altare e Mallare (SV)"

Contenuti della relazione:
RELAZIONE DI CALCOLO STRUTTURALE
- Origine e Caratteristiche dei Codici di Calcolo
- Affidabilità dei codici utilizzati
- Validazione dei codici
- Tipo di analisi svolta
- Modalità di presentazione dei risultati
- Informazioni generali sull'elaborazione
- Giudizio motivato di accettabilità dei risultati
STAMPA DEI DATI DI INGRESSO
- Normative prese a riferimento
- Criteri adottati per le misure di sicurezza
- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni
- Interazione tra terreno e struttura
- Legami costitutivi adottati per la modellazione dei materiali e dei terreni
- Schematizzazione delle azioni, condizioni e combinazioni di carico
- Metodologie numeriche utilizzate per l' analisi strutturale
-Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali
STAMPA DEI RISULTATI

28 novembre 2024

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RELAZIONE DI CALCOLO STRUTTURALE

PREMESSA

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

DESCRIZIONE GENERALE DELL'OPERA

Descrizione generale dell'opera	
Fabbricato ad uso	
Ubicazione	Comune di QUILIANO (SV) (Regione LIGURIA)
	Località QUILIANO (SV)
	Longitudine 8.404, Latitudine 44.294
Numero di piani	Fuori terra
	Interrati
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di
Numero vani scale	
Numero vani ascensore	
Tipo di fondazione	

Principali caratteristiche della struttura	
Struttura regolare in pianta	
Struttura regolare in altezza	
Classe di duttilità	
Travi: ricalate o in spessore	
Pilastri	
Pilastri in falso	
Tipo di fondazione	
Condizioni per cui è necessario considerare la componente verticale del sisma	

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
IV	100.0	2.0	200.0

QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo “normativa di riferimento” è comunque presente l’elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l’ azione sismica	D.M. 17-01-2018

AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli “modellazione delle azioni” e “schematizzazione dei casi di carico” sono indicate le azioni sulla costruzioni.

Nel prosieguo si indicano tipo di analisi strutturale condotta (statico,dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica.*

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L’analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L’analisi strutturale è condotta con il metodo dell’analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L’analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell’ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

K * u = F dove **K** = matrice di rigidezza

u = vettore spostamenti nodali

F = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all’elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l’asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo ***TRUSS*** (biella-D2)

Elemento tipo ***BEAM*** (trave-D2)

Elemento tipo ***MEMBRANE*** (membrana-D3)

Elemento tipo ***PLATE*** (piastra-guscio-D3)

Elemento tipo ***BOUNDARY*** (molla)

Elemento tipo ***STIFFNESS*** (matrice di rigidezza)

Elemento tipo ***BRICK*** (elemento solido)

Elemento tipo ***SOLAIO*** (macro elemento composto da più membrane)

MODELLO NUMERICO

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Tipo di analisi strutturale	
Sismica statica lineare	NO
Sismica dinamica lineare	NO
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO
Analisi lineare	SI

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2024-06-200)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Codice Licenza:	Licenza dsi5451

Un attento esame preliminare della documentazione a corredo del software ***ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico***. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche. E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: https://www.2si.it/it/prodotti/affidabilita/

Modellazione della geometria e proprietà meccaniche:	
nodi	577
elementi D2 (per aste, travi, pilastri…)	0
elementi D3 (per pareti, platee, gusci…)	576
elementi solaio	0
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-1200.00
Xmax =	1200.00
Ymin =	-1200.00
Ymax =	1200.00
Zmin =	0.00
Zmax =	0.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	NO
Pareti	NO
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	NO
Gusci	NO
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO
Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	SI
Fondazioni con elementi solidi	NO

MODELLAZIONE DELLE AZIONI

Si veda il capitolo **"Schematizzazione dei casi di carico"** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte "*2.6. Azioni di progetto sulla costruzione*".

COMBINAZIONI E/O PERCORSI DI CARICO

Si veda il capitolo **"Definizione delle combinazioni"** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
SLU	SI
SLV (SLU con sisma)	NO
SLC	NO
SLD	NO
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	SI
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	NO

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

Nella presente relazione di calcolo sono riportati i seguenti risultati che il progettista ritiene di interesse per la descrizione e la compresione del/i modello/i e del comportamento della struttura:

per l'analisi modale:

- periodi dei modi di vibrare della struttura
- masse eccitate dai singoli modi
- massa eccitata totale

deformate e sollecitazioni:

- spostamenti e rotazioni dei singoli nodi della struttura
- reazioni vincolari (nel caso siano presenti nodi vincolati rigidamente)
- pressioni sul terreno (nel caso siano presenti elementi di fondazione)
- sollecitazioni sugli elementi d2 nelle combinazioni di calcolo più significative
- tensioni sugli elementi d3 nelle combinazioni di calcolo più significative

- sollecitazioni sui macroelementi da elementi d3 nelle combinazioni di calcolo più significative

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l' elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

VERIFICHE AGLI STATI LIMITE ULTIMI

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di fatica, di duttilità, di degrado.

VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

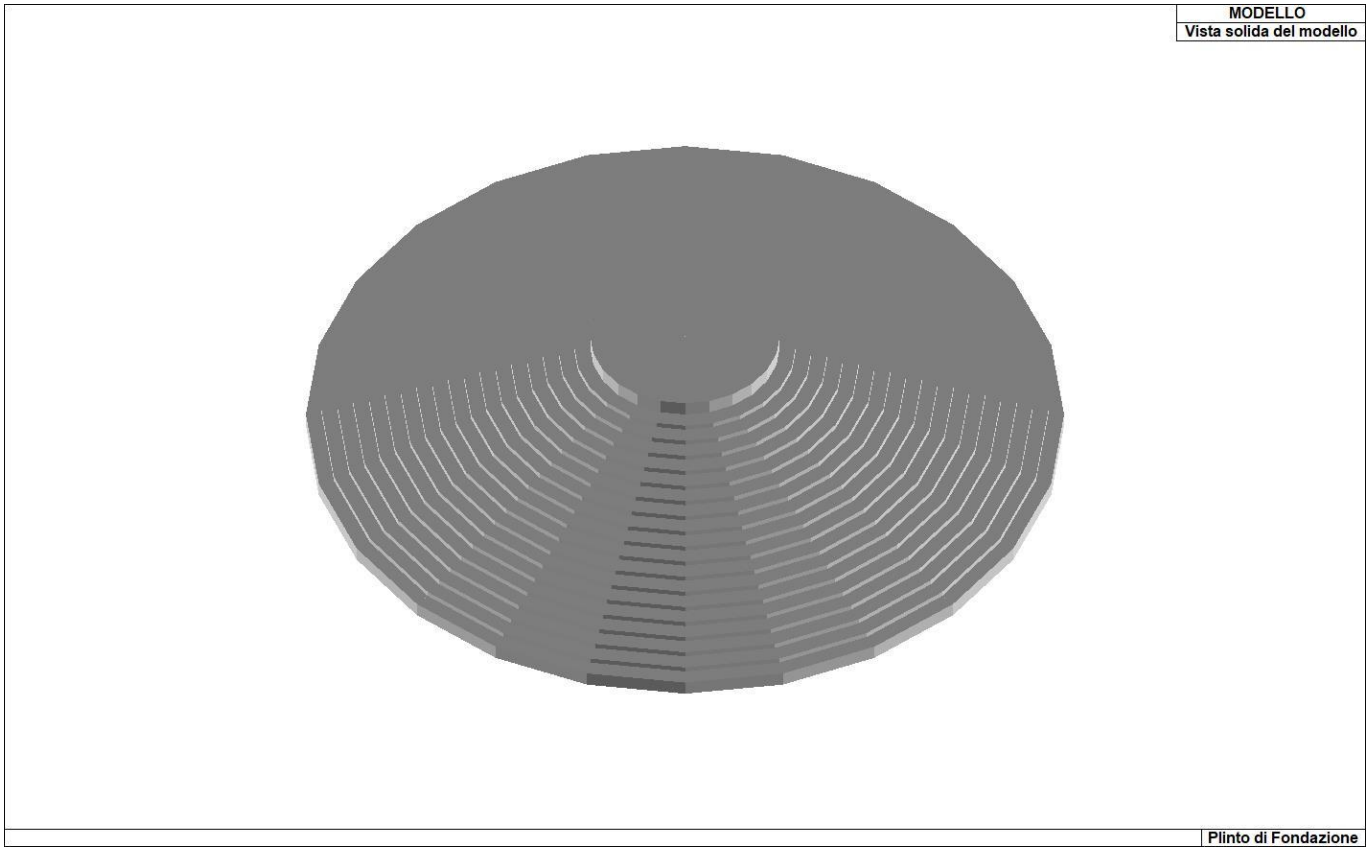
NORMATIVA DI RIFERIMENTO

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

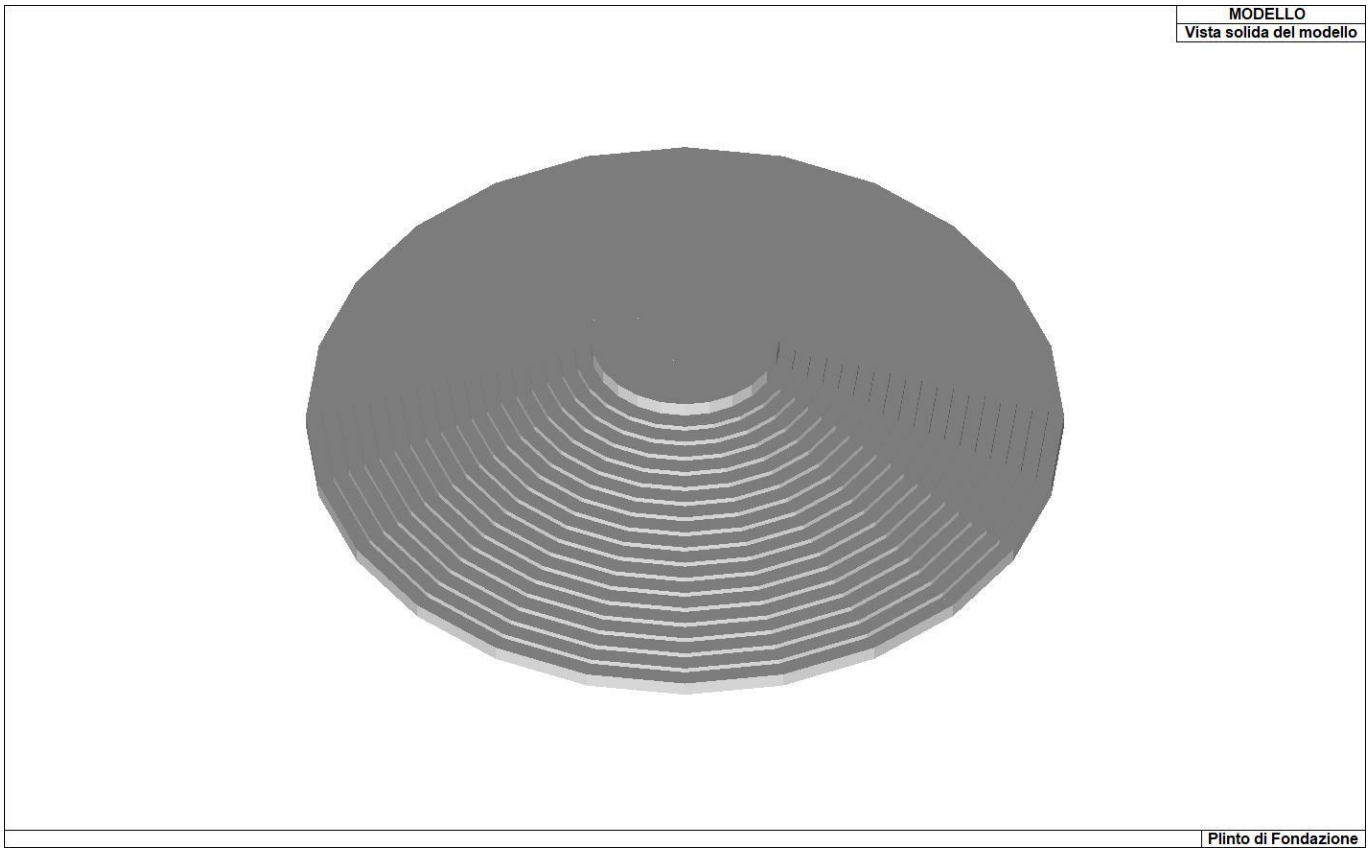
di calcolo semplificato per strutture di muratura non armata.

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.
35. CNR DT-200/2013 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzat
36. CNR DT-215/2018 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati a Matrice Inorganica

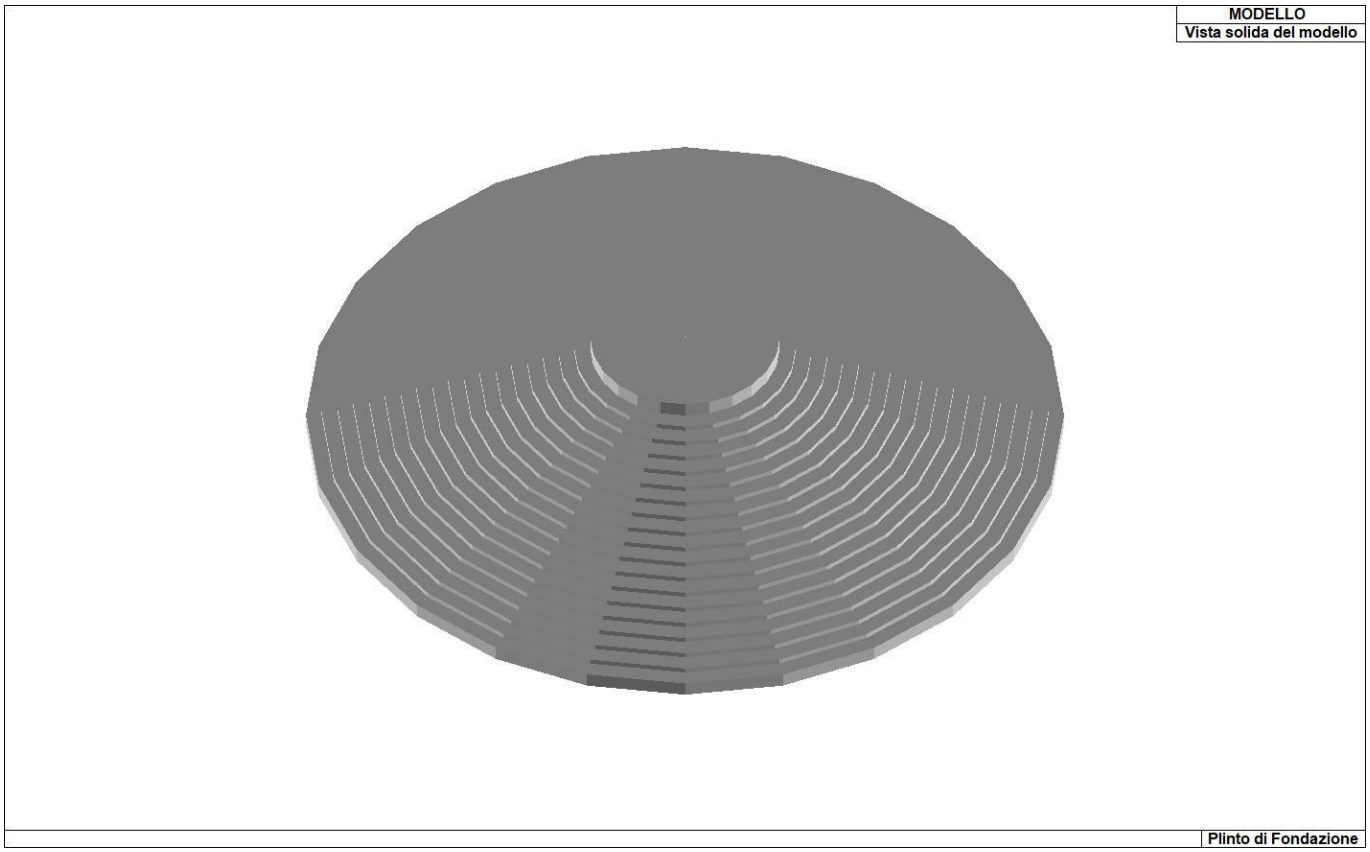
NOTA: il presente capitolo riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO".
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edifico esistente.



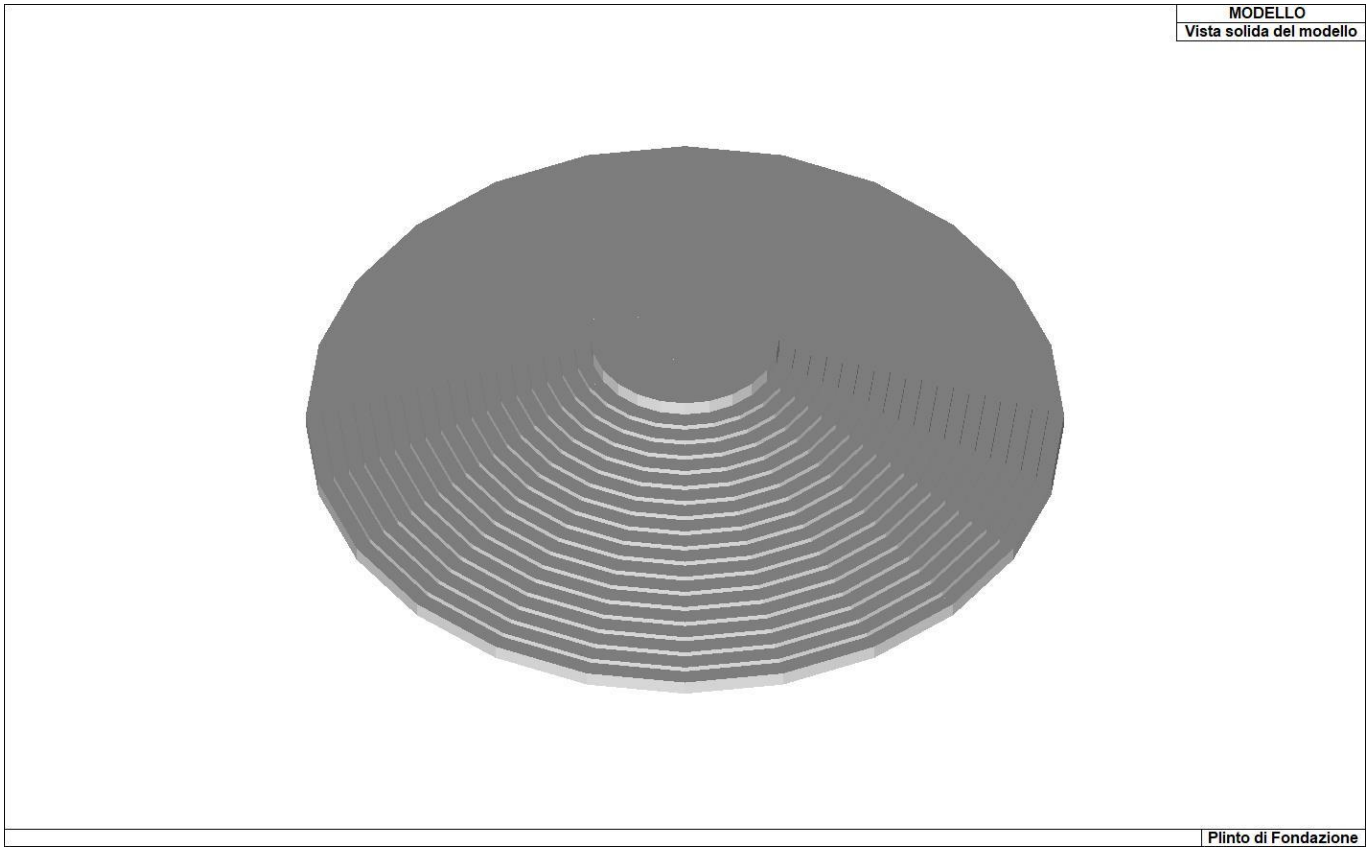
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

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

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

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

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

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

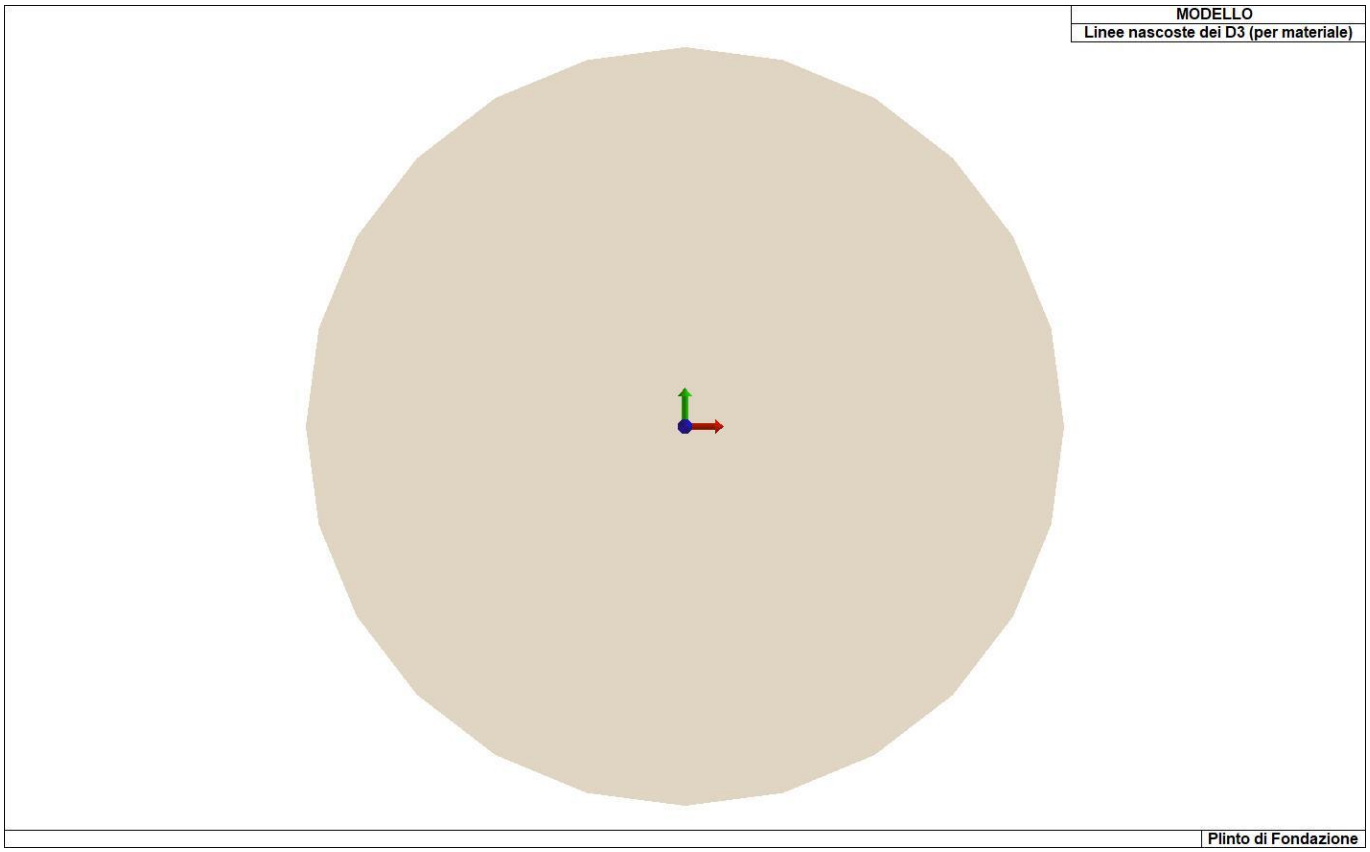
1	c.a.		
		Resistenza Rc	resistenza a cmpressione cubica
		Resistenza fctm	resistenza media a trazione semplice
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio		
		Tensione ft	Valore della tensione di rottura
		Tensione fy	Valore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

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

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP, CNR-DT 215 per interventi con FRCM)

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

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		N/mm2	N/mm2	N/mm2		N/mm2	N/mm3		
10	Calcestruzzo Classe C55/67			3.832e+04	0.20	1.597e+04	2.50e-05	1.00e-05	
	Resistenza Rc	67.0							
	Resistenza fctm		4.2						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D3

Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0			
Angolo Ax-Ay [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00			
Minima tesa	0.31	0.10	0.13	2.000e-02	0.31	0.31
	0.31	0.10	0.10			
Massima tesa	0.78	4.00	4.00	4.00	0.78	0.78
	0.78	4.00	4.00			
Maglia unica centrale	NO	NO	NO	NO	NO	NO
	NO	NO	NO			
Copriferro [cm]	2.00	5.00	2.00	2.00	2.00	2.00
	2.00	5.00	5.00			
Maglia x						
diametro	10	32	10	10	10	10
	10	32	32			
passo	20	10	20	20	20	20
	20	5	10			
diametro aggiuntivi	12	32	12	12	12	12
	12	32	32			
Maglia y						
diametro	10	32	10	10	10	10
	10	32	32			
passo	20	10	20	20	20	20
	20	5	10			
diametro aggiuntivi	12	32	12	12	12	12
	12	32	32			
Stati limite ultimi						
Tensione fy [N/mm2]	450.00	450.00	450.00	450.00	450.00	450.00
	450.00	450.00	450.00			
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C			
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15			
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50			

Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Verifiche con N costante	SI	SI	SI	SI	SI	SI
	SI	SI	SI			
Applica SLU da DIN	NO	NO	NO	NO	NO	NO
	NO	NO	NO			
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	9.75	9.75	9.75	9.75	9.75	9.75
	9.75	9.75	9.75			
Tensione amm. acciaio [N/mm2]	260.00	260.00	260.00	260.00	260.00	260.00
	260.00	260.00	260.00			
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00			
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00			
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO			
3+ estradosso	NO	NO	NO	NO	NO	NO
	NO	NO	NO			
Tempo di esposizione R	15	15	15	15	15	15
	15	15	15			

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

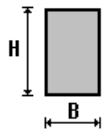
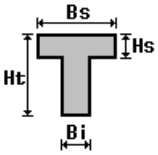
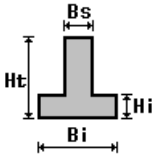
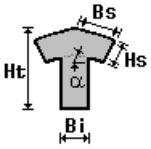
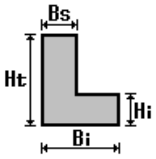
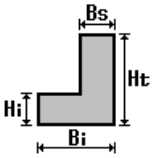
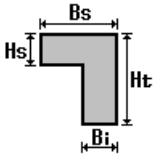
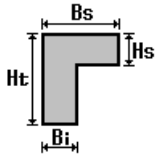
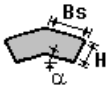
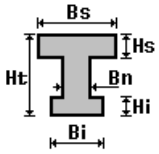
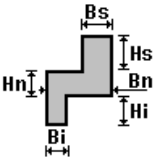
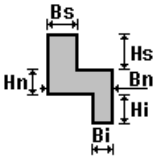
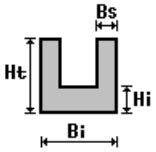
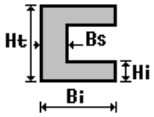
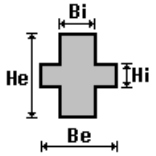
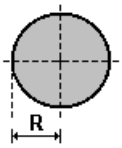
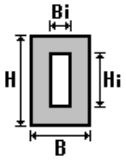
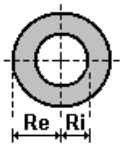
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

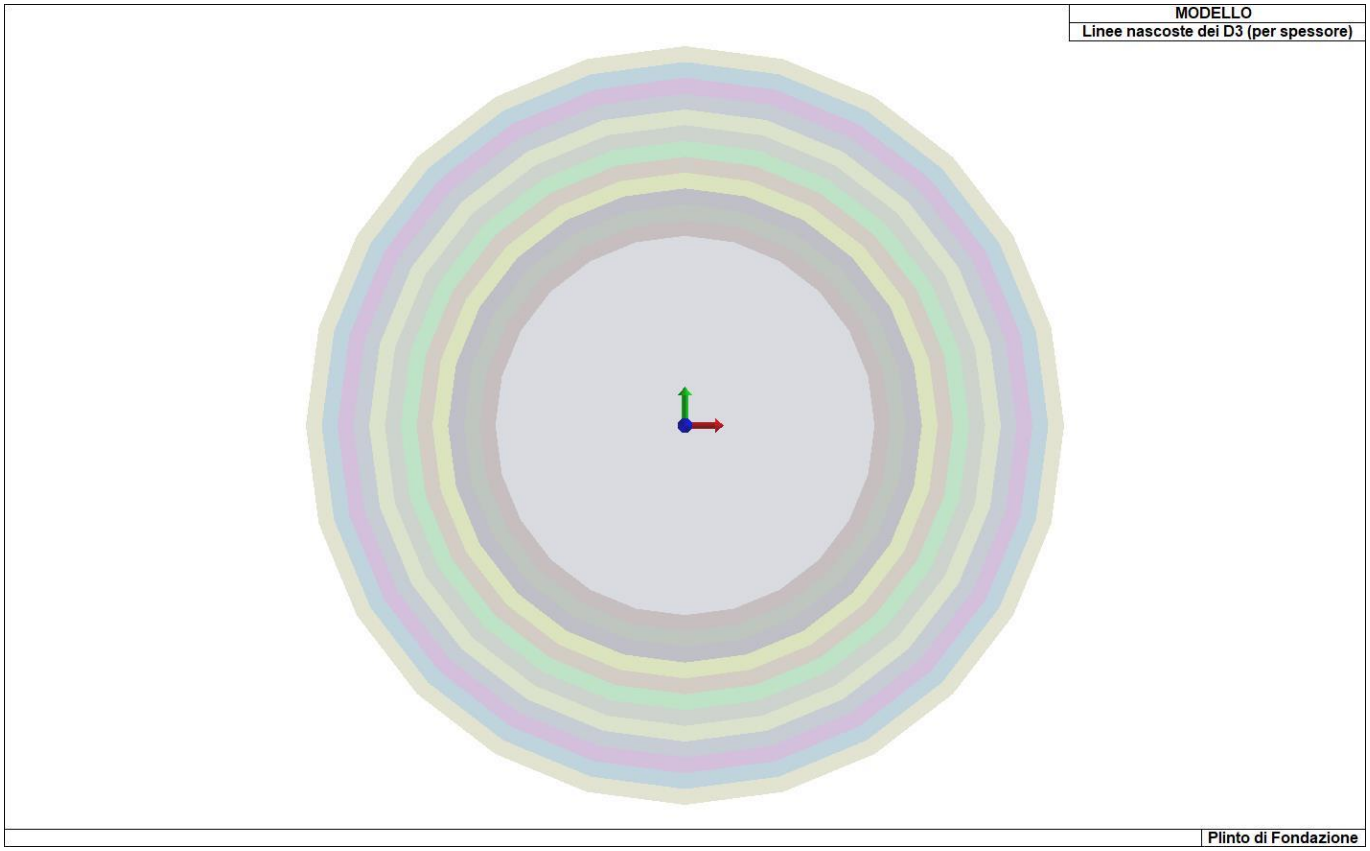
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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

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

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

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



13_MOD_SPESSORI_D3

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

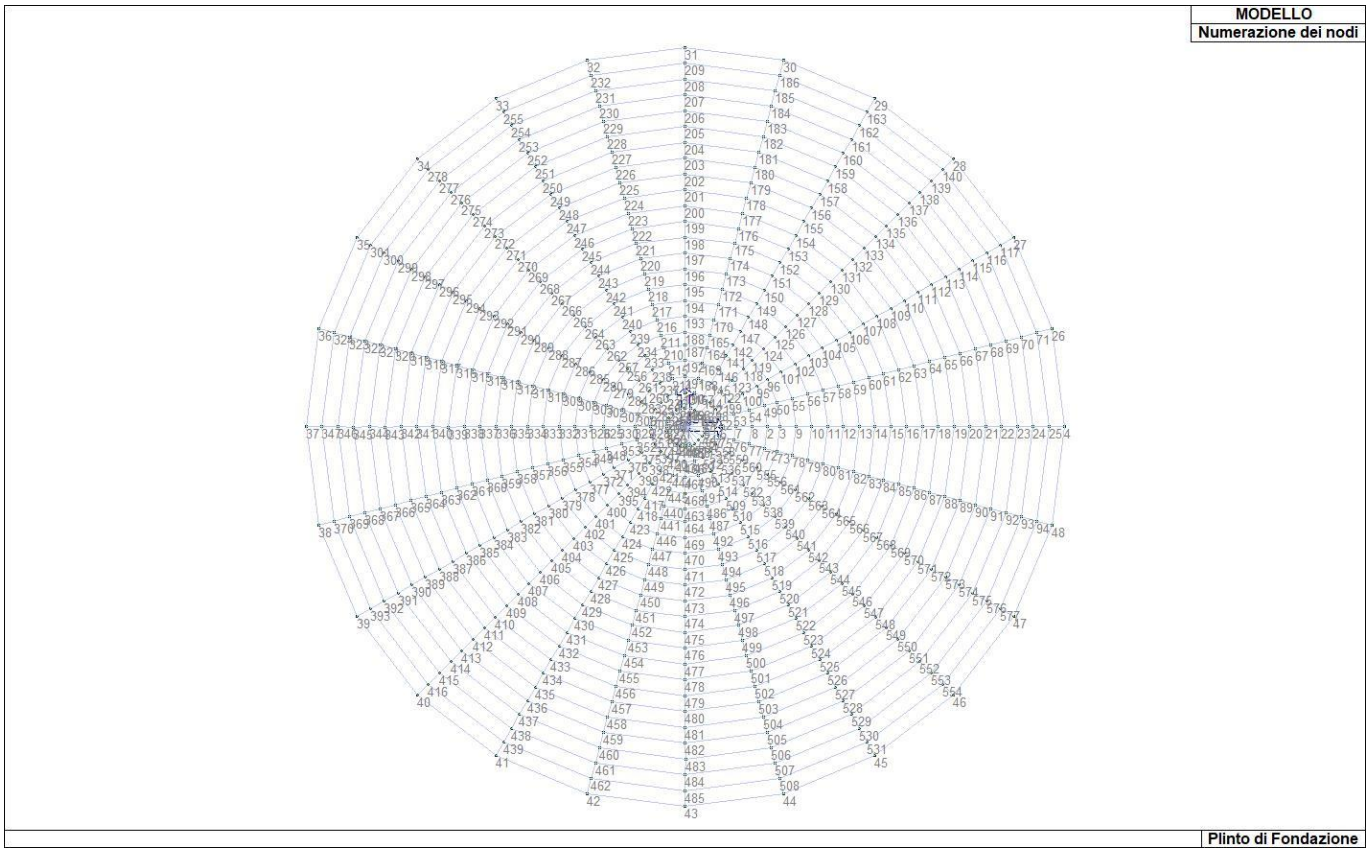
TABELLA DATI NODI

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	260.0	0.0	0.0	3	300.0	0.0	0.0
4	1200.0	0.0	0.0	5	60.0	0.0	0.0	6	110.0	0.0	0.0
7	160.0	0.0	0.0	8	210.0	0.0	0.0	9	350.0	0.0	0.0
10	400.0	0.0	0.0	11	450.0	0.0	0.0	12	500.0	0.0	0.0
13	550.0	0.0	0.0	14	600.0	0.0	0.0	15	650.0	0.0	0.0
16	700.0	0.0	0.0	17	750.0	0.0	0.0	18	800.0	0.0	0.0
19	850.0	0.0	0.0	20	900.0	0.0	0.0	21	950.0	0.0	0.0
22	1000.0	0.0	0.0	23	1050.0	0.0	0.0	24	1100.0	0.0	0.0
25	1150.0	0.0	0.0	26	1159.1	310.6	0.0	27	1039.2	600.0	0.0
28	848.5	848.5	0.0	29	600.0	1039.2	0.0	30	310.6	1159.1	0.0
31	0.0	1200.0	0.0	32	-310.6	1159.1	0.0	33	-600.0	1039.2	0.0
34	-848.5	848.5	0.0	35	-1039.2	600.0	0.0	36	-1159.1	310.6	0.0
37	-1200.0	0.0	0.0	38	-1159.1	-310.6	0.0	39	-1039.2	-600.0	0.0
40	-848.5	-848.5	0.0	41	-600.0	-1039.2	0.0	42	-310.6	-1159.1	0.0
43	0.0	-1200.0	0.0	44	310.6	-1159.1	0.0	45	600.0	-1039.2	0.0
46	848.5	-848.5	0.0	47	1039.2	-600.0	0.0	48	1159.1	-310.6	0.0
49	251.1	67.3	0.0	50	289.8	77.6	0.0	51	58.0	15.5	0.0
52	106.3	28.5	0.0	53	154.5	41.4	0.0	54	202.8	54.4	0.0

55	338.1	90.6	0.0	56	386.4	103.5	0.0	57	434.7	116.5	0.0
58	483.0	129.4	0.0	59	531.3	142.4	0.0	60	579.6	155.3	0.0
61	627.9	168.2	0.0	62	676.1	181.2	0.0	63	724.4	194.1	0.0
64	772.7	207.1	0.0	65	821.0	220.0	0.0	66	869.3	232.9	0.0
67	917.6	245.9	0.0	68	965.9	258.8	0.0	69	1014.2	271.8	0.0
70	1062.5	284.7	0.0	71	1110.8	297.6	0.0	72	251.1	-67.3	0.0
73	289.8	-77.6	0.0	74	58.0	-15.5	0.0	75	106.3	-28.5	0.0
76	154.5	-41.4	0.0	77	202.8	-54.4	0.0	78	338.1	-90.6	0.0
79	386.4	-103.5	0.0	80	434.7	-116.5	0.0	81	483.0	-129.4	0.0
82	531.3	-142.4	0.0	83	579.6	-155.3	0.0	84	627.9	-168.2	0.0
85	676.1	-181.2	0.0	86	724.4	-194.1	0.0	87	772.7	-207.1	0.0
88	821.0	-220.0	0.0	89	869.3	-232.9	0.0	90	917.6	-245.9	0.0
91	965.9	-258.8	0.0	92	1014.2	-271.8	0.0	93	1062.5	-284.7	0.0
94	1110.8	-297.6	0.0	95	225.2	130.0	0.0	96	259.8	150.0	0.0
97	52.0	30.0	0.0	98	95.3	55.0	0.0	99	138.6	80.0	0.0
100	181.9	105.0	0.0	101	303.1	175.0	0.0	102	346.4	200.0	0.0
103	389.7	225.0	0.0	104	433.0	250.0	0.0	105	476.3	275.0	0.0
106	519.6	300.0	0.0	107	562.9	325.0	0.0	108	606.2	350.0	0.0
109	649.5	375.0	0.0	110	692.8	400.0	0.0	111	736.1	425.0	0.0
112	779.4	450.0	0.0	113	822.7	475.0	0.0	114	866.0	500.0	0.0
115	909.3	525.0	0.0	116	952.6	550.0	0.0	117	995.9	575.0	0.0
118	183.8	183.8	0.0	119	212.1	212.1	0.0	120	42.4	42.4	0.0
121	77.8	77.8	0.0	122	113.1	113.1	0.0	123	148.5	148.5	0.0
124	247.5	247.5	0.0	125	282.8	282.8	0.0	126	318.2	318.2	0.0
127	353.6	353.6	0.0	128	388.9	388.9	0.0	129	424.3	424.3	0.0
130	459.6	459.6	0.0	131	495.0	495.0	0.0	132	530.3	530.3	0.0
133	565.7	565.7	0.0	134	601.0	601.0	0.0	135	636.4	636.4	0.0
136	671.8	671.8	0.0	137	707.1	707.1	0.0	138	742.5	742.5	0.0
139	777.8	777.8	0.0	140	813.2	813.2	0.0	141	130.0	225.2	0.0
142	150.0	259.8	0.0	143	30.0	52.0	0.0	144	55.0	95.3	0.0
145	80.0	138.6	0.0	146	105.0	181.9	0.0	147	175.0	303.1	0.0
148	200.0	346.4	0.0	149	225.0	389.7	0.0	150	250.0	433.0	0.0
151	275.0	476.3	0.0	152	300.0	519.6	0.0	153	325.0	562.9	0.0
154	350.0	606.2	0.0	155	375.0	649.5	0.0	156	400.0	692.8	0.0
157	425.0	736.1	0.0	158	450.0	779.4	0.0	159	475.0	822.7	0.0
160	500.0	866.0	0.0	161	525.0	909.3	0.0	162	550.0	952.6	0.0
163	575.0	995.9	0.0	164	67.3	251.1	0.0	165	77.6	289.8	0.0
166	15.5	58.0	0.0	167	28.5	106.3	0.0	168	41.4	154.5	0.0
169	54.4	202.8	0.0	170	90.6	338.1	0.0	171	103.5	386.4	0.0
172	116.5	434.7	0.0	173	129.4	483.0	0.0	174	142.4	531.3	0.0
175	155.3	579.6	0.0	176	168.2	627.9	0.0	177	181.2	676.1	0.0
178	194.1	724.4	0.0	179	207.1	772.7	0.0	180	220.0	821.0	0.0
181	232.9	869.3	0.0	182	245.9	917.6	0.0	183	258.8	965.9	0.0
184	271.8	1014.2	0.0	185	284.7	1062.5	0.0	186	297.6	1110.8	0.0
187	0.0	260.0	0.0	188	0.0	300.0	0.0	189	0.0	60.0	0.0
190	0.0	110.0	0.0	191	0.0	160.0	0.0	192	0.0	210.0	0.0
193	0.0	350.0	0.0	194	0.0	400.0	0.0	195	0.0	450.0	0.0
196	0.0	500.0	0.0	197	0.0	550.0	0.0	198	0.0	600.0	0.0
199	0.0	650.0	0.0	200	0.0	700.0	0.0	201	0.0	750.0	0.0
202	0.0	800.0	0.0	203	0.0	850.0	0.0	204	0.0	900.0	0.0
205	0.0	950.0	0.0	206	0.0	1000.0	0.0	207	0.0	1050.0	0.0
208	0.0	1100.0	0.0	209	0.0	1150.0	0.0	210	-67.3	251.1	0.0
211	-77.6	289.8	0.0	212	-15.5	58.0	0.0	213	-28.5	106.3	0.0
214	-41.4	154.5	0.0	215	-54.4	202.8	0.0	216	-90.6	338.1	0.0
217	-103.5	386.4	0.0	218	-116.5	434.7	0.0	219	-129.4	483.0	0.0
220	-142.4	531.3	0.0	221	-155.3	579.6	0.0	222	-168.2	627.9	0.0
223	-181.2	676.1	0.0	224	-194.1	724.4	0.0	225	-207.1	772.7	0.0
226	-220.0	821.0	0.0	227	-232.9	869.3	0.0	228	-245.9	917.6	0.0
229	-258.8	965.9	0.0	230	-271.8	1014.2	0.0	231	-284.7	1062.5	0.0
232	-297.6	1110.8	0.0	233	-130.0	225.2	0.0	234	-150.0	259.8	0.0
235	-30.0	52.0	0.0	236	-55.0	95.3	0.0	237	-80.0	138.6	0.0
238	-105.0	181.9	0.0	239	-175.0	303.1	0.0	240	-200.0	346.4	0.0
241	-225.0	389.7	0.0	242	-250.0	433.0	0.0	243	-275.0	476.3	0.0
244	-300.0	519.6	0.0	245	-325.0	562.9	0.0	246	-350.0	606.2	0.0
247	-375.0	649.5	0.0	248	-400.0	692.8	0.0	249	-425.0	736.1	0.0
250	-450.0	779.4	0.0	251	-475.0	822.7	0.0	252	-500.0	866.0	0.0
253	-525.0	909.3	0.0	254	-550.0	952.6	0.0	255	-575.0	995.9	0.0
256	-183.8	183.8	0.0	257	-212.1	212.1	0.0	258	-42.4	42.4	0.0
259	-77.8	77.8	0.0	260	-113.1	113.1	0.0	261	-148.5	148.5	0.0
262	-247.5	247.5	0.0	263	-282.8	282.8	0.0	264	-318.2	318.2	0.0
265	-353.6	353.6	0.0	266	-388.9	388.9	0.0	267	-424.3	424.3	0.0
268	-459.6	459.6	0.0	269	-495.0	495.0	0.0	270	-530.3	530.3	0.0
271	-565.7	565.7	0.0	272	-601.0	601.0	0.0	273	-636.4	636.4	0.0
274	-671.8	671.8	0.0	275	-707.1	707.1	0.0	276	-742.5	742.5	0.0
277	-777.8	777.8	0.0	278	-813.2	813.2	0.0	279	-225.2	130.0	0.0
280	-259.8	150.0	0.0	281	-52.0	30.0	0.0	282	-95.3	55.0	0.0
283	-138.6	80.0	0.0	284	-181.9	105.0	0.0	285	-303.1	175.0	0.0

286	-346.4	200.0	0.0	287	-389.7	225.0	0.0	288	-433.0	250.0	0.0
289	-476.3	275.0	0.0	290	-519.6	300.0	0.0	291	-562.9	325.0	0.0
292	-606.2	350.0	0.0	293	-649.5	375.0	0.0	294	-692.8	400.0	0.0
295	-736.1	425.0	0.0	296	-779.4	450.0	0.0	297	-822.7	475.0	0.0
298	-866.0	500.0	0.0	299	-909.3	525.0	0.0	300	-952.6	550.0	0.0
301	-995.9	575.0	0.0	302	-251.1	67.3	0.0	303	-289.8	77.6	0.0
304	-58.0	15.5	0.0	305	-106.3	28.5	0.0	306	-154.5	41.4	0.0
307	-202.8	54.4	0.0	308	-338.1	90.6	0.0	309	-386.4	103.5	0.0
310	-434.7	116.5	0.0	311	-483.0	129.4	0.0	312	-531.3	142.4	0.0
313	-579.6	155.3	0.0	314	-627.9	168.2	0.0	315	-676.1	181.2	0.0
316	-724.4	194.1	0.0	317	-772.7	207.1	0.0	318	-821.0	220.0	0.0
319	-869.3	232.9	0.0	320	-917.6	245.9	0.0	321	-965.9	258.8	0.0
322	-1014.2	271.8	0.0	323	-1062.5	284.7	0.0	324	-1110.8	297.6	0.0
325	-260.0	0.0	0.0	326	-300.0	0.0	0.0	327	-60.0	0.0	0.0
328	-110.0	0.0	0.0	329	-160.0	0.0	0.0	330	-210.0	0.0	0.0
331	-350.0	0.0	0.0	332	-400.0	0.0	0.0	333	-450.0	0.0	0.0
334	-500.0	0.0	0.0	335	-550.0	0.0	0.0	336	-600.0	0.0	0.0
337	-650.0	0.0	0.0	338	-700.0	0.0	0.0	339	-750.0	0.0	0.0
340	-800.0	0.0	0.0	341	-850.0	0.0	0.0	342	-900.0	0.0	0.0
343	-950.0	0.0	0.0	344	-1000.0	0.0	0.0	345	-1050.0	0.0	0.0
346	-1100.0	0.0	0.0	347	-1150.0	0.0	0.0	348	-251.1	-67.3	0.0
349	-289.8	-77.6	0.0	350	-58.0	-15.5	0.0	351	-106.3	-28.5	0.0
352	-154.5	-41.4	0.0	353	-202.8	-54.4	0.0	354	-338.1	-90.6	0.0
355	-386.4	-103.5	0.0	356	-434.7	-116.5	0.0	357	-483.0	-129.4	0.0
358	-531.3	-142.4	0.0	359	-579.6	-155.3	0.0	360	-627.9	-168.2	0.0
361	-676.1	-181.2	0.0	362	-724.4	-194.1	0.0	363	-772.7	-207.1	0.0
364	-821.0	-220.0	0.0	365	-869.3	-232.9	0.0	366	-917.6	-245.9	0.0
367	-965.9	-258.8	0.0	368	-1014.2	-271.8	0.0	369	-1062.5	-284.7	0.0
370	-1110.8	-297.6	0.0	371	-225.2	-130.0	0.0	372	-259.8	-150.0	0.0
373	-52.0	-30.0	0.0	374	-95.3	-55.0	0.0	375	-138.6	-80.0	0.0
376	-181.9	-105.0	0.0	377	-303.1	-175.0	0.0	378	-346.4	-200.0	0.0
379	-389.7	-225.0	0.0	380	-433.0	-250.0	0.0	381	-476.3	-275.0	0.0
382	-519.6	-300.0	0.0	383	-562.9	-325.0	0.0	384	-606.2	-350.0	0.0
385	-649.5	-375.0	0.0	386	-692.8	-400.0	0.0	387	-736.1	-425.0	0.0
388	-779.4	-450.0	0.0	389	-822.7	-475.0	0.0	390	-866.0	-500.0	0.0
391	-909.3	-525.0	0.0	392	-952.6	-550.0	0.0	393	-995.9	-575.0	0.0
394	-183.8	-183.8	0.0	395	-212.1	-212.1	0.0	396	-42.4	-42.4	0.0
397	-77.8	-77.8	0.0	398	-113.1	-113.1	0.0	399	-148.5	-148.5	0.0
400	-247.5	-247.5	0.0	401	-282.8	-282.8	0.0	402	-318.2	-318.2	0.0
403	-353.6	-353.6	0.0	404	-388.9	-388.9	0.0	405	-424.3	-424.3	0.0
406	-459.6	-459.6	0.0	407	-495.0	-495.0	0.0	408	-530.3	-530.3	0.0
409	-565.7	-565.7	0.0	410	-601.0	-601.0	0.0	411	-636.4	-636.4	0.0
412	-671.8	-671.8	0.0	413	-707.1	-707.1	0.0	414	-742.5	-742.5	0.0
415	-777.8	-777.8	0.0	416	-813.2	-813.2	0.0	417	-130.0	-225.2	0.0
418	-150.0	-259.8	0.0	419	-30.0	-52.0	0.0	420	-55.0	-95.3	0.0
421	-80.0	-138.6	0.0	422	-105.0	-181.9	0.0	423	-175.0	-303.1	0.0
424	-200.0	-346.4	0.0	425	-225.0	-389.7	0.0	426	-250.0	-433.0	0.0
427	-275.0	-476.3	0.0	428	-300.0	-519.6	0.0	429	-325.0	-562.9	0.0
430	-350.0	-606.2	0.0	431	-375.0	-649.5	0.0	432	-400.0	-692.8	0.0
433	-425.0	-736.1	0.0	434	-450.0	-779.4	0.0	435	-475.0	-822.7	0.0
436	-500.0	-866.0	0.0	437	-525.0	-909.3	0.0	438	-550.0	-952.6	0.0
439	-575.0	-995.9	0.0	440	-67.3	-251.1	0.0	441	-77.6	-289.8	0.0
442	-15.5	-58.0	0.0	443	-28.5	-106.3	0.0	444	-41.4	-154.5	0.0
445	-54.4	-202.8	0.0	446	-90.6	-338.1	0.0	447	-103.5	-386.4	0.0
448	-116.5	-434.7	0.0	449	-129.4	-483.0	0.0	450	-142.4	-531.3	0.0
451	-155.3	-579.6	0.0	452	-168.2	-627.9	0.0	453	-181.2	-676.1	0.0
454	-194.1	-724.4	0.0	455	-207.1	-772.7	0.0	456	-220.0	-821.0	0.0
457	-232.9	-869.3	0.0	458	-245.9	-917.6	0.0	459	-258.8	-965.9	0.0
460	-271.8	-1014.2	0.0	461	-284.7	-1062.5	0.0	462	-297.6	-1110.8	0.0
463	0.0	-260.0	0.0	464	0.0	-300.0	0.0	465	0.0	-60.0	0.0
466	0.0	-110.0	0.0	467	0.0	-160.0	0.0	468	0.0	-210.0	0.0
469	0.0	-350.0	0.0	470	0.0	-400.0	0.0	471	0.0	-450.0	0.0
472	0.0	-500.0	0.0	473	0.0	-550.0	0.0	474	0.0	-600.0	0.0
475	0.0	-650.0	0.0	476	0.0	-700.0	0.0	477	0.0	-750.0	0.0
478	0.0	-800.0	0.0	479	0.0	-850.0	0.0	480	0.0	-900.0	0.0
481	0.0	-950.0	0.0	482	0.0	-1000.0	0.0	483	0.0	-1050.0	0.0
484	0.0	-1100.0	0.0	485	0.0	-1150.0	0.0	486	67.3	-251.1	0.0
487	77.6	-289.8	0.0	488	15.5	-58.0	0.0	489	28.5	-106.3	0.0
490	41.4	-154.5	0.0	491	54.4	-202.8	0.0	492	90.6	-338.1	0.0
493	103.5	-386.4	0.0	494	116.5	-434.7	0.0	495	129.4	-483.0	0.0
496	142.4	-531.3	0.0	497	155.3	-579.6	0.0	498	168.2	-627.9	0.0
499	181.2	-676.1	0.0	500	194.1	-724.4	0.0	501	207.1	-772.7	0.0
502	220.0	-821.0	0.0	503	232.9	-869.3	0.0	504	245.9	-917.6	0.0
505	258.8	-965.9	0.0	506	271.8	-1014.2	0.0	507	284.7	-1062.5	0.0
508	297.6	-1110.8	0.0	509	130.0	-225.2	0.0	510	150.0	-259.8	0.0
511	30.0	-52.0	0.0	512	55.0	-95.3	0.0	513	80.0	-138.6	0.0
514	105.0	-181.9	0.0	515	175.0	-303.1	0.0	516	200.0	-346.4	0.0

517	225.0	-389.7	0.0	518	250.0	-433.0	0.0	519	275.0	-476.3	0.0
520	300.0	-519.6	0.0	521	325.0	-562.9	0.0	522	350.0	-606.2	0.0
523	375.0	-649.5	0.0	524	400.0	-692.8	0.0	525	425.0	-736.1	0.0
526	450.0	-779.4	0.0	527	475.0	-822.7	0.0	528	500.0	-866.0	0.0
529	525.0	-909.3	0.0	530	550.0	-952.6	0.0	531	575.0	-995.9	0.0
532	183.8	-183.8	0.0	533	212.1	-212.1	0.0	534	42.4	-42.4	0.0
535	77.8	-77.8	0.0	536	113.1	-113.1	0.0	537	148.5	-148.5	0.0
538	247.5	-247.5	0.0	539	282.8	-282.8	0.0	540	318.2	-318.2	0.0
541	353.6	-353.6	0.0	542	388.9	-388.9	0.0	543	424.3	-424.3	0.0
544	459.6	-459.6	0.0	545	495.0	-495.0	0.0	546	530.3	-530.3	0.0
547	565.7	-565.7	0.0	548	601.0	-601.0	0.0	549	636.4	-636.4	0.0
550	671.8	-671.8	0.0	551	707.1	-707.1	0.0	552	742.5	-742.5	0.0
553	777.8	-777.8	0.0	554	813.2	-813.2	0.0	555	225.2	-130.0	0.0
556	259.8	-150.0	0.0	557	52.0	-30.0	0.0	558	95.3	-55.0	0.0
559	138.6	-80.0	0.0	560	181.9	-105.0	0.0	561	303.1	-175.0	0.0
562	346.4	-200.0	0.0	563	389.7	-225.0	0.0	564	433.0	-250.0	0.0
565	476.3	-275.0	0.0	566	519.6	-300.0	0.0	567	562.9	-325.0	0.0
568	606.2	-350.0	0.0	569	649.5	-375.0	0.0	570	692.8	-400.0	0.0
571	736.1	-425.0	0.0	572	779.4	-450.0	0.0	573	822.7	-475.0	0.0
574	866.0	-500.0	0.0	575	909.3	-525.0	0.0	576	952.6	-550.0	0.0
577	995.9	-575.0	0.0								

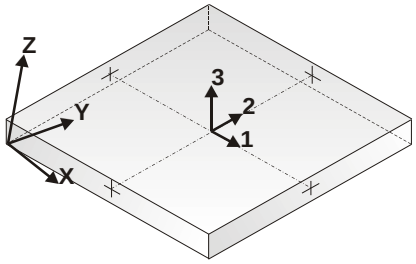


14_MOD_NUMERAZIONE_NODI

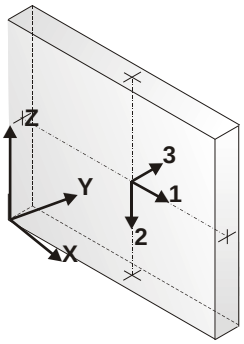
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

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

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore	Svincolo	Wink V	Wink O
								cm		daN/cm3	daN/cm3
1	Guscio fond.	1	5	51		10	8	400.0		192.73	74.07
2	Guscio fond.	5	6	52	51	10	8	400.0		192.73	74.07
3	Guscio fond.	6	7	53	52	10	8	400.0		192.73	74.07
4	Guscio fond.	7	8	54	53	10	8	400.0		192.73	74.07
5	Guscio fond.	8	2	49	54	10	8	400.0		192.73	74.07
6	Guscio fond.	2	3	50	49	10	8	400.0		192.73	74.07
7	Guscio fond.	3	9	55	50	10	8	350.0		312.25	120.01
8	Guscio fond.	9	10	56	55	10	8	332.4		291.89	112.18
9	Guscio fond.	10	11	57	56	10	8	314.7		274.92	105.66
10	Guscio fond.	11	12	58	57	10	8	297.1		261.21	100.39
11	Guscio fond.	12	13	59	58	10	9	279.4		248.63	95.56
12	Guscio fond.	13	14	60	59	10	9	261.8		238.23	91.56
13	Guscio fond.	14	15	61	60	10	9	244.1		228.98	88.01
14	Guscio fond.	15	16	62	61	10	9	226.4		220.68	84.82
15	Guscio fond.	16	17	63	62	10	9	208.8		213.72	82.14
16	Guscio fond.	17	18	64	63	10	9	191.2		206.86	79.50
17	Guscio fond.	18	19	65	64	10	9	173.5		201.06	77.28
18	Guscio fond.	19	20	66	65	10	9	155.8		195.24	75.04
19	Guscio fond.	20	21	67	66	10	9	138.2		190.31	73.14
20	Guscio fond.	21	22	68	67	10	9	120.5		185.73	71.38
21	Guscio fond.	22	23	69	68	10	9	102.9		181.45	69.74
22	Guscio fond.	23	24	70	69	10	9	85.2		177.03	68.04
23	Guscio fond.	24	25	71	70	10	9	67.6		173.28	66.60
24	Guscio fond.	25	4	26	71	10	9	50.0		169.74	65.24
25	Guscio fond.	1	51	97		10	8	400.0		192.73	74.07
26	Guscio fond.	51	52	98	97	10	8	400.0		192.73	74.07
27	Guscio fond.	52	53	99	98	10	8	400.0		192.73	74.07
28	Guscio fond.	53	54	100	99	10	8	400.0		192.73	74.07
29	Guscio fond.	54	49	95	100	10	8	400.0		192.73	74.07
30	Guscio fond.	49	50	96	95	10	8	400.0		192.73	74.07
31	Guscio fond.	50	55	101	96	10	8	350.0		312.25	120.01
32	Guscio fond.	55	56	102	101	10	8	332.4		291.89	112.18
33	Guscio fond.	56	57	103	102	10	8	314.7		274.92	105.66
34	Guscio fond.	57	58	104	103	10	8	297.1		261.21	100.39
35	Guscio fond.	58	59	105	104	10	9	279.4		248.63	95.56
36	Guscio fond.	59	60	106	105	10	9	261.8		238.23	91.56
37	Guscio fond.	60	61	107	106	10	9	244.1		228.98	88.01
38	Guscio fond.	61	62	108	107	10	9	226.4		220.68	84.82
39	Guscio fond.	62	63	109	108	10	9	208.8		213.72	82.14
40	Guscio fond.	63	64	110	109	10	9	191.2		206.86	79.50
41	Guscio fond.	64	65	111	110	10	9	173.5		201.06	77.28
42	Guscio fond.	65	66	112	111	10	9	155.8		195.24	75.04
43	Guscio fond.	66	67	113	112	10	9	138.2		190.31	73.14
44	Guscio fond.	67	68	114	113	10	9	120.5		185.73	71.38
45	Guscio fond.	68	69	115	114	10	9	102.9		181.45	69.74
46	Guscio fond.	69	70	116	115	10	9	85.2		177.03	68.04
47	Guscio fond.	70	71	117	116	10	9	67.6		173.28	66.60
48	Guscio fond.	71	26	27	117	10	9	50.0		169.74	65.24
49	Guscio fond.	1	97	120		10	8	400.0		192.73	74.07
50	Guscio fond.	97	98	121	120	10	8	400.0		192.73	74.07
51	Guscio fond.	98	99	122	121	10	8	400.0		192.73	74.07
52	Guscio fond.	99	100	123	122	10	8	400.0		192.73	74.07
53	Guscio fond.	100	95	118	123	10	8	400.0		192.73	74.07
54	Guscio fond.	95	96	119	118	10	8	400.0		192.73	74.07
55	Guscio fond.	96	101	124	119	10	8	350.0		312.25	120.01
56	Guscio fond.	101	102	125	124	10	8	332.4		291.89	112.18
57	Guscio fond.	102	103	126	125	10	8	314.7		274.92	105.66
58	Guscio fond.	103	104	127	126	10	8	297.1		261.21	100.39
59	Guscio fond.	104	105	128	127	10	9	279.4		248.63	95.56
60	Guscio fond.	105	106	129	128	10	9	261.8		238.23	91.56
61	Guscio fond.	106	107	130	129	10	9	244.1		228.98	88.01
62	Guscio fond.	107	108	131	130	10	9	226.4		220.68	84.82
63	Guscio fond.	108	109	132	131	10	9	208.8		213.72	82.14
64	Guscio fond.	109	110	133	132	10	9	191.2		206.86	79.50
65	Guscio fond.	110	111	134	133	10	9	173.5		201.06	77.28
66	Guscio fond.	111	112	135	134	10	9	155.8		195.24	75.04
67	Guscio fond.	112	113	136	135	10	9	138.2		190.31	73.14
68	Guscio fond.	113	114	137	136	10	9	120.5		185.73	71.38
69	Guscio fond.	114	115	138	137	10	9	102.9		181.45	69.74
70	Guscio fond.	115	116	139	138	10	9	85.2		177.03	68.04
71	Guscio fond.	116	117	140	139	10	9	67.6		173.28	66.60
72	Guscio fond.	117	27	28	140	10	9	50.0		169.74	65.24
73	Guscio fond.	1	120	143		10	8	400.0		192.73	74.07

74Guscio fond.	143	120	121	144	10	8	400.0	192.73	74.07
75Guscio fond.	144	121	122	145	10	8	400.0	192.73	74.07
76Guscio fond.	145	122	123	146	10	8	400.0	192.73	74.07
77Guscio fond.	146	123	118	141	10	8	400.0	192.73	74.07
78Guscio fond.	141	118	119	142	10	8	400.0	192.73	74.07
79Guscio fond.	142	119	124	147	10	8	350.0	312.25	120.01
80Guscio fond.	147	124	125	148	10	8	332.4	291.89	112.18
81Guscio fond.	148	125	126	149	10	8	314.7	274.92	105.66
82Guscio fond.	149	126	127	150	10	8	297.1	261.21	100.39
83Guscio fond.	150	127	128	151	10	9	279.4	248.63	95.56
84Guscio fond.	151	128	129	152	10	9	261.8	238.23	91.56
85Guscio fond.	152	129	130	153	10	9	244.1	228.98	88.01
86Guscio fond.	153	130	131	154	10	9	226.4	220.68	84.82
87Guscio fond.	154	131	132	155	10	9	208.8	213.72	82.14
88Guscio fond.	155	132	133	156	10	9	191.2	206.86	79.50
89Guscio fond.	156	133	134	157	10	9	173.5	201.06	77.28
90Guscio fond.	157	134	135	158	10	9	155.8	195.24	75.04
91Guscio fond.	158	135	136	159	10	9	138.2	190.31	73.14
92Guscio fond.	159	136	137	160	10	9	120.5	185.73	71.38
93Guscio fond.	160	137	138	161	10	9	102.9	181.45	69.74
94Guscio fond.	161	138	139	162	10	9	85.2	177.03	68.04
95Guscio fond.	162	139	140	163	10	9	67.6	173.28	66.60
96Guscio fond.	163	140	28	29	10	9	50.0	169.74	65.24
97Guscio fond.	1	143	166		10	8	400.0	192.73	74.07
98Guscio fond.	166	143	144	167	10	8	400.0	192.73	74.07
99Guscio fond.	167	144	145	168	10	8	400.0	192.73	74.07
100Guscio fond.	168	145	146	169	10	8	400.0	192.73	74.07
101Guscio fond.	169	146	141	164	10	8	400.0	192.73	74.07
102Guscio fond.	164	141	142	165	10	8	400.0	192.73	74.07
103Guscio fond.	165	142	147	170	10	8	350.0	312.25	120.01
104Guscio fond.	170	147	148	171	10	8	332.4	291.89	112.18
105Guscio fond.	171	148	149	172	10	8	314.7	274.92	105.66
106Guscio fond.	172	149	150	173	10	8	297.1	261.21	100.39
107Guscio fond.	173	150	151	174	10	9	279.4	248.63	95.56
108Guscio fond.	174	151	152	175	10	9	261.8	238.23	91.56
109Guscio fond.	175	152	153	176	10	9	244.1	228.98	88.01
110Guscio fond.	176	153	154	177	10	9	226.4	220.68	84.82
111Guscio fond.	177	154	155	178	10	9	208.8	213.72	82.14
112Guscio fond.	178	155	156	179	10	9	191.2	206.86	79.50
113Guscio fond.	179	156	157	180	10	9	173.5	201.06	77.28
114Guscio fond.	180	157	158	181	10	9	155.8	195.24	75.04
115Guscio fond.	181	158	159	182	10	9	138.2	190.31	73.14
116Guscio fond.	182	159	160	183	10	9	120.5	185.73	71.38
117Guscio fond.	183	160	161	184	10	9	102.9	181.45	69.74
118Guscio fond.	184	161	162	185	10	9	85.2	177.03	68.04
119Guscio fond.	185	162	163	186	10	9	67.6	173.28	66.60
120Guscio fond.	186	163	29	30	10	9	50.0	169.74	65.24
121Guscio fond.	189	1	166		10	8	400.0	192.73	74.07
122Guscio fond.	189	166	167	190	10	8	400.0	192.73	74.07
123Guscio fond.	190	167	168	191	10	8	400.0	192.73	74.07
124Guscio fond.	191	168	169	192	10	8	400.0	192.73	74.07
125Guscio fond.	192	169	164	187	10	8	400.0	192.73	74.07
126Guscio fond.	187	164	165	188	10	8	400.0	192.73	74.07
127Guscio fond.	188	165	170	193	10	8	350.0	312.25	120.01
128Guscio fond.	193	170	171	194	10	8	332.4	291.89	112.18
129Guscio fond.	194	171	172	195	10	8	314.7	274.92	105.66
130Guscio fond.	195	172	173	196	10	8	297.1	261.21	100.39
131Guscio fond.	196	173	174	197	10	9	279.4	248.63	95.56
132Guscio fond.	197	174	175	198	10	9	261.8	238.23	91.56
133Guscio fond.	198	175	176	199	10	9	244.1	228.98	88.01
134Guscio fond.	199	176	177	200	10	9	226.4	220.68	84.82
135Guscio fond.	200	177	178	201	10	9	208.8	213.72	82.14
136Guscio fond.	201	178	179	202	10	9	191.2	206.86	79.50
137Guscio fond.	202	179	180	203	10	9	173.5	201.06	77.28
138Guscio fond.	203	180	181	204	10	9	155.8	195.24	75.04
139Guscio fond.	204	181	182	205	10	9	138.2	190.31	73.14
140Guscio fond.	205	182	183	206	10	9	120.5	185.73	71.38
141Guscio fond.	206	183	184	207	10	9	102.9	181.45	69.74
142Guscio fond.	207	184	185	208	10	9	85.2	177.03	68.04
143Guscio fond.	208	185	186	209	10	9	67.6	173.28	66.60
144Guscio fond.	209	186	30	31	10	9	50.0	169.74	65.24
145Guscio fond.	212	1	189		10	8	400.0	192.73	74.07
146Guscio fond.	212	189	190	213	10	8	400.0	192.73	74.07
147Guscio fond.	213	190	191	214	10	8	400.0	192.73	74.07
148Guscio fond.	214	191	192	215	10	8	400.0	192.73	74.07
149Guscio fond.	215	192	187	210	10	8	400.0	192.73	74.07
150Guscio fond.	210	187	188	211	10	8	400.0	192.73	74.07

151Guscio fond.	211	188	193	216	10	8	350.0	312.25	120.01
152Guscio fond.	216	193	194	217	10	8	332.4	291.89	112.18
153Guscio fond.	217	194	195	218	10	8	314.7	274.92	105.66
154Guscio fond.	218	195	196	219	10	8	297.1	261.21	100.39
155Guscio fond.	219	196	197	220	10	9	279.4	248.63	95.56
156Guscio fond.	220	197	198	221	10	9	261.8	238.23	91.56
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159Guscio fond.	223	200	201	224	10	9	208.8	213.72	82.14
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161Guscio fond.	225	202	203	226	10	9	173.5	201.06	77.28
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163Guscio fond.	227	204	205	228	10	9	138.2	190.31	73.14
164Guscio fond.	228	205	206	229	10	9	120.5	185.73	71.38
165Guscio fond.	229	206	207	230	10	9	102.9	181.45	69.74
166Guscio fond.	230	207	208	231	10	9	85.2	177.03	68.04
167Guscio fond.	231	208	209	232	10	9	67.6	173.28	66.60
168Guscio fond.	232	209	31	32	10	9	50.0	169.74	65.24
169Guscio fond.	235	1	212		10	8	400.0	192.73	74.07
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171Guscio fond.	236	213	214	237	10	8	400.0	192.73	74.07
172Guscio fond.	237	214	215	238	10	8	400.0	192.73	74.07
173Guscio fond.	238	215	210	233	10	8	400.0	192.73	74.07
174Guscio fond.	233	210	211	234	10	8	400.0	192.73	74.07
175Guscio fond.	234	211	216	239	10	8	350.0	312.25	120.01
176Guscio fond.	239	216	217	240	10	8	332.4	291.89	112.18
177Guscio fond.	240	217	218	241	10	8	314.7	274.92	105.66
178Guscio fond.	241	218	219	242	10	8	297.1	261.21	100.39
179Guscio fond.	242	219	220	243	10	9	279.4	248.63	95.56
180Guscio fond.	243	220	221	244	10	9	261.8	238.23	91.56
181Guscio fond.	244	221	222	245	10	9	244.1	228.98	88.01
182Guscio fond.	245	222	223	246	10	9	226.4	220.68	84.82
183Guscio fond.	246	223	224	247	10	9	208.8	213.72	82.14
184Guscio fond.	247	224	225	248	10	9	191.2	206.86	79.50
185Guscio fond.	248	225	226	249	10	9	173.5	201.06	77.28
186Guscio fond.	249	226	227	250	10	9	155.8	195.24	75.04
187Guscio fond.	250	227	228	251	10	9	138.2	190.31	73.14
188Guscio fond.	251	228	229	252	10	9	120.5	185.73	71.38
189Guscio fond.	252	229	230	253	10	9	102.9	181.45	69.74
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191Guscio fond.	254	231	232	255	10	9	67.6	173.28	66.60
192Guscio fond.	255	232	32	33	10	9	50.0	169.74	65.24
193Guscio fond.	258	1	235		10	8	400.0	192.73	74.07
194Guscio fond.	258	235	236	259	10	8	400.0	192.73	74.07
195Guscio fond.	259	236	237	260	10	8	400.0	192.73	74.07
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199Guscio fond.	257	234	239	262	10	8	350.0	312.25	120.01
200Guscio fond.	262	239	240	263	10	8	332.4	291.89	112.18
201Guscio fond.	263	240	241	264	10	8	314.7	274.92	105.66
202Guscio fond.	264	241	242	265	10	8	297.1	261.21	100.39
203Guscio fond.	265	242	243	266	10	9	279.4	248.63	95.56
204Guscio fond.	266	243	244	267	10	9	261.8	238.23	91.56
205Guscio fond.	267	244	245	268	10	9	244.1	228.98	88.01
206Guscio fond.	268	245	246	269	10	9	226.4	220.68	84.82
207Guscio fond.	269	246	247	270	10	9	208.8	213.72	82.14
208Guscio fond.	270	247	248	271	10	9	191.2	206.86	79.50
209Guscio fond.	271	248	249	272	10	9	173.5	201.06	77.28
210Guscio fond.	272	249	250	273	10	9	155.8	195.24	75.04
211Guscio fond.	273	250	251	274	10	9	138.2	190.31	73.14
212Guscio fond.	274	251	252	275	10	9	120.5	185.73	71.38
213Guscio fond.	275	252	253	276	10	9	102.9	181.45	69.74
214Guscio fond.	276	253	254	277	10	9	85.2	177.03	68.04
215Guscio fond.	277	254	255	278	10	9	67.6	173.28	66.60
216Guscio fond.	278	255	33	34	10	9	50.0	169.74	65.24
217Guscio fond.	281	1	258		10	8	400.0	192.73	74.07
218Guscio fond.	282	281	258	259	10	8	400.0	192.73	74.07
219Guscio fond.	283	282	259	260	10	8	400.0	192.73	74.07
220Guscio fond.	284	283	260	261	10	8	400.0	192.73	74.07
221Guscio fond.	279	284	261	256	10	8	400.0	192.73	74.07
222Guscio fond.	280	279	256	257	10	8	400.0	192.73	74.07
223Guscio fond.	285	280	257	262	10	8	350.0	312.25	120.01
224Guscio fond.	286	285	262	263	10	8	332.4	291.89	112.18
225Guscio fond.	287	286	263	264	10	8	314.7	274.92	105.66
226Guscio fond.	288	287	264	265	10	8	297.1	261.21	100.39
227Guscio fond.	289	288	265	266	10	9	279.4	248.63	95.56

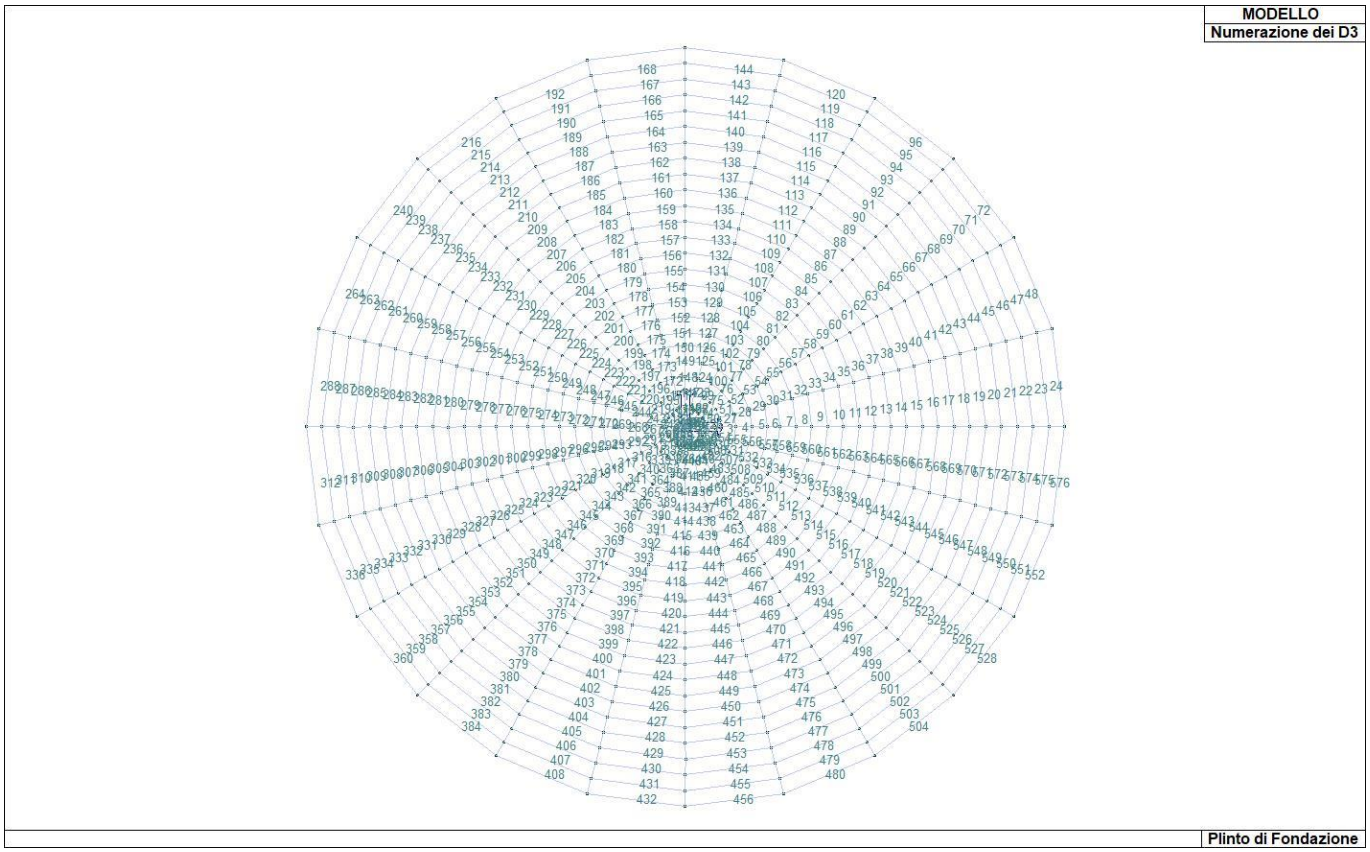
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231Guscio fond.	293	292	269	270	10	9	208.8	213.72	82.14
232Guscio fond.	294	293	270	271	10	9	191.2	206.86	79.50
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234Guscio fond.	296	295	272	273	10	9	155.8	195.24	75.04
235Guscio fond.	297	296	273	274	10	9	138.2	190.31	73.14
236Guscio fond.	298	297	274	275	10	9	120.5	185.73	71.38
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240Guscio fond.	35	301	278	34	10	9	50.0	169.74	65.24
241Guscio fond.	304	1	281		10	8	400.0	192.73	74.07
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251Guscio fond.	312	311	288	289	10	9	279.4	248.63	95.56
252Guscio fond.	313	312	289	290	10	9	261.8	238.23	91.56
253Guscio fond.	314	313	290	291	10	9	244.1	228.98	88.01
254Guscio fond.	315	314	291	292	10	9	226.4	220.68	84.82
255Guscio fond.	316	315	292	293	10	9	208.8	213.72	82.14
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257Guscio fond.	318	317	294	295	10	9	173.5	201.06	77.28
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259Guscio fond.	320	319	296	297	10	9	138.2	190.31	73.14
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270Guscio fond.	326	325	302	303	10	8	400.0	192.73	74.07
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273Guscio fond.	333	332	309	310	10	8	314.7	274.92	105.66
274Guscio fond.	334	333	310	311	10	8	297.1	261.21	100.39
275Guscio fond.	335	334	311	312	10	9	279.4	248.63	95.56
276Guscio fond.	336	335	312	313	10	9	261.8	238.23	91.56
277Guscio fond.	337	336	313	314	10	9	244.1	228.98	88.01
278Guscio fond.	338	337	314	315	10	9	226.4	220.68	84.82
279Guscio fond.	339	338	315	316	10	9	208.8	213.72	82.14
280Guscio fond.	340	339	316	317	10	9	191.2	206.86	79.50
281Guscio fond.	341	340	317	318	10	9	173.5	201.06	77.28
282Guscio fond.	342	341	318	319	10	9	155.8	195.24	75.04
283Guscio fond.	343	342	319	320	10	9	138.2	190.31	73.14
284Guscio fond.	344	343	320	321	10	9	120.5	185.73	71.38
285Guscio fond.	345	344	321	322	10	9	102.9	181.45	69.74
286Guscio fond.	346	345	322	323	10	9	85.2	177.03	68.04
287Guscio fond.	347	346	323	324	10	9	67.6	173.28	66.60
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291Guscio fond.	352	351	328	329	10	8	400.0	192.73	74.07
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293Guscio fond.	348	353	330	325	10	8	400.0	192.73	74.07
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295Guscio fond.	354	349	326	331	10	8	350.0	312.25	120.01
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297Guscio fond.	356	355	332	333	10	8	314.7	274.92	105.66
298Guscio fond.	357	356	333	334	10	8	297.1	261.21	100.39
299Guscio fond.	358	357	334	335	10	9	279.4	248.63	95.56
300Guscio fond.	359	358	335	336	10	9	261.8	238.23	91.56
301Guscio fond.	360	359	336	337	10	9	244.1	228.98	88.01
302Guscio fond.	361	360	337	338	10	9	226.4	220.68	84.82
303Guscio fond.	362	361	338	339	10	9	208.8	213.72	82.14
304Guscio fond.	363	362	339	340	10	9	191.2	206.86	79.50

305Guscio fond.	364	363	340	341	10	9	173.5	201.06	77.28
306Guscio fond.	365	364	341	342	10	9	155.8	195.24	75.04
307Guscio fond.	366	365	342	343	10	9	138.2	190.31	73.14
308Guscio fond.	367	366	343	344	10	9	120.5	185.73	71.38
309Guscio fond.	368	367	344	345	10	9	102.9	181.45	69.74
310Guscio fond.	369	368	345	346	10	9	85.2	177.03	68.04
311Guscio fond.	370	369	346	347	10	9	67.6	173.28	66.60
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321Guscio fond.	379	378	355	356	10	8	314.7	274.92	105.66
322Guscio fond.	380	379	356	357	10	8	297.1	261.21	100.39
323Guscio fond.	381	380	357	358	10	9	279.4	248.63	95.56
324Guscio fond.	382	381	358	359	10	9	261.8	238.23	91.56
325Guscio fond.	383	382	359	360	10	9	244.1	228.98	88.01
326Guscio fond.	384	383	360	361	10	9	226.4	220.68	84.82
327Guscio fond.	385	384	361	362	10	9	208.8	213.72	82.14
328Guscio fond.	386	385	362	363	10	9	191.2	206.86	79.50
329Guscio fond.	387	386	363	364	10	9	173.5	201.06	77.28
330Guscio fond.	388	387	364	365	10	9	155.8	195.24	75.04
331Guscio fond.	389	388	365	366	10	9	138.2	190.31	73.14
332Guscio fond.	390	389	366	367	10	9	120.5	185.73	71.38
333Guscio fond.	391	390	367	368	10	9	102.9	181.45	69.74
334Guscio fond.	392	391	368	369	10	9	85.2	177.03	68.04
335Guscio fond.	393	392	369	370	10	9	67.6	173.28	66.60
336Guscio fond.	39	393	370	38	10	9	50.0	169.74	65.24
337Guscio fond.	373	396	1		10	8	400.0	192.73	74.07
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345Guscio fond.	402	401	378	379	10	8	314.7	274.92	105.66
346Guscio fond.	403	402	379	380	10	8	297.1	261.21	100.39
347Guscio fond.	404	403	380	381	10	9	279.4	248.63	95.56
348Guscio fond.	405	404	381	382	10	9	261.8	238.23	91.56
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352Guscio fond.	409	408	385	386	10	9	191.2	206.86	79.50
353Guscio fond.	410	409	386	387	10	9	173.5	201.06	77.28
354Guscio fond.	411	410	387	388	10	9	155.8	195.24	75.04
355Guscio fond.	412	411	388	389	10	9	138.2	190.31	73.14
356Guscio fond.	413	412	389	390	10	9	120.5	185.73	71.38
357Guscio fond.	414	413	390	391	10	9	102.9	181.45	69.74
358Guscio fond.	415	414	391	392	10	9	85.2	177.03	68.04
359Guscio fond.	416	415	392	393	10	9	67.6	173.28	66.60
360Guscio fond.	40	416	393	39	10	9	50.0	169.74	65.24
361Guscio fond.	396	419	1		10	8	400.0	192.73	74.07
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364Guscio fond.	399	422	421	398	10	8	400.0	192.73	74.07
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366Guscio fond.	395	418	417	394	10	8	400.0	192.73	74.07
367Guscio fond.	400	423	418	395	10	8	350.0	312.25	120.01
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369Guscio fond.	402	425	424	401	10	8	314.7	274.92	105.66
370Guscio fond.	403	426	425	402	10	8	297.1	261.21	100.39
371Guscio fond.	404	427	426	403	10	9	279.4	248.63	95.56
372Guscio fond.	405	428	427	404	10	9	261.8	238.23	91.56
373Guscio fond.	406	429	428	405	10	9	244.1	228.98	88.01
374Guscio fond.	407	430	429	406	10	9	226.4	220.68	84.82
375Guscio fond.	408	431	430	407	10	9	208.8	213.72	82.14
376Guscio fond.	409	432	431	408	10	9	191.2	206.86	79.50
377Guscio fond.	410	433	432	409	10	9	173.5	201.06	77.28
378Guscio fond.	411	434	433	410	10	9	155.8	195.24	75.04
379Guscio fond.	412	435	434	411	10	9	138.2	190.31	73.14
380Guscio fond.	413	436	435	412	10	9	120.5	185.73	71.38
381Guscio fond.	414	437	436	413	10	9	102.9	181.45	69.74

382Guscio fond.	415	438	437	414	10	9	85.2	177.03	68.04
383Guscio fond.	416	439	438	415	10	9	67.6	173.28	66.60
384Guscio fond.	40	41	439	416	10	9	50.0	169.74	65.24
385Guscio fond.	419	442	1		10	8	400.0	192.73	74.07
386Guscio fond.	420	443	442	419	10	8	400.0	192.73	74.07
387Guscio fond.	421	444	443	420	10	8	400.0	192.73	74.07
388Guscio fond.	422	445	444	421	10	8	400.0	192.73	74.07
389Guscio fond.	417	440	445	422	10	8	400.0	192.73	74.07
390Guscio fond.	418	441	440	417	10	8	400.0	192.73	74.07
391Guscio fond.	423	446	441	418	10	8	350.0	312.25	120.01
392Guscio fond.	424	447	446	423	10	8	332.4	291.89	112.18
393Guscio fond.	425	448	447	424	10	8	314.7	274.92	105.66
394Guscio fond.	426	449	448	425	10	8	297.1	261.21	100.39
395Guscio fond.	427	450	449	426	10	9	279.4	248.63	95.56
396Guscio fond.	428	451	450	427	10	9	261.8	238.23	91.56
397Guscio fond.	429	452	451	428	10	9	244.1	228.98	88.01
398Guscio fond.	430	453	452	429	10	9	226.4	220.68	84.82
399Guscio fond.	431	454	453	430	10	9	208.8	213.72	82.14
400Guscio fond.	432	455	454	431	10	9	191.2	206.86	79.50
401Guscio fond.	433	456	455	432	10	9	173.5	201.06	77.28
402Guscio fond.	434	457	456	433	10	9	155.8	195.24	75.04
403Guscio fond.	435	458	457	434	10	9	138.2	190.31	73.14
404Guscio fond.	436	459	458	435	10	9	120.5	185.73	71.38
405Guscio fond.	437	460	459	436	10	9	102.9	181.45	69.74
406Guscio fond.	438	461	460	437	10	9	85.2	177.03	68.04
407Guscio fond.	439	462	461	438	10	9	67.6	173.28	66.60
408Guscio fond.	41	42	462	439	10	9	50.0	169.74	65.24
409Guscio fond.	442	465	1		10	8	400.0	192.73	74.07
410Guscio fond.	443	466	465	442	10	8	400.0	192.73	74.07
411Guscio fond.	444	467	466	443	10	8	400.0	192.73	74.07
412Guscio fond.	445	468	467	444	10	8	400.0	192.73	74.07
413Guscio fond.	440	463	468	445	10	8	400.0	192.73	74.07
414Guscio fond.	441	464	463	440	10	8	400.0	192.73	74.07
415Guscio fond.	446	469	464	441	10	8	350.0	312.25	120.01
416Guscio fond.	447	470	469	446	10	8	332.4	291.89	112.18
417Guscio fond.	448	471	470	447	10	8	314.7	274.92	105.66
418Guscio fond.	449	472	471	448	10	8	297.1	261.21	100.39
419Guscio fond.	450	473	472	449	10	9	279.4	248.63	95.56
420Guscio fond.	451	474	473	450	10	9	261.8	238.23	91.56
421Guscio fond.	452	475	474	451	10	9	244.1	228.98	88.01
422Guscio fond.	453	476	475	452	10	9	226.4	220.68	84.82
423Guscio fond.	454	477	476	453	10	9	208.8	213.72	82.14
424Guscio fond.	455	478	477	454	10	9	191.2	206.86	79.50
425Guscio fond.	456	479	478	455	10	9	173.5	201.06	77.28
426Guscio fond.	457	480	479	456	10	9	155.8	195.24	75.04
427Guscio fond.	458	481	480	457	10	9	138.2	190.31	73.14
428Guscio fond.	459	482	481	458	10	9	120.5	185.73	71.38
429Guscio fond.	460	483	482	459	10	9	102.9	181.45	69.74
430Guscio fond.	461	484	483	460	10	9	85.2	177.03	68.04
431Guscio fond.	462	485	484	461	10	9	67.6	173.28	66.60
432Guscio fond.	42	43	485	462	10	9	50.0	169.74	65.24
433Guscio fond.	465	488	1		10	8	400.0	192.73	74.07
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435Guscio fond.	467	490	489	466	10	8	400.0	192.73	74.07
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441Guscio fond.	471	494	493	470	10	8	314.7	274.92	105.66
442Guscio fond.	472	495	494	471	10	8	297.1	261.21	100.39
443Guscio fond.	473	496	495	472	10	9	279.4	248.63	95.56
444Guscio fond.	474	497	496	473	10	9	261.8	238.23	91.56
445Guscio fond.	475	498	497	474	10	9	244.1	228.98	88.01
446Guscio fond.	476	499	498	475	10	9	226.4	220.68	84.82
447Guscio fond.	477	500	499	476	10	9	208.8	213.72	82.14
448Guscio fond.	478	501	500	477	10	9	191.2	206.86	79.50
449Guscio fond.	479	502	501	478	10	9	173.5	201.06	77.28
450Guscio fond.	480	503	502	479	10	9	155.8	195.24	75.04
451Guscio fond.	481	504	503	480	10	9	138.2	190.31	73.14
452Guscio fond.	482	505	504	481	10	9	120.5	185.73	71.38
453Guscio fond.	483	506	505	482	10	9	102.9	181.45	69.74
454Guscio fond.	484	507	506	483	10	9	85.2	177.03	68.04
455Guscio fond.	485	508	507	484	10	9	67.6	173.28	66.60
456Guscio fond.	43	44	508	485	10	9	50.0	169.74	65.24
457Guscio fond.	1	488	511		10	8	400.0	192.73	74.07
458Guscio fond.	489	512	511	488	10	8	400.0	192.73	74.07

459Guscio fond.	490	513	512	489	10	8	400.0	192.73	74.07
460Guscio fond.	491	514	513	490	10	8	400.0	192.73	74.07
461Guscio fond.	486	509	514	491	10	8	400.0	192.73	74.07
462Guscio fond.	487	510	509	486	10	8	400.0	192.73	74.07
463Guscio fond.	492	515	510	487	10	8	350.0	312.25	120.01
464Guscio fond.	493	516	515	492	10	8	332.4	291.89	112.18
465Guscio fond.	494	517	516	493	10	8	314.7	274.92	105.66
466Guscio fond.	495	518	517	494	10	8	297.1	261.21	100.39
467Guscio fond.	496	519	518	495	10	9	279.4	248.63	95.56
468Guscio fond.	497	520	519	496	10	9	261.8	238.23	91.56
469Guscio fond.	498	521	520	497	10	9	244.1	228.98	88.01
470Guscio fond.	499	522	521	498	10	9	226.4	220.68	84.82
471Guscio fond.	500	523	522	499	10	9	208.8	213.72	82.14
472Guscio fond.	501	524	523	500	10	9	191.2	206.86	79.50
473Guscio fond.	502	525	524	501	10	9	173.5	201.06	77.28
474Guscio fond.	503	526	525	502	10	9	155.8	195.24	75.04
475Guscio fond.	504	527	526	503	10	9	138.2	190.31	73.14
476Guscio fond.	505	528	527	504	10	9	120.5	185.73	71.38
477Guscio fond.	506	529	528	505	10	9	102.9	181.45	69.74
478Guscio fond.	507	530	529	506	10	9	85.2	177.03	68.04
479Guscio fond.	508	531	530	507	10	9	67.6	173.28	66.60
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482Guscio fond.	512	535	534	511	10	8	400.0	192.73	74.07
483Guscio fond.	513	536	535	512	10	8	400.0	192.73	74.07
484Guscio fond.	514	537	536	513	10	8	400.0	192.73	74.07
485Guscio fond.	509	532	537	514	10	8	400.0	192.73	74.07
486Guscio fond.	510	533	532	509	10	8	400.0	192.73	74.07
487Guscio fond.	515	538	533	510	10	8	350.0	312.25	120.01
488Guscio fond.	516	539	538	515	10	8	332.4	291.89	112.18
489Guscio fond.	517	540	539	516	10	8	314.7	274.92	105.66
490Guscio fond.	518	541	540	517	10	8	297.1	261.21	100.39
491Guscio fond.	519	542	541	518	10	9	279.4	248.63	95.56
492Guscio fond.	520	543	542	519	10	9	261.8	238.23	91.56
493Guscio fond.	521	544	543	520	10	9	244.1	228.98	88.01
494Guscio fond.	522	545	544	521	10	9	226.4	220.68	84.82
495Guscio fond.	523	546	545	522	10	9	208.8	213.72	82.14
496Guscio fond.	524	547	546	523	10	9	191.2	206.86	79.50
497Guscio fond.	525	548	547	524	10	9	173.5	201.06	77.28
498Guscio fond.	526	549	548	525	10	9	155.8	195.24	75.04
499Guscio fond.	527	550	549	526	10	9	138.2	190.31	73.14
500Guscio fond.	528	551	550	527	10	9	120.5	185.73	71.38
501Guscio fond.	529	552	551	528	10	9	102.9	181.45	69.74
502Guscio fond.	530	553	552	529	10	9	85.2	177.03	68.04
503Guscio fond.	531	554	553	530	10	9	67.6	173.28	66.60
504Guscio fond.	45	46	554	531	10	9	50.0	169.74	65.24
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520Guscio fond.	546	547	570	569	10	9	191.2	206.86	79.50
521Guscio fond.	547	548	571	570	10	9	173.5	201.06	77.28
522Guscio fond.	548	549	572	571	10	9	155.8	195.24	75.04
523Guscio fond.	549	550	573	572	10	9	138.2	190.31	73.14
524Guscio fond.	550	551	574	573	10	9	120.5	185.73	71.38
525Guscio fond.	551	552	575	574	10	9	102.9	181.45	69.74
526Guscio fond.	552	553	576	575	10	9	85.2	177.03	68.04
527Guscio fond.	553	554	577	576	10	9	67.6	173.28	66.60
528Guscio fond.	554	46	47	577	10	9	50.0	169.74	65.24
529Guscio fond.	1	557	74		10	8	400.0	192.73	74.07
530Guscio fond.	557	558	75	74	10	8	400.0	192.73	74.07
531Guscio fond.	558	559	76	75	10	8	400.0	192.73	74.07
532Guscio fond.	559	560	77	76	10	8	400.0	192.73	74.07
533Guscio fond.	560	555	72	77	10	8	400.0	192.73	74.07
534Guscio fond.	555	556	73	72	10	8	400.0	192.73	74.07
535Guscio fond.	556	561	78	73	10	8	350.0	312.25	120.01

536Guscio fond.	561	562	79	78	10	8	332.4	291.89	112.18
537Guscio fond.	562	563	80	79	10	8	314.7	274.92	105.66
538Guscio fond.	563	564	81	80	10	8	297.1	261.21	100.39
539Guscio fond.	564	565	82	81	10	9	279.4	248.63	95.56
540Guscio fond.	565	566	83	82	10	9	261.8	238.23	91.56
541Guscio fond.	566	567	84	83	10	9	244.1	228.98	88.01
542Guscio fond.	567	568	85	84	10	9	226.4	220.68	84.82
543Guscio fond.	568	569	86	85	10	9	208.8	213.72	82.14
544Guscio fond.	569	570	87	86	10	9	191.2	206.86	79.50
545Guscio fond.	570	571	88	87	10	9	173.5	201.06	77.28
546Guscio fond.	571	572	89	88	10	9	155.8	195.24	75.04
547Guscio fond.	572	573	90	89	10	9	138.2	190.31	73.14
548Guscio fond.	573	574	91	90	10	9	120.5	185.73	71.38
549Guscio fond.	574	575	92	91	10	9	102.9	181.45	69.74
550Guscio fond.	575	576	93	92	10	9	85.2	177.03	68.04
551Guscio fond.	576	577	94	93	10	9	67.6	173.28	66.60
552Guscio fond.	577	47	48	94	10	9	50.0	169.74	65.24
553Guscio fond.	1	74	5		10	8	400.0	192.73	74.07
554Guscio fond.	74	75	6	5	10	8	400.0	192.73	74.07
555Guscio fond.	75	76	7	6	10	8	400.0	192.73	74.07
556Guscio fond.	76	77	8	7	10	8	400.0	192.73	74.07
557Guscio fond.	77	72	2	8	10	8	400.0	192.73	74.07
558Guscio fond.	72	73	3	2	10	8	400.0	192.73	74.07
559Guscio fond.	73	78	9	3	10	8	350.0	312.25	120.01
560Guscio fond.	78	79	10	9	10	8	332.4	291.89	112.18
561Guscio fond.	79	80	11	10	10	8	314.7	274.92	105.66
562Guscio fond.	80	81	12	11	10	8	297.1	261.21	100.39
563Guscio fond.	81	82	13	12	10	9	279.4	248.63	95.56
564Guscio fond.	82	83	14	13	10	9	261.8	238.23	91.56
565Guscio fond.	83	84	15	14	10	9	244.1	228.98	88.01
566Guscio fond.	84	85	16	15	10	9	226.4	220.68	84.82
567Guscio fond.	85	86	17	16	10	9	208.8	213.72	82.14
568Guscio fond.	86	87	18	17	10	9	191.2	206.86	79.50
569Guscio fond.	87	88	19	18	10	9	173.5	201.06	77.28
570Guscio fond.	88	89	20	19	10	9	155.8	195.24	75.04
571Guscio fond.	89	90	21	20	10	9	138.2	190.31	73.14
572Guscio fond.	90	91	22	21	10	9	120.5	185.73	71.38
573Guscio fond.	91	92	23	22	10	9	102.9	181.45	69.74
574Guscio fond.	92	93	24	23	10	9	85.2	177.03	68.04
575Guscio fond.	93	94	25	24	10	9	67.6	173.28	66.60
576Guscio fond.	94	48	4	25	10	9	50.0	169.74	65.24



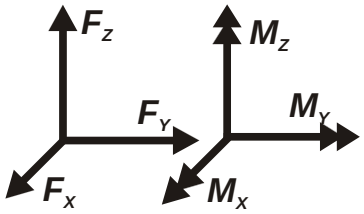
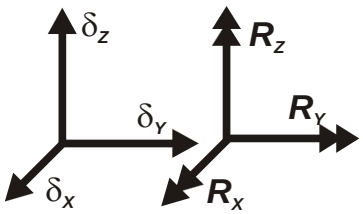
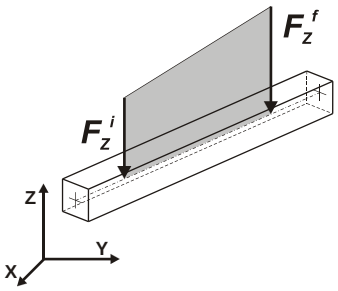
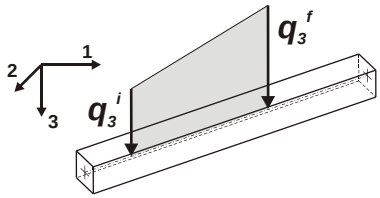
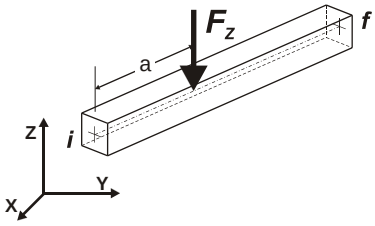
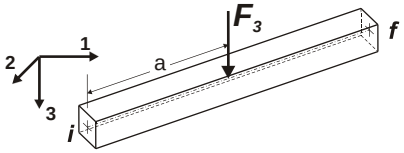
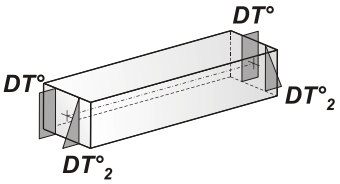
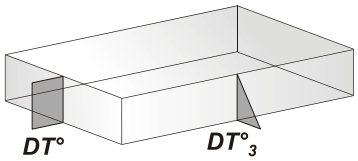
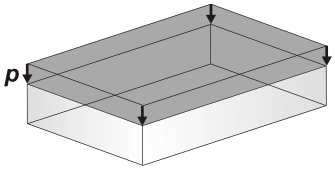
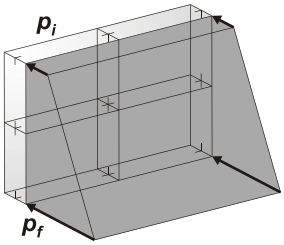
16_MOD_NUMERAZIONE_D3

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 concentrato nodale

Id	Tipo	Fx	Fy	Fz	Mx	My	Mz
		kN	kN	kN	kN m	kN m	kN m
1	Peso struttura sovrastante	0.0	0.0	-306.81	0.0	0.0	0.0
20	azione sismica orizzontale	33.21	0.0	0.0	0.0	0.0	0.0
21	azione sismica 1	0.0	0.0	2129.12	0.0	0.0	0.0
22	azione sismica 2-24	0.0	0.0	2056.58	0.0	0.0	0.0
23	azione sismica 3-23	0.0	0.0	1843.88	0.0	0.0	0.0
24	azione sismica 4-22	0.0	0.0	1505.52	0.0	0.0	0.0
25	azione sismica 5-21	0.0	0.0	1064.56	0.0	0.0	0.0
26	azione sismica 6-20	0.0	0.0	551.06	0.0	0.0	0.0
27	azione sismica 7-19	0.0	0.0	0.0	0.0	0.0	0.0
28	azione sismica 8-18	0.0	0.0	-551.06	0.0	0.0	0.0
29	azione sismica 9-17	0.0	0.0	-1064.56	0.0	0.0	0.0
30	azione sismica 10-16	0.0	0.0	-1505.52	0.0	0.0	0.0
31	azione sismica 11-15	0.0	0.0	-1843.88	0.0	0.0	0.0
32	azione sismica 12-14	0.0	0.0	-2056.58	0.0	0.0	0.0

Id	Tipo	Fx	Fy	Fz	Mx	My	Mz
33	azione sismica 13	0.0	0.0	-2129.12	0.0	0.0	0.0
34	vento azione orizzontale	270.36	0.0	0.0	0.0	0.0	0.0
35	vento 1	0.0	0.0	1.260e+04	0.0	0.0	0.0
36	vento 2-24	0.0	0.0	1.217e+04	0.0	0.0	0.0
37	vento 3-23	0.0	0.0	1.091e+04	0.0	0.0	0.0
38	vento 4-22	0.0	0.0	8907.67	0.0	0.0	0.0
39	vento 5-21	0.0	0.0	6298.67	0.0	0.0	0.0
40	vento 6-20	0.0	0.0	3260.43	0.0	0.0	0.0
41	vento 7-19	0.0	0.0	0.0	0.0	0.0	0.0
42	vento 8-18	0.0	0.0	-3260.43	0.0	0.0	0.0
43	vento 9-17	0.0	0.0	-6298.67	0.0	0.0	0.0
44	vento 10-16	0.0	0.0	-8907.67	0.0	0.0	0.0
45	vento 11-15	0.0	0.0	-1.091e+04	0.0	0.0	0.0
46	vento 12-14	0.0	0.0	-1.217e+04	0.0	0.0	0.0
47	vento 13	0.0	0.0	-1.260e+04	0.0	0.0	0.0

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		m	kN/ m2	m	kN/ m2
2	terreno riporto 1				
	Unif. Qz Area L2=0.0		-66.64		
3	terreno riporto 2				
	Unif. Qz Area L2=0.0		-63.18		
4	terreno riporto 3				
	Unif. Qz Area L2=0.0		-59.72		
5	terreno riporto 4				
	Unif. Qz Area L2=0.0		-56.26		
6	terreno riporto 5				
	Unif. Qz Area L2=0.0		-52.80		
7	terreno riporto 6				
	Unif. Qz Area L2=0.0		-49.35		
8	terreno riporto 7				
	Unif. Qz Area L2=0.0		-45.89		
9	terreno riporto 8				
	Unif. Qz Area L2=0.0		-42.43		
10	terreno riporto 9				
	Unif. Qz Area L2=0.0		-38.97		
11	terreno riporto 10				
	Unif. Qz Area L2=0.0		-35.51		
12	terreno riporto 11				
	Unif. Qz Area L2=0.0		-32.05		
13	terreno riporto 12				
	Unif. Qz Area L2=0.0		-28.59		
14	terreno riporto 13				
	Unif. Qz Area L2=0.0		-25.13		
15	terreno riporto 14				
	Unif. Qz Area L2=0.0		-21.68		
16	terreno riporto 15				
	Unif. Qz Area L2=0.0		-18.22		
17	terreno riporto 16				
	Unif. Qz Area L2=0.0		-14.76		
18	terreno riporto 17				
	Unif. Qz Area L2=0.0		-11.30		
19	terreno riporto 18				
	Unif. Qz Area L2=0.0		-7.84		
48	Neve - QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-2.56		
49	Accidentale - QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.50		

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.

LOCALIZZAZIONE DELL'INTERVENTO

Ubicazione:

Località	QUILIANO
Provincia	SAVONA
Regione	LIGURIA
Latitudine	44.29400 N
Longitudine	8.40400 E
Altitudine s.l.m.	800.0 m

CALCOLO DELLE AZIONI DELLA NEVE E DEL VENTO

Normativa di riferimento:
D.M. 17 gennaio 2018 - NORME TECNICHE PER LE COSTRUZIONI
Cap. 3 - AZIONI SULLE COSTRUZIONI - Par. 3.3 e 3.4
Circolare n.7 - 21 gennaio 2019 C.S.LL.PP.

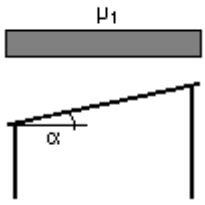
NEVE

Il carico della neve sulle coperture è calcolato in relazione ai seguenti parametri:
Zona: macro area derivante dalla suddivisione del territorio nazionale;
Esp.: zona topografica di esposizione al vento;
Ce: coefficiente di esposizione al vento;
TR: periodo di ritorno di progetto espresso in anni;
as: altitudine del sito;
qsk: valore caratteristico del carico della neve al suolo (per Tr = 50 anni);

Zona	Esposizione	Ce	TR	as	qsk
II	Zona normale	1.00	50 anni	800 m	320.13

Copertura ad una falda:
Angolo di inclinazione della falda α = 30.0°
μ1 = 0.80 => Q1 = 256 daN/mq

Schema di carico:



VENTO

La velocità del vento è calcolata in relazione ai seguenti parametri:
Zona: macro area derivante dalla suddivisione del territorio nazionale (NTC - Tab. 3.3.I);
Vb,0: velocità base della zona (NTC - Tab. 3.3.I);
a0: altitudine base della zona (NTC - Tab. 3.3.I);
ks: parametro in funzione della zona in cui sorge la costruzione (NTC - Tab. 3.3.I);
as: altitudine del sito;
TR: periodo di ritorno di progetto espresso in anni;
Vb: velocità di riferimento calcolata come segue:
Vb = Vb,0 per as ≤ a0
Vb = Vb,0 (1 + ks ((as / a0) - 1)) per a0 < as ≤ 1500 m
per as > 1500 m vanno ricavati da opportuna documentazione o da indagini comprovate
Tali valori non dovranno essere minori di quelli previsti per as = 1500 m
Cr: coefficiente di ritorno in funzione del periodo di ritorno TR
Vr: velocità di riferimento riferita al periodo di ritorno TR

Zona	Vb,0	a0	ks	as	TR	Vb	Cr	Vr
7	28 m/s	1000 m	0.54	800 m	100 anni	28.00 m/s	1.063	29.75 m/s

Pressione cinetica di riferimento, qr = ρ Vr^2 / 2 = 55 daN/mq
dove: ρ è la densità dell'aria (assunta convenzionalmente costante = 1,25 kg/mc)

Esposizione: Cat. III - Zone costiere ed entroterra
Da cui i parametri della tabella 3.3.II delle NTC

Kr	z0	z min
0.20	0.10 m	5 m

Classe di rugosità del terreno: D (NTC - Tab. 3.3.III)
Aree prive di ostacoli o con al di più rari ostacoli isolati (aperta campagna, aeroporti, aree agricole, zone paludose o sabbiose, superfici innevate o ghiacciate, mare, laghi,..)

L'azione del vento sulle costruzioni è determinata dai seguenti parametri:
Cp: coefficiente di pressione;
Cd: coefficiente dinamico;
Ct: coefficiente di topografia;
Ce: coefficiente di esposizione (funzione di z, z0 e Ct);
z: altezza sul suolo.

Cp	Cd	Ct	Ce	z
2.40	1.00	1.00	4.03	125.00 m

Pressione del vento
p = qr Ce Cp Cd = 535 daN/mq

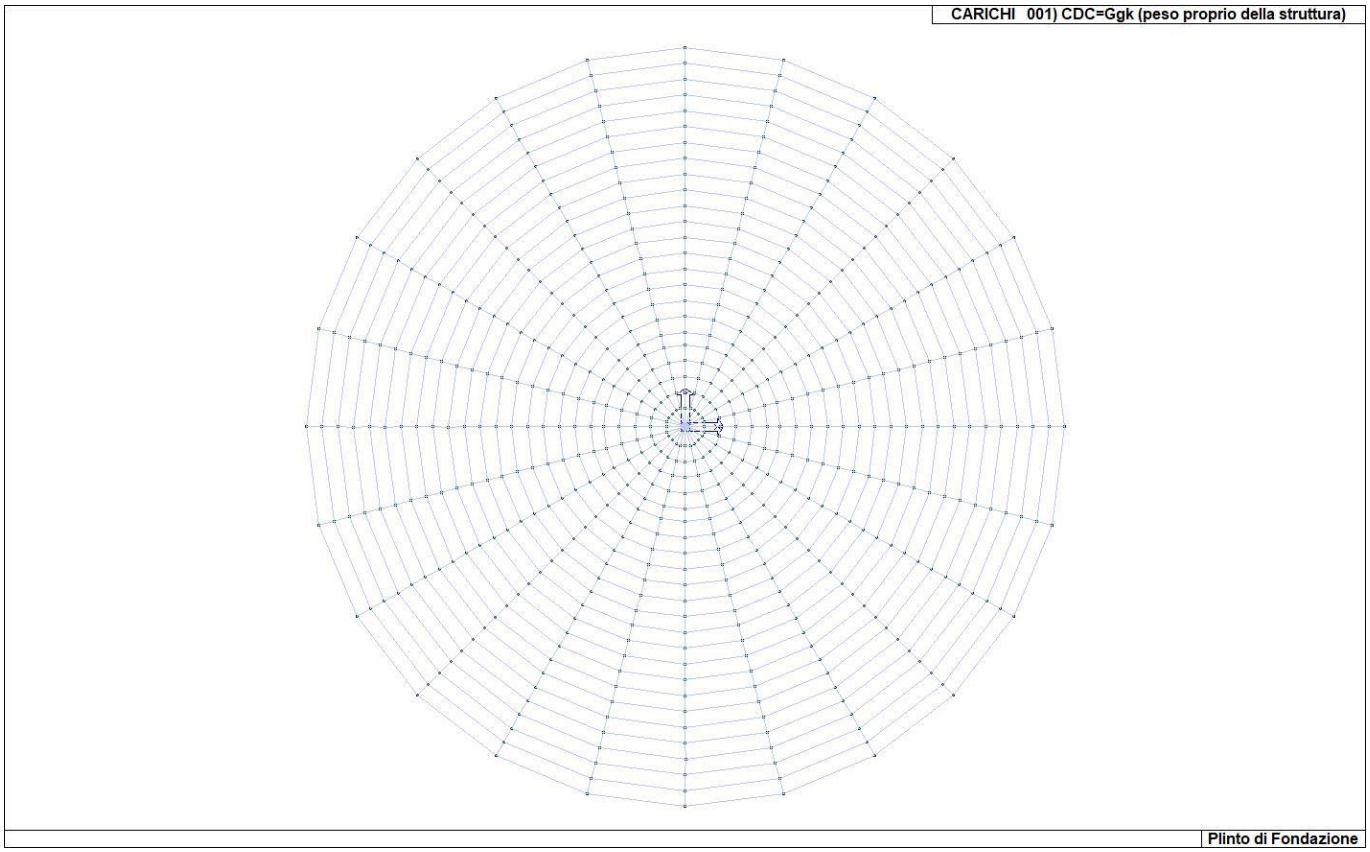
TEMPERATURA DELL'ARIA ESTERNA

Le temperature esterne, T max (massima estiva) e T min (minima invernale), sono calcolate secondo le seguenti espressioni riferite alla zona climatica:
T min = -15 - 4 as / 1000 (NTC 3.5.1)
T max = 42 - 6 as / 1000 (NTC 3.5.2)
dove as è l'altitudine di riferimento

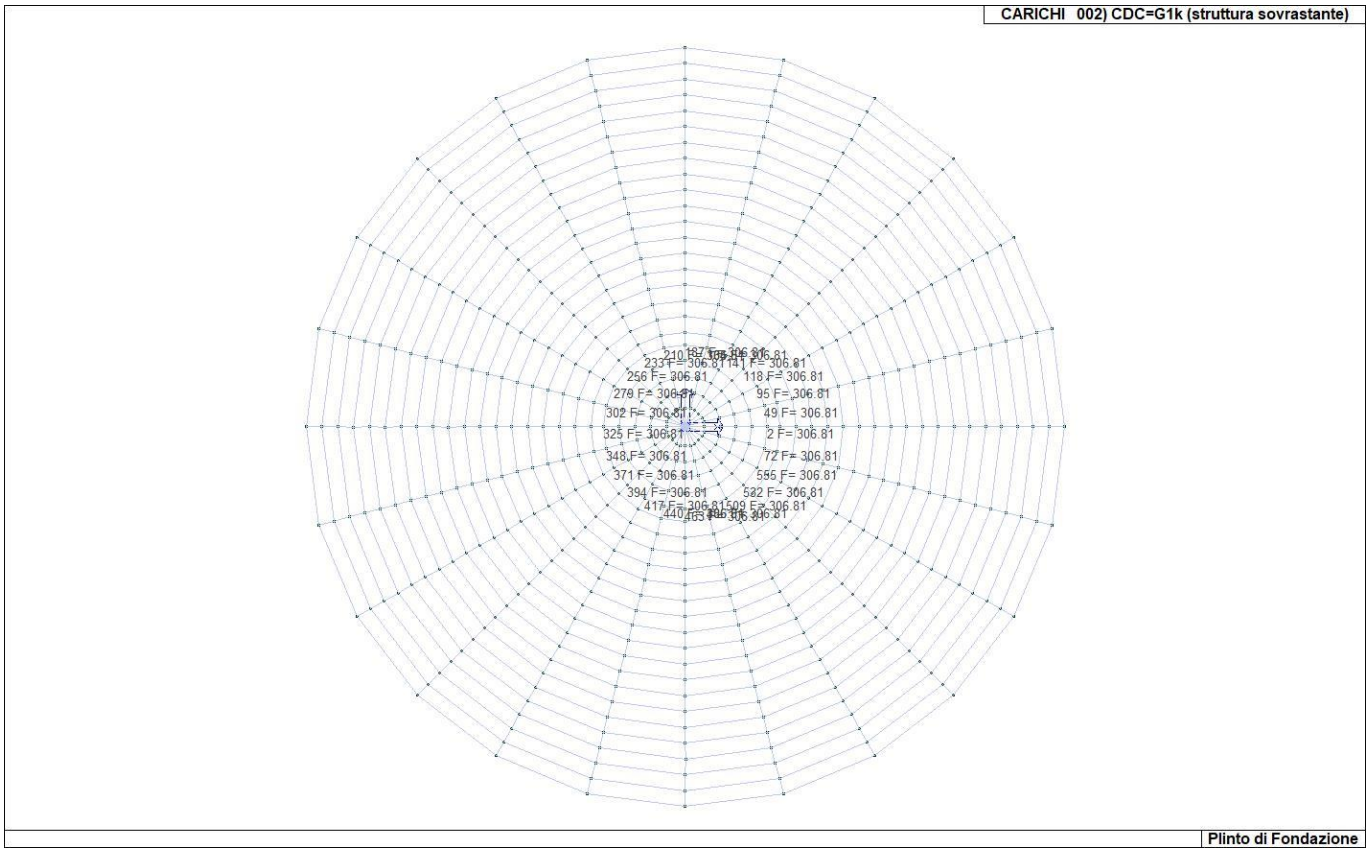
Zona	as	T min	T max
I	800 m	-18.20 °C	37.20 °C

CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gk	CDC=G1k (struttura sovrastante)	Azioni applicate:	Ad elementi:
			[1] Peso struttura sovrastante	Nodi: 2, 49, 72, 95, 118, 141, 164, 187, 210, 233, 256, 279, 302, 325, 348, 371, 394, 417, 440, 463, 486, 509, 532, 555
3	Gk	CDC=G1k (Terreno di riporto)	Azioni applicate:	Ad elementi:
			[2] terreno riporto 1	D3: 24, 48, 72, 96, 120, 144, 168, 192, 216, 240, 264, 288, 312, 336, 360, 384, 408, 432, 456, 480, 504, 528, 552, 576
			[3] terreno riporto 2	D3: 23, 47, 71, 95, 119, 143, 167, 191, 215, 239, 263, 287, 311, 335, 359, 383, 407, 431, 455, 479, 503, 527, 551, 575
			[4] terreno riporto 3	D3: 22, 46, 70, 94, 118, 142, 166, 190, 214, 238, 262, 286, 310, 334, 358, 382, 406, 430, 454, 478, 502, 526, 550, 574
			[5] terreno riporto 4	D3: 21, 45, 69, 93, 117, 141, 165, 189, 213, 237, 261, 285, 309, 333, 357, 381, 405, 429, 453, 477, 501, 525, 549, 573
			[6] terreno riporto 5	D3: 20, 44, 68, 92, 116, 140, 164, 188, 212, 236, 260, 284, 308, 332, 356, 380, 404, 428, 452, 476, 500, 524, 548, 572
			[7] terreno riporto 6	D3: 19, 43, 67, 91, 115, 139, 163, 187, 211, 235, 259, 283, 307, 331, 355, 379, 403, 427, 451, 475, 499, 523, 547, 571
			[8] terreno riporto 7	D3: 18, 42, 66, 90, 114, 138, 162, 186, 210, 234, 258, 282, 306, 330, 354, 378, 402, 426, 450, 474, 498, 522, 546, 570
			[9] terreno riporto 8	D3: 17, 41, 65, 89, 113, 137, 161, 185, 209,

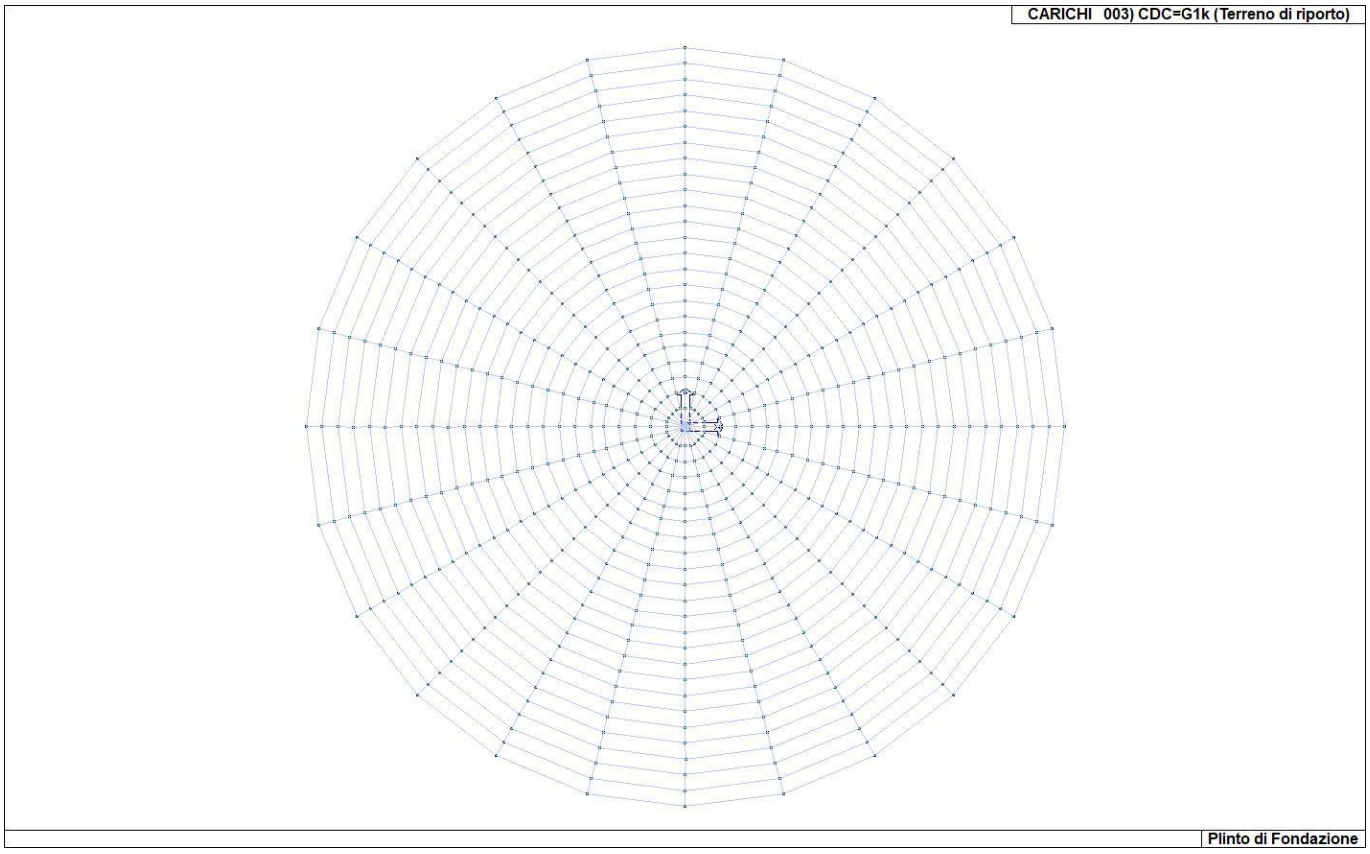
CDC	Tipo	Sigla Id	Note	Per non automatici:
				233, 257, 281, 305, 329, 353, 377, 401, 425, 449, 473, 497, 521, 545, 569
			[10] terreno riporto 9	D3: 16, 40, 64, 88, 112, 136, 160, 184, 208, 232, 256, 280, 304, 328, 352, 376, 400, 424, 448, 472, 496, 520, 544, 568
			[11] terreno riporto 10	D3: 15, 39, 63, 87, 111, 135, 159, 183, 207, 231, 255, 279, 303, 327, 351, 375, 399, 423, 447, 471, 495, 519, 543, 567
			[12] terreno riporto 11	D3: 14, 38, 62, 86, 110, 134, 158, 182, 206, 230, 254, 278, 302, 326, 350, 374, 398, 422, 446, 470, 494, 518, 542, 566
			[13] terreno riporto 12	D3: 13, 37, 61, 85, 109, 133, 157, 181, 205, 229, 253, 277, 301, 325, 349, 373, 397, 421, 445, 469, 493, 517, 541, 565
			[14] terreno riporto 13	D3: 12, 36, 60, 84, 108, 132, 156, 180, 204, 228, 252, 276, 300, 324, 348, 372, 396, 420, 444, 468, 492, 516, 540, 564
			[15] terreno riporto 14	D3: 11, 35, 59, 83, 107, 131, 155, 179, 203, 227, 251, 275, 299, 323, 347, 371, 395, 419, 443, 467, 491, 515, 539, 563
			[16] terreno riporto 15	D3: 10, 34, 58, 82, 106, 130, 154, 178, 202, 226, 250, 274, 298, 322, 346, 370, 394, 418, 442, 466, 490, 514, 538, 562
			[17] terreno riporto 16	D3: 9, 33, 57, 81, 105, 129, 153, 177, 201, 225, 249, 273, 297, 321, 345, 369, 393, 417, 441, 465, 489, 513, 537, 561
			[18] terreno riporto 17	D3: 8, 32, 56, 80, 104, 128, 152, 176, 200, 224, 248, 272, 296, 320, 344, 368, 392, 416, 440, 464, 488, 512, 536, 560
			[19] terreno riporto 18	D3: 7, 31, 55, 79, 103, 127, 151, 175, 199, 223, 247, 271, 295, 319, 343, 367, 391, 415, 439, 463, 487, 511, 535, 559
4	Gk	CDC=G1k (sisma X)	Azioni applicate:	Ad elementi:
			[20] azione sismica orizzontale	Nodi: 2, 49, 72, 95, 118, 141, 164, 187, 210, 233, 256, 279, 302, 325, 348, 371, 394, 417, 440, 463, 486, 509, 532, 555
			[21] azione sismica 1	Nodi: 2
			[22] azione sismica 2-24	Nodi: 49, 72
			[23] azione sismica 3-23	Nodi: 95, 555
			[24] azione sismica 4-22	Nodi: 118, 532
			[25] azione sismica 5-21	Nodi: 141, 509
			[26] azione sismica 6-20	Nodi: 164, 486
			[27] azione sismica 7-19	Nodi: 187, 463
			[28] azione sismica 8-18	Nodi: 210, 440
			[29] azione sismica 9-17	Nodi: 233, 417
			[30] azione sismica 10-16	Nodi: 256, 394
			[31] azione sismica 11-15	Nodi: 279, 371
			[32] azione sismica 12-14	Nodi: 302, 348
			[33] azione sismica 13	Nodi: 325
5	Qvk	CDC=Qvk (carico da vento)	Azioni applicate:	Ad elementi:
			[34] vento azione orizzontale	Nodi: 2, 49, 72, 95, 118, 141, 164, 187, 210, 233, 256, 279, 302, 325, 348, 371, 394, 417, 440, 463, 486, 509, 532, 555
			[35] vento 1	Nodi: 2
			[36] vento 2-24	Nodi: 49, 72
			[37] vento 3-23	Nodi: 95, 555
			[38] vento 4-22	Nodi: 118, 532
			[39] vento 5-21	Nodi: 141, 509
			[40] vento 6-20	Nodi: 164, 486
			[41] vento 7-19	Nodi: 187, 463
			[42] vento 8-18	Nodi: 210, 440
			[43] vento 9-17	Nodi: 233, 417
			[44] vento 10-16	Nodi: 256, 394
			[45] vento 11-15	Nodi: 279, 371
			[46] vento 12-14	Nodi: 302, 348
			[47] vento 13	Nodi: 325
6	Qk	CDC=Qnk (carico da neve)	Azioni applicate:	Ad elementi:
			[48] Neve - QV:unif - Qz - Area	D3: 1 # 576
7	Qk	CDC=Qk (accidentale)	Azioni applicate:	Ad elementi:
			[49] Accidentale - QV:unif - Qz - Area	D3: 1 # 576



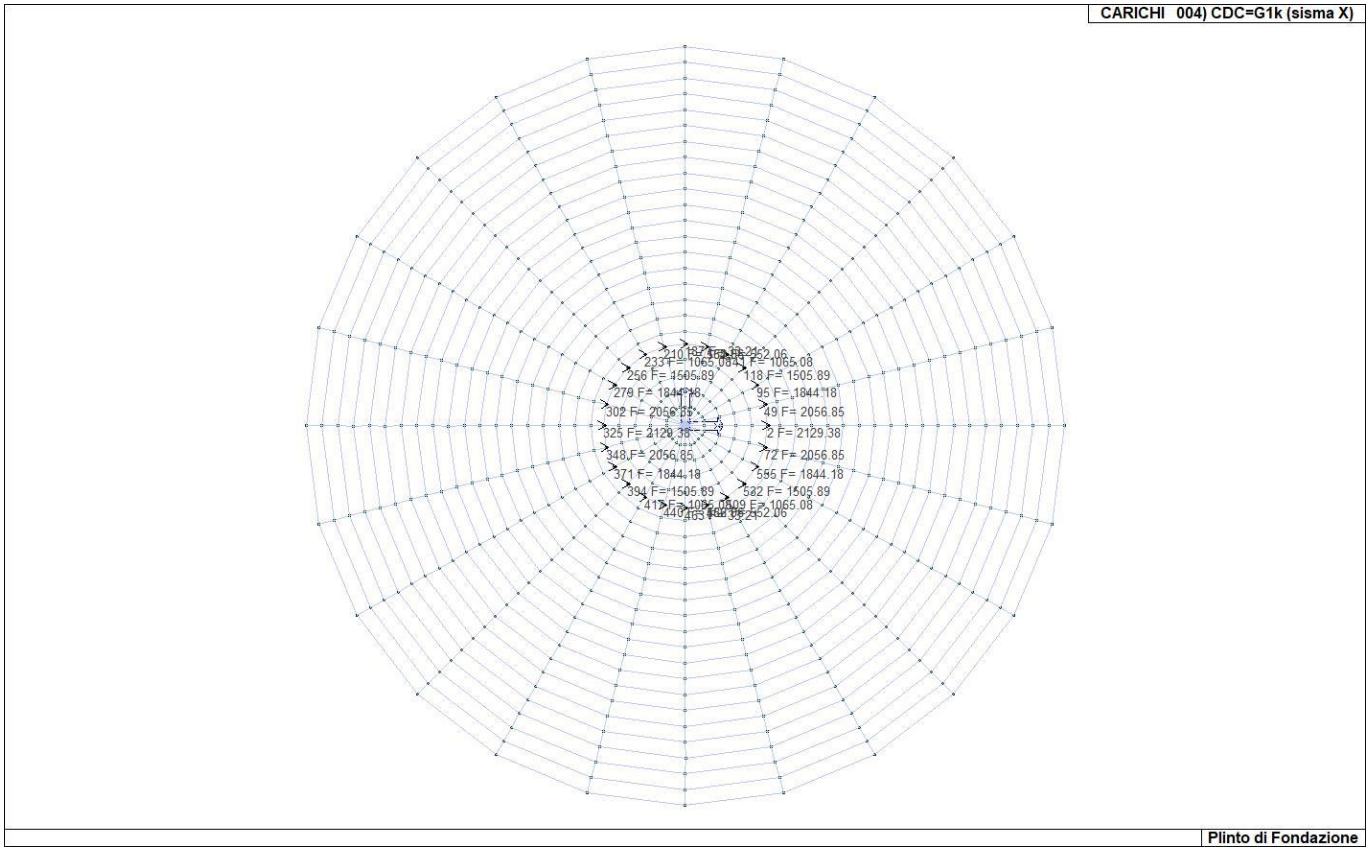
22_CDC_001_CDCGgk peso proprio della struttura



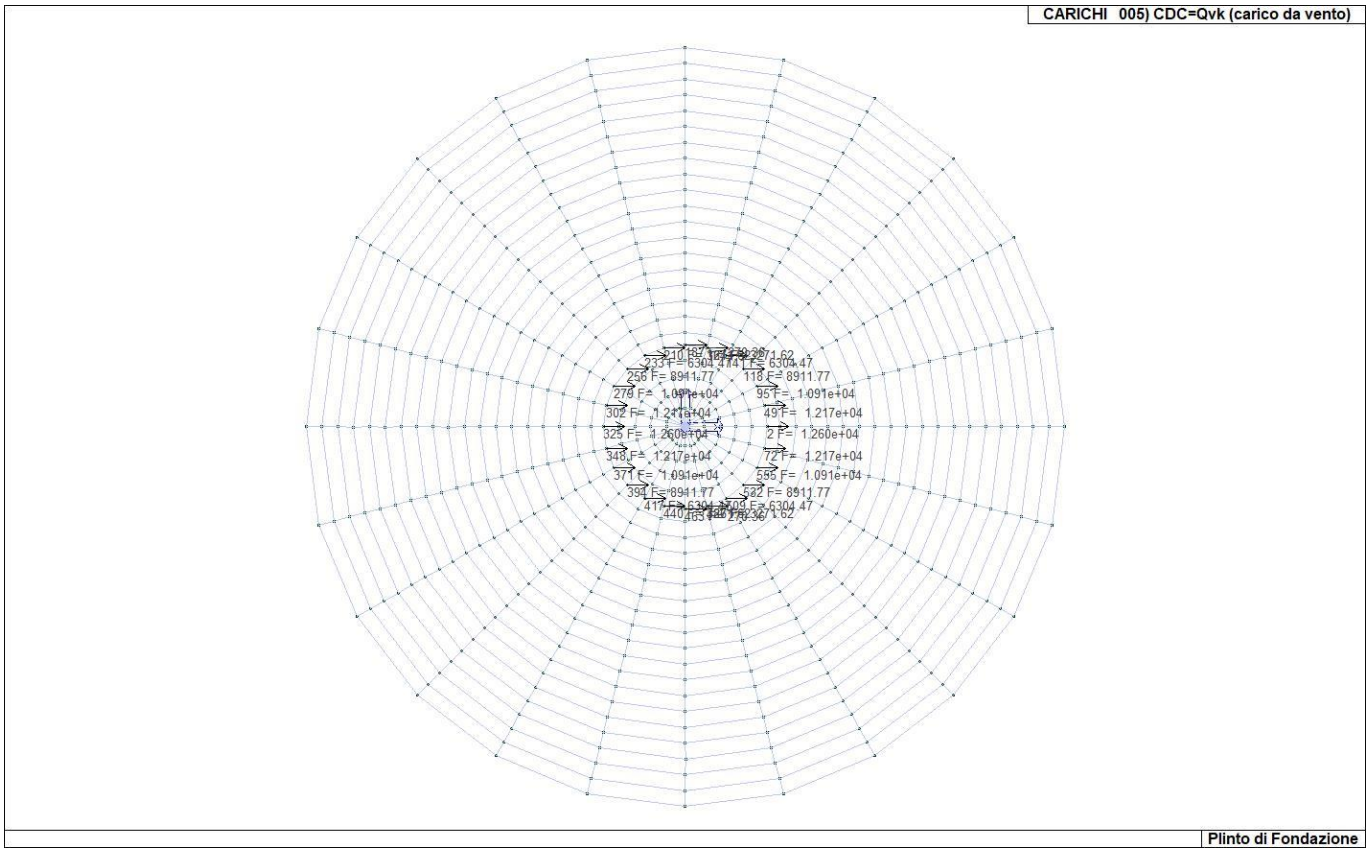
22_CDC_002_CDCG1k struttura sovrastante



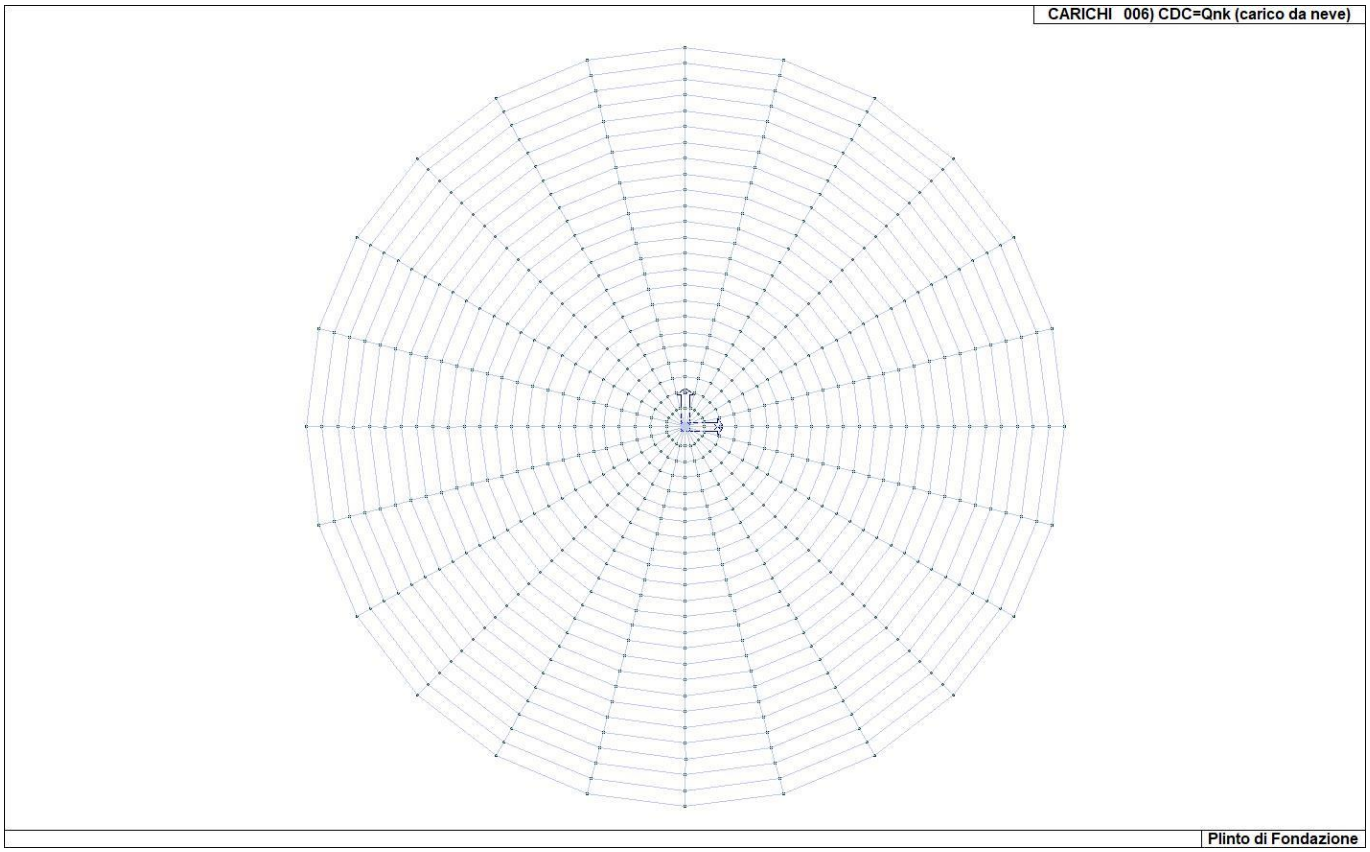
22_CDC_003_CDCG1k Terreno di riporto



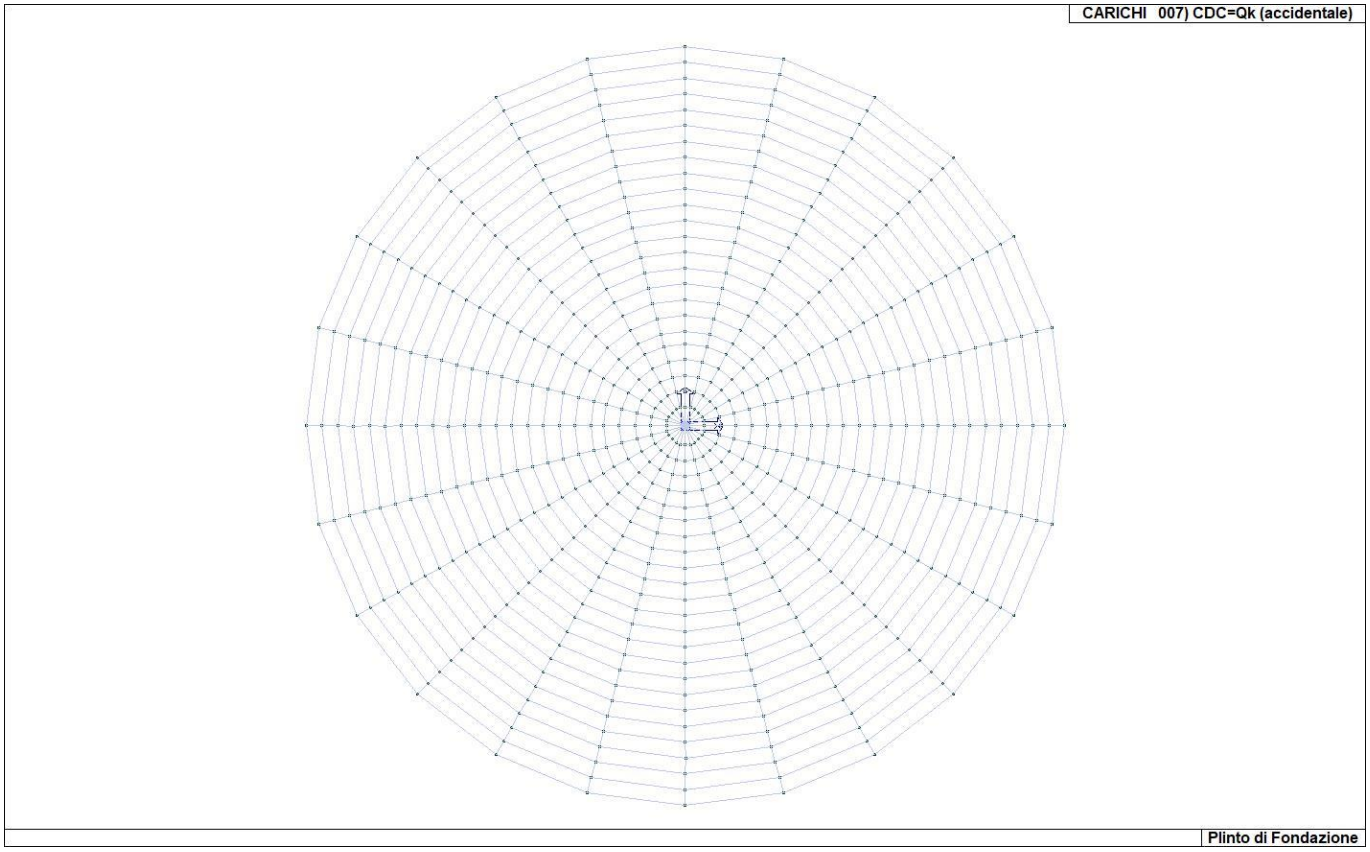
22_CDC_004_CDCG1k sisma X



22_CDC_005_CDCQvk carico da vento



22_CDC_006_CDCQnk carico da neve



22_CDC_007_CDCQk accidentale

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*

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

Combinazione frequente *SLE*

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

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*

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

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

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

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 (vento)	
2	SLU	Comb. SLU A1 (neve)	
3	SLU	Comb. SLU A1 (accidentale)	
4	SLU	Sismica	
5	SLE(r)	Comb. SLE(rara) 5	
6	SLE(r)	Comb. SLE(rara) 6	
7	SLE(r)	Comb. SLE(rara) 7	
8	SLE(f)	Comb. SLE(freq.) 8	
9	SLE(f)	Comb. SLE(freq.) 9	
10	SLE(f)	Comb. SLE(freq.) 10	
11	SLE(p)	Comb. SLE(perm.) 11	

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	1.30	0.0	1.50	0.75	0.0							
2	1.30	1.30	1.30	0.0	0.90	1.50	0.0							
3	1.30	1.30	1.30	0.0	0.90	0.75	1.50							
4	1.00	1.00	1.00	1.00	0.0	0.0	0.0							
5	1.00	1.00	1.00	0.0	1.00	0.50	0.0							
6	1.00	1.00	1.00	0.0	0.60	1.00	0.0							
7	1.00	1.00	1.00	0.0	0.60	0.50	1.00							
8	1.00	1.00	1.00	0.0	0.20	0.0	0.0							
9	1.00	1.00	1.00	0.0	0.0	0.20	0.0							
10	1.00	1.00	1.00	0.0	0.0	0.0	0.0							
11	1.00	1.00	1.00	0.0	0.0	0.0	0.0							

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	4.48e-03	0.0	-0.01	0.0	-2.17e-04	0.0
1	2	2.69e-03	0.0	-0.01	0.0	-1.30e-04	0.0
1	5	2.99e-03	0.0	-8.00e-03	0.0	-1.45e-04	0.0
1	6	1.79e-03	0.0	-8.05e-03	0.0	-8.70e-05	0.0
1	8	5.97e-04	0.0	-7.95e-03	0.0	-2.90e-05	0.0
1	9	0.0	0.0	-7.97e-03	0.0	0.0	0.0
1	11	0.0	0.0	-7.95e-03	0.0	0.0	0.0
2	1	4.54e-03	0.0	0.09	0.0	-9.56e-05	0.0
2	5	3.02e-03	0.0	0.06	0.0	-6.42e-05	0.0
2	8	6.05e-04	0.0	5.30e-03	0.0	-1.58e-05	0.0
2	9	0.0	0.0	-7.67e-03	0.0	-3.68e-06	0.0
2	11	0.0	0.0	-7.65e-03	0.0	-3.68e-06	0.0
3	1	4.40e-03	0.0	0.08	0.0	-6.34e-05	0.0
3	5	2.94e-03	0.0	0.05	0.0	-4.28e-05	0.0
3	8	5.87e-04	0.0	4.71e-03	0.0	-1.19e-05	0.0
3	9	0.0	0.0	-7.25e-03	0.0	-4.19e-06	0.0
3	11	0.0	0.0	-7.23e-03	0.0	-4.19e-06	0.0
4	1	2.59e-03	0.0	-0.01	0.0	1.68e-05	0.0
4	5	1.73e-03	0.0	-7.28e-03	0.0	1.14e-05	0.0
4	8	3.46e-04	0.0	-5.12e-03	0.0	3.53e-06	0.0
4	11	0.0	0.0	-4.60e-03	0.0	1.58e-06	0.0
5	1	4.48e-03	0.0	0.01	0.0	-2.11e-04	0.0
5	5	2.99e-03	0.0	8.09e-03	0.0	-1.41e-04	0.0
5	8	5.98e-04	0.0	-4.72e-03	0.0	-2.87e-05	0.0
5	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
5	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
6	1	4.49e-03	0.0	0.03	0.0	-1.96e-04	0.0
6	5	2.99e-03	0.0	0.02	0.0	-1.31e-04	0.0
6	8	5.99e-04	0.0	-2.05e-03	0.0	-2.73e-05	0.0
6	9	0.0	0.0	-7.92e-03	0.0	-1.46e-06	0.0
6	11	0.0	0.0	-7.90e-03	0.0	-1.46e-06	0.0
7	1	4.50e-03	0.0	0.05	0.0	-1.72e-04	0.0
7	5	3.00e-03	0.0	0.03	0.0	-1.15e-04	0.0
7	8	6.00e-04	0.0	5.36e-04	0.0	-2.47e-05	0.0
7	9	0.0	0.0	-7.86e-03	0.0	-2.16e-06	0.0
7	11	0.0	0.0	-7.84e-03	0.0	-2.16e-06	0.0
8	1	4.52e-03	0.0	0.07	0.0	-1.39e-04	0.0
8	5	3.01e-03	0.0	0.05	0.0	-9.29e-05	0.0
8	8	6.02e-04	0.0	3.00e-03	0.0	-2.09e-05	0.0
8	9	0.0	0.0	-7.78e-03	0.0	-2.90e-06	0.0
8	11	0.0	0.0	-7.76e-03	0.0	-2.90e-06	0.0
9	1	4.22e-03	0.0	0.07	0.0	-2.10e-05	0.0
9	5	2.82e-03	0.0	0.05	0.0	-1.47e-05	0.0
9	8	5.63e-04	0.0	3.98e-03	0.0	-6.73e-06	0.0
9	9	0.0	0.0	-6.75e-03	0.0	-4.74e-06	0.0
9	11	0.0	0.0	-6.73e-03	0.0	-4.74e-06	0.0
10	1	4.05e-03	0.0	0.06	0.0	1.20e-05	0.0
10	5	2.70e-03	0.0	0.04	0.0	7.34e-06	0.0

10	8	5.40e-04	0.0	3.30e-03	0.0	-2.53e-06	0.0
10	9	0.0	0.0	-6.30e-03	0.0	-5.00e-06	0.0
10	11	0.0	0.0	-6.28e-03	0.0	-5.00e-06	0.0
11	1	3.89e-03	0.0	0.06	0.0	3.77e-05	0.0
11	5	2.59e-03	0.0	0.04	0.0	2.45e-05	0.0
11	8	5.19e-04	0.0	2.62e-03	0.0	0.0	0.0
11	9	0.0	0.0	-5.91e-03	0.0	-5.03e-06	0.0
11	11	0.0	0.0	-5.89e-03	0.0	-5.03e-06	0.0
12	1	3.74e-03	0.0	0.05	0.0	5.78e-05	0.0
12	5	2.49e-03	0.0	0.03	0.0	3.79e-05	0.0
12	8	4.99e-04	0.0	1.94e-03	0.0	3.67e-06	0.0
12	9	0.0	0.0	-5.57e-03	0.0	-4.88e-06	0.0
12	11	0.0	0.0	-5.55e-03	0.0	-4.89e-06	0.0
13	1	3.60e-03	0.0	0.04	0.0	7.31e-05	0.0
13	5	2.40e-03	0.0	0.03	0.0	4.81e-05	0.0
13	8	4.80e-04	0.0	1.25e-03	0.0	5.93e-06	0.0
13	9	0.0	0.0	-5.27e-03	0.0	-4.60e-06	0.0
13	11	0.0	0.0	-5.25e-03	0.0	-4.60e-06	0.0
14	1	3.48e-03	0.0	0.04	0.0	8.38e-05	0.0
14	5	2.32e-03	0.0	0.02	0.0	5.53e-05	0.0
14	8	4.63e-04	0.0	5.61e-04	0.0	7.70e-06	0.0
14	9	0.0	0.0	-5.02e-03	0.0	-4.20e-06	0.0
14	11	0.0	0.0	-5.00e-03	0.0	-4.21e-06	0.0
15	1	3.36e-03	0.0	0.03	0.0	9.08e-05	0.0
15	5	2.24e-03	0.0	0.02	0.0	6.00e-05	0.0
15	8	4.48e-04	0.0	-1.32e-04	0.0	9.02e-06	0.0
15	9	0.0	0.0	-4.81e-03	0.0	-3.72e-06	0.0
15	11	0.0	0.0	-4.78e-03	0.0	-3.73e-06	0.0
16	1	3.25e-03	0.0	0.02	0.0	9.42e-05	0.0
16	5	2.17e-03	0.0	0.01	0.0	6.24e-05	0.0
16	8	4.33e-04	0.0	-8.15e-04	0.0	9.93e-06	0.0
16	9	0.0	0.0	-4.64e-03	0.0	-3.17e-06	0.0
16	11	0.0	0.0	-4.61e-03	0.0	-3.18e-06	0.0
17	1	3.15e-03	0.0	0.02	0.0	9.43e-05	0.0
17	5	2.10e-03	0.0	0.01	0.0	6.25e-05	0.0
17	8	4.20e-04	0.0	-1.48e-03	0.0	1.04e-05	0.0
17	9	0.0	0.0	-4.50e-03	0.0	-2.57e-06	0.0
17	11	0.0	0.0	-4.48e-03	0.0	-2.58e-06	0.0
18	1	3.06e-03	0.0	0.01	0.0	9.14e-05	0.0
18	5	2.04e-03	0.0	6.94e-03	0.0	6.06e-05	0.0
18	8	4.08e-04	0.0	-2.11e-03	0.0	1.06e-05	0.0
18	9	0.0	0.0	-4.41e-03	0.0	-1.95e-06	0.0
18	11	0.0	0.0	-4.38e-03	0.0	-1.96e-06	0.0
19	1	2.97e-03	0.0	6.48e-03	0.0	8.58e-05	0.0
19	5	1.98e-03	0.0	3.75e-03	0.0	5.70e-05	0.0
19	8	3.97e-04	0.0	-2.70e-03	0.0	1.03e-05	0.0
19	9	0.0	0.0	-4.35e-03	0.0	-1.32e-06	0.0
19	11	0.0	0.0	-4.32e-03	0.0	-1.33e-06	0.0
20	1	2.90e-03	0.0	2.27e-03	0.0	7.78e-05	0.0
20	4	2.37e-04	0.0	-3.40e-03	0.0	8.15e-06	0.0
20	5	1.93e-03	0.0	9.41e-04	0.0	5.18e-05	0.0
20	6	1.16e-03	0.0	-1.24e-03	0.0	3.08e-05	0.0
20	8	3.86e-04	0.0	-3.23e-03	0.0	9.78e-06	0.0
20	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
20	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
21	1	2.82e-03	0.0	-1.30e-03	0.0	6.77e-05	0.0
21	4	2.31e-04	0.0	-3.80e-03	0.0	7.53e-06	0.0
21	5	1.88e-03	0.0	-1.44e-03	0.0	4.51e-05	0.0
21	6	1.13e-03	0.0	-2.68e-03	0.0	2.71e-05	0.0
21	8	3.77e-04	0.0	-3.71e-03	0.0	8.93e-06	0.0
21	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
21	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
22	1	2.76e-03	0.0	-4.21e-03	0.0	5.62e-05	0.0
22	2	1.66e-03	0.0	-4.92e-03	0.0	3.40e-05	0.0
22	5	1.84e-03	0.0	-3.39e-03	0.0	3.75e-05	0.0
22	6	1.10e-03	0.0	-3.86e-03	0.0	2.27e-05	0.0
22	8	3.68e-04	0.0	-4.12e-03	0.0	7.85e-06	0.0
22	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
22	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
23	1	2.70e-03	0.0	-6.45e-03	0.0	4.38e-05	0.0
23	5	1.80e-03	0.0	-4.89e-03	0.0	2.93e-05	0.0
23	8	3.61e-04	0.0	-4.46e-03	0.0	6.59e-06	0.0
23	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
24	1	2.66e-03	0.0	-8.06e-03	0.0	3.17e-05	0.0
24	5	1.77e-03	0.0	-5.97e-03	0.0	2.13e-05	0.0
24	8	3.54e-04	0.0	-4.73e-03	0.0	5.29e-06	0.0
24	11	0.0	0.0	-4.44e-03	0.0	1.29e-06	0.0

25	1	2.62e-03	0.0	-9.16e-03	0.0	2.19e-05	0.0
25	5	1.74e-03	0.0	-6.71e-03	0.0	1.48e-05	0.0
25	8	3.49e-04	0.0	-4.94e-03	0.0	4.16e-06	0.0
25	11	0.0	0.0	-4.52e-03	0.0	1.51e-06	0.0
26	1	2.50e-03	3.53e-04	-9.87e-03	-3.49e-06	1.59e-05	0.0
26	5	1.67e-03	2.36e-04	-7.19e-03	-2.38e-06	1.08e-05	0.0
26	8	3.33e-04	4.71e-05	-5.10e-03	0.0	3.37e-06	0.0
26	11	0.0	0.0	-4.60e-03	0.0	1.53e-06	0.0
27	1	2.24e-03	6.12e-04	-9.48e-03	-6.15e-06	1.35e-05	0.0
27	5	1.49e-03	4.08e-04	-6.93e-03	-4.21e-06	9.20e-06	0.0
27	8	2.99e-04	8.16e-05	-5.05e-03	-1.47e-06	2.93e-06	0.0
27	11	0.0	0.0	-4.60e-03	0.0	1.37e-06	0.0
28	1	1.89e-03	7.07e-04	-8.86e-03	-7.37e-06	1.03e-05	0.0
28	5	1.26e-03	4.71e-04	-6.52e-03	-5.06e-06	6.99e-06	0.0
28	8	2.52e-04	9.42e-05	-4.97e-03	-1.90e-06	2.29e-06	0.0
28	11	0.0	0.0	-4.60e-03	-1.12e-06	1.12e-06	0.0
29	1	1.53e-03	6.12e-04	-8.05e-03	-6.92e-06	6.88e-06	0.0
29	5	1.02e-03	4.08e-04	-5.98e-03	-4.80e-06	4.69e-06	0.0
29	8	2.05e-04	8.16e-05	-4.86e-03	-2.05e-06	1.57e-06	0.0
29	11	0.0	0.0	-4.60e-03	-1.37e-06	0.0	0.0
30	1	1.28e-03	3.53e-04	-7.10e-03	-4.98e-06	4.21e-06	0.0
30	5	8.51e-04	2.36e-04	-5.35e-03	-3.52e-06	2.86e-06	0.0
30	8	1.70e-04	4.71e-05	-4.73e-03	-1.92e-06	0.0	0.0
30	11	0.0	0.0	-4.60e-03	-1.53e-06	0.0	0.0
31	1	1.18e-03	0.0	-6.09e-03	-2.10e-06	2.88e-06	0.0
31	2	7.09e-04	0.0	-6.20e-03	-2.16e-06	1.73e-06	0.0
31	5	7.88e-04	0.0	-4.67e-03	-1.61e-06	1.92e-06	0.0
31	6	4.73e-04	0.0	-4.75e-03	-1.65e-06	1.15e-06	0.0
31	8	1.58e-04	0.0	-4.60e-03	-1.58e-06	0.0	0.0
31	9	0.0	0.0	-4.63e-03	-1.59e-06	0.0	0.0
31	11	0.0	0.0	-4.60e-03	-1.58e-06	0.0	0.0
32	1	1.28e-03	-3.53e-04	-5.08e-03	0.0	3.12e-06	0.0
32	2	7.66e-04	-2.12e-04	-5.60e-03	0.0	1.64e-06	0.0
32	5	8.51e-04	-2.36e-04	-4.00e-03	0.0	2.03e-06	0.0
32	6	5.11e-04	-1.41e-04	-4.34e-03	0.0	1.04e-06	0.0
32	8	1.70e-04	-4.71e-05	-4.46e-03	-1.13e-06	0.0	0.0
32	9	0.0	0.0	-4.63e-03	-1.54e-06	0.0	0.0
32	11	0.0	0.0	-4.60e-03	-1.53e-06	0.0	0.0
33	1	1.53e-03	-6.12e-04	-4.13e-03	3.28e-06	4.77e-06	0.0
33	2	9.21e-04	-3.67e-04	-5.03e-03	1.19e-06	2.42e-06	0.0
33	5	1.02e-03	-4.08e-04	-3.37e-03	2.00e-06	3.08e-06	0.0
33	6	6.14e-04	-2.45e-04	-3.97e-03	0.0	1.51e-06	0.0
33	8	2.05e-04	-8.16e-05	-4.34e-03	0.0	0.0	0.0
33	9	0.0	0.0	-4.63e-03	-1.38e-06	0.0	0.0
33	11	0.0	0.0	-4.60e-03	-1.37e-06	0.0	0.0
34	1	1.89e-03	-7.07e-04	-3.32e-03	4.40e-06	7.28e-06	0.0
34	2	1.13e-03	-4.24e-04	-4.54e-03	2.01e-06	3.73e-06	0.0
34	5	1.26e-03	-4.71e-04	-2.83e-03	2.78e-06	4.70e-06	0.0
34	6	7.55e-04	-2.83e-04	-3.64e-03	1.19e-06	2.34e-06	0.0
34	8	2.52e-04	-9.42e-05	-4.23e-03	0.0	0.0	0.0
34	9	0.0	0.0	-4.63e-03	-1.13e-06	-1.13e-06	0.0
34	11	0.0	0.0	-4.60e-03	-1.12e-06	-1.12e-06	0.0
35	1	2.24e-03	-6.12e-04	-2.70e-03	4.05e-06	9.89e-06	0.0
35	4	1.84e-04	-5.01e-05	-4.21e-03	0.0	0.0	0.0
35	5	1.49e-03	-4.08e-04	-2.41e-03	2.59e-06	6.41e-06	0.0
35	6	8.97e-04	-2.45e-04	-3.39e-03	1.21e-06	3.26e-06	0.0
35	8	2.99e-04	-8.16e-05	-4.14e-03	0.0	0.0	0.0
35	9	0.0	0.0	-4.63e-03	0.0	-1.38e-06	0.0
35	11	0.0	0.0	-4.60e-03	0.0	-1.37e-06	0.0
36	1	2.50e-03	-3.53e-04	-2.31e-03	2.40e-06	1.18e-05	0.0
36	4	2.05e-04	-2.89e-05	-4.17e-03	0.0	0.0	0.0
36	5	1.67e-03	-2.36e-04	-2.15e-03	1.54e-06	7.68e-06	0.0
36	6	1.00e-03	-1.41e-04	-3.24e-03	0.0	3.95e-06	0.0
36	8	3.33e-04	-4.71e-05	-4.09e-03	0.0	0.0	0.0
36	9	0.0	0.0	-4.63e-03	0.0	-1.54e-06	0.0
36	11	0.0	0.0	-4.60e-03	0.0	-1.53e-06	0.0
37	1	2.59e-03	0.0	-2.18e-03	0.0	1.25e-05	0.0
37	4	2.13e-04	0.0	-4.16e-03	0.0	0.0	0.0
37	5	1.73e-03	0.0	-2.06e-03	0.0	8.15e-06	0.0
37	6	1.04e-03	0.0	-3.18e-03	0.0	4.21e-06	0.0
37	8	3.46e-04	0.0	-4.08e-03	0.0	0.0	0.0
37	9	0.0	0.0	-4.63e-03	0.0	-1.59e-06	0.0
37	11	0.0	0.0	-4.60e-03	0.0	-1.58e-06	0.0
38	1	2.50e-03	3.53e-04	-2.31e-03	-2.40e-06	1.18e-05	0.0
38	4	2.05e-04	2.89e-05	-4.17e-03	0.0	0.0	0.0
38	5	1.67e-03	2.36e-04	-2.15e-03	-1.54e-06	7.68e-06	0.0
38	6	1.00e-03	1.41e-04	-3.24e-03	0.0	3.95e-06	0.0

38	8	3.33e-04	4.71e-05	-4.09e-03	0.0	0.0	0.0
38	9	0.0	0.0	-4.63e-03	0.0	-1.54e-06	0.0
38	11	0.0	0.0	-4.60e-03	0.0	-1.53e-06	0.0
39	1	2.24e-03	6.12e-04	-2.70e-03	-4.05e-06	9.89e-06	0.0
39	4	1.84e-04	5.01e-05	-4.21e-03	0.0	0.0	0.0
39	5	1.49e-03	4.08e-04	-2.41e-03	-2.59e-06	6.41e-06	0.0
39	6	8.97e-04	2.45e-04	-3.39e-03	-1.21e-06	3.26e-06	0.0
39	8	2.99e-04	8.16e-05	-4.14e-03	0.0	0.0	0.0
39	9	0.0	0.0	-4.63e-03	0.0	-1.38e-06	0.0
39	11	0.0	0.0	-4.60e-03	0.0	-1.37e-06	0.0
40	1	1.89e-03	7.07e-04	-3.32e-03	-4.40e-06	7.28e-06	0.0
40	2	1.13e-03	4.24e-04	-4.54e-03	-2.01e-06	3.73e-06	0.0
40	5	1.26e-03	4.71e-04	-2.83e-03	-2.78e-06	4.70e-06	0.0
40	6	7.55e-04	2.83e-04	-3.64e-03	-1.19e-06	2.34e-06	0.0
40	8	2.52e-04	9.42e-05	-4.23e-03	0.0	0.0	0.0
40	9	0.0	0.0	-4.63e-03	1.13e-06	-1.13e-06	0.0
40	11	0.0	0.0	-4.60e-03	1.12e-06	-1.12e-06	0.0
41	1	1.53e-03	6.12e-04	-4.13e-03	-3.28e-06	4.77e-06	0.0
41	2	9.21e-04	3.67e-04	-5.03e-03	-1.19e-06	2.42e-06	0.0
41	5	1.02e-03	4.08e-04	-3.37e-03	-2.00e-06	3.08e-06	0.0
41	6	6.14e-04	2.45e-04	-3.97e-03	0.0	1.51e-06	0.0
41	8	2.05e-04	8.16e-05	-4.34e-03	0.0	0.0	0.0
41	9	0.0	0.0	-4.63e-03	1.38e-06	0.0	0.0
41	11	0.0	0.0	-4.60e-03	1.37e-06	0.0	0.0
42	1	1.28e-03	3.53e-04	-5.08e-03	0.0	3.12e-06	0.0
42	2	7.66e-04	2.12e-04	-5.60e-03	0.0	1.64e-06	0.0
42	5	8.51e-04	2.36e-04	-4.00e-03	0.0	2.03e-06	0.0
42	6	5.11e-04	1.41e-04	-4.34e-03	0.0	1.04e-06	0.0
42	8	1.70e-04	4.71e-05	-4.46e-03	1.13e-06	0.0	0.0
42	9	0.0	0.0	-4.63e-03	1.54e-06	0.0	0.0
42	11	0.0	0.0	-4.60e-03	1.53e-06	0.0	0.0
43	1	1.18e-03	0.0	-6.09e-03	2.10e-06	2.88e-06	0.0
43	2	7.09e-04	0.0	-6.20e-03	2.16e-06	1.73e-06	0.0
43	5	7.88e-04	0.0	-4.67e-03	1.61e-06	1.92e-06	0.0
43	6	4.73e-04	0.0	-4.75e-03	1.65e-06	1.15e-06	0.0
43	8	1.58e-04	0.0	-4.60e-03	1.58e-06	0.0	0.0
43	9	0.0	0.0	-4.63e-03	1.59e-06	0.0	0.0
43	11	0.0	0.0	-4.60e-03	1.58e-06	0.0	0.0
44	1	1.28e-03	-3.53e-04	-7.10e-03	4.98e-06	4.21e-06	0.0
44	5	8.51e-04	-2.36e-04	-5.35e-03	3.52e-06	2.86e-06	0.0
44	8	1.70e-04	-4.71e-05	-4.73e-03	1.92e-06	0.0	0.0
44	11	0.0	0.0	-4.60e-03	1.53e-06	0.0	0.0
45	1	1.53e-03	-6.12e-04	-8.05e-03	6.92e-06	6.88e-06	0.0
45	5	1.02e-03	-4.08e-04	-5.98e-03	4.80e-06	4.69e-06	0.0
45	8	2.05e-04	-8.16e-05	-4.86e-03	2.05e-06	1.57e-06	0.0
45	11	0.0	0.0	-4.60e-03	1.37e-06	0.0	0.0
46	1	1.89e-03	-7.07e-04	-8.86e-03	7.37e-06	1.03e-05	0.0
46	5	1.26e-03	-4.71e-04	-6.52e-03	5.06e-06	6.99e-06	0.0
46	8	2.52e-04	-9.42e-05	-4.97e-03	1.90e-06	2.29e-06	0.0
46	11	0.0	0.0	-4.60e-03	1.12e-06	1.12e-06	0.0
47	1	2.24e-03	-6.12e-04	-9.48e-03	6.15e-06	1.35e-05	0.0
47	5	1.49e-03	-4.08e-04	-6.93e-03	4.21e-06	9.20e-06	0.0
47	8	2.99e-04	-8.16e-05	-5.05e-03	1.47e-06	2.93e-06	0.0
47	11	0.0	0.0	-4.60e-03	0.0	1.37e-06	0.0
48	1	2.50e-03	-3.53e-04	-9.87e-03	3.49e-06	1.59e-05	0.0
48	5	1.67e-03	-2.36e-04	-7.19e-03	2.38e-06	1.08e-05	0.0
48	8	3.33e-04	-4.71e-05	-5.10e-03	0.0	3.37e-06	0.0
48	11	0.0	0.0	-4.60e-03	0.0	1.53e-06	0.0
49	1	4.53e-03	1.35e-05	0.08	-2.33e-05	-1.02e-04	0.0
49	5	3.02e-03	9.03e-06	0.05	-1.54e-05	-6.85e-05	0.0
49	8	6.04e-04	1.81e-06	4.86e-03	-2.32e-06	-1.65e-05	0.0
49	9	0.0	0.0	-7.67e-03	0.0	-3.56e-06	0.0
49	11	0.0	0.0	-7.65e-03	0.0	-3.56e-06	0.0
50	1	4.39e-03	6.31e-05	0.08	-2.98e-05	-7.16e-05	0.0
50	5	2.92e-03	4.21e-05	0.05	-1.97e-05	-4.83e-05	0.0
50	8	5.85e-04	8.41e-06	4.30e-03	-3.08e-06	-1.29e-05	0.0
50	9	0.0	0.0	-7.25e-03	1.08e-06	-4.05e-06	0.0
50	11	0.0	0.0	-7.23e-03	1.08e-06	-4.05e-06	0.0
51	1	4.48e-03	0.0	0.01	0.0	-2.11e-04	0.0
51	5	2.99e-03	0.0	7.54e-03	0.0	-1.41e-04	0.0
51	8	5.98e-04	0.0	-4.83e-03	0.0	-2.87e-05	0.0
51	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
51	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
52	1	4.49e-03	2.26e-06	0.03	-3.11e-06	-1.97e-04	0.0
52	5	2.99e-03	1.51e-06	0.02	-2.02e-06	-1.31e-04	0.0
52	8	5.99e-04	0.0	-2.25e-03	0.0	-2.74e-05	0.0
52	9	0.0	0.0	-7.92e-03	0.0	-1.41e-06	0.0

52	11	0.0	0.0	-7.90e-03	0.0	-1.41e-06	0.0
53	1	4.50e-03	4.98e-06	0.05	-7.66e-06	-1.74e-04	0.0
53	5	3.00e-03	3.32e-06	0.03	-5.03e-06	-1.16e-04	0.0
53	8	6.00e-04	0.0	2.51e-04	0.0	-2.50e-05	0.0
53	9	0.0	0.0	-7.86e-03	0.0	-2.09e-06	0.0
53	11	0.0	0.0	-7.84e-03	0.0	-2.09e-06	0.0
54	1	4.51e-03	8.73e-06	0.07	-1.43e-05	-1.43e-04	0.0
54	5	3.01e-03	5.82e-06	0.04	-9.43e-06	-9.56e-05	0.0
54	8	6.02e-04	1.16e-06	2.64e-03	-1.29e-06	-2.14e-05	0.0
54	9	0.0	0.0	-7.78e-03	0.0	-2.80e-06	0.0
54	11	0.0	0.0	-7.76e-03	0.0	-2.80e-06	0.0
55	1	4.19e-03	1.10e-04	0.07	-3.57e-05	-3.08e-05	0.0
55	5	2.80e-03	7.31e-05	0.04	-2.36e-05	-2.12e-05	0.0
55	8	5.59e-04	1.46e-05	3.61e-03	-3.74e-06	-7.90e-06	0.0
55	9	0.0	0.0	-6.75e-03	1.23e-06	-4.58e-06	0.0
55	11	0.0	0.0	-6.73e-03	1.23e-06	-4.58e-06	0.0
56	1	4.01e-03	1.43e-04	0.06	-3.91e-05	1.30e-06	0.0
56	5	2.67e-03	9.51e-05	0.04	-2.59e-05	0.0	0.0
56	8	5.35e-04	1.90e-05	2.97e-03	-4.14e-06	-3.82e-06	0.0
56	9	0.0	0.0	-6.30e-03	1.29e-06	-4.83e-06	0.0
56	11	0.0	0.0	-6.28e-03	1.29e-06	-4.83e-06	0.0
57	1	3.84e-03	1.68e-04	0.05	-4.09e-05	2.66e-05	0.0
57	5	2.56e-03	1.12e-04	0.04	-2.71e-05	1.71e-05	0.0
57	8	5.13e-04	2.24e-05	2.33e-03	-4.37e-06	0.0	0.0
57	9	0.0	0.0	-5.91e-03	1.30e-06	-4.86e-06	0.0
57	11	0.0	0.0	-5.89e-03	1.30e-06	-4.86e-06	0.0
58	1	3.69e-03	1.88e-04	0.05	-4.14e-05	4.65e-05	0.0
58	5	2.46e-03	1.25e-04	0.03	-2.75e-05	3.04e-05	0.0
58	8	4.92e-04	2.51e-05	1.69e-03	-4.48e-06	2.29e-06	0.0
58	9	0.0	0.0	-5.57e-03	1.26e-06	-4.72e-06	0.0
58	11	0.0	0.0	-5.55e-03	1.26e-06	-4.72e-06	0.0
59	1	3.55e-03	2.05e-04	0.04	-4.11e-05	6.18e-05	0.0
59	5	2.37e-03	1.37e-04	0.03	-2.72e-05	4.06e-05	0.0
59	8	4.73e-04	2.74e-05	1.03e-03	-4.49e-06	4.57e-06	0.0
59	9	0.0	0.0	-5.27e-03	1.19e-06	-4.44e-06	0.0
59	11	0.0	0.0	-5.25e-03	1.19e-06	-4.45e-06	0.0
60	1	3.42e-03	2.20e-04	0.03	-4.00e-05	7.29e-05	0.0
60	5	2.28e-03	1.47e-04	0.02	-2.65e-05	4.81e-05	0.0
60	8	4.56e-04	2.94e-05	3.71e-04	-4.43e-06	6.36e-06	0.0
60	9	0.0	0.0	-5.02e-03	1.09e-06	-4.06e-06	0.0
60	11	0.0	0.0	-5.00e-03	1.09e-06	-4.07e-06	0.0
61	1	3.30e-03	2.34e-04	0.03	-3.83e-05	8.04e-05	0.0
61	5	2.20e-03	1.56e-04	0.02	-2.54e-05	5.31e-05	0.0
61	8	4.40e-04	3.12e-05	-2.91e-04	-4.30e-06	7.73e-06	0.0
61	9	0.0	0.0	-4.81e-03	0.0	-3.59e-06	0.0
61	11	0.0	0.0	-4.78e-03	0.0	-3.60e-06	0.0
62	1	3.18e-03	2.46e-04	0.02	-3.60e-05	8.44e-05	0.0
62	5	2.12e-03	1.64e-04	0.01	-2.39e-05	5.58e-05	0.0
62	8	4.25e-04	3.28e-05	-9.44e-04	-4.12e-06	8.71e-06	0.0
62	9	0.0	0.0	-4.64e-03	0.0	-3.06e-06	0.0
62	11	0.0	0.0	-4.61e-03	0.0	-3.07e-06	0.0
63	1	3.08e-03	2.58e-04	0.02	-3.33e-05	8.52e-05	0.0
63	5	2.05e-03	1.72e-04	9.96e-03	-2.21e-05	5.65e-05	0.0
63	8	4.11e-04	3.43e-05	-1.58e-03	-3.89e-06	9.29e-06	0.0
63	9	0.0	0.0	-4.50e-03	0.0	-2.49e-06	0.0
63	11	0.0	0.0	-4.48e-03	0.0	-2.50e-06	0.0
64	1	2.99e-03	2.69e-04	0.01	-3.02e-05	8.32e-05	0.0
64	5	1.99e-03	1.79e-04	6.55e-03	-2.01e-05	5.52e-05	0.0
64	8	3.98e-04	3.58e-05	-2.18e-03	-3.61e-06	9.52e-06	0.0
64	9	0.0	0.0	-4.41e-03	0.0	-1.88e-06	0.0
64	11	0.0	0.0	-4.38e-03	0.0	-1.89e-06	0.0
65	1	2.90e-03	2.79e-04	6.07e-03	-2.68e-05	7.85e-05	0.0
65	5	1.93e-03	1.86e-04	3.47e-03	-1.78e-05	5.22e-05	0.0
65	8	3.87e-04	3.72e-05	-2.75e-03	-3.29e-06	9.40e-06	0.0
65	9	0.0	0.0	-4.35e-03	0.0	-1.27e-06	0.0
65	11	0.0	0.0	-4.32e-03	0.0	-1.29e-06	0.0
66	1	2.82e-03	2.90e-04	2.00e-03	-2.31e-05	7.16e-05	0.0
66	4	2.31e-04	2.37e-05	-3.43e-03	-2.44e-06	7.47e-06	0.0
66	5	1.88e-03	1.93e-04	7.61e-04	-1.54e-05	4.76e-05	0.0
66	6	1.13e-03	1.16e-04	-1.35e-03	-9.16e-06	2.83e-05	0.0
66	8	3.76e-04	3.86e-05	-3.27e-03	-2.93e-06	8.97e-06	0.0
66	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
66	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
67	1	2.74e-03	3.00e-04	-1.45e-03	-1.92e-05	6.25e-05	0.0
67	4	2.25e-04	2.46e-05	-3.82e-03	-2.14e-06	6.95e-06	0.0
67	5	1.83e-03	2.00e-04	-1.54e-03	-1.28e-05	4.17e-05	0.0
67	6	1.10e-03	1.20e-04	-2.74e-03	-7.67e-06	2.50e-05	0.0

67	8	3.66e-04	4.00e-05	-3.73e-03	-2.53e-06	8.25e-06	0.0
67	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
67	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
68	1	2.68e-03	3.10e-04	-4.27e-03	-1.52e-05	5.21e-05	0.0
68	2	1.61e-03	1.86e-04	-4.95e-03	-9.22e-06	3.16e-05	0.0
68	5	1.79e-03	2.07e-04	-3.42e-03	-1.02e-05	3.48e-05	0.0
68	6	1.07e-03	1.24e-04	-3.88e-03	-6.16e-06	2.11e-05	0.0
68	8	3.57e-04	4.14e-05	-4.13e-03	-2.12e-06	7.30e-06	0.0
68	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
68	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
69	1	2.62e-03	3.21e-04	-6.43e-03	-1.13e-05	4.08e-05	0.0
69	5	1.75e-03	2.14e-04	-4.87e-03	-7.58e-06	2.73e-05	0.0
69	8	3.49e-04	4.27e-05	-4.46e-03	-1.70e-06	6.17e-06	0.0
69	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
70	1	2.57e-03	3.31e-04	-7.99e-03	-7.74e-06	2.97e-05	0.0
70	5	1.71e-03	2.21e-04	-5.92e-03	-5.21e-06	2.00e-05	0.0
70	8	3.42e-04	4.41e-05	-4.72e-03	-1.31e-06	4.98e-06	0.0
70	11	0.0	0.0	-4.44e-03	0.0	1.24e-06	0.0
71	1	2.53e-03	3.42e-04	-9.05e-03	-4.94e-06	2.06e-05	0.0
71	5	1.68e-03	2.28e-04	-6.64e-03	-3.34e-06	1.40e-05	0.0
71	8	3.37e-04	4.56e-05	-4.93e-03	0.0	3.95e-06	0.0
71	11	0.0	0.0	-4.52e-03	0.0	1.46e-06	0.0
72	1	4.53e-03	-1.35e-05	0.08	2.33e-05	-1.02e-04	0.0
72	5	3.02e-03	-9.03e-06	0.05	1.54e-05	-6.85e-05	0.0
72	8	6.04e-04	-1.81e-06	4.86e-03	2.32e-06	-1.65e-05	0.0
72	9	0.0	0.0	-7.67e-03	0.0	-3.56e-06	0.0
72	11	0.0	0.0	-7.65e-03	0.0	-3.56e-06	0.0
73	1	4.39e-03	-6.31e-05	0.08	2.98e-05	-7.16e-05	0.0
73	5	2.92e-03	-4.21e-05	0.05	1.97e-05	-4.83e-05	0.0
73	8	5.85e-04	-8.41e-06	4.30e-03	3.08e-06	-1.29e-05	0.0
73	9	0.0	0.0	-7.25e-03	-1.08e-06	-4.05e-06	0.0
73	11	0.0	0.0	-7.23e-03	-1.08e-06	-4.05e-06	0.0
74	1	4.48e-03	0.0	0.01	0.0	-2.11e-04	0.0
74	5	2.99e-03	0.0	7.54e-03	0.0	-1.41e-04	0.0
74	8	5.98e-04	0.0	-4.83e-03	0.0	-2.87e-05	0.0
74	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
74	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
75	1	4.49e-03	-2.26e-06	0.03	3.11e-06	-1.97e-04	0.0
75	5	2.99e-03	-1.51e-06	0.02	2.02e-06	-1.31e-04	0.0
75	8	5.99e-04	0.0	-2.25e-03	0.0	-2.74e-05	0.0
75	9	0.0	0.0	-7.92e-03	0.0	-1.41e-06	0.0
75	11	0.0	0.0	-7.90e-03	0.0	-1.41e-06	0.0
76	1	4.50e-03	-4.98e-06	0.05	7.66e-06	-1.74e-04	0.0
76	5	3.00e-03	-3.32e-06	0.03	5.03e-06	-1.16e-04	0.0
76	8	6.00e-04	0.0	2.51e-04	0.0	-2.50e-05	0.0
76	9	0.0	0.0	-7.86e-03	0.0	-2.09e-06	0.0
76	11	0.0	0.0	-7.84e-03	0.0	-2.09e-06	0.0
77	1	4.51e-03	-8.73e-06	0.07	1.43e-05	-1.43e-04	0.0
77	5	3.01e-03	-5.82e-06	0.04	9.43e-06	-9.56e-05	0.0
77	8	6.02e-04	-1.16e-06	2.64e-03	1.29e-06	-2.14e-05	0.0
77	9	0.0	0.0	-7.78e-03	0.0	-2.80e-06	0.0
77	11	0.0	0.0	-7.76e-03	0.0	-2.80e-06	0.0
78	1	4.19e-03	-1.10e-04	0.07	3.57e-05	-3.08e-05	0.0
78	5	2.80e-03	-7.31e-05	0.04	2.36e-05	-2.12e-05	0.0
78	8	5.59e-04	-1.46e-05	3.61e-03	3.74e-06	-7.90e-06	0.0
78	9	0.0	0.0	-6.75e-03	-1.23e-06	-4.58e-06	0.0
78	11	0.0	0.0	-6.73e-03	-1.23e-06	-4.58e-06	0.0
79	1	4.01e-03	-1.43e-04	0.06	3.91e-05	1.30e-06	0.0
79	5	2.67e-03	-9.51e-05	0.04	2.59e-05	0.0	0.0
79	8	5.35e-04	-1.90e-05	2.97e-03	4.14e-06	-3.82e-06	0.0
79	9	0.0	0.0	-6.30e-03	-1.29e-06	-4.83e-06	0.0
79	11	0.0	0.0	-6.28e-03	-1.29e-06	-4.83e-06	0.0
80	1	3.84e-03	-1.68e-04	0.05	4.09e-05	2.66e-05	0.0
80	5	2.56e-03	-1.12e-04	0.04	2.71e-05	1.71e-05	0.0
80	8	5.13e-04	-2.24e-05	2.33e-03	4.37e-06	0.0	0.0
80	9	0.0	0.0	-5.91e-03	-1.30e-06	-4.86e-06	0.0
80	11	0.0	0.0	-5.89e-03	-1.30e-06	-4.86e-06	0.0
81	1	3.69e-03	-1.88e-04	0.05	4.14e-05	4.65e-05	0.0
81	5	2.46e-03	-1.25e-04	0.03	2.75e-05	3.04e-05	0.0
81	8	4.92e-04	-2.51e-05	1.69e-03	4.48e-06	2.29e-06	0.0
81	9	0.0	0.0	-5.57e-03	-1.26e-06	-4.72e-06	0.0
81	11	0.0	0.0	-5.55e-03	-1.26e-06	-4.72e-06	0.0
82	1	3.55e-03	-2.05e-04	0.04	4.11e-05	6.18e-05	0.0
82	5	2.37e-03	-1.37e-04	0.03	2.72e-05	4.06e-05	0.0
82	8	4.73e-04	-2.74e-05	1.03e-03	4.49e-06	4.57e-06	0.0
82	9	0.0	0.0	-5.27e-03	-1.19e-06	-4.44e-06	0.0
82	11	0.0	0.0	-5.25e-03	-1.19e-06	-4.45e-06	0.0

83	1	3.42e-03	-2.20e-04	0.03	4.00e-05	7.29e-05	0.0
83	5	2.28e-03	-1.47e-04	0.02	2.65e-05	4.81e-05	0.0
83	8	4.56e-04	-2.94e-05	3.71e-04	4.43e-06	6.36e-06	0.0
83	9	0.0	0.0	-5.02e-03	-1.09e-06	-4.06e-06	0.0
83	11	0.0	0.0	-5.00e-03	-1.09e-06	-4.07e-06	0.0
84	1	3.30e-03	-2.34e-04	0.03	3.83e-05	8.04e-05	0.0
84	5	2.20e-03	-1.56e-04	0.02	2.54e-05	5.31e-05	0.0
84	8	4.40e-04	-3.12e-05	-2.91e-04	4.30e-06	7.73e-06	0.0
84	9	0.0	0.0	-4.81e-03	0.0	-3.59e-06	0.0
84	11	0.0	0.0	-4.78e-03	0.0	-3.60e-06	0.0
85	1	3.18e-03	-2.46e-04	0.02	3.60e-05	8.44e-05	0.0
85	5	2.12e-03	-1.64e-04	0.01	2.39e-05	5.58e-05	0.0
85	8	4.25e-04	-3.28e-05	-9.44e-04	4.12e-06	8.71e-06	0.0
85	9	0.0	0.0	-4.64e-03	0.0	-3.06e-06	0.0
85	11	0.0	0.0	-4.61e-03	0.0	-3.07e-06	0.0
86	1	3.08e-03	-2.58e-04	0.02	3.33e-05	8.52e-05	0.0
86	5	2.05e-03	-1.72e-04	9.96e-03	2.21e-05	5.65e-05	0.0
86	8	4.11e-04	-3.43e-05	-1.58e-03	3.89e-06	9.29e-06	0.0
86	9	0.0	0.0	-4.50e-03	0.0	-2.49e-06	0.0
86	11	0.0	0.0	-4.48e-03	0.0	-2.50e-06	0.0
87	1	2.99e-03	-2.69e-04	0.01	3.02e-05	8.32e-05	0.0
87	5	1.99e-03	-1.79e-04	6.55e-03	2.01e-05	5.52e-05	0.0
87	8	3.98e-04	-3.58e-05	-2.18e-03	3.61e-06	9.52e-06	0.0
87	9	0.0	0.0	-4.41e-03	0.0	-1.88e-06	0.0
87	11	0.0	0.0	-4.38e-03	0.0	-1.89e-06	0.0
88	1	2.90e-03	-2.79e-04	6.07e-03	2.68e-05	7.85e-05	0.0
88	5	1.93e-03	-1.86e-04	3.47e-03	1.78e-05	5.22e-05	0.0
88	8	3.87e-04	-3.72e-05	-2.75e-03	3.29e-06	9.40e-06	0.0
88	9	0.0	0.0	-4.35e-03	0.0	-1.27e-06	0.0
88	11	0.0	0.0	-4.32e-03	0.0	-1.29e-06	0.0
89	1	2.82e-03	-2.90e-04	2.00e-03	2.31e-05	7.16e-05	0.0
89	4	2.31e-04	-2.37e-05	-3.43e-03	2.44e-06	7.47e-06	0.0
89	5	1.88e-03	-1.93e-04	7.61e-04	1.54e-05	4.76e-05	0.0
89	6	1.13e-03	-1.16e-04	-1.35e-03	9.16e-06	2.83e-05	0.0
89	8	3.76e-04	-3.86e-05	-3.27e-03	2.93e-06	8.97e-06	0.0
89	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
89	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
90	1	2.74e-03	-3.00e-04	-1.45e-03	1.92e-05	6.25e-05	0.0
90	4	2.25e-04	-2.46e-05	-3.82e-03	2.14e-06	6.95e-06	0.0
90	5	1.83e-03	-2.00e-04	-1.54e-03	1.28e-05	4.17e-05	0.0
90	6	1.10e-03	-1.20e-04	-2.74e-03	7.67e-06	2.50e-05	0.0
90	8	3.66e-04	-4.00e-05	-3.73e-03	2.53e-06	8.25e-06	0.0
90	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
90	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
91	1	2.68e-03	-3.10e-04	-4.27e-03	1.52e-05	5.21e-05	0.0
91	2	1.61e-03	-1.86e-04	-4.95e-03	9.22e-06	3.16e-05	0.0
91	5	1.79e-03	-2.07e-04	-3.42e-03	1.02e-05	3.48e-05	0.0
91	6	1.07e-03	-1.24e-04	-3.88e-03	6.16e-06	2.11e-05	0.0
91	8	3.57e-04	-4.14e-05	-4.13e-03	2.12e-06	7.30e-06	0.0
91	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
91	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
92	1	2.62e-03	-3.21e-04	-6.43e-03	1.13e-05	4.08e-05	0.0
92	5	1.75e-03	-2.14e-04	-4.87e-03	7.58e-06	2.73e-05	0.0
92	8	3.49e-04	-4.27e-05	-4.46e-03	1.70e-06	6.17e-06	0.0
92	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
93	1	2.57e-03	-3.31e-04	-7.99e-03	7.74e-06	2.97e-05	0.0
93	5	1.71e-03	-2.21e-04	-5.92e-03	5.21e-06	2.00e-05	0.0
93	8	3.42e-04	-4.41e-05	-4.72e-03	1.31e-06	4.98e-06	0.0
93	11	0.0	0.0	-4.44e-03	0.0	1.24e-06	0.0
94	1	2.53e-03	-3.42e-04	-9.05e-03	4.94e-06	2.06e-05	0.0
94	5	1.68e-03	-2.28e-04	-6.64e-03	3.34e-06	1.40e-05	0.0
94	8	3.37e-04	-4.56e-05	-4.93e-03	0.0	3.95e-06	0.0
94	11	0.0	0.0	-4.52e-03	0.0	1.46e-06	0.0
95	1	4.52e-03	2.35e-05	0.07	-4.01e-05	-1.20e-04	0.0
95	5	3.01e-03	1.56e-05	0.05	-2.65e-05	-8.01e-05	0.0
95	8	6.03e-04	3.13e-06	3.57e-03	-3.83e-06	-1.86e-05	0.0
95	9	0.0	0.0	-7.67e-03	1.84e-06	-3.19e-06	0.0
95	11	0.0	0.0	-7.65e-03	1.84e-06	-3.19e-06	0.0
96	1	4.34e-03	1.09e-04	0.07	-5.13e-05	-9.39e-05	0.0
96	5	2.89e-03	7.29e-05	0.04	-3.39e-05	-6.31e-05	0.0
96	8	5.79e-04	1.46e-05	3.11e-03	-5.11e-06	-1.55e-05	0.0
96	9	0.0	0.0	-7.25e-03	2.09e-06	-3.63e-06	0.0
96	11	0.0	0.0	-7.23e-03	2.10e-06	-3.63e-06	0.0
97	1	4.48e-03	0.0	0.01	0.0	-2.11e-04	0.0
97	5	2.99e-03	0.0	5.94e-03	0.0	-1.41e-04	0.0
97	8	5.98e-04	0.0	-5.15e-03	0.0	-2.87e-05	0.0
97	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0

97	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
98	1	4.49e-03	3.92e-06	0.03	-5.29e-06	-1.99e-04	0.0
98	5	2.99e-03	2.61e-06	0.02	-3.43e-06	-1.33e-04	0.0
98	8	5.98e-04	0.0	-2.84e-03	0.0	-2.76e-05	0.0
98	9	0.0	0.0	-7.92e-03	0.0	-1.27e-06	0.0
98	11	0.0	0.0	-7.90e-03	0.0	-1.27e-06	0.0
99	1	4.50e-03	8.63e-06	0.04	-1.31e-05	-1.80e-04	0.0
99	5	3.00e-03	5.75e-06	0.03	-8.60e-06	-1.20e-04	0.0
99	8	6.00e-04	1.15e-06	-5.86e-04	0.0	-2.56e-05	0.0
99	9	0.0	0.0	-7.86e-03	1.08e-06	-1.87e-06	0.0
99	11	0.0	0.0	-7.84e-03	1.08e-06	-1.87e-06	0.0
100	1	4.51e-03	1.51e-05	0.06	-2.46e-05	-1.54e-04	0.0
100	5	3.01e-03	1.01e-05	0.04	-1.62e-05	-1.03e-04	0.0
100	8	6.01e-04	2.02e-06	1.56e-03	-2.08e-06	-2.26e-05	0.0
100	9	0.0	0.0	-7.78e-03	1.45e-06	-2.51e-06	0.0
100	11	0.0	0.0	-7.76e-03	1.45e-06	-2.51e-06	0.0
101	1	4.11e-03	1.90e-04	0.06	-6.15e-05	-5.75e-05	0.0
101	5	2.74e-03	1.27e-04	0.04	-4.07e-05	-3.89e-05	0.0
101	8	5.48e-04	2.53e-05	2.55e-03	-6.24e-06	-1.11e-05	0.0
101	9	0.0	0.0	-6.75e-03	2.37e-06	-4.10e-06	0.0
101	11	0.0	0.0	-6.73e-03	2.37e-06	-4.11e-06	0.0
102	1	3.91e-03	2.47e-04	0.05	-6.74e-05	-2.79e-05	0.0
102	5	2.60e-03	1.65e-04	0.04	-4.46e-05	-1.92e-05	0.0
102	8	5.21e-04	3.29e-05	2.01e-03	-6.92e-06	-7.30e-06	0.0
102	9	0.0	0.0	-6.30e-03	2.50e-06	-4.33e-06	0.0
102	11	0.0	0.0	-6.28e-03	2.50e-06	-4.33e-06	0.0
103	1	3.72e-03	2.91e-04	0.05	-7.05e-05	-3.94e-06	0.0
103	5	2.48e-03	1.94e-04	0.03	-4.66e-05	-3.21e-06	0.0
103	8	4.96e-04	3.88e-05	1.48e-03	-7.31e-06	-4.13e-06	0.0
103	9	0.0	0.0	-5.91e-03	2.51e-06	-4.35e-06	0.0
103	11	0.0	0.0	-5.89e-03	2.52e-06	-4.36e-06	0.0
104	1	3.55e-03	3.26e-04	0.04	-7.15e-05	1.56e-05	0.0
104	5	2.37e-03	2.17e-04	0.03	-4.73e-05	9.83e-06	0.0
104	8	4.74e-04	4.34e-05	9.40e-04	-7.51e-06	-1.42e-06	0.0
104	9	0.0	0.0	-5.57e-03	2.44e-06	-4.23e-06	0.0
104	11	0.0	0.0	-5.55e-03	2.44e-06	-4.23e-06	0.0
105	1	3.40e-03	3.55e-04	0.04	-7.08e-05	3.12e-05	0.0
105	5	2.26e-03	2.37e-04	0.02	-4.69e-05	2.03e-05	0.0
105	8	4.53e-04	4.74e-05	3.83e-04	-7.54e-06	0.0	0.0
105	9	0.0	0.0	-5.27e-03	2.30e-06	-3.98e-06	0.0
105	11	0.0	0.0	-5.25e-03	2.30e-06	-3.99e-06	0.0
106	1	3.26e-03	3.81e-04	0.03	-6.90e-05	4.32e-05	0.0
106	5	2.17e-03	2.54e-04	0.02	-4.57e-05	2.83e-05	0.0
106	8	4.34e-04	5.09e-05	-1.84e-04	-7.46e-06	2.74e-06	0.0
106	9	0.0	0.0	-5.02e-03	2.10e-06	-3.64e-06	0.0
106	11	0.0	0.0	-5.00e-03	2.10e-06	-3.64e-06	0.0
107	1	3.13e-03	4.05e-04	0.02	-6.60e-05	5.19e-05	0.0
107	5	2.08e-03	2.70e-04	0.02	-4.38e-05	3.42e-05	0.0
107	8	4.17e-04	5.40e-05	-7.55e-04	-7.26e-06	4.25e-06	0.0
107	9	0.0	0.0	-4.81e-03	1.86e-06	-3.22e-06	0.0
107	11	0.0	0.0	-4.78e-03	1.86e-06	-3.23e-06	0.0
108	1	3.00e-03	4.26e-04	0.02	-6.22e-05	5.77e-05	0.0
108	5	2.00e-03	2.84e-04	0.01	-4.12e-05	3.81e-05	0.0
108	8	4.01e-04	5.68e-05	-1.32e-03	-6.97e-06	5.41e-06	0.0
108	9	0.0	0.0	-4.64e-03	1.58e-06	-2.74e-06	0.0
108	11	0.0	0.0	-4.61e-03	1.59e-06	-2.75e-06	0.0
109	1	2.89e-03	4.46e-04	0.01	-5.75e-05	6.05e-05	0.0
109	5	1.93e-03	2.97e-04	8.46e-03	-3.82e-05	4.01e-05	0.0
109	8	3.86e-04	5.95e-05	-1.88e-03	-6.60e-06	6.22e-06	0.0
109	9	0.0	0.0	-4.50e-03	1.29e-06	-2.23e-06	0.0
109	11	0.0	0.0	-4.48e-03	1.29e-06	-2.24e-06	0.0
110	1	2.79e-03	4.65e-04	8.99e-03	-5.22e-05	6.08e-05	0.0
110	5	1.86e-03	3.10e-04	5.41e-03	-3.47e-05	4.03e-05	0.0
110	8	3.72e-04	6.20e-05	-2.41e-03	-6.14e-06	6.70e-06	0.0
110	9	0.0	0.0	-4.41e-03	0.0	-1.69e-06	0.0
110	11	0.0	0.0	-4.38e-03	0.0	-1.70e-06	0.0
111	1	2.69e-03	4.84e-04	4.85e-03	-4.63e-05	5.88e-05	0.0
111	5	1.80e-03	3.23e-04	2.66e-03	-3.08e-05	3.90e-05	0.0
111	8	3.59e-04	6.45e-05	-2.91e-03	-5.62e-06	6.88e-06	0.0
111	9	0.0	0.0	-4.35e-03	0.0	-1.14e-06	0.0
111	11	0.0	0.0	-4.32e-03	0.0	-1.15e-06	0.0
112	1	2.61e-03	5.02e-04	1.21e-03	-4.00e-05	5.46e-05	0.0
112	4	2.13e-04	4.11e-05	-3.52e-03	-4.20e-06	5.62e-06	0.0
112	5	1.74e-03	3.35e-04	2.31e-04	-2.66e-05	3.63e-05	0.0
112	6	1.04e-03	2.01e-04	-1.67e-03	-1.58e-05	2.16e-05	0.0
112	8	3.48e-04	6.69e-05	-3.37e-03	-5.03e-06	6.76e-06	0.0
112	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0

112	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
113	1	2.52e-03	5.20e-04	-1.89e-03	-3.32e-05	4.85e-05	0.0
113	4	2.07e-04	4.26e-05	-3.87e-03	-3.69e-06	5.38e-06	0.0
113	5	1.68e-03	3.46e-04	-1.83e-03	-2.21e-05	3.23e-05	0.0
113	6	1.01e-03	2.08e-04	-2.91e-03	-1.33e-05	1.94e-05	0.0
113	8	3.37e-04	6.93e-05	-3.79e-03	-4.38e-06	6.38e-06	0.0
113	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
113	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
114	1	2.45e-03	5.37e-04	-4.42e-03	-2.64e-05	4.10e-05	0.0
114	2	1.47e-03	3.22e-04	-5.04e-03	-1.60e-05	2.49e-05	0.0
114	5	1.63e-03	3.58e-04	-3.52e-03	-1.76e-05	2.74e-05	0.0
114	6	9.80e-04	2.15e-04	-3.94e-03	-1.07e-05	1.66e-05	0.0
114	8	3.27e-04	7.17e-05	-4.15e-03	-3.70e-06	5.78e-06	0.0
114	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
114	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
115	1	2.38e-03	5.55e-04	-6.36e-03	-1.97e-05	3.26e-05	0.0
115	5	1.59e-03	3.70e-04	-4.83e-03	-1.32e-05	2.19e-05	0.0
115	8	3.18e-04	7.40e-05	-4.45e-03	-3.00e-06	5.00e-06	0.0
115	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
116	1	2.32e-03	5.73e-04	-7.77e-03	-1.35e-05	2.42e-05	0.0
116	5	1.55e-03	3.82e-04	-5.77e-03	-9.09e-06	1.63e-05	0.0
116	8	3.10e-04	7.65e-05	-4.69e-03	-2.33e-06	4.14e-06	0.0
116	11	0.0	0.0	-4.44e-03	0.0	1.11e-06	0.0
117	1	2.28e-03	5.92e-04	-8.74e-03	-8.65e-06	1.72e-05	0.0
117	5	1.52e-03	3.95e-04	-6.43e-03	-5.87e-06	1.16e-05	0.0
117	8	3.03e-04	7.90e-05	-4.88e-03	-1.77e-06	3.37e-06	0.0
117	11	0.0	0.0	-4.52e-03	0.0	1.31e-06	0.0
118	1	4.51e-03	2.71e-05	0.06	-4.57e-05	-1.43e-04	0.0
118	5	3.01e-03	1.81e-05	0.04	-3.01e-05	-9.59e-05	0.0
118	8	6.01e-04	3.61e-06	1.51e-03	-3.95e-06	-2.13e-05	0.0
118	9	0.0	0.0	-7.67e-03	2.60e-06	-2.60e-06	0.0
118	11	0.0	0.0	-7.65e-03	2.60e-06	-2.60e-06	0.0
119	1	4.28e-03	1.26e-04	0.05	-5.86e-05	-1.24e-04	0.0
119	5	2.85e-03	8.41e-05	0.03	-3.87e-05	-8.32e-05	0.0
119	8	5.70e-04	1.68e-05	1.21e-03	-5.36e-06	-1.90e-05	0.0
119	9	0.0	0.0	-7.25e-03	2.96e-06	-2.96e-06	0.0
119	11	0.0	0.0	-7.23e-03	2.96e-06	-2.96e-06	0.0
120	1	4.48e-03	1.04e-06	6.66e-03	0.0	-2.11e-04	0.0
120	5	2.99e-03	0.0	3.38e-03	0.0	-1.41e-04	0.0
120	8	5.98e-04	0.0	-5.66e-03	0.0	-2.86e-05	0.0
120	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
120	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
121	1	4.49e-03	4.53e-06	0.02	-5.86e-06	-2.02e-04	0.0
121	5	2.99e-03	3.02e-06	0.01	-3.77e-06	-1.35e-04	0.0
121	8	5.98e-04	0.0	-3.77e-03	0.0	-2.78e-05	0.0
121	9	0.0	0.0	-7.92e-03	1.03e-06	-1.03e-06	0.0
121	11	0.0	0.0	-7.90e-03	1.03e-06	-1.03e-06	0.0
122	1	4.49e-03	9.96e-06	0.03	-1.48e-05	-1.88e-04	0.0
122	5	2.99e-03	6.64e-06	0.02	-9.65e-06	-1.26e-04	0.0
122	8	5.99e-04	1.33e-06	-1.92e-03	0.0	-2.63e-05	0.0
122	9	0.0	0.0	-7.86e-03	1.53e-06	-1.53e-06	0.0
122	11	0.0	0.0	-7.84e-03	1.53e-06	-1.53e-06	0.0
123	1	4.50e-03	1.75e-05	0.05	-2.79e-05	-1.68e-04	0.0
123	5	3.00e-03	1.16e-05	0.03	-1.83e-05	-1.12e-04	0.0
123	8	6.00e-04	2.33e-06	-1.48e-04	-2.02e-06	-2.41e-05	0.0
123	9	0.0	0.0	-7.78e-03	2.05e-06	-2.05e-06	0.0
123	11	0.0	0.0	-7.76e-03	2.05e-06	-2.05e-06	0.0
124	1	4.00e-03	2.19e-04	0.05	-7.02e-05	-9.38e-05	0.0
124	5	2.67e-03	1.46e-04	0.03	-4.64e-05	-6.30e-05	0.0
124	8	5.34e-04	2.92e-05	8.44e-04	-6.59e-06	-1.53e-05	0.0
124	9	0.0	0.0	-6.75e-03	3.35e-06	-3.35e-06	0.0
124	11	0.0	0.0	-6.73e-03	3.35e-06	-3.35e-06	0.0
125	1	3.76e-03	2.85e-04	0.04	-7.70e-05	-6.77e-05	0.0
125	5	2.51e-03	1.90e-04	0.03	-5.08e-05	-4.56e-05	0.0
125	8	5.02e-04	3.80e-05	4.91e-04	-7.34e-06	-1.19e-05	0.0
125	9	0.0	0.0	-6.30e-03	3.53e-06	-3.53e-06	0.0
125	11	0.0	0.0	-6.28e-03	3.54e-06	-3.54e-06	0.0
126	1	3.55e-03	3.36e-04	0.04	-8.05e-05	-4.55e-05	0.0
126	5	2.37e-03	2.24e-04	0.02	-5.32e-05	-3.08e-05	0.0
126	8	4.74e-04	4.48e-05	1.29e-04	-7.79e-06	-9.00e-06	0.0
126	9	0.0	0.0	-5.91e-03	3.55e-06	-3.55e-06	0.0
126	11	0.0	0.0	-5.89e-03	3.56e-06	-3.56e-06	0.0
127	1	3.36e-03	3.76e-04	0.03	-8.17e-05	-2.65e-05	0.0
127	5	2.24e-03	2.51e-04	0.02	-5.40e-05	-1.81e-05	0.0
127	8	4.49e-04	5.02e-05	-2.50e-04	-8.03e-06	-6.39e-06	0.0
127	9	0.0	0.0	-5.57e-03	3.45e-06	-3.45e-06	0.0
127	11	0.0	0.0	-5.55e-03	3.46e-06	-3.46e-06	0.0

128	1	3.19e-03	4.10e-04	0.03	-8.10e-05	-1.04e-05	0.0
128	5	2.13e-03	2.74e-04	0.02	-5.36e-05	-7.39e-06	0.0
128	8	4.26e-04	5.47e-05	-6.51e-04	-8.11e-06	-4.08e-06	0.0
128	9	0.0	0.0	-5.27e-03	3.25e-06	-3.25e-06	0.0
128	11	0.0	0.0	-5.25e-03	3.25e-06	-3.25e-06	0.0
129	1	3.04e-03	4.40e-04	0.02	-7.90e-05	2.63e-06	0.0
129	5	2.02e-03	2.94e-04	0.01	-5.22e-05	1.36e-06	0.0
129	8	4.05e-04	5.87e-05	-1.07e-03	-8.06e-06	-2.11e-06	0.0
129	9	0.0	0.0	-5.02e-03	2.97e-06	-2.97e-06	0.0
129	11	0.0	0.0	-5.00e-03	2.98e-06	-2.98e-06	0.0
130	1	2.89e-03	4.67e-04	0.02	-7.56e-05	1.31e-05	0.0
130	5	1.93e-03	3.12e-04	0.01	-5.01e-05	8.41e-06	0.0
130	8	3.86e-04	6.23e-05	-1.49e-03	-7.90e-06	0.0	0.0
130	9	0.0	0.0	-4.81e-03	2.63e-06	-2.63e-06	0.0
130	11	0.0	0.0	-4.78e-03	2.64e-06	-2.64e-06	0.0
131	1	2.76e-03	4.92e-04	0.01	-7.12e-05	2.12e-05	0.0
131	5	1.84e-03	3.28e-04	8.76e-03	-4.72e-05	1.39e-05	0.0
131	8	3.68e-04	6.56e-05	-1.93e-03	-7.64e-06	0.0	0.0
131	9	0.0	0.0	-4.64e-03	2.24e-06	-2.24e-06	0.0
131	11	0.0	0.0	-4.61e-03	2.25e-06	-2.25e-06	0.0
132	1	2.64e-03	5.15e-04	0.01	-6.60e-05	2.69e-05	0.0
132	5	1.76e-03	3.43e-04	6.08e-03	-4.38e-05	1.77e-05	0.0
132	8	3.51e-04	6.87e-05	-2.36e-03	-7.29e-06	2.07e-06	0.0
132	9	0.0	0.0	-4.50e-03	1.82e-06	-1.82e-06	0.0
132	11	0.0	0.0	-4.48e-03	1.83e-06	-1.83e-06	0.0
133	1	2.52e-03	5.37e-04	6.28e-03	-5.99e-05	3.04e-05	0.0
133	5	1.68e-03	3.58e-04	3.60e-03	-3.98e-05	2.01e-05	0.0
133	8	3.36e-04	7.16e-05	-2.77e-03	-6.84e-06	2.90e-06	0.0
133	9	0.0	0.0	-4.41e-03	1.38e-06	-1.38e-06	0.0
133	11	0.0	0.0	-4.38e-03	1.39e-06	-1.39e-06	0.0
134	1	2.42e-03	5.59e-04	2.91e-03	-5.33e-05	3.18e-05	0.0
134	4	1.98e-04	4.58e-05	-3.35e-03	-5.19e-06	2.78e-06	0.0
134	5	1.61e-03	3.72e-04	1.36e-03	-3.54e-05	2.11e-05	0.0
134	8	3.22e-04	7.45e-05	-3.17e-03	-6.32e-06	3.46e-06	0.0
134	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
134	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
135	1	2.32e-03	5.80e-04	-5.76e-05	-4.60e-05	3.14e-05	0.0
135	4	1.90e-04	4.75e-05	-3.66e-03	-4.76e-06	3.11e-06	0.0
135	5	1.54e-03	3.86e-04	-6.11e-04	-3.06e-05	2.09e-05	0.0
135	6	9.27e-04	2.32e-04	-2.17e-03	-1.82e-05	1.23e-05	0.0
135	8	3.09e-04	7.73e-05	-3.54e-03	-5.72e-06	3.77e-06	0.0
135	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
135	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
136	1	2.22e-03	6.00e-04	-2.59e-03	-3.83e-05	2.93e-05	0.0
136	4	1.82e-04	4.91e-05	-3.95e-03	-4.25e-06	3.23e-06	0.0
136	5	1.48e-03	4.00e-04	-2.30e-03	-2.55e-05	1.95e-05	0.0
136	6	8.90e-04	2.40e-04	-3.19e-03	-1.53e-05	1.17e-05	0.0
136	8	2.97e-04	8.00e-05	-3.88e-03	-5.05e-06	3.84e-06	0.0
136	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
136	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
137	1	2.14e-03	6.21e-04	-4.66e-03	-3.06e-05	2.59e-05	0.0
137	2	1.28e-03	3.72e-04	-5.18e-03	-1.86e-05	1.57e-05	0.0
137	5	1.43e-03	4.14e-04	-3.68e-03	-2.04e-05	1.73e-05	0.0
137	6	8.56e-04	2.48e-04	-4.03e-03	-1.24e-05	1.05e-05	0.0
137	8	2.85e-04	8.28e-05	-4.18e-03	-4.33e-06	3.70e-06	0.0
137	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
137	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
138	1	2.06e-03	6.41e-04	-6.26e-03	-2.29e-05	2.14e-05	0.0
138	5	1.38e-03	4.27e-04	-4.76e-03	-1.53e-05	1.44e-05	0.0
138	8	2.75e-04	8.55e-05	-4.44e-03	-3.58e-06	3.39e-06	0.0
138	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
139	1	1.99e-03	6.62e-04	-7.42e-03	-1.58e-05	1.66e-05	0.0
139	5	1.33e-03	4.41e-04	-5.54e-03	-1.07e-05	1.12e-05	0.0
139	8	2.66e-04	8.83e-05	-4.65e-03	-2.86e-06	2.96e-06	0.0
139	11	0.0	0.0	-4.44e-03	0.0	0.0	0.0
140	1	1.93e-03	6.84e-04	-8.23e-03	-1.03e-05	1.25e-05	0.0
140	5	1.29e-03	4.56e-04	-6.09e-03	-6.98e-06	8.46e-06	0.0
140	8	2.58e-04	9.12e-05	-4.82e-03	-2.24e-06	2.54e-06	0.0
140	11	0.0	0.0	-4.52e-03	-1.07e-06	1.07e-06	0.0
141	1	4.49e-03	2.35e-05	0.04	-3.84e-05	-1.67e-04	0.0
141	5	3.00e-03	1.56e-05	0.02	-2.52e-05	-1.12e-04	0.0
141	8	5.99e-04	3.13e-06	-1.17e-03	-2.48e-06	-2.38e-05	0.0
141	9	0.0	0.0	-7.67e-03	3.19e-06	-1.84e-06	0.0
141	11	0.0	0.0	-7.65e-03	3.19e-06	-1.84e-06	0.0
142	1	4.21e-03	1.09e-04	0.04	-4.93e-05	-1.54e-04	0.0
142	5	2.81e-03	7.29e-05	0.02	-3.24e-05	-1.03e-04	0.0
142	8	5.62e-04	1.46e-05	-1.26e-03	-3.58e-06	-2.23e-05	0.0

142	9	0.0	0.0	-7.25e-03	3.63e-06	-2.09e-06	0.0
142	11	0.0	0.0	-7.23e-03	3.63e-06	-2.10e-06	0.0
143	1	4.48e-03	0.0	1.67e-03	0.0	-2.12e-04	0.0
143	4	3.67e-04	0.0	-6.57e-03	0.0	-2.42e-05	0.0
143	5	2.99e-03	0.0	5.27e-05	0.0	-1.41e-04	0.0
143	6	1.79e-03	0.0	-3.22e-03	0.0	-8.49e-05	0.0
143	8	5.98e-04	0.0	-6.33e-03	0.0	-2.86e-05	0.0
143	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
143	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
144	1	4.48e-03	3.92e-06	0.01	-4.60e-06	-2.06e-04	0.0
144	5	2.99e-03	2.61e-06	6.66e-03	-2.90e-06	-1.37e-04	0.0
144	8	5.98e-04	0.0	-4.98e-03	0.0	-2.80e-05	0.0
144	9	0.0	0.0	-7.92e-03	1.27e-06	0.0	0.0
144	11	0.0	0.0	-7.90e-03	1.27e-06	0.0	0.0
145	1	4.49e-03	8.63e-06	0.02	-1.21e-05	-1.96e-04	0.0
145	5	2.99e-03	5.75e-06	0.01	-7.81e-06	-1.31e-04	0.0
145	8	5.98e-04	1.15e-06	-3.65e-03	0.0	-2.70e-05	0.0
145	9	0.0	0.0	-7.86e-03	1.87e-06	-1.08e-06	0.0
145	11	0.0	0.0	-7.84e-03	1.87e-06	-1.08e-06	0.0
146	1	4.49e-03	1.51e-05	0.03	-2.32e-05	-1.83e-04	0.0
146	5	2.99e-03	1.01e-05	0.02	-1.51e-05	-1.22e-04	0.0
146	8	5.99e-04	2.02e-06	-2.38e-03	-1.02e-06	-2.56e-05	0.0
146	9	0.0	0.0	-7.78e-03	2.51e-06	-1.45e-06	0.0
146	11	0.0	0.0	-7.76e-03	2.51e-06	-1.45e-06	0.0
147	1	3.89e-03	1.90e-04	0.03	-5.92e-05	-1.30e-04	0.0
147	5	2.60e-03	1.27e-04	0.02	-3.90e-05	-8.69e-05	0.0
147	8	5.19e-04	2.53e-05	-1.37e-03	-4.50e-06	-1.93e-05	0.0
147	9	0.0	0.0	-6.75e-03	4.10e-06	-2.37e-06	0.0
147	11	0.0	0.0	-6.73e-03	4.11e-06	-2.37e-06	0.0
148	1	3.62e-03	2.47e-04	0.03	-6.50e-05	-1.07e-04	0.0
148	5	2.41e-03	1.65e-04	0.02	-4.28e-05	-7.17e-05	0.0
148	8	4.83e-04	3.29e-05	-1.49e-03	-5.09e-06	-1.63e-05	0.0
148	9	0.0	0.0	-6.30e-03	4.33e-06	-2.50e-06	0.0
148	11	0.0	0.0	-6.28e-03	4.33e-06	-2.50e-06	0.0
149	1	3.39e-03	2.91e-04	0.02	-6.81e-05	-8.67e-05	0.0
149	5	2.26e-03	1.94e-04	0.02	-4.48e-05	-5.81e-05	0.0
149	8	4.51e-04	3.88e-05	-1.63e-03	-5.47e-06	-1.36e-05	0.0
149	9	0.0	0.0	-5.91e-03	4.35e-06	-2.51e-06	0.0
149	11	0.0	0.0	-5.89e-03	4.36e-06	-2.52e-06	0.0
150	1	3.18e-03	3.26e-04	0.02	-6.91e-05	-6.83e-05	0.0
150	5	2.12e-03	2.17e-04	0.01	-4.55e-05	-4.58e-05	0.0
150	8	4.23e-04	4.34e-05	-1.80e-03	-5.72e-06	-1.11e-05	0.0
150	9	0.0	0.0	-5.57e-03	4.23e-06	-2.44e-06	0.0
150	11	0.0	0.0	-5.55e-03	4.23e-06	-2.44e-06	0.0
151	1	2.99e-03	3.55e-04	0.02	-6.87e-05	-5.18e-05	0.0
151	5	1.99e-03	2.37e-04	0.01	-4.52e-05	-3.49e-05	0.0
151	8	3.98e-04	4.74e-05	-2.00e-03	-5.86e-06	-8.81e-06	0.0
151	9	0.0	0.0	-5.27e-03	3.98e-06	-2.30e-06	0.0
151	11	0.0	0.0	-5.25e-03	3.99e-06	-2.30e-06	0.0
152	1	2.82e-03	3.81e-04	0.01	-6.70e-05	-3.76e-05	0.0
152	5	1.88e-03	2.54e-04	8.84e-03	-4.42e-05	-2.54e-05	0.0
152	8	3.75e-04	5.09e-05	-2.22e-03	-5.92e-06	-6.76e-06	0.0
152	9	0.0	0.0	-5.02e-03	3.64e-06	-2.10e-06	0.0
152	11	0.0	0.0	-5.00e-03	3.64e-06	-2.10e-06	0.0
153	1	2.66e-03	4.05e-04	0.01	-6.43e-05	-2.54e-05	0.0
153	5	1.77e-03	2.70e-04	6.79e-03	-4.24e-05	-1.72e-05	0.0
153	8	3.54e-04	5.40e-05	-2.46e-03	-5.90e-06	-4.93e-06	0.0
153	9	0.0	0.0	-4.81e-03	3.22e-06	-1.86e-06	0.0
153	11	0.0	0.0	-4.78e-03	3.23e-06	-1.86e-06	0.0
154	1	2.51e-03	4.26e-04	8.16e-03	-6.07e-05	-1.50e-05	0.0
154	5	1.68e-03	2.84e-04	4.82e-03	-4.01e-05	-1.02e-05	0.0
154	8	3.35e-04	5.68e-05	-2.71e-03	-5.81e-06	-3.31e-06	0.0
154	9	0.0	0.0	-4.64e-03	2.74e-06	-1.58e-06	0.0
154	11	0.0	0.0	-4.61e-03	2.75e-06	-1.59e-06	0.0
155	1	2.38e-03	4.46e-04	5.35e-03	-5.63e-05	-6.60e-06	0.0
155	5	1.59e-03	2.97e-04	2.97e-03	-3.72e-05	-4.57e-06	0.0
155	8	3.17e-04	5.95e-05	-2.98e-03	-5.65e-06	-1.95e-06	0.0
155	9	0.0	0.0	-4.50e-03	2.23e-06	-1.29e-06	0.0
155	11	0.0	0.0	-4.48e-03	2.24e-06	-1.29e-06	0.0
156	1	2.25e-03	4.65e-04	2.75e-03	-5.13e-05	0.0	0.0
156	4	1.84e-04	3.81e-05	-3.42e-03	-4.32e-06	0.0	0.0
156	5	1.50e-03	3.10e-04	1.25e-03	-3.39e-05	0.0	0.0
156	8	3.00e-04	6.20e-05	-3.24e-03	-5.43e-06	0.0	0.0
156	9	0.0	0.0	-4.41e-03	1.69e-06	0.0	0.0
156	11	0.0	0.0	-4.38e-03	1.70e-06	0.0	0.0
157	1	2.14e-03	4.84e-04	3.85e-04	-4.57e-05	4.93e-06	0.0
157	4	1.75e-04	3.96e-05	-3.63e-03	-4.16e-06	0.0	0.0

157	5	1.42e-03	3.23e-04	-3.19e-04	-3.03e-05	3.19e-06	0.0
157	6	8.54e-04	1.94e-04	-2.01e-03	-1.78e-05	1.67e-06	0.0
157	8	2.85e-04	6.45e-05	-3.51e-03	-5.14e-06	0.0	0.0
157	9	0.0	0.0	-4.35e-03	1.14e-06	0.0	0.0
157	11	0.0	0.0	-4.32e-03	1.15e-06	0.0	0.0
158	1	2.03e-03	5.02e-04	-1.70e-03	-3.96e-05	8.24e-06	0.0
158	4	1.66e-04	4.11e-05	-3.84e-03	-3.94e-06	0.0	0.0
158	5	1.35e-03	3.35e-04	-1.71e-03	-2.63e-05	5.45e-06	0.0
158	6	8.11e-04	2.01e-04	-2.83e-03	-1.56e-05	3.15e-06	0.0
158	8	2.70e-04	6.69e-05	-3.76e-03	-4.77e-06	0.0	0.0
158	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
158	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
159	1	1.92e-03	5.20e-04	-3.49e-03	-3.32e-05	1.01e-05	0.0
159	2	1.15e-03	3.12e-04	-4.47e-03	-1.99e-05	6.09e-06	0.0
159	5	1.28e-03	3.46e-04	-2.90e-03	-2.21e-05	6.74e-06	0.0
159	6	7.70e-04	2.08e-04	-3.55e-03	-1.33e-05	4.05e-06	0.0
159	8	2.57e-04	6.93e-05	-4.00e-03	-4.34e-06	1.30e-06	0.0
159	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
159	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
160	1	1.83e-03	5.37e-04	-4.97e-03	-2.66e-05	1.07e-05	0.0
160	2	1.10e-03	3.22e-04	-5.37e-03	-1.63e-05	6.55e-06	0.0
160	5	1.22e-03	3.58e-04	-3.89e-03	-1.78e-05	7.14e-06	0.0
160	6	7.32e-04	2.15e-04	-4.16e-03	-1.09e-05	4.40e-06	0.0
160	8	2.44e-04	7.17e-05	-4.22e-03	-3.86e-06	1.60e-06	0.0
160	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
160	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
161	1	1.74e-03	5.55e-04	-6.12e-03	-2.01e-05	1.02e-05	0.0
161	5	1.16e-03	3.70e-04	-4.66e-03	-1.35e-05	6.84e-06	0.0
161	8	2.32e-04	7.40e-05	-4.42e-03	-3.34e-06	1.73e-06	0.0
161	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
162	1	1.66e-03	5.73e-04	-6.97e-03	-1.41e-05	8.97e-06	0.0
162	5	1.11e-03	3.82e-04	-5.24e-03	-9.57e-06	6.07e-06	0.0
162	8	2.22e-04	7.65e-05	-4.59e-03	-2.80e-06	1.72e-06	0.0
162	11	0.0	0.0	-4.44e-03	-1.11e-06	0.0	0.0
163	1	1.59e-03	5.92e-04	-7.57e-03	-9.39e-06	7.65e-06	0.0
163	5	1.06e-03	3.95e-04	-5.65e-03	-6.44e-06	5.20e-06	0.0
163	8	2.12e-04	7.90e-05	-4.73e-03	-2.33e-06	1.64e-06	0.0
163	11	0.0	0.0	-4.52e-03	-1.31e-06	0.0	0.0
164	1	4.48e-03	1.35e-05	0.02	-1.99e-05	-1.84e-04	0.0
164	5	2.99e-03	9.03e-06	9.06e-03	-1.28e-05	-1.23e-04	0.0
164	8	5.98e-04	1.81e-06	-4.30e-03	0.0	-2.53e-05	0.0
164	9	0.0	0.0	-7.67e-03	3.56e-06	0.0	0.0
164	11	0.0	0.0	-7.65e-03	3.56e-06	0.0	0.0
165	1	4.17e-03	6.31e-05	0.01	-2.60e-05	-1.76e-04	0.0
165	5	2.78e-03	4.21e-05	8.17e-03	-1.68e-05	-1.17e-04	0.0
165	8	5.56e-04	8.41e-06	-4.14e-03	0.0	-2.43e-05	0.0
165	9	0.0	0.0	-7.25e-03	4.05e-06	-1.08e-06	0.0
165	11	0.0	0.0	-7.23e-03	4.05e-06	-1.08e-06	0.0
166	1	4.48e-03	0.0	-4.15e-03	0.0	-2.12e-04	0.0
166	4	3.67e-04	0.0	-7.23e-03	0.0	-2.40e-05	0.0
166	5	2.99e-03	0.0	-3.83e-03	0.0	-1.41e-04	0.0
166	6	1.79e-03	0.0	-5.54e-03	0.0	-8.48e-05	0.0
166	8	5.98e-04	0.0	-7.10e-03	0.0	-2.84e-05	0.0
166	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
166	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
167	1	4.48e-03	2.26e-06	9.98e-04	-1.77e-06	-2.08e-04	0.0
167	4	3.67e-04	0.0	-6.62e-03	1.01e-06	-2.37e-05	0.0
167	5	2.99e-03	1.51e-06	-3.88e-04	0.0	-1.39e-04	0.0
167	6	1.79e-03	0.0	-3.47e-03	0.0	-8.33e-05	0.0
167	8	5.98e-04	0.0	-6.39e-03	0.0	-2.80e-05	0.0
167	9	0.0	0.0	-7.92e-03	1.41e-06	0.0	0.0
167	11	0.0	0.0	-7.90e-03	1.41e-06	0.0	0.0
168	1	4.48e-03	4.98e-06	5.99e-03	-5.67e-06	-2.01e-04	0.0
168	4	3.67e-04	0.0	-6.01e-03	1.14e-06	-2.32e-05	0.0
168	5	2.99e-03	3.32e-06	2.95e-03	-3.50e-06	-1.34e-04	0.0
168	8	5.98e-04	0.0	-5.67e-03	0.0	-2.73e-05	0.0
168	9	0.0	0.0	-7.86e-03	2.09e-06	0.0	0.0
168	11	0.0	0.0	-7.84e-03	2.09e-06	0.0	0.0
169	1	4.48e-03	8.73e-06	0.01	-1.16e-05	-1.93e-04	0.0
169	5	2.99e-03	5.82e-06	6.12e-03	-7.38e-06	-1.29e-04	0.0
169	8	5.98e-04	1.16e-06	-4.97e-03	0.0	-2.64e-05	0.0
169	9	0.0	0.0	-7.78e-03	2.80e-06	0.0	0.0
169	11	0.0	0.0	-7.76e-03	2.80e-06	0.0	0.0
170	1	3.81e-03	1.10e-04	0.01	-3.13e-05	-1.56e-04	0.0
170	5	2.54e-03	7.31e-05	7.07e-03	-2.03e-05	-1.04e-04	0.0
170	8	5.09e-04	1.46e-05	-3.96e-03	0.0	-2.18e-05	0.0
170	9	0.0	0.0	-6.75e-03	4.58e-06	-1.23e-06	0.0

170	11	0.0	0.0	-6.73e-03	4.58e-06	-1.23e-06	0.0
171	1	3.52e-03	1.43e-04	0.01	-3.45e-05	-1.35e-04	0.0
171	5	2.35e-03	9.51e-05	6.06e-03	-2.24e-05	-9.04e-05	0.0
171	8	4.69e-04	1.90e-05	-3.80e-03	0.0	-1.91e-05	0.0
171	9	0.0	0.0	-6.30e-03	4.83e-06	-1.29e-06	0.0
171	11	0.0	0.0	-6.28e-03	4.83e-06	-1.29e-06	0.0
172	1	3.26e-03	1.68e-04	8.79e-03	-3.63e-05	-1.16e-04	0.0
172	5	2.18e-03	1.12e-04	5.07e-03	-2.35e-05	-7.77e-05	0.0
172	8	4.35e-04	2.24e-05	-3.69e-03	0.0	-1.66e-05	0.0
172	9	0.0	0.0	-5.91e-03	4.86e-06	-1.30e-06	0.0
172	11	0.0	0.0	-5.89e-03	4.86e-06	-1.30e-06	0.0
173	1	3.04e-03	1.88e-04	7.25e-03	-3.70e-05	-9.83e-05	0.0
173	5	2.03e-03	1.25e-04	4.09e-03	-2.40e-05	-6.57e-05	0.0
173	8	4.05e-04	2.51e-05	-3.61e-03	-1.02e-06	-1.41e-05	0.0
173	9	0.0	0.0	-5.57e-03	4.72e-06	-1.26e-06	0.0
173	11	0.0	0.0	-5.55e-03	4.72e-06	-1.26e-06	0.0
174	1	2.84e-03	2.05e-04	5.72e-03	-3.69e-05	-8.16e-05	0.0
174	5	1.89e-03	1.37e-04	3.11e-03	-2.40e-05	-5.45e-05	0.0
174	8	3.78e-04	2.74e-05	-3.57e-03	-1.24e-06	-1.19e-05	0.0
174	9	0.0	0.0	-5.27e-03	4.44e-06	-1.19e-06	0.0
174	11	0.0	0.0	-5.25e-03	4.45e-06	-1.19e-06	0.0
175	1	2.65e-03	2.20e-04	4.21e-03	-3.61e-05	-6.66e-05	0.0
175	5	1.77e-03	1.47e-04	2.14e-03	-2.36e-05	-4.46e-05	0.0
175	8	3.54e-04	2.94e-05	-3.56e-03	-1.45e-06	-9.79e-06	0.0
175	9	0.0	0.0	-5.02e-03	4.06e-06	-1.09e-06	0.0
175	11	0.0	0.0	-5.00e-03	4.07e-06	-1.09e-06	0.0
176	1	2.49e-03	2.34e-04	2.73e-03	-3.49e-05	-5.32e-05	0.0
176	4	2.04e-04	1.91e-05	-3.77e-03	0.0	-6.81e-06	0.0
176	5	1.66e-03	1.56e-04	1.18e-03	-2.28e-05	-3.56e-05	0.0
176	6	9.95e-04	9.35e-05	-1.29e-03	-1.23e-05	-2.17e-05	0.0
176	8	3.32e-04	3.12e-05	-3.58e-03	-1.67e-06	-7.89e-06	0.0
176	9	0.0	0.0	-4.81e-03	3.59e-06	0.0	0.0
176	11	0.0	0.0	-4.78e-03	3.60e-06	0.0	0.0
177	1	2.33e-03	2.46e-04	1.29e-03	-3.31e-05	-4.11e-05	0.0
177	4	1.91e-04	2.01e-05	-3.78e-03	-1.11e-06	-5.34e-06	0.0
177	5	1.56e-03	1.64e-04	2.44e-04	-2.17e-05	-2.75e-05	0.0
177	6	9.33e-04	9.84e-05	-1.78e-03	-1.18e-05	-1.68e-05	0.0
177	8	3.11e-04	3.28e-05	-3.63e-03	-1.87e-06	-6.17e-06	0.0
177	9	0.0	0.0	-4.64e-03	3.06e-06	0.0	0.0
177	11	0.0	0.0	-4.61e-03	3.07e-06	0.0	0.0
178	1	2.19e-03	2.58e-04	-8.36e-05	-3.10e-05	-3.08e-05	0.0
178	4	1.79e-04	2.11e-05	-3.82e-03	-1.35e-06	-4.05e-06	0.0
178	5	1.46e-03	1.72e-04	-6.53e-04	-2.03e-05	-2.06e-05	0.0
178	6	8.76e-04	1.03e-04	-2.27e-03	-1.12e-05	-1.26e-05	0.0
178	8	2.92e-04	3.43e-05	-3.70e-03	-2.06e-06	-4.66e-06	0.0
178	9	0.0	0.0	-4.50e-03	2.49e-06	0.0	0.0
178	11	0.0	0.0	-4.48e-03	2.50e-06	0.0	0.0
179	1	2.06e-03	2.69e-04	-1.37e-03	-2.84e-05	-2.19e-05	0.0
179	4	1.68e-04	2.20e-05	-3.88e-03	-1.58e-06	-2.90e-06	0.0
179	5	1.37e-03	1.79e-04	-1.50e-03	-1.87e-05	-1.47e-05	0.0
179	6	8.22e-04	1.07e-04	-2.74e-03	-1.05e-05	-9.00e-06	0.0
179	8	2.74e-04	3.58e-05	-3.79e-03	-2.22e-06	-3.34e-06	0.0
179	9	0.0	0.0	-4.41e-03	1.88e-06	0.0	0.0
179	11	0.0	0.0	-4.38e-03	1.89e-06	0.0	0.0
180	1	1.93e-03	2.79e-04	-2.56e-03	-2.56e-05	-1.46e-05	0.0
180	4	1.58e-04	2.29e-05	-3.97e-03	-1.78e-06	-1.94e-06	0.0
180	5	1.29e-03	1.86e-04	-2.28e-03	-1.69e-05	-9.78e-06	0.0
180	6	7.73e-04	1.12e-04	-3.18e-03	-9.67e-06	-6.00e-06	0.0
180	8	2.58e-04	3.72e-05	-3.90e-03	-2.34e-06	-2.23e-06	0.0
180	9	0.0	0.0	-4.35e-03	1.27e-06	0.0	0.0
180	11	0.0	0.0	-4.32e-03	1.29e-06	0.0	0.0
181	1	1.81e-03	2.90e-04	-3.62e-03	-2.25e-05	-8.62e-06	0.0
181	2	1.09e-03	1.74e-04	-4.54e-03	-1.32e-05	-5.25e-06	0.0
181	5	1.21e-03	1.93e-04	-2.99e-03	-1.49e-05	-5.77e-06	0.0
181	6	7.26e-04	1.16e-04	-3.60e-03	-8.71e-06	-3.53e-06	0.0
181	8	2.42e-04	3.86e-05	-4.02e-03	-2.43e-06	-1.30e-06	0.0
181	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
181	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
182	1	1.70e-03	3.00e-04	-4.55e-03	-1.91e-05	-3.91e-06	0.0
182	2	1.02e-03	1.80e-04	-5.10e-03	-1.15e-05	-2.34e-06	0.0
182	5	1.14e-03	2.00e-04	-3.61e-03	-1.27e-05	-2.61e-06	0.0
182	6	6.82e-04	1.20e-04	-3.97e-03	-7.65e-06	-1.56e-06	0.0
182	8	2.27e-04	4.00e-05	-4.14e-03	-2.46e-06	0.0	0.0
182	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
182	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
183	1	1.60e-03	3.10e-04	-5.33e-03	-1.57e-05	0.0	0.0
183	2	9.62e-04	1.86e-04	-5.59e-03	-9.70e-06	0.0	0.0

183	5	1.07e-03	2.07e-04	-4.13e-03	-1.05e-05	0.0	0.0
183	6	6.41e-04	1.24e-04	-4.30e-03	-6.52e-06	0.0	0.0
183	8	2.14e-04	4.14e-05	-4.27e-03	-2.44e-06	0.0	0.0
183	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
183	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
184	1	1.51e-03	3.21e-04	-5.96e-03	-1.22e-05	1.82e-06	0.0
184	2	9.04e-04	1.92e-04	-6.00e-03	-7.86e-06	1.23e-06	0.0
184	5	1.00e-03	2.14e-04	-4.56e-03	-8.26e-06	1.24e-06	0.0
184	6	6.03e-04	1.28e-04	-4.58e-03	-5.36e-06	0.0	0.0
184	8	2.01e-04	4.27e-05	-4.40e-03	-2.35e-06	0.0	0.0
184	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
184	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
185	1	1.42e-03	3.31e-04	-6.45e-03	-8.96e-06	3.21e-06	0.0
185	5	9.47e-04	2.21e-04	-4.89e-03	-6.14e-06	2.19e-06	0.0
185	8	1.89e-04	4.41e-05	-4.52e-03	-2.22e-06	0.0	0.0
185	11	0.0	0.0	-4.44e-03	-1.24e-06	0.0	0.0
186	1	1.34e-03	3.42e-04	-6.81e-03	-6.36e-06	3.93e-06	0.0
186	5	8.94e-04	2.28e-04	-5.14e-03	-4.44e-06	2.67e-06	0.0
186	8	1.79e-04	4.56e-05	-4.63e-03	-2.05e-06	0.0	0.0
186	11	0.0	0.0	-4.52e-03	-1.46e-06	0.0	0.0
187	1	4.48e-03	0.0	-0.01	4.78e-06	-1.89e-04	0.0
187	2	2.69e-03	0.0	-0.01	4.78e-06	-1.13e-04	0.0
187	5	2.99e-03	0.0	-7.70e-03	3.68e-06	-1.26e-04	0.0
187	6	1.79e-03	0.0	-7.75e-03	3.68e-06	-7.56e-05	0.0
187	8	5.97e-04	0.0	-7.65e-03	3.68e-06	-2.52e-05	0.0
187	9	0.0	0.0	-7.67e-03	3.68e-06	0.0	0.0
187	11	0.0	0.0	-7.65e-03	3.68e-06	0.0	0.0
188	1	4.15e-03	0.0	-9.48e-03	5.44e-06	-1.83e-04	0.0
188	2	2.49e-03	0.0	-9.56e-03	5.44e-06	-1.10e-04	0.0
188	5	2.77e-03	0.0	-7.28e-03	4.19e-06	-1.22e-04	0.0
188	6	1.66e-03	0.0	-7.34e-03	4.18e-06	-7.31e-05	0.0
188	8	5.54e-04	0.0	-7.23e-03	4.19e-06	-2.44e-05	0.0
188	9	0.0	0.0	-7.25e-03	4.19e-06	0.0	0.0
188	11	0.0	0.0	-7.23e-03	4.19e-06	0.0	0.0
189	1	4.48e-03	0.0	-0.01	1.02e-06	-2.12e-04	0.0
189	2	2.69e-03	0.0	-0.01	1.02e-06	-1.27e-04	0.0
189	5	2.99e-03	0.0	-7.99e-03	0.0	-1.41e-04	0.0
189	6	1.79e-03	0.0	-8.04e-03	0.0	-8.47e-05	0.0
189	8	5.98e-04	0.0	-7.93e-03	0.0	-2.82e-05	0.0
189	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
189	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
190	1	4.48e-03	0.0	-0.01	1.90e-06	-2.08e-04	0.0
190	2	2.69e-03	0.0	-0.01	1.90e-06	-1.25e-04	0.0
190	5	2.99e-03	0.0	-7.95e-03	1.46e-06	-1.39e-04	0.0
190	6	1.79e-03	0.0	-8.00e-03	1.46e-06	-8.33e-05	0.0
190	8	5.98e-04	0.0	-7.90e-03	1.46e-06	-2.78e-05	0.0
190	9	0.0	0.0	-7.92e-03	1.46e-06	0.0	0.0
190	11	0.0	0.0	-7.90e-03	1.46e-06	0.0	0.0
191	1	4.48e-03	0.0	-0.01	2.81e-06	-2.03e-04	0.0
191	2	2.69e-03	0.0	-0.01	2.81e-06	-1.22e-04	0.0
191	5	2.99e-03	0.0	-7.89e-03	2.16e-06	-1.35e-04	0.0
191	6	1.79e-03	0.0	-7.95e-03	2.16e-06	-8.11e-05	0.0
191	8	5.98e-04	0.0	-7.84e-03	2.16e-06	-2.70e-05	0.0
191	9	0.0	0.0	-7.86e-03	2.16e-06	0.0	0.0
191	11	0.0	0.0	-7.84e-03	2.16e-06	0.0	0.0
192	1	4.48e-03	0.0	-0.01	3.77e-06	-1.96e-04	0.0
192	2	2.69e-03	0.0	-0.01	3.76e-06	-1.18e-04	0.0
192	5	2.99e-03	0.0	-7.81e-03	2.90e-06	-1.31e-04	0.0
192	6	1.79e-03	0.0	-7.86e-03	2.90e-06	-7.85e-05	0.0
192	8	5.98e-04	0.0	-7.76e-03	2.90e-06	-2.62e-05	0.0
192	9	0.0	0.0	-7.78e-03	2.90e-06	0.0	0.0
192	11	0.0	0.0	-7.76e-03	2.90e-06	0.0	0.0
193	1	3.78e-03	0.0	-8.82e-03	6.16e-06	-1.64e-04	0.0
193	2	2.27e-03	0.0	-8.90e-03	6.15e-06	-9.84e-05	0.0
193	5	2.52e-03	0.0	-6.78e-03	4.74e-06	-1.09e-04	0.0
193	6	1.51e-03	0.0	-6.83e-03	4.73e-06	-6.56e-05	0.0
193	8	5.05e-04	0.0	-6.73e-03	4.74e-06	-2.19e-05	0.0
193	9	0.0	0.0	-6.75e-03	4.74e-06	0.0	0.0
193	11	0.0	0.0	-6.73e-03	4.74e-06	0.0	0.0
194	1	3.48e-03	0.0	-8.25e-03	6.49e-06	-1.45e-04	0.0
194	2	2.09e-03	0.0	-8.32e-03	6.48e-06	-8.68e-05	0.0
194	5	2.32e-03	0.0	-6.33e-03	4.99e-06	-9.64e-05	0.0
194	6	1.39e-03	0.0	-6.39e-03	4.98e-06	-5.79e-05	0.0
194	8	4.64e-04	0.0	-6.28e-03	5.00e-06	-1.93e-05	0.0
194	9	0.0	0.0	-6.30e-03	5.00e-06	0.0	0.0
194	11	0.0	0.0	-6.28e-03	5.00e-06	0.0	0.0
195	1	3.22e-03	0.0	-7.74e-03	6.52e-06	-1.26e-04	0.0

195	2	1.93e-03	0.0	-7.82e-03	6.51e-06	-7.56e-05	0.0
195	5	2.15e-03	0.0	-5.94e-03	5.02e-06	-8.40e-05	0.0
195	6	1.29e-03	0.0	-6.00e-03	5.01e-06	-5.04e-05	0.0
195	8	4.29e-04	0.0	-5.89e-03	5.03e-06	-1.68e-05	0.0
195	9	0.0	0.0	-5.91e-03	5.03e-06	0.0	0.0
195	11	0.0	0.0	-5.89e-03	5.03e-06	0.0	0.0
196	1	2.99e-03	0.0	-7.29e-03	6.33e-06	-1.08e-04	0.0
196	2	1.79e-03	0.0	-7.37e-03	6.31e-06	-6.49e-05	0.0
196	5	1.99e-03	0.0	-5.60e-03	4.87e-06	-7.21e-05	0.0
196	6	1.20e-03	0.0	-5.66e-03	4.86e-06	-4.33e-05	0.0
196	8	3.98e-04	0.0	-5.55e-03	4.89e-06	-1.44e-05	0.0
196	9	0.0	0.0	-5.57e-03	4.88e-06	0.0	0.0
196	11	0.0	0.0	-5.55e-03	4.89e-06	0.0	0.0
197	1	2.78e-03	0.0	-6.91e-03	5.96e-06	-9.15e-05	0.0
197	2	1.67e-03	0.0	-6.99e-03	5.94e-06	-5.49e-05	0.0
197	5	1.85e-03	0.0	-5.31e-03	4.59e-06	-6.10e-05	0.0
197	6	1.11e-03	0.0	-5.36e-03	4.57e-06	-3.66e-05	0.0
197	8	3.71e-04	0.0	-5.25e-03	4.60e-06	-1.22e-05	0.0
197	9	0.0	0.0	-5.27e-03	4.60e-06	0.0	0.0
197	11	0.0	0.0	-5.25e-03	4.60e-06	0.0	0.0
198	1	2.60e-03	0.0	-6.58e-03	5.44e-06	-7.63e-05	0.0
198	2	1.56e-03	0.0	-6.66e-03	5.41e-06	-4.58e-05	0.0
198	5	1.73e-03	0.0	-5.05e-03	4.19e-06	-5.09e-05	0.0
198	6	1.04e-03	0.0	-5.11e-03	4.17e-06	-3.05e-05	0.0
198	8	3.46e-04	0.0	-5.00e-03	4.21e-06	-1.02e-05	0.0
198	9	0.0	0.0	-5.02e-03	4.20e-06	0.0	0.0
198	11	0.0	0.0	-5.00e-03	4.21e-06	0.0	0.0
199	1	2.42e-03	0.0	-6.30e-03	4.81e-06	-6.25e-05	0.0
199	2	1.45e-03	0.0	-6.39e-03	4.78e-06	-3.75e-05	0.0
199	5	1.62e-03	0.0	-4.84e-03	3.71e-06	-4.17e-05	0.0
199	6	9.70e-04	0.0	-4.90e-03	3.68e-06	-2.50e-05	0.0
199	8	3.23e-04	0.0	-4.78e-03	3.73e-06	-8.33e-06	0.0
199	9	0.0	0.0	-4.81e-03	3.72e-06	0.0	0.0
199	11	0.0	0.0	-4.78e-03	3.73e-06	0.0	0.0
200	1	2.27e-03	0.0	-6.08e-03	4.09e-06	-5.00e-05	0.0
200	2	1.36e-03	0.0	-6.17e-03	4.06e-06	-3.00e-05	0.0
200	5	1.51e-03	0.0	-4.67e-03	3.15e-06	-3.33e-05	0.0
200	6	9.07e-04	0.0	-4.73e-03	3.13e-06	-2.00e-05	0.0
200	8	3.02e-04	0.0	-4.61e-03	3.18e-06	-6.67e-06	0.0
200	9	0.0	0.0	-4.64e-03	3.17e-06	0.0	0.0
200	11	0.0	0.0	-4.61e-03	3.18e-06	0.0	0.0
201	1	2.12e-03	0.0	-5.91e-03	3.32e-06	-3.91e-05	0.0
201	2	1.27e-03	0.0	-6.00e-03	3.28e-06	-2.35e-05	0.0
201	5	1.41e-03	0.0	-4.54e-03	2.56e-06	-2.61e-05	0.0
201	6	8.48e-04	0.0	-4.60e-03	2.53e-06	-1.56e-05	0.0
201	8	2.83e-04	0.0	-4.48e-03	2.58e-06	-5.22e-06	0.0
201	9	0.0	0.0	-4.50e-03	2.57e-06	0.0	0.0
201	11	0.0	0.0	-4.48e-03	2.58e-06	0.0	0.0
202	1	1.98e-03	0.0	-5.79e-03	2.50e-06	-2.95e-05	0.0
202	2	1.19e-03	0.0	-5.88e-03	2.46e-06	-1.77e-05	0.0
202	5	1.32e-03	0.0	-4.44e-03	1.93e-06	-1.97e-05	0.0
202	6	7.94e-04	0.0	-4.51e-03	1.90e-06	-1.18e-05	0.0
202	8	2.65e-04	0.0	-4.38e-03	1.96e-06	-3.94e-06	0.0
202	9	0.0	0.0	-4.41e-03	1.95e-06	0.0	0.0
202	11	0.0	0.0	-4.38e-03	1.96e-06	0.0	0.0
203	1	1.86e-03	0.0	-5.71e-03	1.68e-06	-2.15e-05	0.0
203	2	1.11e-03	0.0	-5.81e-03	1.64e-06	-1.29e-05	0.0
203	5	1.24e-03	0.0	-4.38e-03	1.30e-06	-1.43e-05	0.0
203	6	7.43e-04	0.0	-4.45e-03	1.27e-06	-8.59e-06	0.0
203	8	2.48e-04	0.0	-4.32e-03	1.33e-06	-2.86e-06	0.0
203	9	0.0	0.0	-4.35e-03	1.32e-06	0.0	0.0
203	11	0.0	0.0	-4.32e-03	1.33e-06	0.0	0.0
204	1	1.74e-03	0.0	-5.68e-03	0.0	-1.46e-05	0.0
204	2	1.04e-03	0.0	-5.77e-03	0.0	-8.79e-06	0.0
204	5	1.16e-03	0.0	-4.36e-03	0.0	-9.77e-06	0.0
204	6	6.95e-04	0.0	-4.42e-03	0.0	-5.86e-06	0.0
204	8	2.32e-04	0.0	-4.29e-03	0.0	-1.95e-06	0.0
204	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
204	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
205	1	1.62e-03	0.0	-5.68e-03	0.0	-9.03e-06	0.0
205	2	9.75e-04	0.0	-5.78e-03	0.0	-5.42e-06	0.0
205	5	1.08e-03	0.0	-4.36e-03	0.0	-6.02e-06	0.0
205	6	6.50e-04	0.0	-4.43e-03	0.0	-3.61e-06	0.0
205	8	2.17e-04	0.0	-4.29e-03	0.0	-1.20e-06	0.0
205	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
205	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
206	1	1.52e-03	0.0	-5.72e-03	0.0	-4.72e-06	0.0

206	2	9.12e-04	0.0	-5.82e-03	0.0	-2.83e-06	0.0
206	5	1.01e-03	0.0	-4.39e-03	0.0	-3.14e-06	0.0
206	6	6.08e-04	0.0	-4.46e-03	0.0	-1.89e-06	0.0
206	8	2.03e-04	0.0	-4.32e-03	0.0	0.0	0.0
206	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
206	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
207	1	1.42e-03	0.0	-5.79e-03	-1.25e-06	-1.45e-06	0.0
207	2	8.53e-04	0.0	-5.90e-03	-1.30e-06	0.0	0.0
207	5	9.48e-04	0.0	-4.44e-03	0.0	0.0	0.0
207	6	5.69e-04	0.0	-4.51e-03	0.0	0.0	0.0
207	8	1.90e-04	0.0	-4.37e-03	0.0	0.0	0.0
207	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
207	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
208	1	1.33e-03	0.0	-5.88e-03	-1.73e-06	0.0	0.0
208	2	7.99e-04	0.0	-5.99e-03	-1.78e-06	0.0	0.0
208	5	8.87e-04	0.0	-4.51e-03	-1.32e-06	0.0	0.0
208	6	5.32e-04	0.0	-4.59e-03	-1.36e-06	0.0	0.0
208	8	1.77e-04	0.0	-4.44e-03	-1.29e-06	0.0	0.0
208	9	0.0	0.0	-4.47e-03	-1.30e-06	0.0	0.0
208	11	0.0	0.0	-4.44e-03	-1.29e-06	0.0	0.0
209	1	1.25e-03	0.0	-5.98e-03	-2.02e-06	2.22e-06	0.0
209	2	7.50e-04	0.0	-6.10e-03	-2.07e-06	1.33e-06	0.0
209	5	8.33e-04	0.0	-4.59e-03	-1.55e-06	1.48e-06	0.0
209	6	5.00e-04	0.0	-4.67e-03	-1.58e-06	0.0	0.0
209	8	1.67e-04	0.0	-4.52e-03	-1.51e-06	0.0	0.0
209	9	0.0	0.0	-4.55e-03	-1.52e-06	0.0	0.0
209	11	0.0	0.0	-4.52e-03	-1.51e-06	0.0	0.0
210	1	4.48e-03	-1.35e-05	-0.04	2.92e-05	-1.81e-04	0.0
210	5	2.99e-03	-9.03e-06	-0.02	1.99e-05	-1.21e-04	0.0
210	8	5.98e-04	-1.81e-06	-0.01	6.83e-06	-2.34e-05	0.0
210	11	0.0	0.0	-7.65e-03	3.56e-06	0.0	0.0
211	1	4.17e-03	-6.31e-05	-0.03	3.65e-05	-1.73e-04	0.0
211	5	2.78e-03	-4.21e-05	-0.02	2.49e-05	-1.15e-04	0.0
211	8	5.56e-04	-8.41e-06	-0.01	8.21e-06	-2.22e-05	0.0
211	11	0.0	0.0	-7.23e-03	4.05e-06	1.08e-06	0.0
212	1	4.48e-03	0.0	-0.02	1.49e-06	-2.11e-04	0.0
212	5	2.99e-03	0.0	-0.01	1.09e-06	-1.41e-04	0.0
212	8	5.98e-04	0.0	-8.77e-03	0.0	-2.80e-05	0.0
212	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
213	1	4.48e-03	-2.26e-06	-0.02	5.44e-06	-2.07e-04	0.0
213	5	2.99e-03	-1.51e-06	-0.02	3.81e-06	-1.38e-04	0.0
213	8	5.98e-04	0.0	-9.41e-03	1.89e-06	-2.73e-05	0.0
213	11	0.0	0.0	-7.90e-03	1.41e-06	0.0	0.0
214	1	4.48e-03	-4.98e-06	-0.03	1.11e-05	-2.00e-04	0.0
214	5	2.99e-03	-3.32e-06	-0.02	7.68e-06	-1.33e-04	0.0
214	8	5.98e-04	0.0	-0.01	3.21e-06	-2.62e-05	0.0
214	11	0.0	0.0	-7.84e-03	2.09e-06	0.0	0.0
215	1	4.48e-03	-8.73e-06	-0.03	1.89e-05	-1.91e-04	0.0
215	5	2.99e-03	-5.82e-06	-0.02	1.30e-05	-1.27e-04	0.0
215	8	5.98e-04	-1.16e-06	-0.01	4.84e-06	-2.49e-05	0.0
215	11	0.0	0.0	-7.76e-03	2.80e-06	0.0	0.0
216	1	3.81e-03	-1.10e-04	-0.03	4.32e-05	-1.52e-04	0.0
216	5	2.54e-03	-7.31e-05	-0.02	2.94e-05	-1.01e-04	0.0
216	8	5.09e-04	-1.46e-05	-9.50e-03	9.55e-06	-1.93e-05	0.0
216	11	0.0	0.0	-6.73e-03	4.58e-06	1.23e-06	0.0
217	1	3.52e-03	-1.43e-04	-0.03	4.71e-05	-1.32e-04	0.0
217	5	2.35e-03	-9.51e-05	-0.02	3.20e-05	-8.78e-05	0.0
217	8	4.69e-04	-1.90e-05	-8.76e-03	1.03e-05	-1.65e-05	0.0
217	11	0.0	0.0	-6.28e-03	4.83e-06	1.29e-06	0.0
218	1	3.26e-03	-1.68e-04	-0.02	4.89e-05	-1.13e-04	0.0
218	5	2.18e-03	-1.12e-04	-0.02	3.32e-05	-7.51e-05	0.0
218	8	4.35e-04	-2.24e-05	-8.09e-03	1.05e-05	-1.40e-05	0.0
218	11	0.0	0.0	-5.89e-03	4.86e-06	1.30e-06	0.0
219	1	3.04e-03	-1.88e-04	-0.02	4.92e-05	-9.50e-05	0.0
219	5	2.03e-03	-1.25e-04	-0.02	3.34e-05	-6.32e-05	0.0
219	8	4.05e-04	-2.51e-05	-7.49e-03	1.05e-05	-1.16e-05	0.0
219	11	0.0	0.0	-5.55e-03	4.72e-06	1.26e-06	0.0
220	1	2.84e-03	-2.05e-04	-0.02	4.84e-05	-7.85e-05	0.0
220	5	1.89e-03	-1.37e-04	-0.01	3.28e-05	-5.22e-05	0.0
220	8	3.78e-04	-2.74e-05	-6.93e-03	1.01e-05	-9.48e-06	0.0
220	11	0.0	0.0	-5.25e-03	4.45e-06	1.19e-06	0.0
221	1	2.65e-03	-2.20e-04	-0.02	4.67e-05	-6.38e-05	0.0
221	5	1.77e-03	-1.47e-04	-0.01	3.16e-05	-4.24e-05	0.0
221	8	3.54e-04	-2.94e-05	-6.43e-03	9.59e-06	-7.61e-06	0.0
221	11	0.0	0.0	-5.00e-03	4.07e-06	1.09e-06	0.0
222	1	2.49e-03	-2.34e-04	-0.02	4.42e-05	-5.07e-05	0.0
222	5	1.66e-03	-1.56e-04	-0.01	2.99e-05	-3.36e-05	0.0

222	8	3.32e-04	-3.12e-05	-5.99e-03	8.87e-06	-5.96e-06	0.0
222	11	0.0	0.0	-4.78e-03	3.60e-06	0.0	0.0
223	1	2.33e-03	-2.46e-04	-0.01	4.10e-05	-3.90e-05	0.0
223	5	1.56e-03	-1.64e-04	-9.58e-03	2.78e-05	-2.59e-05	0.0
223	8	3.11e-04	-3.28e-05	-5.59e-03	8.01e-06	-4.52e-06	0.0
223	11	0.0	0.0	-4.61e-03	3.07e-06	0.0	0.0
224	1	2.19e-03	-2.58e-04	-0.01	3.74e-05	-2.91e-05	0.0
224	5	1.46e-03	-1.72e-04	-8.42e-03	2.53e-05	-1.93e-05	0.0
224	8	2.92e-04	-3.43e-05	-5.26e-03	7.05e-06	-3.33e-06	0.0
224	11	0.0	0.0	-4.48e-03	2.50e-06	0.0	0.0
225	1	2.06e-03	-2.69e-04	-0.01	3.33e-05	-2.06e-05	0.0
225	5	1.37e-03	-1.79e-04	-7.39e-03	2.24e-05	-1.37e-05	0.0
225	8	2.74e-04	-3.58e-05	-4.97e-03	6.01e-06	-2.33e-06	0.0
225	11	0.0	0.0	-4.38e-03	1.89e-06	0.0	0.0
226	1	1.93e-03	-2.79e-04	-8.87e-03	2.89e-05	-1.37e-05	0.0
226	5	1.29e-03	-1.86e-04	-6.49e-03	1.94e-05	-9.11e-06	0.0
226	8	2.58e-04	-3.72e-05	-4.74e-03	4.92e-06	-1.54e-06	0.0
226	11	0.0	0.0	-4.32e-03	1.29e-06	0.0	0.0
227	1	1.81e-03	-2.90e-04	-7.73e-03	2.42e-05	-8.17e-06	0.0
227	5	1.21e-03	-1.93e-04	-5.73e-03	1.62e-05	-5.43e-06	0.0
227	8	2.42e-04	-3.86e-05	-4.57e-03	3.79e-06	0.0	0.0
227	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
228	1	1.70e-03	-3.00e-04	-6.82e-03	1.93e-05	-3.87e-06	0.0
228	5	1.14e-03	-2.00e-04	-5.12e-03	1.29e-05	-2.57e-06	0.0
228	8	2.27e-04	-4.00e-05	-4.45e-03	2.66e-06	0.0	0.0
228	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
229	1	1.60e-03	-3.10e-04	-6.11e-03	1.45e-05	0.0	0.0
229	5	1.07e-03	-2.07e-04	-4.65e-03	9.59e-06	0.0	0.0
229	8	2.14e-04	-4.14e-05	-4.37e-03	1.58e-06	0.0	0.0
229	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
230	1	1.51e-03	-3.21e-04	-5.62e-03	9.80e-06	1.17e-06	0.0
230	2	9.04e-04	-1.92e-04	-5.79e-03	5.34e-06	0.0	0.0
230	5	1.00e-03	-2.14e-04	-4.33e-03	6.41e-06	0.0	0.0
230	6	6.03e-04	-1.28e-04	-4.45e-03	3.44e-06	0.0	0.0
230	8	2.01e-04	-4.27e-05	-4.35e-03	0.0	0.0	0.0
230	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
230	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
231	1	1.42e-03	-3.31e-04	-5.32e-03	5.63e-06	2.32e-06	0.0
231	2	8.52e-04	-1.99e-04	-5.65e-03	2.66e-06	1.20e-06	0.0
231	5	9.47e-04	-2.21e-04	-4.14e-03	3.59e-06	1.50e-06	0.0
231	6	5.68e-04	-1.32e-04	-4.36e-03	1.60e-06	0.0	0.0
231	8	1.89e-04	-4.41e-05	-4.36e-03	0.0	0.0	0.0
231	9	0.0	0.0	-4.47e-03	-1.26e-06	0.0	0.0
231	11	0.0	0.0	-4.44e-03	-1.24e-06	0.0	0.0
232	1	1.34e-03	-3.42e-04	-5.16e-03	2.47e-06	2.88e-06	0.0
232	2	8.05e-04	-2.05e-04	-5.60e-03	0.0	1.51e-06	0.0
232	5	8.94e-04	-2.28e-04	-4.04e-03	1.45e-06	1.87e-06	0.0
232	6	5.37e-04	-1.37e-04	-4.34e-03	0.0	0.0	0.0
232	8	1.79e-04	-4.56e-05	-4.41e-03	0.0	0.0	0.0
232	9	0.0	0.0	-4.55e-03	-1.47e-06	0.0	0.0
232	11	0.0	0.0	-4.52e-03	-1.46e-06	0.0	0.0
233	1	4.49e-03	-2.35e-05	-0.06	4.67e-05	-1.62e-04	0.0
233	5	3.00e-03	-1.56e-05	-0.04	3.15e-05	-1.08e-04	0.0
233	8	5.99e-04	-3.13e-06	-0.01	8.86e-06	-2.01e-05	0.0
233	11	0.0	0.0	-7.65e-03	3.19e-06	1.84e-06	0.0
234	1	4.21e-03	-1.09e-04	-0.05	5.88e-05	-1.49e-04	0.0
234	5	2.81e-03	-7.29e-05	-0.04	3.97e-05	-9.90e-05	0.0
234	8	5.62e-04	-1.46e-05	-0.01	1.08e-05	-1.81e-05	0.0
234	11	0.0	0.0	-7.23e-03	3.63e-06	2.10e-06	0.0
235	1	4.48e-03	0.0	-0.02	1.75e-06	-2.11e-04	0.0
235	5	2.99e-03	0.0	-0.02	1.26e-06	-1.40e-04	0.0
235	8	5.98e-04	0.0	-9.54e-03	0.0	-2.78e-05	0.0
235	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
236	1	4.48e-03	-3.92e-06	-0.03	7.89e-06	-2.04e-04	0.0
236	5	2.99e-03	-2.61e-06	-0.02	5.43e-06	-1.36e-04	0.0
236	8	5.98e-04	0.0	-0.01	2.10e-06	-2.66e-05	0.0
236	11	0.0	0.0	-7.90e-03	1.27e-06	0.0	0.0
237	1	4.49e-03	-8.63e-06	-0.04	1.70e-05	-1.93e-04	0.0
237	5	2.99e-03	-5.75e-06	-0.03	1.16e-05	-1.29e-04	0.0
237	8	5.98e-04	-1.15e-06	-0.01	3.81e-06	-2.48e-05	0.0
237	11	0.0	0.0	-7.84e-03	1.87e-06	1.08e-06	0.0
238	1	4.49e-03	-1.51e-05	-0.05	2.97e-05	-1.79e-04	0.0
238	5	2.99e-03	-1.01e-05	-0.03	2.01e-05	-1.19e-04	0.0
238	8	5.99e-04	-2.02e-06	-0.01	6.04e-06	-2.27e-05	0.0
238	11	0.0	0.0	-7.76e-03	2.51e-06	1.45e-06	0.0
239	1	3.89e-03	-1.90e-04	-0.05	6.99e-05	-1.24e-04	0.0
239	5	2.60e-03	-1.27e-04	-0.03	4.72e-05	-8.21e-05	0.0

239	8	5.19e-04	-2.53e-05	-0.01	1.27e-05	-1.45e-05	0.0
239	11	0.0	0.0	-6.73e-03	4.11e-06	2.37e-06	0.0
240	1	3.62e-03	-2.47e-04	-0.04	7.63e-05	-1.01e-04	0.0
240	5	2.41e-03	-1.65e-04	-0.03	5.14e-05	-6.67e-05	0.0
240	8	4.83e-04	-3.29e-05	-0.01	1.37e-05	-1.13e-05	0.0
240	11	0.0	0.0	-6.28e-03	4.33e-06	2.50e-06	0.0
241	1	3.39e-03	-2.91e-04	-0.04	7.94e-05	-8.02e-05	0.0
241	5	2.26e-03	-1.94e-04	-0.03	5.35e-05	-5.31e-05	0.0
241	8	4.51e-04	-3.88e-05	-0.01	1.42e-05	-8.61e-06	0.0
241	11	0.0	0.0	-5.89e-03	4.36e-06	2.52e-06	0.0
242	1	3.18e-03	-3.26e-04	-0.04	8.01e-05	-6.19e-05	0.0
242	5	2.12e-03	-2.17e-04	-0.02	5.40e-05	-4.10e-05	0.0
242	8	4.23e-04	-4.34e-05	-9.29e-03	1.42e-05	-6.23e-06	0.0
242	11	0.0	0.0	-5.55e-03	4.23e-06	2.44e-06	0.0
243	1	2.99e-03	-3.55e-04	-0.03	7.90e-05	-4.59e-05	0.0
243	5	1.99e-03	-2.37e-04	-0.02	5.32e-05	-3.03e-05	0.0
243	8	3.98e-04	-4.74e-05	-8.50e-03	1.38e-05	-4.21e-06	0.0
243	11	0.0	0.0	-5.25e-03	3.99e-06	2.30e-06	0.0
244	1	2.82e-03	-3.81e-04	-0.03	7.64e-05	-3.22e-05	0.0
244	5	1.88e-03	-2.54e-04	-0.02	5.14e-05	-2.12e-05	0.0
244	8	3.75e-04	-5.09e-05	-7.78e-03	1.32e-05	-2.55e-06	0.0
244	11	0.0	0.0	-5.00e-03	3.64e-06	2.10e-06	0.0
245	1	2.66e-03	-4.05e-04	-0.02	7.26e-05	-2.06e-05	0.0
245	5	1.77e-03	-2.70e-04	-0.02	4.88e-05	-1.35e-05	0.0
245	8	3.54e-04	-5.40e-05	-7.11e-03	1.24e-05	-1.20e-06	0.0
245	11	0.0	0.0	-4.78e-03	3.23e-06	1.86e-06	0.0
246	1	2.51e-03	-4.26e-04	-0.02	6.77e-05	-1.09e-05	0.0
246	5	1.68e-03	-2.84e-04	-0.01	4.55e-05	-7.05e-06	0.0
246	8	3.35e-04	-5.68e-05	-6.51e-03	1.13e-05	0.0	0.0
246	11	0.0	0.0	-4.61e-03	2.75e-06	1.59e-06	0.0
247	1	2.38e-03	-4.46e-04	-0.02	6.21e-05	-3.28e-06	0.0
247	5	1.59e-03	-2.97e-04	-0.01	4.17e-05	-2.02e-06	0.0
247	8	3.17e-04	-5.95e-05	-5.98e-03	1.01e-05	0.0	0.0
247	11	0.0	0.0	-4.48e-03	2.24e-06	1.29e-06	0.0
248	1	2.25e-03	-4.65e-04	-0.01	5.56e-05	2.57e-06	0.0
248	5	1.50e-03	-3.10e-04	-0.01	3.73e-05	1.84e-06	0.0
248	8	3.00e-04	-6.20e-05	-5.52e-03	8.82e-06	1.16e-06	0.0
248	11	0.0	0.0	-4.38e-03	1.70e-06	0.0	0.0
249	1	2.14e-03	-4.84e-04	-0.01	4.86e-05	6.61e-06	0.0
249	5	1.42e-03	-3.23e-04	-8.45e-03	3.26e-05	4.49e-06	0.0
249	8	2.85e-04	-6.45e-05	-5.13e-03	7.44e-06	1.44e-06	0.0
249	11	0.0	0.0	-4.32e-03	1.15e-06	0.0	0.0
250	1	2.03e-03	-5.02e-04	-9.65e-03	4.12e-05	9.11e-06	0.0
250	5	1.35e-03	-3.35e-04	-7.01e-03	2.75e-05	6.12e-06	0.0
250	8	2.70e-04	-6.69e-05	-4.82e-03	6.00e-06	1.51e-06	0.0
250	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
251	1	1.92e-03	-5.20e-04	-7.87e-03	3.33e-05	1.02e-05	0.0
251	5	1.28e-03	-3.46e-04	-5.82e-03	2.22e-05	6.81e-06	0.0
251	8	2.57e-04	-6.93e-05	-4.59e-03	4.52e-06	1.41e-06	0.0
251	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
252	1	1.83e-03	-5.37e-04	-6.48e-03	2.56e-05	1.00e-05	0.0
252	5	1.22e-03	-3.58e-04	-4.89e-03	1.70e-05	6.66e-06	0.0
252	8	2.44e-04	-7.17e-05	-4.42e-03	3.10e-06	1.16e-06	0.0
252	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
253	1	1.74e-03	-5.55e-04	-5.46e-03	1.80e-05	8.93e-06	0.0
253	2	1.05e-03	-3.33e-04	-5.70e-03	1.03e-05	5.08e-06	0.0
253	5	1.16e-03	-3.70e-04	-4.22e-03	1.19e-05	5.89e-06	0.0
253	6	6.97e-04	-2.22e-04	-4.38e-03	6.76e-06	3.32e-06	0.0
253	8	2.32e-04	-7.40e-05	-4.33e-03	1.75e-06	0.0	0.0
253	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
253	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
254	1	1.66e-03	-5.73e-04	-4.79e-03	1.11e-05	7.24e-06	0.0
254	2	9.97e-04	-3.44e-04	-5.34e-03	6.04e-06	3.97e-06	0.0
254	5	1.11e-03	-3.82e-04	-3.79e-03	7.28e-06	4.74e-06	0.0
254	6	6.65e-04	-2.29e-04	-4.15e-03	3.88e-06	2.56e-06	0.0
254	8	2.22e-04	-7.65e-05	-4.29e-03	0.0	0.0	0.0
254	9	0.0	0.0	-4.47e-03	-1.13e-06	0.0	0.0
254	11	0.0	0.0	-4.44e-03	-1.11e-06	0.0	0.0
255	1	1.59e-03	-5.92e-04	-4.40e-03	5.90e-06	5.63e-06	0.0
255	2	9.55e-04	-3.55e-04	-5.14e-03	2.80e-06	2.95e-06	0.0
255	5	1.06e-03	-3.95e-04	-3.53e-03	3.76e-06	3.65e-06	0.0
255	6	6.37e-04	-2.37e-04	-4.03e-03	1.69e-06	1.86e-06	0.0
255	8	2.12e-04	-7.90e-05	-4.31e-03	0.0	0.0	0.0
255	9	0.0	0.0	-4.55e-03	-1.32e-06	0.0	0.0
255	11	0.0	0.0	-4.52e-03	-1.31e-06	0.0	0.0
256	1	4.51e-03	-2.71e-05	-0.08	5.25e-05	-1.37e-04	0.0
256	5	3.01e-03	-1.81e-05	-0.05	3.54e-05	-9.07e-05	0.0

256	8	6.01e-04	-3.61e-06	-0.02	9.15e-06	-1.61e-05	0.0
256	11	0.0	0.0	-7.65e-03	2.60e-06	2.60e-06	0.0
257	1	4.28e-03	-1.26e-04	-0.07	6.63e-05	-1.17e-04	0.0
257	5	2.85e-03	-8.41e-05	-0.05	4.46e-05	-7.73e-05	0.0
257	8	5.70e-04	-1.68e-05	-0.02	1.13e-05	-1.31e-05	0.0
257	11	0.0	0.0	-7.23e-03	2.96e-06	2.96e-06	0.0
258	1	4.48e-03	-1.04e-06	-0.03	1.72e-06	-2.10e-04	0.0
258	5	2.99e-03	0.0	-0.02	1.22e-06	-1.40e-04	0.0
258	8	5.98e-04	0.0	-0.01	0.0	-2.75e-05	0.0
258	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
259	1	4.49e-03	-4.53e-06	-0.04	8.55e-06	-2.00e-04	0.0
259	5	2.99e-03	-3.02e-06	-0.03	5.84e-06	-1.33e-04	0.0
259	8	5.98e-04	0.0	-0.01	1.99e-06	-2.58e-05	0.0
259	11	0.0	0.0	-7.90e-03	1.03e-06	1.03e-06	0.0
260	1	4.49e-03	-9.96e-06	-0.05	1.88e-05	-1.84e-04	0.0
260	5	2.99e-03	-6.64e-06	-0.04	1.27e-05	-1.22e-04	0.0
260	8	5.99e-04	-1.33e-06	-0.01	3.76e-06	-2.33e-05	0.0
260	11	0.0	0.0	-7.84e-03	1.53e-06	1.53e-06	0.0
261	1	4.50e-03	-1.75e-05	-0.07	3.32e-05	-1.63e-04	0.0
261	5	3.00e-03	-1.16e-05	-0.05	2.24e-05	-1.08e-04	0.0
261	8	6.00e-04	-2.33e-06	-0.02	6.12e-06	-2.00e-05	0.0
261	11	0.0	0.0	-7.76e-03	2.05e-06	2.05e-06	0.0
262	1	4.00e-03	-2.19e-04	-0.07	7.89e-05	-8.51e-05	0.0
262	5	2.67e-03	-1.46e-04	-0.04	5.31e-05	-5.63e-05	0.0
262	8	5.34e-04	-2.92e-05	-0.01	1.33e-05	-8.57e-06	0.0
262	11	0.0	0.0	-6.73e-03	3.35e-06	3.35e-06	0.0
263	1	3.76e-03	-2.85e-04	-0.06	8.62e-05	-5.85e-05	0.0
263	5	2.51e-03	-1.90e-04	-0.04	5.79e-05	-3.85e-05	0.0
263	8	5.02e-04	-3.80e-05	-0.01	1.44e-05	-4.87e-06	0.0
263	11	0.0	0.0	-6.28e-03	3.54e-06	3.54e-06	0.0
264	1	3.55e-03	-3.36e-04	-0.05	8.97e-05	-3.62e-05	0.0
264	5	2.37e-03	-2.24e-04	-0.04	6.03e-05	-2.37e-05	0.0
264	8	4.74e-04	-4.48e-05	-0.01	1.49e-05	-1.89e-06	0.0
264	11	0.0	0.0	-5.89e-03	3.56e-06	3.56e-06	0.0
265	1	3.36e-03	-3.76e-04	-0.05	9.06e-05	-1.75e-05	0.0
265	5	2.24e-03	-2.51e-04	-0.03	6.09e-05	-1.12e-05	0.0
265	8	4.49e-04	-5.02e-05	-0.01	1.49e-05	0.0	0.0
265	11	0.0	0.0	-5.55e-03	3.46e-06	3.46e-06	0.0
266	1	3.19e-03	-4.10e-04	-0.04	8.94e-05	-2.01e-06	0.0
266	5	2.13e-03	-2.74e-04	-0.03	6.01e-05	0.0	0.0
266	8	4.26e-04	-5.47e-05	-9.85e-03	1.46e-05	2.42e-06	0.0
266	11	0.0	0.0	-5.25e-03	3.25e-06	3.25e-06	0.0
267	1	3.04e-03	-4.40e-04	-0.04	8.67e-05	1.03e-05	0.0
267	5	2.02e-03	-2.94e-04	-0.02	5.82e-05	7.28e-06	0.0
267	8	4.05e-04	-5.87e-05	-8.93e-03	1.40e-05	3.84e-06	0.0
267	11	0.0	0.0	-5.00e-03	2.98e-06	2.98e-06	0.0
268	1	2.89e-03	-4.67e-04	-0.03	8.24e-05	2.00e-05	0.0
268	5	1.93e-03	-3.12e-04	-0.02	5.53e-05	1.37e-05	0.0
268	8	3.86e-04	-6.23e-05	-8.07e-03	1.32e-05	4.84e-06	0.0
268	11	0.0	0.0	-4.78e-03	2.64e-06	2.64e-06	0.0
269	1	2.76e-03	-4.92e-04	-0.03	7.70e-05	2.70e-05	0.0
269	5	1.84e-03	-3.28e-04	-0.02	5.17e-05	1.83e-05	0.0
269	8	3.68e-04	-6.56e-05	-7.30e-03	1.21e-05	5.46e-06	0.0
269	11	0.0	0.0	-4.61e-03	2.25e-06	2.25e-06	0.0
270	1	2.64e-03	-5.15e-04	-0.02	7.07e-05	3.16e-05	0.0
270	5	1.76e-03	-3.43e-04	-0.02	4.74e-05	2.13e-05	0.0
270	8	3.51e-04	-6.87e-05	-6.60e-03	1.09e-05	5.73e-06	0.0
270	11	0.0	0.0	-4.48e-03	1.83e-06	1.83e-06	0.0
271	1	2.52e-03	-5.37e-04	-0.02	6.35e-05	3.39e-05	0.0
271	5	1.68e-03	-3.58e-04	-0.01	4.25e-05	2.28e-05	0.0
271	8	3.36e-04	-7.16e-05	-5.99e-03	9.61e-06	5.68e-06	0.0
271	11	0.0	0.0	-4.38e-03	1.39e-06	1.39e-06	0.0
272	1	2.42e-03	-5.59e-04	-0.01	5.57e-05	3.42e-05	0.0
272	5	1.61e-03	-3.72e-04	-0.01	3.72e-05	2.29e-05	0.0
272	8	3.22e-04	-7.45e-05	-5.47e-03	8.20e-06	5.34e-06	0.0
272	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
273	1	2.32e-03	-5.80e-04	-0.01	4.73e-05	3.26e-05	0.0
273	5	1.54e-03	-3.86e-04	-8.10e-03	3.16e-05	2.18e-05	0.0
273	8	3.09e-04	-7.73e-05	-5.04e-03	6.72e-06	4.77e-06	0.0
273	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
274	1	2.22e-03	-6.00e-04	-8.78e-03	3.85e-05	2.94e-05	0.0
274	5	1.48e-03	-4.00e-04	-6.42e-03	2.56e-05	1.96e-05	0.0
274	8	2.97e-04	-8.00e-05	-4.71e-03	5.19e-06	3.99e-06	0.0
274	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
275	1	2.14e-03	-6.21e-04	-6.79e-03	2.97e-05	2.50e-05	0.0
275	5	1.43e-03	-4.14e-04	-5.10e-03	1.98e-05	1.66e-05	0.0
275	8	2.85e-04	-8.28e-05	-4.46e-03	3.71e-06	3.08e-06	0.0

275	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
276	1	2.06e-03	-6.41e-04	-5.32e-03	2.11e-05	1.97e-05	0.0
276	2	1.24e-03	-3.85e-04	-5.61e-03	1.23e-05	1.14e-05	0.0
276	5	1.38e-03	-4.27e-04	-4.13e-03	1.40e-05	1.30e-05	0.0
276	6	8.25e-04	-2.56e-04	-4.33e-03	8.10e-06	7.52e-06	0.0
276	8	2.75e-04	-8.55e-05	-4.31e-03	2.28e-06	2.09e-06	0.0
276	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
276	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
277	1	1.99e-03	-6.62e-04	-4.34e-03	1.34e-05	1.42e-05	0.0
277	2	1.20e-03	-3.97e-04	-5.06e-03	7.49e-06	7.98e-06	0.0
277	5	1.33e-03	-4.41e-04	-3.48e-03	8.79e-06	9.33e-06	0.0
277	6	7.97e-04	-2.65e-04	-3.97e-03	4.88e-06	5.20e-06	0.0
277	8	2.66e-04	-8.83e-05	-4.23e-03	1.04e-06	1.14e-06	0.0
277	9	0.0	0.0	-4.47e-03	0.0	0.0	0.0
277	11	0.0	0.0	-4.44e-03	0.0	0.0	0.0
278	1	1.93e-03	-6.84e-04	-3.74e-03	7.40e-06	9.63e-06	0.0
278	2	1.16e-03	-4.10e-04	-4.75e-03	3.83e-06	5.17e-06	0.0
278	5	1.29e-03	-4.56e-04	-3.09e-03	4.79e-06	6.28e-06	0.0
278	6	7.73e-04	-2.74e-04	-3.77e-03	2.41e-06	3.30e-06	0.0
278	8	2.58e-04	-9.12e-05	-4.22e-03	0.0	0.0	0.0
278	9	0.0	0.0	-4.55e-03	-1.08e-06	-1.08e-06	0.0
278	11	0.0	0.0	-4.52e-03	-1.07e-06	-1.07e-06	0.0
279	1	4.52e-03	-2.35e-05	-0.09	4.49e-05	-1.11e-04	0.0
279	5	3.01e-03	-1.56e-05	-0.06	3.02e-05	-7.37e-05	0.0
279	8	6.03e-04	-3.13e-06	-0.02	7.51e-06	-1.22e-05	0.0
279	11	0.0	0.0	-7.65e-03	1.84e-06	3.19e-06	0.0
280	1	4.34e-03	-1.09e-04	-0.09	5.68e-05	-8.44e-05	0.0
280	5	2.89e-03	-7.29e-05	-0.06	3.81e-05	-5.58e-05	0.0
280	8	5.79e-04	-1.46e-05	-0.02	9.30e-06	-8.26e-06	0.0
280	11	0.0	0.0	-7.23e-03	2.10e-06	3.63e-06	0.0
281	1	4.48e-03	0.0	-0.03	1.38e-06	-2.09e-04	0.0
281	5	2.99e-03	0.0	-0.02	0.0	-1.39e-04	0.0
281	8	5.98e-04	0.0	-0.01	0.0	-2.73e-05	0.0
281	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
282	1	4.49e-03	-3.92e-06	-0.05	7.19e-06	-1.96e-04	0.0
282	5	2.99e-03	-2.61e-06	-0.03	4.89e-06	-1.30e-04	0.0
282	8	5.98e-04	0.0	-0.01	1.56e-06	-2.51e-05	0.0
282	11	0.0	0.0	-7.90e-03	0.0	1.27e-06	0.0
283	1	4.50e-03	-8.63e-06	-0.06	1.59e-05	-1.75e-04	0.0
283	5	3.00e-03	-5.75e-06	-0.04	1.08e-05	-1.17e-04	0.0
283	8	6.00e-04	-1.15e-06	-0.02	3.02e-06	-2.18e-05	0.0
283	11	0.0	0.0	-7.84e-03	1.08e-06	1.87e-06	0.0
284	1	4.51e-03	-1.51e-05	-0.08	2.83e-05	-1.47e-04	0.0
284	5	3.01e-03	-1.01e-05	-0.05	1.91e-05	-9.77e-05	0.0
284	8	6.01e-04	-2.02e-06	-0.02	4.98e-06	-1.75e-05	0.0
284	11	0.0	0.0	-7.76e-03	1.45e-06	2.51e-06	0.0
285	1	4.11e-03	-1.90e-04	-0.08	6.77e-05	-4.68e-05	0.0
285	5	2.74e-03	-1.27e-04	-0.05	4.54e-05	-3.07e-05	0.0
285	8	5.48e-04	-2.53e-05	-0.02	1.10e-05	-2.85e-06	0.0
285	11	0.0	0.0	-6.73e-03	2.37e-06	4.11e-06	0.0
286	1	3.91e-03	-2.47e-04	-0.07	7.39e-05	-1.67e-05	0.0
286	5	2.60e-03	-1.65e-04	-0.05	4.96e-05	-1.05e-05	0.0
286	8	5.21e-04	-3.29e-05	-0.01	1.19e-05	1.36e-06	0.0
286	11	0.0	0.0	-6.28e-03	2.50e-06	4.33e-06	0.0
287	1	3.72e-03	-2.91e-04	-0.06	7.70e-05	7.36e-06	0.0
287	5	2.48e-03	-1.94e-04	-0.04	5.17e-05	5.49e-06	0.0
287	8	4.96e-04	-3.88e-05	-0.01	1.23e-05	4.58e-06	0.0
287	11	0.0	0.0	-5.89e-03	2.52e-06	4.36e-06	0.0
288	1	3.55e-03	-3.26e-04	-0.06	7.78e-05	2.66e-05	0.0
288	5	2.37e-03	-2.17e-04	-0.04	5.22e-05	1.83e-05	0.0
288	8	4.74e-04	-4.34e-05	-0.01	1.24e-05	7.04e-06	0.0
288	11	0.0	0.0	-5.55e-03	2.44e-06	4.23e-06	0.0
289	1	3.40e-03	-3.55e-04	-0.05	7.68e-05	4.16e-05	0.0
289	5	2.26e-03	-2.37e-04	-0.03	5.15e-05	2.82e-05	0.0
289	8	4.53e-04	-4.74e-05	-0.01	1.21e-05	8.84e-06	0.0
289	11	0.0	0.0	-5.25e-03	2.30e-06	3.99e-06	0.0
290	1	3.26e-03	-3.81e-04	-0.04	7.44e-05	5.26e-05	0.0
290	5	2.17e-03	-2.54e-04	-0.03	4.99e-05	3.56e-05	0.0
290	8	4.34e-04	-5.09e-05	-9.81e-03	1.17e-05	1.00e-05	0.0
290	11	0.0	0.0	-5.00e-03	2.10e-06	3.64e-06	0.0
291	1	3.13e-03	-4.05e-04	-0.04	7.09e-05	6.02e-05	0.0
291	5	2.08e-03	-2.70e-04	-0.02	4.75e-05	4.06e-05	0.0
291	8	4.17e-04	-5.40e-05	-8.81e-03	1.10e-05	1.07e-05	0.0
291	11	0.0	0.0	-4.78e-03	1.86e-06	3.23e-06	0.0
292	1	3.00e-03	-4.26e-04	-0.03	6.63e-05	6.47e-05	0.0
292	5	2.00e-03	-2.84e-04	-0.02	4.44e-05	4.35e-05	0.0
292	8	4.01e-04	-5.68e-05	-7.90e-03	1.01e-05	1.09e-05	0.0

292	11	0.0	0.0	-4.61e-03	1.59e-06	2.75e-06	0.0
293	1	2.89e-03	-4.46e-04	-0.03	6.09e-05	6.63e-05	0.0
293	5	1.93e-03	-2.97e-04	-0.02	4.07e-05	4.45e-05	0.0
293	8	3.86e-04	-5.95e-05	-7.08e-03	9.19e-06	1.07e-05	0.0
293	11	0.0	0.0	-4.48e-03	1.29e-06	2.24e-06	0.0
294	1	2.79e-03	-4.65e-04	-0.02	5.47e-05	6.52e-05	0.0
294	5	1.86e-03	-3.10e-04	-0.01	3.66e-05	4.37e-05	0.0
294	8	3.72e-04	-6.20e-05	-6.35e-03	8.10e-06	1.01e-05	0.0
294	11	0.0	0.0	-4.38e-03	0.0	1.70e-06	0.0
295	1	2.69e-03	-4.84e-04	-0.02	4.80e-05	6.17e-05	0.0
295	5	1.80e-03	-3.23e-04	-0.01	3.21e-05	4.13e-05	0.0
295	8	3.59e-04	-6.45e-05	-5.73e-03	6.96e-06	9.18e-06	0.0
295	11	0.0	0.0	-4.32e-03	0.0	1.15e-06	0.0
296	1	2.61e-03	-5.02e-04	-0.01	4.08e-05	5.61e-05	0.0
296	5	1.74e-03	-3.35e-04	-8.95e-03	2.73e-05	3.75e-05	0.0
296	8	3.48e-04	-6.69e-05	-5.21e-03	5.74e-06	7.99e-06	0.0
296	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
297	1	2.52e-03	-5.20e-04	-9.47e-03	3.33e-05	4.86e-05	0.0
297	5	1.68e-03	-3.46e-04	-6.89e-03	2.22e-05	3.24e-05	0.0
297	8	3.37e-04	-6.93e-05	-4.80e-03	4.49e-06	6.57e-06	0.0
297	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
298	1	2.45e-03	-5.37e-04	-7.03e-03	2.58e-05	4.00e-05	0.0
298	5	1.63e-03	-3.58e-04	-5.26e-03	1.72e-05	2.66e-05	0.0
298	8	3.27e-04	-7.17e-05	-4.50e-03	3.26e-06	5.02e-06	0.0
298	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
299	1	2.38e-03	-5.55e-04	-5.22e-03	1.84e-05	3.05e-05	0.0
299	2	1.43e-03	-3.33e-04	-5.55e-03	1.08e-05	1.78e-05	0.0
299	5	1.59e-03	-3.70e-04	-4.06e-03	1.22e-05	2.02e-05	0.0
299	6	9.53e-04	-2.22e-04	-4.28e-03	7.13e-06	1.18e-05	0.0
299	8	3.18e-04	-7.40e-05	-4.30e-03	2.08e-06	3.41e-06	0.0
299	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
299	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
300	1	2.32e-03	-5.73e-04	-3.99e-03	1.18e-05	2.12e-05	0.0
300	2	1.39e-03	-3.44e-04	-4.86e-03	6.69e-06	1.21e-05	0.0
300	5	1.55e-03	-3.82e-04	-3.25e-03	7.76e-06	1.40e-05	0.0
300	6	9.30e-04	-2.29e-04	-3.83e-03	4.37e-06	7.90e-06	0.0
300	8	3.10e-04	-7.65e-05	-4.19e-03	1.04e-06	1.91e-06	0.0
300	9	0.0	0.0	-4.47e-03	0.0	-1.13e-06	0.0
300	11	0.0	0.0	-4.44e-03	0.0	-1.11e-06	0.0
301	1	2.28e-03	-5.92e-04	-3.23e-03	6.64e-06	1.37e-05	0.0
301	2	1.37e-03	-3.55e-04	-4.45e-03	3.55e-06	7.49e-06	0.0
301	5	1.52e-03	-3.95e-04	-2.76e-03	4.32e-06	8.97e-06	0.0
301	6	9.10e-04	-2.37e-04	-3.57e-03	2.27e-06	4.82e-06	0.0
301	8	3.03e-04	-7.90e-05	-4.15e-03	0.0	0.0	0.0
301	9	0.0	0.0	-4.55e-03	0.0	-1.32e-06	0.0
301	11	0.0	0.0	-4.52e-03	0.0	-1.31e-06	0.0
302	1	4.53e-03	-1.35e-05	-0.10	2.58e-05	-9.28e-05	0.0
302	5	3.02e-03	-9.03e-06	-0.07	1.73e-05	-6.14e-05	0.0
302	8	6.04e-04	-1.81e-06	-0.02	4.23e-06	-9.43e-06	0.0
302	11	0.0	0.0	-7.65e-03	0.0	3.56e-06	0.0
303	1	4.39e-03	-6.31e-05	-0.10	3.26e-05	-6.11e-05	0.0
303	5	2.92e-03	-4.21e-05	-0.06	2.19e-05	-4.02e-05	0.0
303	8	5.85e-04	-8.41e-06	-0.02	5.25e-06	-4.79e-06	0.0
303	11	0.0	0.0	-7.23e-03	1.08e-06	4.05e-06	0.0
304	1	4.48e-03	0.0	-0.03	0.0	-2.09e-04	0.0
304	5	2.99e-03	0.0	-0.02	0.0	-1.39e-04	0.0
304	8	5.98e-04	0.0	-0.01	0.0	-2.72e-05	0.0
304	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
305	1	4.49e-03	-2.26e-06	-0.05	4.10e-06	-1.93e-04	0.0
305	5	2.99e-03	-1.51e-06	-0.04	2.78e-06	-1.28e-04	0.0
305	8	5.99e-04	0.0	-0.01	0.0	-2.46e-05	0.0
305	11	0.0	0.0	-7.90e-03	0.0	1.41e-06	0.0
306	1	4.50e-03	-4.98e-06	-0.07	9.11e-06	-1.69e-04	0.0
306	5	3.00e-03	-3.32e-06	-0.05	6.15e-06	-1.12e-04	0.0
306	8	6.00e-04	0.0	-0.02	1.68e-06	-2.08e-05	0.0
306	11	0.0	0.0	-7.84e-03	0.0	2.09e-06	0.0
307	1	4.51e-03	-8.73e-06	-0.09	1.62e-05	-1.36e-04	0.0
307	5	3.01e-03	-5.82e-06	-0.06	1.09e-05	-9.00e-05	0.0
307	8	6.02e-04	-1.16e-06	-0.02	2.79e-06	-1.58e-05	0.0
307	11	0.0	0.0	-7.76e-03	0.0	2.80e-06	0.0
308	1	4.19e-03	-1.10e-04	-0.09	3.89e-05	-1.89e-05	0.0
308	5	2.80e-03	-7.31e-05	-0.06	2.61e-05	-1.20e-05	0.0
308	8	5.59e-04	-1.46e-05	-0.02	6.20e-06	1.26e-06	0.0
308	11	0.0	0.0	-6.73e-03	1.23e-06	4.58e-06	0.0
309	1	4.01e-03	-1.43e-04	-0.08	4.25e-05	1.38e-05	0.0
309	5	2.67e-03	-9.51e-05	-0.05	2.85e-05	9.86e-06	0.0
309	8	5.35e-04	-1.90e-05	-0.02	6.73e-06	5.84e-06	0.0

309	11	0.0	0.0	-6.28e-03	1.29e-06	4.83e-06	0.0
310	1	3.84e-03	-1.68e-04	-0.07	4.42e-05	3.92e-05	0.0
310	5	2.56e-03	-1.12e-04	-0.05	2.97e-05	2.68e-05	0.0
310	8	5.13e-04	-2.24e-05	-0.01	6.98e-06	9.24e-06	0.0
310	11	0.0	0.0	-5.89e-03	1.30e-06	4.86e-06	0.0
311	1	3.69e-03	-1.88e-04	-0.06	4.47e-05	5.87e-05	0.0
311	5	2.46e-03	-1.25e-04	-0.04	3.00e-05	3.98e-05	0.0
311	8	4.92e-04	-2.51e-05	-0.01	7.01e-06	1.17e-05	0.0
311	11	0.0	0.0	-5.55e-03	1.26e-06	4.72e-06	0.0
312	1	3.55e-03	-2.05e-04	-0.05	4.42e-05	7.33e-05	0.0
312	5	2.37e-03	-1.37e-04	-0.04	2.96e-05	4.95e-05	0.0
312	8	4.73e-04	-2.74e-05	-0.01	6.87e-06	1.35e-05	0.0
312	11	0.0	0.0	-5.25e-03	1.19e-06	4.45e-06	0.0
313	1	3.42e-03	-2.20e-04	-0.05	4.28e-05	8.34e-05	0.0
313	5	2.28e-03	-1.47e-04	-0.03	2.87e-05	5.62e-05	0.0
313	8	4.56e-04	-2.94e-05	-0.01	6.61e-06	1.45e-05	0.0
313	11	0.0	0.0	-5.00e-03	1.09e-06	4.07e-06	0.0
314	1	3.30e-03	-2.34e-04	-0.04	4.08e-05	8.97e-05	0.0
314	5	2.20e-03	-1.56e-04	-0.03	2.73e-05	6.02e-05	0.0
314	8	4.40e-04	-3.12e-05	-9.28e-03	6.23e-06	1.49e-05	0.0
314	11	0.0	0.0	-4.78e-03	0.0	3.60e-06	0.0
315	1	3.18e-03	-2.46e-04	-0.03	3.81e-05	9.23e-05	0.0
315	5	2.12e-03	-1.64e-04	-0.02	2.55e-05	6.19e-05	0.0
315	8	4.25e-04	-3.28e-05	-8.28e-03	5.76e-06	1.48e-05	0.0
315	11	0.0	0.0	-4.61e-03	0.0	3.07e-06	0.0
316	1	3.08e-03	-2.58e-04	-0.03	3.50e-05	9.16e-05	0.0
316	5	2.05e-03	-1.72e-04	-0.02	2.34e-05	6.14e-05	0.0
316	8	4.11e-04	-3.43e-05	-7.38e-03	5.23e-06	1.43e-05	0.0
316	11	0.0	0.0	-4.48e-03	0.0	2.50e-06	0.0
317	1	2.99e-03	-2.69e-04	-0.02	3.15e-05	8.80e-05	0.0
317	5	1.99e-03	-1.79e-04	-0.02	2.11e-05	5.89e-05	0.0
317	8	3.98e-04	-3.58e-05	-6.58e-03	4.62e-06	1.33e-05	0.0
317	11	0.0	0.0	-4.38e-03	0.0	1.89e-06	0.0
318	1	2.90e-03	-2.79e-04	-0.02	2.77e-05	8.18e-05	0.0
318	5	1.93e-03	-1.86e-04	-0.01	1.85e-05	5.47e-05	0.0
318	8	3.87e-04	-3.72e-05	-5.89e-03	3.98e-06	1.20e-05	0.0
318	11	0.0	0.0	-4.32e-03	0.0	1.29e-06	0.0
319	1	2.82e-03	-2.90e-04	-0.01	2.35e-05	7.32e-05	0.0
319	5	1.88e-03	-1.93e-04	-9.48e-03	1.57e-05	4.89e-05	0.0
319	8	3.76e-04	-3.86e-05	-5.32e-03	3.29e-06	1.03e-05	0.0
319	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
320	1	2.74e-03	-3.00e-04	-9.91e-03	1.92e-05	6.27e-05	0.0
320	5	1.83e-03	-2.00e-04	-7.18e-03	1.28e-05	4.18e-05	0.0
320	8	3.66e-04	-4.00e-05	-4.86e-03	2.59e-06	8.45e-06	0.0
320	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
321	1	2.68e-03	-3.10e-04	-7.18e-03	1.49e-05	5.09e-05	0.0
321	5	1.79e-03	-2.07e-04	-5.36e-03	9.92e-06	3.39e-05	0.0
321	8	3.57e-04	-4.14e-05	-4.52e-03	1.90e-06	6.44e-06	0.0
321	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
322	1	2.62e-03	-3.21e-04	-5.15e-03	1.07e-05	3.84e-05	0.0
322	2	1.57e-03	-1.92e-04	-5.51e-03	6.26e-06	2.25e-05	0.0
322	5	1.75e-03	-2.14e-04	-4.02e-03	7.09e-06	2.55e-05	0.0
322	6	1.05e-03	-1.28e-04	-4.26e-03	4.14e-06	1.49e-05	0.0
322	8	3.49e-04	-4.27e-05	-4.29e-03	1.23e-06	4.39e-06	0.0
322	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
322	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
323	1	2.57e-03	-3.31e-04	-3.77e-03	6.85e-06	2.64e-05	0.0
323	2	1.54e-03	-1.99e-04	-4.73e-03	3.92e-06	1.51e-05	0.0
323	5	1.71e-03	-2.21e-04	-3.11e-03	4.52e-06	1.74e-05	0.0
323	6	1.03e-03	-1.32e-04	-3.74e-03	2.57e-06	9.90e-06	0.0
323	8	3.42e-04	-4.41e-05	-4.16e-03	0.0	2.50e-06	0.0
323	9	0.0	0.0	-4.47e-03	0.0	-1.26e-06	0.0
323	11	0.0	0.0	-4.44e-03	0.0	-1.24e-06	0.0
324	1	2.53e-03	-3.42e-04	-2.92e-03	3.89e-06	1.68e-05	0.0
324	2	1.52e-03	-2.05e-04	-4.25e-03	2.11e-06	9.22e-06	0.0
324	5	1.68e-03	-2.28e-04	-2.55e-03	2.54e-06	1.10e-05	0.0
324	6	1.01e-03	-1.37e-04	-3.44e-03	1.36e-06	5.95e-06	0.0
324	8	3.37e-04	-4.56e-05	-4.11e-03	0.0	1.04e-06	0.0
324	9	0.0	0.0	-4.55e-03	0.0	-1.47e-06	0.0
324	11	0.0	0.0	-4.52e-03	0.0	-1.46e-06	0.0
325	1	4.54e-03	0.0	-0.11	0.0	-8.60e-05	0.0
325	5	3.02e-03	0.0	-0.07	0.0	-5.69e-05	0.0
325	8	6.05e-04	0.0	-0.02	0.0	-8.43e-06	0.0
325	11	0.0	0.0	-7.65e-03	0.0	3.68e-06	0.0
326	1	4.40e-03	0.0	-0.10	0.0	-5.25e-05	0.0
326	5	2.94e-03	0.0	-0.07	0.0	-3.44e-05	0.0
326	8	5.87e-04	0.0	-0.02	0.0	-3.54e-06	0.0

326	11	0.0	0.0	-7.23e-03	0.0	4.19e-06	0.0
327	1	4.48e-03	0.0	-0.03	0.0	-2.09e-04	0.0
327	5	2.99e-03	0.0	-0.02	0.0	-1.39e-04	0.0
327	8	5.98e-04	0.0	-0.01	0.0	-2.72e-05	0.0
327	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
328	1	4.49e-03	0.0	-0.05	0.0	-1.92e-04	0.0
328	5	2.99e-03	0.0	-0.04	0.0	-1.28e-04	0.0
328	8	5.99e-04	0.0	-0.01	0.0	-2.44e-05	0.0
328	11	0.0	0.0	-7.90e-03	0.0	1.46e-06	0.0
329	1	4.50e-03	0.0	-0.07	0.0	-1.66e-04	0.0
329	5	3.00e-03	0.0	-0.05	0.0	-1.11e-04	0.0
329	8	6.00e-04	0.0	-0.02	0.0	-2.04e-05	0.0
329	11	0.0	0.0	-7.84e-03	0.0	2.16e-06	0.0
330	1	4.52e-03	0.0	-0.09	0.0	-1.31e-04	0.0
330	5	3.01e-03	0.0	-0.06	0.0	-8.71e-05	0.0
330	8	6.02e-04	0.0	-0.02	0.0	-1.51e-05	0.0
330	11	0.0	0.0	-7.76e-03	0.0	2.90e-06	0.0
331	1	4.22e-03	0.0	-0.09	0.0	-8.73e-06	0.0
331	5	2.82e-03	0.0	-0.06	0.0	-5.19e-06	0.0
331	8	5.63e-04	0.0	-0.02	0.0	2.76e-06	0.0
331	11	0.0	0.0	-6.73e-03	0.0	4.74e-06	0.0
332	1	4.05e-03	0.0	-0.08	0.0	2.50e-05	0.0
332	5	2.70e-03	0.0	-0.05	0.0	1.73e-05	0.0
332	8	5.40e-04	0.0	-0.02	0.0	7.46e-06	0.0
332	11	0.0	0.0	-6.28e-03	0.0	5.00e-06	0.0
333	1	3.89e-03	0.0	-0.07	0.0	5.08e-05	0.0
333	5	2.59e-03	0.0	-0.05	0.0	3.45e-05	0.0
333	8	5.19e-04	0.0	-0.01	0.0	1.09e-05	0.0
333	11	0.0	0.0	-5.89e-03	0.0	5.03e-06	0.0
334	1	3.74e-03	0.0	-0.06	0.0	7.05e-05	0.0
334	5	2.49e-03	0.0	-0.04	0.0	4.76e-05	0.0
334	8	4.99e-04	0.0	-0.01	0.0	1.34e-05	0.0
334	11	0.0	0.0	-5.55e-03	0.0	4.89e-06	0.0
335	1	3.60e-03	0.0	-0.06	0.0	8.50e-05	0.0
335	5	2.40e-03	0.0	-0.04	0.0	5.73e-05	0.0
335	8	4.80e-04	0.0	-0.01	0.0	1.51e-05	0.0
335	11	0.0	0.0	-5.25e-03	0.0	4.60e-06	0.0
336	1	3.48e-03	0.0	-0.05	0.0	9.47e-05	0.0
336	5	2.32e-03	0.0	-0.03	0.0	6.37e-05	0.0
336	8	4.63e-04	0.0	-0.01	0.0	1.61e-05	0.0
336	11	0.0	0.0	-5.00e-03	0.0	4.21e-06	0.0
337	1	3.36e-03	0.0	-0.04	0.0	1.00e-04	0.0
337	5	2.24e-03	0.0	-0.03	0.0	6.74e-05	0.0
337	8	4.48e-04	0.0	-9.44e-03	0.0	1.65e-05	0.0
337	11	0.0	0.0	-4.78e-03	0.0	3.73e-06	0.0
338	1	3.25e-03	0.0	-0.03	0.0	1.02e-04	0.0
338	5	2.17e-03	0.0	-0.02	0.0	6.87e-05	0.0
338	8	4.33e-04	0.0	-8.41e-03	0.0	1.63e-05	0.0
338	11	0.0	0.0	-4.61e-03	0.0	3.18e-06	0.0
339	1	3.15e-03	0.0	-0.03	0.0	1.01e-04	0.0
339	5	2.10e-03	0.0	-0.02	0.0	6.76e-05	0.0
339	8	4.20e-04	0.0	-7.48e-03	0.0	1.56e-05	0.0
339	11	0.0	0.0	-4.48e-03	0.0	2.58e-06	0.0
340	1	3.06e-03	0.0	-0.02	0.0	9.64e-05	0.0
340	5	2.04e-03	0.0	-0.02	0.0	6.45e-05	0.0
340	8	4.08e-04	0.0	-6.66e-03	0.0	1.45e-05	0.0
340	11	0.0	0.0	-4.38e-03	0.0	1.96e-06	0.0
341	1	2.97e-03	0.0	-0.02	0.0	8.91e-05	0.0
341	5	1.98e-03	0.0	-0.01	0.0	5.96e-05	0.0
341	8	3.97e-04	0.0	-5.95e-03	0.0	1.30e-05	0.0
341	11	0.0	0.0	-4.32e-03	0.0	1.33e-06	0.0
342	1	2.90e-03	0.0	-0.01	0.0	7.95e-05	0.0
342	5	1.93e-03	0.0	-9.66e-03	0.0	5.31e-05	0.0
342	8	3.86e-04	0.0	-5.35e-03	0.0	1.12e-05	0.0
342	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
343	1	2.82e-03	0.0	-0.01	0.0	6.78e-05	0.0
343	5	1.88e-03	0.0	-7.28e-03	0.0	4.52e-05	0.0
343	8	3.77e-04	0.0	-4.88e-03	0.0	9.14e-06	0.0
343	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
344	1	2.76e-03	0.0	-7.23e-03	0.0	5.49e-05	0.0
344	5	1.84e-03	0.0	-5.40e-03	0.0	3.66e-05	0.0
344	8	3.68e-04	0.0	-4.52e-03	0.0	6.97e-06	0.0
344	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
345	1	2.70e-03	0.0	-5.13e-03	0.0	4.13e-05	0.0
345	2	1.62e-03	0.0	-5.50e-03	0.0	2.42e-05	0.0
345	5	1.80e-03	0.0	-4.00e-03	0.0	2.74e-05	0.0
345	6	1.08e-03	0.0	-4.25e-03	0.0	1.60e-05	0.0

345	8	3.61e-04	0.0	-4.28e-03	0.0	4.76e-06	0.0
345	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
345	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
346	1	2.66e-03	0.0	-3.70e-03	0.0	2.83e-05	0.0
346	2	1.59e-03	0.0	-4.68e-03	0.0	1.62e-05	0.0
346	5	1.77e-03	0.0	-3.06e-03	0.0	1.87e-05	0.0
346	6	1.06e-03	0.0	-3.71e-03	0.0	1.06e-05	0.0
346	8	3.54e-04	0.0	-4.15e-03	0.0	2.71e-06	0.0
346	9	0.0	0.0	-4.47e-03	0.0	-1.30e-06	0.0
346	11	0.0	0.0	-4.44e-03	0.0	-1.29e-06	0.0
347	1	2.62e-03	0.0	-2.81e-03	0.0	1.79e-05	0.0
347	2	1.57e-03	0.0	-4.19e-03	0.0	9.86e-06	0.0
347	5	1.74e-03	0.0	-2.47e-03	0.0	1.17e-05	0.0
347	6	1.05e-03	0.0	-3.40e-03	0.0	6.37e-06	0.0
347	8	3.49e-04	0.0	-4.09e-03	0.0	1.14e-06	0.0
347	9	0.0	0.0	-4.55e-03	0.0	-1.52e-06	0.0
347	11	0.0	0.0	-4.52e-03	0.0	-1.51e-06	0.0
348	1	4.53e-03	1.35e-05	-0.10	-2.58e-05	-9.28e-05	0.0
348	5	3.02e-03	9.03e-06	-0.07	-1.73e-05	-6.14e-05	0.0
348	8	6.04e-04	1.81e-06	-0.02	-4.23e-06	-9.43e-06	0.0
348	11	0.0	0.0	-7.65e-03	0.0	3.56e-06	0.0
349	1	4.39e-03	6.31e-05	-0.10	-3.26e-05	-6.11e-05	0.0
349	5	2.92e-03	4.21e-05	-0.06	-2.19e-05	-4.02e-05	0.0
349	8	5.85e-04	8.41e-06	-0.02	-5.25e-06	-4.79e-06	0.0
349	11	0.0	0.0	-7.23e-03	-1.08e-06	4.05e-06	0.0
350	1	4.48e-03	0.0	-0.03	0.0	-2.09e-04	0.0
350	5	2.99e-03	0.0	-0.02	0.0	-1.39e-04	0.0
350	8	5.98e-04	0.0	-0.01	0.0	-2.72e-05	0.0
350	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
351	1	4.49e-03	2.26e-06	-0.05	-4.10e-06	-1.93e-04	0.0
351	5	2.99e-03	1.51e-06	-0.04	-2.78e-06	-1.28e-04	0.0
351	8	5.99e-04	0.0	-0.01	0.0	-2.46e-05	0.0
351	11	0.0	0.0	-7.90e-03	0.0	1.41e-06	0.0
352	1	4.50e-03	4.98e-06	-0.07	-9.11e-06	-1.69e-04	0.0
352	5	3.00e-03	3.32e-06	-0.05	-6.15e-06	-1.12e-04	0.0
352	8	6.00e-04	0.0	-0.02	-1.68e-06	-2.08e-05	0.0
352	11	0.0	0.0	-7.84e-03	0.0	2.09e-06	0.0
353	1	4.51e-03	8.73e-06	-0.09	-1.62e-05	-1.36e-04	0.0
353	5	3.01e-03	5.82e-06	-0.06	-1.09e-05	-9.00e-05	0.0
353	8	6.02e-04	1.16e-06	-0.02	-2.79e-06	-1.58e-05	0.0
353	11	0.0	0.0	-7.76e-03	0.0	2.80e-06	0.0
354	1	4.19e-03	1.10e-04	-0.09	-3.89e-05	-1.89e-05	0.0
354	5	2.80e-03	7.31e-05	-0.06	-2.61e-05	-1.20e-05	0.0
354	8	5.59e-04	1.46e-05	-0.02	-6.20e-06	1.26e-06	0.0
354	11	0.0	0.0	-6.73e-03	-1.23e-06	4.58e-06	0.0
355	1	4.01e-03	1.43e-04	-0.08	-4.25e-05	1.38e-05	0.0
355	5	2.67e-03	9.51e-05	-0.05	-2.85e-05	9.86e-06	0.0
355	8	5.35e-04	1.90e-05	-0.02	-6.73e-06	5.84e-06	0.0
355	11	0.0	0.0	-6.28e-03	-1.29e-06	4.83e-06	0.0
356	1	3.84e-03	1.68e-04	-0.07	-4.42e-05	3.92e-05	0.0
356	5	2.56e-03	1.12e-04	-0.05	-2.97e-05	2.68e-05	0.0
356	8	5.13e-04	2.24e-05	-0.01	-6.98e-06	9.24e-06	0.0
356	11	0.0	0.0	-5.89e-03	-1.30e-06	4.86e-06	0.0
357	1	3.69e-03	1.88e-04	-0.06	-4.47e-05	5.87e-05	0.0
357	5	2.46e-03	1.25e-04	-0.04	-3.00e-05	3.98e-05	0.0
357	8	4.92e-04	2.51e-05	-0.01	-7.01e-06	1.17e-05	0.0
357	11	0.0	0.0	-5.55e-03	-1.26e-06	4.72e-06	0.0
358	1	3.55e-03	2.05e-04	-0.05	-4.42e-05	7.33e-05	0.0
358	5	2.37e-03	1.37e-04	-0.04	-2.96e-05	4.95e-05	0.0
358	8	4.73e-04	2.74e-05	-0.01	-6.87e-06	1.35e-05	0.0
358	11	0.0	0.0	-5.25e-03	-1.19e-06	4.45e-06	0.0
359	1	3.42e-03	2.20e-04	-0.05	-4.28e-05	8.34e-05	0.0
359	5	2.28e-03	1.47e-04	-0.03	-2.87e-05	5.62e-05	0.0
359	8	4.56e-04	2.94e-05	-0.01	-6.61e-06	1.45e-05	0.0
359	11	0.0	0.0	-5.00e-03	-1.09e-06	4.07e-06	0.0
360	1	3.30e-03	2.34e-04	-0.04	-4.08e-05	8.97e-05	0.0
360	5	2.20e-03	1.56e-04	-0.03	-2.73e-05	6.02e-05	0.0
360	8	4.40e-04	3.12e-05	-9.28e-03	-6.23e-06	1.49e-05	0.0
360	11	0.0	0.0	-4.78e-03	0.0	3.60e-06	0.0
361	1	3.18e-03	2.46e-04	-0.03	-3.81e-05	9.23e-05	0.0
361	5	2.12e-03	1.64e-04	-0.02	-2.55e-05	6.19e-05	0.0
361	8	4.25e-04	3.28e-05	-8.28e-03	-5.76e-06	1.48e-05	0.0
361	11	0.0	0.0	-4.61e-03	0.0	3.07e-06	0.0
362	1	3.08e-03	2.58e-04	-0.03	-3.50e-05	9.16e-05	0.0
362	5	2.05e-03	1.72e-04	-0.02	-2.34e-05	6.14e-05	0.0
362	8	4.11e-04	3.43e-05	-7.38e-03	-5.23e-06	1.43e-05	0.0
362	11	0.0	0.0	-4.48e-03	0.0	2.50e-06	0.0

363	1	2.99e-03	2.69e-04	-0.02	-3.15e-05	8.80e-05	0.0
363	5	1.99e-03	1.79e-04	-0.02	-2.11e-05	5.89e-05	0.0
363	8	3.98e-04	3.58e-05	-6.58e-03	-4.62e-06	1.33e-05	0.0
363	11	0.0	0.0	-4.38e-03	0.0	1.89e-06	0.0
364	1	2.90e-03	2.79e-04	-0.02	-2.77e-05	8.18e-05	0.0
364	5	1.93e-03	1.86e-04	-0.01	-1.85e-05	5.47e-05	0.0
364	8	3.87e-04	3.72e-05	-5.89e-03	-3.98e-06	1.20e-05	0.0
364	11	0.0	0.0	-4.32e-03	0.0	1.29e-06	0.0
365	1	2.82e-03	2.90e-04	-0.01	-2.35e-05	7.32e-05	0.0
365	5	1.88e-03	1.93e-04	-9.48e-03	-1.57e-05	4.89e-05	0.0
365	8	3.76e-04	3.86e-05	-5.32e-03	-3.29e-06	1.03e-05	0.0
365	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
366	1	2.74e-03	3.00e-04	-9.91e-03	-1.92e-05	6.27e-05	0.0
366	5	1.83e-03	2.00e-04	-7.18e-03	-1.28e-05	4.18e-05	0.0
366	8	3.66e-04	4.00e-05	-4.86e-03	-2.59e-06	8.45e-06	0.0
366	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
367	1	2.68e-03	3.10e-04	-7.18e-03	-1.49e-05	5.09e-05	0.0
367	5	1.79e-03	2.07e-04	-5.36e-03	-9.92e-06	3.39e-05	0.0
367	8	3.57e-04	4.14e-05	-4.52e-03	-1.90e-06	6.44e-06	0.0
367	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
368	1	2.62e-03	3.21e-04	-5.15e-03	-1.07e-05	3.84e-05	0.0
368	2	1.57e-03	1.92e-04	-5.51e-03	-6.26e-06	2.25e-05	0.0
368	5	1.75e-03	2.14e-04	-4.02e-03	-7.09e-06	2.55e-05	0.0
368	6	1.05e-03	1.28e-04	-4.26e-03	-4.14e-06	1.49e-05	0.0
368	8	3.49e-04	4.27e-05	-4.29e-03	-1.23e-06	4.39e-06	0.0
368	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
368	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
369	1	2.57e-03	3.31e-04	-3.77e-03	-6.85e-06	2.64e-05	0.0
369	2	1.54e-03	1.99e-04	-4.73e-03	-3.92e-06	1.51e-05	0.0
369	5	1.71e-03	2.21e-04	-3.11e-03	-4.52e-06	1.74e-05	0.0
369	6	1.03e-03	1.32e-04	-3.74e-03	-2.57e-06	9.90e-06	0.0
369	8	3.42e-04	4.41e-05	-4.16e-03	0.0	2.50e-06	0.0
369	9	0.0	0.0	-4.47e-03	0.0	-1.26e-06	0.0
369	11	0.0	0.0	-4.44e-03	0.0	-1.24e-06	0.0
370	1	2.53e-03	3.42e-04	-2.92e-03	-3.89e-06	1.68e-05	0.0
370	2	1.52e-03	2.05e-04	-4.25e-03	-2.11e-06	9.22e-06	0.0
370	5	1.68e-03	2.28e-04	-2.55e-03	-2.54e-06	1.10e-05	0.0
370	6	1.01e-03	1.37e-04	-3.44e-03	-1.36e-06	5.95e-06	0.0
370	8	3.37e-04	4.56e-05	-4.11e-03	0.0	1.04e-06	0.0
370	9	0.0	0.0	-4.55e-03	0.0	-1.47e-06	0.0
370	11	0.0	0.0	-4.52e-03	0.0	-1.46e-06	0.0
371	1	4.52e-03	2.35e-05	-0.09	-4.49e-05	-1.11e-04	0.0
371	5	3.01e-03	1.56e-05	-0.06	-3.02e-05	-7.37e-05	0.0
371	8	6.03e-04	3.13e-06	-0.02	-7.51e-06	-1.22e-05	0.0
371	11	0.0	0.0	-7.65e-03	-1.84e-06	3.19e-06	0.0
372	1	4.34e-03	1.09e-04	-0.09	-5.68e-05	-8.44e-05	0.0
372	5	2.89e-03	7.29e-05	-0.06	-3.81e-05	-5.58e-05	0.0
372	8	5.79e-04	1.46e-05	-0.02	-9.30e-06	-8.26e-06	0.0
372	11	0.0	0.0	-7.23e-03	-2.10e-06	3.63e-06	0.0
373	1	4.48e-03	0.0	-0.03	-1.38e-06	-2.09e-04	0.0
373	5	2.99e-03	0.0	-0.02	0.0	-1.39e-04	0.0
373	8	5.98e-04	0.0	-0.01	0.0	-2.73e-05	0.0
373	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
374	1	4.49e-03	3.92e-06	-0.05	-7.19e-06	-1.96e-04	0.0
374	5	2.99e-03	2.61e-06	-0.03	-4.89e-06	-1.30e-04	0.0
374	8	5.98e-04	0.0	-0.01	-1.56e-06	-2.51e-05	0.0
374	11	0.0	0.0	-7.90e-03	0.0	1.27e-06	0.0
375	1	4.50e-03	8.63e-06	-0.06	-1.59e-05	-1.75e-04	0.0
375	5	3.00e-03	5.75e-06	-0.04	-1.08e-05	-1.17e-04	0.0
375	8	6.00e-04	1.15e-06	-0.02	-3.02e-06	-2.18e-05	0.0
375	11	0.0	0.0	-7.84e-03	-1.08e-06	1.87e-06	0.0
376	1	4.51e-03	1.51e-05	-0.08	-2.83e-05	-1.47e-04	0.0
376	5	3.01e-03	1.01e-05	-0.05	-1.91e-05	-9.77e-05	0.0
376	8	6.01e-04	2.02e-06	-0.02	-4.98e-06	-1.75e-05	0.0
376	11	0.0	0.0	-7.76e-03	-1.45e-06	2.51e-06	0.0
377	1	4.11e-03	1.90e-04	-0.08	-6.77e-05	-4.68e-05	0.0
377	5	2.74e-03	1.27e-04	-0.05	-4.54e-05	-3.07e-05	0.0
377	8	5.48e-04	2.53e-05	-0.02	-1.10e-05	-2.85e-06	0.0
377	11	0.0	0.0	-6.73e-03	-2.37e-06	4.11e-06	0.0
378	1	3.91e-03	2.47e-04	-0.07	-7.39e-05	-1.67e-05	0.0
378	5	2.60e-03	1.65e-04	-0.05	-4.96e-05	-1.05e-05	0.0
378	8	5.21e-04	3.29e-05	-0.01	-1.19e-05	1.36e-06	0.0
378	11	0.0	0.0	-6.28e-03	-2.50e-06	4.33e-06	0.0
379	1	3.72e-03	2.91e-04	-0.06	-7.70e-05	7.36e-06	0.0
379	5	2.48e-03	1.94e-04	-0.04	-5.17e-05	5.49e-06	0.0
379	8	4.96e-04	3.88e-05	-0.01	-1.23e-05	4.58e-06	0.0
379	11	0.0	0.0	-5.89e-03	-2.52e-06	4.36e-06	0.0

380	1	3.55e-03	3.26e-04	-0.06	-7.78e-05	2.66e-05	0.0
380	5	2.37e-03	2.17e-04	-0.04	-5.22e-05	1.83e-05	0.0
380	8	4.74e-04	4.34e-05	-0.01	-1.24e-05	7.04e-06	0.0
380	11	0.0	0.0	-5.55e-03	-2.44e-06	4.23e-06	0.0
381	1	3.40e-03	3.55e-04	-0.05	-7.68e-05	4.16e-05	0.0
381	5	2.26e-03	2.37e-04	-0.03	-5.15e-05	2.82e-05	0.0
381	8	4.53e-04	4.74e-05	-0.01	-1.21e-05	8.84e-06	0.0
381	11	0.0	0.0	-5.25e-03	-2.30e-06	3.99e-06	0.0
382	1	3.26e-03	3.81e-04	-0.04	-7.44e-05	5.26e-05	0.0
382	5	2.17e-03	2.54e-04	-0.03	-4.99e-05	3.56e-05	0.0
382	8	4.34e-04	5.09e-05	-9.81e-03	-1.17e-05	1.00e-05	0.0
382	11	0.0	0.0	-5.00e-03	-2.10e-06	3.64e-06	0.0
383	1	3.13e-03	4.05e-04	-0.04	-7.09e-05	6.02e-05	0.0
383	5	2.08e-03	2.70e-04	-0.02	-4.75e-05	4.06e-05	0.0
383	8	4.17e-04	5.40e-05	-8.81e-03	-1.10e-05	1.07e-05	0.0
383	11	0.0	0.0	-4.78e-03	-1.86e-06	3.23e-06	0.0
384	1	3.00e-03	4.26e-04	-0.03	-6.63e-05	6.47e-05	0.0
384	5	2.00e-03	2.84e-04	-0.02	-4.44e-05	4.35e-05	0.0
384	8	4.01e-04	5.68e-05	-7.90e-03	-1.01e-05	1.09e-05	0.0
384	11	0.0	0.0	-4.61e-03	-1.59e-06	2.75e-06	0.0
385	1	2.89e-03	4.46e-04	-0.03	-6.09e-05	6.63e-05	0.0
385	5	1.93e-03	2.97e-04	-0.02	-4.07e-05	4.45e-05	0.0
385	8	3.86e-04	5.95e-05	-7.08e-03	-9.19e-06	1.07e-05	0.0
385	11	0.0	0.0	-4.48e-03	-1.29e-06	2.24e-06	0.0
386	1	2.79e-03	4.65e-04	-0.02	-5.47e-05	6.52e-05	0.0
386	5	1.86e-03	3.10e-04	-0.01	-3.66e-05	4.37e-05	0.0
386	8	3.72e-04	6.20e-05	-6.35e-03	-8.10e-06	1.01e-05	0.0
386	11	0.0	0.0	-4.38e-03	0.0	1.70e-06	0.0
387	1	2.69e-03	4.84e-04	-0.02	-4.80e-05	6.17e-05	0.0
387	5	1.80e-03	3.23e-04	-0.01	-3.21e-05	4.13e-05	0.0
387	8	3.59e-04	6.45e-05	-5.73e-03	-6.96e-06	9.18e-06	0.0
387	11	0.0	0.0	-4.32e-03	0.0	1.15e-06	0.0
388	1	2.61e-03	5.02e-04	-0.01	-4.08e-05	5.61e-05	0.0
388	5	1.74e-03	3.35e-04	-8.95e-03	-2.73e-05	3.75e-05	0.0
388	8	3.48e-04	6.69e-05	-5.21e-03	-5.74e-06	7.99e-06	0.0
388	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
389	1	2.52e-03	5.20e-04	-9.47e-03	-3.33e-05	4.86e-05	0.0
389	5	1.68e-03	3.46e-04	-6.89e-03	-2.22e-05	3.24e-05	0.0
389	8	3.37e-04	6.93e-05	-4.80e-03	-4.49e-06	6.57e-06	0.0
389	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
390	1	2.45e-03	5.37e-04	-7.03e-03	-2.58e-05	4.00e-05	0.0
390	5	1.63e-03	3.58e-04	-5.26e-03	-1.72e-05	2.66e-05	0.0
390	8	3.27e-04	7.17e-05	-4.50e-03	-3.26e-06	5.02e-06	0.0
390	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
391	1	2.38e-03	5.55e-04	-5.22e-03	-1.84e-05	3.05e-05	0.0
391	2	1.43e-03	3.33e-04	-5.55e-03	-1.08e-05	1.78e-05	0.0
391	5	1.59e-03	3.70e-04	-4.06e-03	-1.22e-05	2.02e-05	0.0
391	6	9.53e-04	2.22e-04	-4.28e-03	-7.13e-06	1.18e-05	0.0
391	8	3.18e-04	7.40e-05	-4.30e-03	-2.08e-06	3.41e-06	0.0
391	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
391	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
392	1	2.32e-03	5.73e-04	-3.99e-03	-1.18e-05	2.12e-05	0.0
392	2	1.39e-03	3.44e-04	-4.86e-03	-6.69e-06	1.21e-05	0.0
392	5	1.55e-03	3.82e-04	-3.25e-03	-7.76e-06	1.40e-05	0.0
392	6	9.30e-04	2.29e-04	-3.83e-03	-4.37e-06	7.90e-06	0.0
392	8	3.10e-04	7.65e-05	-4.19e-03	-1.04e-06	1.91e-06	0.0
392	9	0.0	0.0	-4.47e-03	0.0	-1.13e-06	0.0
392	11	0.0	0.0	-4.44e-03	0.0	-1.11e-06	0.0
393	1	2.28e-03	5.92e-04	-3.23e-03	-6.64e-06	1.37e-05	0.0
393	2	1.37e-03	3.55e-04	-4.45e-03	-3.55e-06	7.49e-06	0.0
393	5	1.52e-03	3.95e-04	-2.76e-03	-4.32e-06	8.97e-06	0.0
393	6	9.10e-04	2.37e-04	-3.57e-03	-2.27e-06	4.82e-06	0.0
393	8	3.03e-04	7.90e-05	-4.15e-03	0.0	0.0	0.0
393	9	0.0	0.0	-4.55e-03	0.0	-1.32e-06	0.0
393	11	0.0	0.0	-4.52e-03	0.0	-1.31e-06	0.0
394	1	4.51e-03	2.71e-05	-0.08	-5.25e-05	-1.37e-04	0.0
394	5	3.01e-03	1.81e-05	-0.05	-3.54e-05	-9.07e-05	0.0
394	8	6.01e-04	3.61e-06	-0.02	-9.15e-06	-1.61e-05	0.0
394	11	0.0	0.0	-7.65e-03	-2.60e-06	2.60e-06	0.0
395	1	4.28e-03	1.26e-04	-0.07	-6.63e-05	-1.17e-04	0.0
395	5	2.85e-03	8.41e-05	-0.05	-4.46e-05	-7.73e-05	0.0
395	8	5.70e-04	1.68e-05	-0.02	-1.13e-05	-1.31e-05	0.0
395	11	0.0	0.0	-7.23e-03	-2.96e-06	2.96e-06	0.0
396	1	4.48e-03	1.04e-06	-0.03	-1.72e-06	-2.10e-04	0.0
396	5	2.99e-03	0.0	-0.02	-1.22e-06	-1.40e-04	0.0
396	8	5.98e-04	0.0	-0.01	0.0	-2.75e-05	0.0
396	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0

397	1	4.49e-03	4.53e-06	-0.04	-8.55e-06	-2.00e-04	0.0
397	5	2.99e-03	3.02e-06	-0.03	-5.84e-06	-1.33e-04	0.0
397	8	5.98e-04	0.0	-0.01	-1.99e-06	-2.58e-05	0.0
397	11	0.0	0.0	-7.90e-03	-1.03e-06	1.03e-06	0.0
398	1	4.49e-03	9.96e-06	-0.05	-1.88e-05	-1.84e-04	0.0
398	5	2.99e-03	6.64e-06	-0.04	-1.27e-05	-1.22e-04	0.0
398	8	5.99e-04	1.33e-06	-0.01	-3.76e-06	-2.33e-05	0.0
398	11	0.0	0.0	-7.84e-03	-1.53e-06	1.53e-06	0.0
399	1	4.50e-03	1.75e-05	-0.07	-3.32e-05	-1.63e-04	0.0
399	5	3.00e-03	1.16e-05	-0.05	-2.24e-05	-1.08e-04	0.0
399	8	6.00e-04	2.33e-06	-0.02	-6.12e-06	-2.00e-05	0.0
399	11	0.0	0.0	-7.76e-03	-2.05e-06	2.05e-06	0.0
400	1	4.00e-03	2.19e-04	-0.07	-7.89e-05	-8.51e-05	0.0
400	5	2.67e-03	1.46e-04	-0.04	-5.31e-05	-5.63e-05	0.0
400	8	5.34e-04	2.92e-05	-0.01	-1.33e-05	-8.57e-06	0.0
400	11	0.0	0.0	-6.73e-03	-3.35e-06	3.35e-06	0.0
401	1	3.76e-03	2.85e-04	-0.06	-8.62e-05	-5.85e-05	0.0
401	5	2.51e-03	1.90e-04	-0.04	-5.79e-05	-3.85e-05	0.0
401	8	5.02e-04	3.80e-05	-0.01	-1.44e-05	-4.87e-06	0.0
401	11	0.0	0.0	-6.28e-03	-3.54e-06	3.54e-06	0.0
402	1	3.55e-03	3.36e-04	-0.05	-8.97e-05	-3.62e-05	0.0
402	5	2.37e-03	2.24e-04	-0.04	-6.03e-05	-2.37e-05	0.0
402	8	4.74e-04	4.48e-05	-0.01	-1.49e-05	-1.89e-06	0.0
402	11	0.0	0.0	-5.89e-03	-3.56e-06	3.56e-06	0.0
403	1	3.36e-03	3.76e-04	-0.05	-9.06e-05	-1.75e-05	0.0
403	5	2.24e-03	2.51e-04	-0.03	-6.09e-05	-1.12e-05	0.0
403	8	4.49e-04	5.02e-05	-0.01	-1.49e-05	0.0	0.0
403	11	0.0	0.0	-5.55e-03	-3.46e-06	3.46e-06	0.0
404	1	3.19e-03	4.10e-04	-0.04	-8.94e-05	-2.01e-06	0.0
404	5	2.13e-03	2.74e-04	-0.03	-6.01e-05	0.0	0.0
404	8	4.26e-04	5.47e-05	-9.85e-03	-1.46e-05	2.42e-06	0.0
404	11	0.0	0.0	-5.25e-03	-3.25e-06	3.25e-06	0.0
405	1	3.04e-03	4.40e-04	-0.04	-8.67e-05	1.03e-05	0.0
405	5	2.02e-03	2.94e-04	-0.02	-5.82e-05	7.28e-06	0.0
405	8	4.05e-04	5.87e-05	-8.93e-03	-1.40e-05	3.84e-06	0.0
405	11	0.0	0.0	-5.00e-03	-2.98e-06	2.98e-06	0.0
406	1	2.89e-03	4.67e-04	-0.03	-8.24e-05	2.00e-05	0.0
406	5	1.93e-03	3.12e-04	-0.02	-5.53e-05	1.37e-05	0.0
406	8	3.86e-04	6.23e-05	-8.07e-03	-1.32e-05	4.84e-06	0.0
406	11	0.0	0.0	-4.78e-03	-2.64e-06	2.64e-06	0.0
407	1	2.76e-03	4.92e-04	-0.03	-7.70e-05	2.70e-05	0.0
407	5	1.84e-03	3.28e-04	-0.02	-5.17e-05	1.83e-05	0.0
407	8	3.68e-04	6.56e-05	-7.30e-03	-1.21e-05	5.46e-06	0.0
407	11	0.0	0.0	-4.61e-03	-2.25e-06	2.25e-06	0.0
408	1	2.64e-03	5.15e-04	-0.02	-7.07e-05	3.16e-05	0.0
408	5	1.76e-03	3.43e-04	-0.02	-4.74e-05	2.13e-05	0.0
408	8	3.51e-04	6.87e-05	-6.60e-03	-1.09e-05	5.73e-06	0.0
408	11	0.0	0.0	-4.48e-03	-1.83e-06	1.83e-06	0.0
409	1	2.52e-03	5.37e-04	-0.02	-6.35e-05	3.39e-05	0.0
409	5	1.68e-03	3.58e-04	-0.01	-4.25e-05	2.28e-05	0.0
409	8	3.36e-04	7.16e-05	-5.99e-03	-9.61e-06	5.68e-06	0.0
409	11	0.0	0.0	-4.38e-03	-1.39e-06	1.39e-06	0.0
410	1	2.42e-03	5.59e-04	-0.01	-5.57e-05	3.42e-05	0.0
410	5	1.61e-03	3.72e-04	-0.01	-3.72e-05	2.29e-05	0.0
410	8	3.22e-04	7.45e-05	-5.47e-03	-8.20e-06	5.34e-06	0.0
410	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
411	1	2.32e-03	5.80e-04	-0.01	-4.73e-05	3.26e-05	0.0
411	5	1.54e-03	3.86e-04	-8.10e-03	-3.16e-05	2.18e-05	0.0
411	8	3.09e-04	7.73e-05	-5.04e-03	-6.72e-06	4.77e-06	0.0
411	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
412	1	2.22e-03	6.00e-04	-8.78e-03	-3.85e-05	2.94e-05	0.0
412	5	1.48e-03	4.00e-04	-6.42e-03	-2.56e-05	1.96e-05	0.0
412	8	2.97e-04	8.00e-05	-4.71e-03	-5.19e-06	3.99e-06	0.0
412	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
413	1	2.14e-03	6.21e-04	-6.79e-03	-2.97e-05	2.50e-05	0.0
413	5	1.43e-03	4.14e-04	-5.10e-03	-1.98e-05	1.66e-05	0.0
413	8	2.85e-04	8.28e-05	-4.46e-03	-3.71e-06	3.08e-06	0.0
413	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
414	1	2.06e-03	6.41e-04	-5.32e-03	-2.11e-05	1.97e-05	0.0
414	2	1.24e-03	3.85e-04	-5.61e-03	-1.23e-05	1.14e-05	0.0
414	5	1.38e-03	4.27e-04	-4.13e-03	-1.40e-05	1.30e-05	0.0
414	6	8.25e-04	2.56e-04	-4.33e-03	-8.10e-06	7.52e-06	0.0
414	8	2.75e-04	8.55e-05	-4.31e-03	-2.28e-06	2.09e-06	0.0
414	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
414	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
415	1	1.99e-03	6.62e-04	-4.34e-03	-1.34e-05	1.42e-05	0.0
415	2	1.20e-03	3.97e-04	-5.06e-03	-7.49e-06	7.98e-06	0.0

415	5	1.33e-03	4.41e-04	-3.48e-03	-8.79e-06	9.33e-06	0.0
415	6	7.97e-04	2.65e-04	-3.97e-03	-4.88e-06	5.20e-06	0.0
415	8	2.66e-04	8.83e-05	-4.23e-03	-1.04e-06	1.14e-06	0.0
415	9	0.0	0.0	-4.47e-03	0.0	0.0	0.0
415	11	0.0	0.0	-4.44e-03	0.0	0.0	0.0
416	1	1.93e-03	6.84e-04	-3.74e-03	-7.40e-06	9.63e-06	0.0
416	2	1.16e-03	4.10e-04	-4.75e-03	-3.83e-06	5.17e-06	0.0
416	5	1.29e-03	4.56e-04	-3.09e-03	-4.79e-06	6.28e-06	0.0
416	6	7.73e-04	2.74e-04	-3.77e-03	-2.41e-06	3.30e-06	0.0
416	8	2.58e-04	9.12e-05	-4.22e-03	0.0	0.0	0.0
416	9	0.0	0.0	-4.55e-03	1.08e-06	-1.08e-06	0.0
416	11	0.0	0.0	-4.52e-03	1.07e-06	-1.07e-06	0.0
417	1	4.49e-03	2.35e-05	-0.06	-4.67e-05	-1.62e-04	0.0
417	5	3.00e-03	1.56e-05	-0.04	-3.15e-05	-1.08e-04	0.0
417	8	5.99e-04	3.13e-06	-0.01	-8.86e-06	-2.01e-05	0.0
417	11	0.0	0.0	-7.65e-03	-3.19e-06	1.84e-06	0.0
418	1	4.21e-03	1.09e-04	-0.05	-5.88e-05	-1.49e-04	0.0
418	5	2.81e-03	7.29e-05	-0.04	-3.97e-05	-9.90e-05	0.0
418	8	5.62e-04	1.46e-05	-0.01	-1.08e-05	-1.81e-05	0.0
418	11	0.0	0.0	-7.23e-03	-3.63e-06	2.10e-06	0.0
419	1	4.48e-03	0.0	-0.02	-1.75e-06	-2.11e-04	0.0
419	5	2.99e-03	0.0	-0.02	-1.26e-06	-1.40e-04	0.0
419	8	5.98e-04	0.0	-9.54e-03	0.0	-2.78e-05	0.0
419	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
420	1	4.48e-03	3.92e-06	-0.03	-7.89e-06	-2.04e-04	0.0
420	5	2.99e-03	2.61e-06	-0.02	-5.43e-06	-1.36e-04	0.0
420	8	5.98e-04	0.0	-0.01	-2.10e-06	-2.66e-05	0.0
420	11	0.0	0.0	-7.90e-03	-1.27e-06	0.0	0.0
421	1	4.49e-03	8.63e-06	-0.04	-1.70e-05	-1.93e-04	0.0
421	5	2.99e-03	5.75e-06	-0.03	-1.16e-05	-1.29e-04	0.0
421	8	5.98e-04	1.15e-06	-0.01	-3.81e-06	-2.48e-05	0.0
421	11	0.0	0.0	-7.84e-03	-1.87e-06	1.08e-06	0.0
422	1	4.49e-03	1.51e-05	-0.05	-2.97e-05	-1.79e-04	0.0
422	5	2.99e-03	1.01e-05	-0.03	-2.01e-05	-1.19e-04	0.0
422	8	5.99e-04	2.02e-06	-0.01	-6.04e-06	-2.27e-05	0.0
422	11	0.0	0.0	-7.76e-03	-2.51e-06	1.45e-06	0.0
423	1	3.89e-03	1.90e-04	-0.05	-6.99e-05	-1.24e-04	0.0
423	5	2.60e-03	1.27e-04	-0.03	-4.72e-05	-8.21e-05	0.0
423	8	5.19e-04	2.53e-05	-0.01	-1.27e-05	-1.45e-05	0.0
423	11	0.0	0.0	-6.73e-03	-4.11e-06	2.37e-06	0.0
424	1	3.62e-03	2.47e-04	-0.04	-7.63e-05	-1.01e-04	0.0
424	5	2.41e-03	1.65e-04	-0.03	-5.14e-05	-6.67e-05	0.0
424	8	4.83e-04	3.29e-05	-0.01	-1.37e-05	-1.13e-05	0.0
424	11	0.0	0.0	-6.28e-03	-4.33e-06	2.50e-06	0.0
425	1	3.39e-03	2.91e-04	-0.04	-7.94e-05	-8.02e-05	0.0
425	5	2.26e-03	1.94e-04	-0.03	-5.35e-05	-5.31e-05	0.0
425	8	4.51e-04	3.88e-05	-0.01	-1.42e-05	-8.61e-06	0.0
425	11	0.0	0.0	-5.89e-03	-4.36e-06	2.52e-06	0.0
426	1	3.18e-03	3.26e-04	-0.04	-8.01e-05	-6.19e-05	0.0
426	5	2.12e-03	2.17e-04	-0.02	-5.40e-05	-4.10e-05	0.0
426	8	4.23e-04	4.34e-05	-9.29e-03	-1.42e-05	-6.23e-06	0.0
426	11	0.0	0.0	-5.55e-03	-4.23e-06	2.44e-06	0.0
427	1	2.99e-03	3.55e-04	-0.03	-7.90e-05	-4.59e-05	0.0
427	5	1.99e-03	2.37e-04	-0.02	-5.32e-05	-3.03e-05	0.0
427	8	3.98e-04	4.74e-05	-8.50e-03	-1.38e-05	-4.21e-06	0.0
427	11	0.0	0.0	-5.25e-03	-3.99e-06	2.30e-06	0.0
428	1	2.82e-03	3.81e-04	-0.03	-7.64e-05	-3.22e-05	0.0
428	5	1.88e-03	2.54e-04	-0.02	-5.14e-05	-2.12e-05	0.0
428	8	3.75e-04	5.09e-05	-7.78e-03	-1.32e-05	-2.55e-06	0.0
428	11	0.0	0.0	-5.00e-03	-3.64e-06	2.10e-06	0.0
429	1	2.66e-03	4.05e-04	-0.02	-7.26e-05	-2.06e-05	0.0
429	5	1.77e-03	2.70e-04	-0.02	-4.88e-05	-1.35e-05	0.0
429	8	3.54e-04	5.40e-05	-7.11e-03	-1.24e-05	-1.20e-06	0.0
429	11	0.0	0.0	-4.78e-03	-3.23e-06	1.86e-06	0.0
430	1	2.51e-03	4.26e-04	-0.02	-6.77e-05	-1.09e-05	0.0
430	5	1.68e-03	2.84e-04	-0.01	-4.55e-05	-7.05e-06	0.0
430	8	3.35e-04	5.68e-05	-6.51e-03	-1.13e-05	0.0	0.0
430	11	0.0	0.0	-4.61e-03	-2.75e-06	1.59e-06	0.0
431	1	2.38e-03	4.46e-04	-0.02	-6.21e-05	-3.28e-06	0.0
431	5	1.59e-03	2.97e-04	-0.01	-4.17e-05	-2.02e-06	0.0
431	8	3.17e-04	5.95e-05	-5.98e-03	-1.01e-05	0.0	0.0
431	11	0.0	0.0	-4.48e-03	-2.24e-06	1.29e-06	0.0
432	1	2.25e-03	4.65e-04	-0.01	-5.56e-05	2.57e-06	0.0
432	5	1.50e-03	3.10e-04	-0.01	-3.73e-05	1.84e-06	0.0
432	8	3.00e-04	6.20e-05	-5.52e-03	-8.82e-06	1.16e-06	0.0
432	11	0.0	0.0	-4.38e-03	-1.70e-06	0.0	0.0
433	1	2.14e-03	4.84e-04	-0.01	-4.86e-05	6.61e-06	0.0

433	5	1.42e-03	3.23e-04	-8.45e-03	-3.26e-05	4.49e-06	0.0
433	8	2.85e-04	6.45e-05	-5.13e-03	-7.44e-06	1.44e-06	0.0
433	11	0.0	0.0	-4.32e-03	-1.15e-06	0.0	0.0
434	1	2.03e-03	5.02e-04	-9.65e-03	-4.12e-05	9.11e-06	0.0
434	5	1.35e-03	3.35e-04	-7.01e-03	-2.75e-05	6.12e-06	0.0
434	8	2.70e-04	6.69e-05	-4.82e-03	-6.00e-06	1.51e-06	0.0
434	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
435	1	1.92e-03	5.20e-04	-7.87e-03	-3.33e-05	1.02e-05	0.0
435	5	1.28e-03	3.46e-04	-5.82e-03	-2.22e-05	6.81e-06	0.0
435	8	2.57e-04	6.93e-05	-4.59e-03	-4.52e-06	1.41e-06	0.0
435	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
436	1	1.83e-03	5.37e-04	-6.48e-03	-2.56e-05	1.00e-05	0.0
436	5	1.22e-03	3.58e-04	-4.89e-03	-1.70e-05	6.66e-06	0.0
436	8	2.44e-04	7.17e-05	-4.42e-03	-3.10e-06	1.16e-06	0.0
436	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
437	1	1.74e-03	5.55e-04	-5.46e-03	-1.80e-05	8.93e-06	0.0
437	2	1.05e-03	3.33e-04	-5.70e-03	-1.03e-05	5.08e-06	0.0
437	5	1.16e-03	3.70e-04	-4.22e-03	-1.19e-05	5.89e-06	0.0
437	6	6.97e-04	2.22e-04	-4.38e-03	-6.76e-06	3.32e-06	0.0
437	8	2.32e-04	7.40e-05	-4.33e-03	-1.75e-06	0.0	0.0
437	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
437	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
438	1	1.66e-03	5.73e-04	-4.79e-03	-1.11e-05	7.24e-06	0.0
438	2	9.97e-04	3.44e-04	-5.34e-03	-6.04e-06	3.97e-06	0.0
438	5	1.11e-03	3.82e-04	-3.79e-03	-7.28e-06	4.74e-06	0.0
438	6	6.65e-04	2.29e-04	-4.15e-03	-3.88e-06	2.56e-06	0.0
438	8	2.22e-04	7.65e-05	-4.29e-03	0.0	0.0	0.0
438	9	0.0	0.0	-4.47e-03	1.13e-06	0.0	0.0
438	11	0.0	0.0	-4.44e-03	1.11e-06	0.0	0.0
439	1	1.59e-03	5.92e-04	-4.40e-03	-5.90e-06	5.63e-06	0.0
439	2	9.55e-04	3.55e-04	-5.14e-03	-2.80e-06	2.95e-06	0.0
439	5	1.06e-03	3.95e-04	-3.53e-03	-3.76e-06	3.65e-06	0.0
439	6	6.37e-04	2.37e-04	-4.03e-03	-1.69e-06	1.86e-06	0.0
439	8	2.12e-04	7.90e-05	-4.31e-03	0.0	0.0	0.0
439	9	0.0	0.0	-4.55e-03	1.32e-06	0.0	0.0
439	11	0.0	0.0	-4.52e-03	1.31e-06	0.0	0.0
440	1	4.48e-03	1.35e-05	-0.04	-2.92e-05	-1.81e-04	0.0
440	5	2.99e-03	9.03e-06	-0.02	-1.99e-05	-1.21e-04	0.0
440	8	5.98e-04	1.81e-06	-0.01	-6.83e-06	-2.34e-05	0.0
440	11	0.0	0.0	-7.65e-03	-3.56e-06	0.0	0.0
441	1	4.17e-03	6.31e-05	-0.03	-3.65e-05	-1.73e-04	0.0
441	5	2.78e-03	4.21e-05	-0.02	-2.49e-05	-1.15e-04	0.0
441	8	5.56e-04	8.41e-06	-0.01	-8.21e-06	-2.22e-05	0.0
441	11	0.0	0.0	-7.23e-03	-4.05e-06	1.08e-06	0.0
442	1	4.48e-03	0.0	-0.02	-1.49e-06	-2.11e-04	0.0
442	5	2.99e-03	0.0	-0.01	-1.09e-06	-1.41e-04	0.0
442	8	5.98e-04	0.0	-8.77e-03	0.0	-2.80e-05	0.0
442	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
443	1	4.48e-03	2.26e-06	-0.02	-5.44e-06	-2.07e-04	0.0
443	5	2.99e-03	1.51e-06	-0.02	-3.81e-06	-1.38e-04	0.0
443	8	5.98e-04	0.0	-9.41e-03	-1.89e-06	-2.73e-05	0.0
443	11	0.0	0.0	-7.90e-03	-1.41e-06	0.0	0.0
444	1	4.48e-03	4.98e-06	-0.03	-1.11e-05	-2.00e-04	0.0
444	5	2.99e-03	3.32e-06	-0.02	-7.68e-06	-1.33e-04	0.0
444	8	5.98e-04	0.0	-0.01	-3.21e-06	-2.62e-05	0.0
444	11	0.0	0.0	-7.84e-03	-2.09e-06	0.0	0.0
445	1	4.48e-03	8.73e-06	-0.03	-1.89e-05	-1.91e-04	0.0
445	5	2.99e-03	5.82e-06	-0.02	-1.30e-05	-1.27e-04	0.0
445	8	5.98e-04	1.16e-06	-0.01	-4.84e-06	-2.49e-05	0.0
445	11	0.0	0.0	-7.76e-03	-2.80e-06	0.0	0.0
446	1	3.81e-03	1.10e-04	-0.03	-4.32e-05	-1.52e-04	0.0
446	5	2.54e-03	7.31e-05	-0.02	-2.94e-05	-1.01e-04	0.0
446	8	5.09e-04	1.46e-05	-9.50e-03	-9.55e-06	-1.93e-05	0.0
446	11	0.0	0.0	-6.73e-03	-4.58e-06	1.23e-06	0.0
447	1	3.52e-03	1.43e-04	-0.03	-4.71e-05	-1.32e-04	0.0
447	5	2.35e-03	9.51e-05	-0.02	-3.20e-05	-8.78e-05	0.0
447	8	4.69e-04	1.90e-05	-8.76e-03	-1.03e-05	-1.65e-05	0.0
447	11	0.0	0.0	-6.28e-03	-4.83e-06	1.29e-06	0.0
448	1	3.26e-03	1.68e-04	-0.02	-4.89e-05	-1.13e-04	0.0
448	5	2.18e-03	1.12e-04	-0.02	-3.32e-05	-7.51e-05	0.0
448	8	4.35e-04	2.24e-05	-8.09e-03	-1.05e-05	-1.40e-05	0.0
448	11	0.0	0.0	-5.89e-03	-4.86e-06	1.30e-06	0.0
449	1	3.04e-03	1.88e-04	-0.02	-4.92e-05	-9.50e-05	0.0
449	5	2.03e-03	1.25e-04	-0.02	-3.34e-05	-6.32e-05	0.0
449	8	4.05e-04	2.51e-05	-7.49e-03	-1.05e-05	-1.16e-05	0.0
449	11	0.0	0.0	-5.55e-03	-4.72e-06	1.26e-06	0.0
450	1	2.84e-03	2.05e-04	-0.02	-4.84e-05	-7.85e-05	0.0

450	5	1.89e-03	1.37e-04	-0.01	-3.28e-05	-5.22e-05	0.0
450	8	3.78e-04	2.74e-05	-6.93e-03	-1.01e-05	-9.48e-06	0.0
450	11	0.0	0.0	-5.25e-03	-4.45e-06	1.19e-06	0.0
451	1	2.65e-03	2.20e-04	-0.02	-4.67e-05	-6.38e-05	0.0
451	5	1.77e-03	1.47e-04	-0.01	-3.16e-05	-4.24e-05	0.0
451	8	3.54e-04	2.94e-05	-6.43e-03	-9.59e-06	-7.61e-06	0.0
451	11	0.0	0.0	-5.00e-03	-4.07e-06	1.09e-06	0.0
452	1	2.49e-03	2.34e-04	-0.02	-4.42e-05	-5.07e-05	0.0
452	5	1.66e-03	1.56e-04	-0.01	-2.99e-05	-3.36e-05	0.0
452	8	3.32e-04	3.12e-05	-5.99e-03	-8.87e-06	-5.96e-06	0.0
452	11	0.0	0.0	-4.78e-03	-3.60e-06	0.0	0.0
453	1	2.33e-03	2.46e-04	-0.01	-4.10e-05	-3.90e-05	0.0
453	5	1.56e-03	1.64e-04	-9.58e-03	-2.78e-05	-2.59e-05	0.0
453	8	3.11e-04	3.28e-05	-5.59e-03	-8.01e-06	-4.52e-06	0.0
453	11	0.0	0.0	-4.61e-03	-3.07e-06	0.0	0.0
454	1	2.19e-03	2.58e-04	-0.01	-3.74e-05	-2.91e-05	0.0
454	5	1.46e-03	1.72e-04	-8.42e-03	-2.53e-05	-1.93e-05	0.0
454	8	2.92e-04	3.43e-05	-5.26e-03	-7.05e-06	-3.33e-06	0.0
454	11	0.0	0.0	-4.48e-03	-2.50e-06	0.0	0.0
455	1	2.06e-03	2.69e-04	-0.01	-3.33e-05	-2.06e-05	0.0
455	5	1.37e-03	1.79e-04	-7.39e-03	-2.24e-05	-1.37e-05	0.0
455	8	2.74e-04	3.58e-05	-4.97e-03	-6.01e-06	-2.33e-06	0.0
455	11	0.0	0.0	-4.38e-03	-1.89e-06	0.0	0.0
456	1	1.93e-03	2.79e-04	-8.87e-03	-2.89e-05	-1.37e-05	0.0
456	5	1.29e-03	1.86e-04	-6.49e-03	-1.94e-05	-9.11e-06	0.0
456	8	2.58e-04	3.72e-05	-4.74e-03	-4.92e-06	-1.54e-06	0.0
456	11	0.0	0.0	-4.32e-03	-1.29e-06	0.0	0.0
457	1	1.81e-03	2.90e-04	-7.73e-03	-2.42e-05	-8.17e-06	0.0
457	5	1.21e-03	1.93e-04	-5.73e-03	-1.62e-05	-5.43e-06	0.0
457	8	2.42e-04	3.86e-05	-4.57e-03	-3.79e-06	0.0	0.0
457	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
458	1	1.70e-03	3.00e-04	-6.82e-03	-1.93e-05	-3.87e-06	0.0
458	5	1.14e-03	2.00e-04	-5.12e-03	-1.29e-05	-2.57e-06	0.0
458	8	2.27e-04	4.00e-05	-4.45e-03	-2.66e-06	0.0	0.0
458	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
459	1	1.60e-03	3.10e-04	-6.11e-03	-1.45e-05	0.0	0.0
459	5	1.07e-03	2.07e-04	-4.65e-03	-9.59e-06	0.0	0.0
459	8	2.14e-04	4.14e-05	-4.37e-03	-1.58e-06	0.0	0.0
459	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
460	1	1.51e-03	3.21e-04	-5.62e-03	-9.80e-06	1.17e-06	0.0
460	2	9.04e-04	1.92e-04	-5.79e-03	-5.34e-06	0.0	0.0
460	5	1.00e-03	2.14e-04	-4.33e-03	-6.41e-06	0.0	0.0
460	6	6.03e-04	1.28e-04	-4.45e-03	-3.44e-06	0.0	0.0
460	8	2.01e-04	4.27e-05	-4.35e-03	0.0	0.0	0.0
460	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
460	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
461	1	1.42e-03	3.31e-04	-5.32e-03	-5.63e-06	2.32e-06	0.0
461	2	8.52e-04	1.99e-04	-5.65e-03	-2.66e-06	1.20e-06	0.0
461	5	9.47e-04	2.21e-04	-4.14e-03	-3.59e-06	1.50e-06	0.0
461	6	5.68e-04	1.32e-04	-4.36e-03	-1.60e-06	0.0	0.0
461	8	1.89e-04	4.41e-05	-4.36e-03	0.0	0.0	0.0
461	9	0.0	0.0	-4.47e-03	1.26e-06	0.0	0.0
461	11	0.0	0.0	-4.44e-03	1.24e-06	0.0	0.0
462	1	1.34e-03	3.42e-04	-5.16e-03	-2.47e-06	2.88e-06	0.0
462	2	8.05e-04	2.05e-04	-5.60e-03	0.0	1.51e-06	0.0
462	5	8.94e-04	2.28e-04	-4.04e-03	-1.45e-06	1.87e-06	0.0
462	6	5.37e-04	1.37e-04	-4.34e-03	0.0	0.0	0.0
462	8	1.79e-04	4.56e-05	-4.41e-03	0.0	0.0	0.0
462	9	0.0	0.0	-4.55e-03	1.47e-06	0.0	0.0
462	11	0.0	0.0	-4.52e-03	1.46e-06	0.0	0.0
463	1	4.48e-03	0.0	-0.01	-4.78e-06	-1.89e-04	0.0
463	2	2.69e-03	0.0	-0.01	-4.78e-06	-1.13e-04	0.0
463	5	2.99e-03	0.0	-7.70e-03	-3.68e-06	-1.26e-04	0.0
463	6	1.79e-03	0.0	-7.75e-03	-3.68e-06	-7.56e-05	0.0
463	8	5.97e-04	0.0	-7.65e-03	-3.68e-06	-2.52e-05	0.0
463	9	0.0	0.0	-7.67e-03	-3.68e-06	0.0	0.0
463	11	0.0	0.0	-7.65e-03	-3.68e-06	0.0	0.0
464	1	4.15e-03	0.0	-9.48e-03	-5.44e-06	-1.83e-04	0.0
464	2	2.49e-03	0.0	-9.56e-03	-5.44e-06	-1.10e-04	0.0
464	5	2.77e-03	0.0	-7.28e-03	-4.19e-06	-1.22e-04	0.0
464	6	1.66e-03	0.0	-7.34e-03	-4.18e-06	-7.31e-05	0.0
464	8	5.54e-04	0.0	-7.23e-03	-4.19e-06	-2.44e-05	0.0
464	9	0.0	0.0	-7.25e-03	-4.19e-06	0.0	0.0
464	11	0.0	0.0	-7.23e-03	-4.19e-06	0.0	0.0
465	1	4.48e-03	0.0	-0.01	-1.02e-06	-2.12e-04	0.0
465	2	2.69e-03	0.0	-0.01	-1.02e-06	-1.27e-04	0.0
465	5	2.99e-03	0.0	-7.99e-03	0.0	-1.41e-04	0.0

465	6	1.79e-03	0.0	-8.04e-03	0.0	-8.47e-05	0.0
465	8	5.98e-04	0.0	-7.93e-03	0.0	-2.82e-05	0.0
465	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
465	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
466	1	4.48e-03	0.0	-0.01	-1.90e-06	-2.08e-04	0.0
466	2	2.69e-03	0.0	-0.01	-1.90e-06	-1.25e-04	0.0
466	5	2.99e-03	0.0	-7.95e-03	-1.46e-06	-1.39e-04	0.0
466	6	1.79e-03	0.0	-8.00e-03	-1.46e-06	-8.33e-05	0.0
466	8	5.98e-04	0.0	-7.90e-03	-1.46e-06	-2.78e-05	0.0
466	9	0.0	0.0	-7.92e-03	-1.46e-06	0.0	0.0
466	11	0.0	0.0	-7.90e-03	-1.46e-06	0.0	0.0
467	1	4.48e-03	0.0	-0.01	-2.81e-06	-2.03e-04	0.0
467	2	2.69e-03	0.0	-0.01	-2.81e-06	-1.22e-04	0.0
467	5	2.99e-03	0.0	-7.89e-03	-2.16e-06	-1.35e-04	0.0
467	6	1.79e-03	0.0	-7.95e-03	-2.16e-06	-8.11e-05	0.0
467	8	5.98e-04	0.0	-7.84e-03	-2.16e-06	-2.70e-05	0.0
467	9	0.0	0.0	-7.86e-03	-2.16e-06	0.0	0.0
467	11	0.0	0.0	-7.84e-03	-2.16e-06	0.0	0.0
468	1	4.48e-03	0.0	-0.01	-3.77e-06	-1.96e-04	0.0
468	2	2.69e-03	0.0	-0.01	-3.76e-06	-1.18e-04	0.0
468	5	2.99e-03	0.0	-7.81e-03	-2.90e-06	-1.31e-04	0.0
468	6	1.79e-03	0.0	-7.86e-03	-2.90e-06	-7.85e-05	0.0
468	8	5.98e-04	0.0	-7.76e-03	-2.90e-06	-2.62e-05	0.0
468	9	0.0	0.0	-7.78e-03	-2.90e-06	0.0	0.0
468	11	0.0	0.0	-7.76e-03	-2.90e-06	0.0	0.0
469	1	3.78e-03	0.0	-8.82e-03	-6.16e-06	-1.64e-04	0.0
469	2	2.27e-03	0.0	-8.90e-03	-6.15e-06	-9.84e-05	0.0
469	5	2.52e-03	0.0	-6.78e-03	-4.74e-06	-1.09e-04	0.0
469	6	1.51e-03	0.0	-6.83e-03	-4.73e-06	-6.56e-05	0.0
469	8	5.05e-04	0.0	-6.73e-03	-4.74e-06	-2.19e-05	0.0
469	9	0.0	0.0	-6.75e-03	-4.74e-06	0.0	0.0
469	11	0.0	0.0	-6.73e-03	-4.74e-06	0.0	0.0
470	1	3.48e-03	0.0	-8.25e-03	-6.49e-06	-1.45e-04	0.0
470	2	2.09e-03	0.0	-8.32e-03	-6.48e-06	-8.68e-05	0.0
470	5	2.32e-03	0.0	-6.33e-03	-4.99e-06	-9.64e-05	0.0
470	6	1.39e-03	0.0	-6.39e-03	-4.98e-06	-5.79e-05	0.0
470	8	4.64e-04	0.0	-6.28e-03	-5.00e-06	-1.93e-05	0.0
470	9	0.0	0.0	-6.30e-03	-5.00e-06	0.0	0.0
470	11	0.0	0.0	-6.28e-03	-5.00e-06	0.0	0.0
471	1	3.22e-03	0.0	-7.74e-03	-6.52e-06	-1.26e-04	0.0
471	2	1.93e-03	0.0	-7.82e-03	-6.51e-06	-7.56e-05	0.0
471	5	2.15e-03	0.0	-5.94e-03	-5.02e-06	-8.40e-05	0.0
471	6	1.29e-03	0.0	-6.00e-03	-5.01e-06	-5.04e-05	0.0
471	8	4.29e-04	0.0	-5.89e-03	-5.03e-06	-1.68e-05	0.0
471	9	0.0	0.0	-5.91e-03	-5.03e-06	0.0	0.0
471	11	0.0	0.0	-5.89e-03	-5.03e-06	0.0	0.0
472	1	2.99e-03	0.0	-7.29e-03	-6.33e-06	-1.08e-04	0.0
472	2	1.79e-03	0.0	-7.37e-03	-6.31e-06	-6.49e-05	0.0
472	5	1.99e-03	0.0	-5.60e-03	-4.87e-06	-7.21e-05	0.0
472	6	1.20e-03	0.0	-5.66e-03	-4.86e-06	-4.33e-05	0.0
472	8	3.98e-04	0.0	-5.55e-03	-4.89e-06	-1.44e-05	0.0
472	9	0.0	0.0	-5.57e-03	-4.88e-06	0.0	0.0
472	11	0.0	0.0	-5.55e-03	-4.89e-06	0.0	0.0
473	1	2.78e-03	0.0	-6.91e-03	-5.96e-06	-9.15e-05	0.0
473	2	1.67e-03	0.0	-6.99e-03	-5.94e-06	-5.49e-05	0.0
473	5	1.85e-03	0.0	-5.31e-03	-4.59e-06	-6.10e-05	0.0
473	6	1.11e-03	0.0	-5.36e-03	-4.57e-06	-3.66e-05	0.0
473	8	3.71e-04	0.0	-5.25e-03	-4.60e-06	-1.22e-05	0.0
473	9	0.0	0.0	-5.27e-03	-4.60e-06	0.0	0.0
473	11	0.0	0.0	-5.25e-03	-4.60e-06	0.0	0.0
474	1	2.60e-03	0.0	-6.58e-03	-5.44e-06	-7.63e-05	0.0
474	2	1.56e-03	0.0	-6.66e-03	-5.41e-06	-4.58e-05	0.0
474	5	1.73e-03	0.0	-5.05e-03	-4.19e-06	-5.09e-05	0.0
474	6	1.04e-03	0.0	-5.11e-03	-4.17e-06	-3.05e-05	0.0
474	8	3.46e-04	0.0	-5.00e-03	-4.21e-06	-1.02e-05	0.0
474	9	0.0	0.0	-5.02e-03	-4.20e-06	0.0	0.0
474	11	0.0	0.0	-5.00e-03	-4.21e-06	0.0	0.0
475	1	2.42e-03	0.0	-6.30e-03	-4.81e-06	-6.25e-05	0.0
475	2	1.45e-03	0.0	-6.39e-03	-4.78e-06	-3.75e-05	0.0
475	5	1.62e-03	0.0	-4.84e-03	-3.71e-06	-4.17e-05	0.0
475	6	9.70e-04	0.0	-4.90e-03	-3.68e-06	-2.50e-05	0.0
475	8	3.23e-04	0.0	-4.78e-03	-3.73e-06	-8.33e-06	0.0
475	9	0.0	0.0	-4.81e-03	-3.72e-06	0.0	0.0
475	11	0.0	0.0	-4.78e-03	-3.73e-06	0.0	0.0
476	1	2.27e-03	0.0	-6.08e-03	-4.09e-06	-5.00e-05	0.0
476	2	1.36e-03	0.0	-6.17e-03	-4.06e-06	-3.00e-05	0.0
476	5	1.51e-03	0.0	-4.67e-03	-3.15e-06	-3.33e-05	0.0

476	6	9.07e-04	0.0	-4.73e-03	-3.13e-06	-2.00e-05	0.0
476	8	3.02e-04	0.0	-4.61e-03	-3.18e-06	-6.67e-06	0.0
476	9	0.0	0.0	-4.64e-03	-3.17e-06	0.0	0.0
476	11	0.0	0.0	-4.61e-03	-3.18e-06	0.0	0.0
477	1	2.12e-03	0.0	-5.91e-03	-3.32e-06	-3.91e-05	0.0
477	2	1.27e-03	0.0	-6.00e-03	-3.28e-06	-2.35e-05	0.0
477	5	1.41e-03	0.0	-4.54e-03	-2.56e-06	-2.61e-05	0.0
477	6	8.48e-04	0.0	-4.60e-03	-2.53e-06	-1.56e-05	0.0
477	8	2.83e-04	0.0	-4.48e-03	-2.58e-06	-5.22e-06	0.0
477	9	0.0	0.0	-4.50e-03	-2.57e-06	0.0	0.0
477	11	0.0	0.0	-4.48e-03	-2.58e-06	0.0	0.0
478	1	1.98e-03	0.0	-5.79e-03	-2.50e-06	-2.95e-05	0.0
478	2	1.19e-03	0.0	-5.88e-03	-2.46e-06	-1.77e-05	0.0
478	5	1.32e-03	0.0	-4.44e-03	-1.93e-06	-1.97e-05	0.0
478	6	7.94e-04	0.0	-4.51e-03	-1.90e-06	-1.18e-05	0.0
478	8	2.65e-04	0.0	-4.38e-03	-1.96e-06	-3.94e-06	0.0
478	9	0.0	0.0	-4.41e-03	-1.95e-06	0.0	0.0
478	11	0.0	0.0	-4.38e-03	-1.96e-06	0.0	0.0
479	1	1.86e-03	0.0	-5.71e-03	-1.68e-06	-2.15e-05	0.0
479	2	1.11e-03	0.0	-5.81e-03	-1.64e-06	-1.29e-05	0.0
479	5	1.24e-03	0.0	-4.38e-03	-1.30e-06	-1.43e-05	0.0
479	6	7.43e-04	0.0	-4.45e-03	-1.27e-06	-8.59e-06	0.0
479	8	2.48e-04	0.0	-4.32e-03	-1.33e-06	-2.86e-06	0.0
479	9	0.0	0.0	-4.35e-03	-1.32e-06	0.0	0.0
479	11	0.0	0.0	-4.32e-03	-1.33e-06	0.0	0.0
480	1	1.74e-03	0.0	-5.68e-03	0.0	-1.46e-05	0.0
480	2	1.04e-03	0.0	-5.77e-03	0.0	-8.79e-06	0.0
480	5	1.16e-03	0.0	-4.36e-03	0.0	-9.77e-06	0.0
480	6	6.95e-04	0.0	-4.42e-03	0.0	-5.86e-06	0.0
480	8	2.32e-04	0.0	-4.29e-03	0.0	-1.95e-06	0.0
480	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
480	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
481	1	1.62e-03	0.0	-5.68e-03	0.0	-9.03e-06	0.0
481	2	9.75e-04	0.0	-5.78e-03	0.0	-5.42e-06	0.0
481	5	1.08e-03	0.0	-4.36e-03	0.0	-6.02e-06	0.0
481	6	6.50e-04	0.0	-4.43e-03	0.0	-3.61e-06	0.0
481	8	2.17e-04	0.0	-4.29e-03	0.0	-1.20e-06	0.0
481	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
481	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
482	1	1.52e-03	0.0	-5.72e-03	0.0	-4.72e-06	0.0
482	2	9.12e-04	0.0	-5.82e-03	0.0	-2.83e-06	0.0
482	5	1.01e-03	0.0	-4.39e-03	0.0	-3.14e-06	0.0
482	6	6.08e-04	0.0	-4.46e-03	0.0	-1.89e-06	0.0
482	8	2.03e-04	0.0	-4.32e-03	0.0	0.0	0.0
482	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
482	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
483	1	1.42e-03	0.0	-5.79e-03	1.25e-06	-1.45e-06	0.0
483	2	8.53e-04	0.0	-5.90e-03	1.30e-06	0.0	0.0
483	5	9.48e-04	0.0	-4.44e-03	0.0	0.0	0.0
483	6	5.69e-04	0.0	-4.51e-03	0.0	0.0	0.0
483	8	1.90e-04	0.0	-4.37e-03	0.0	0.0	0.0
483	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
483	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
484	1	1.33e-03	0.0	-5.88e-03	1.73e-06	0.0	0.0
484	2	7.99e-04	0.0	-5.99e-03	1.78e-06	0.0	0.0
484	5	8.87e-04	0.0	-4.51e-03	1.32e-06	0.0	0.0
484	6	5.32e-04	0.0	-4.59e-03	1.36e-06	0.0	0.0
484	8	1.77e-04	0.0	-4.44e-03	1.29e-06	0.0	0.0
484	9	0.0	0.0	-4.47e-03	1.30e-06	0.0	0.0
484	11	0.0	0.0	-4.44e-03	1.29e-06	0.0	0.0
485	1	1.25e-03	0.0	-5.98e-03	2.02e-06	2.22e-06	0.0
485	2	7.50e-04	0.0	-6.10e-03	2.07e-06	1.33e-06	0.0
485	5	8.33e-04	0.0	-4.59e-03	1.55e-06	1.48e-06	0.0
485	6	5.00e-04	0.0	-4.67e-03	1.58e-06	0.0	0.0
485	8	1.67e-04	0.0	-4.52e-03	1.51e-06	0.0	0.0
485	9	0.0	0.0	-4.55e-03	1.52e-06	0.0	0.0
485	11	0.0	0.0	-4.52e-03	1.51e-06	0.0	0.0
486	1	4.48e-03	-1.35e-05	0.02	1.99e-05	-1.84e-04	0.0
486	5	2.99e-03	-9.03e-06	9.06e-03	1.28e-05	-1.23e-04	0.0
486	8	5.98e-04	-1.81e-06	-4.30e-03	0.0	-2.53e-05	0.0
486	9	0.0	0.0	-7.67e-03	-3.56e-06	0.0	0.0
486	11	0.0	0.0	-7.65e-03	-3.56e-06	0.0	0.0
487	1	4.17e-03	-6.31e-05	0.01	2.60e-05	-1.76e-04	0.0
487	5	2.78e-03	-4.21e-05	8.17e-03	1.68e-05	-1.17e-04	0.0
487	8	5.56e-04	-8.41e-06	-4.14e-03	0.0	-2.43e-05	0.0
487	9	0.0	0.0	-7.25e-03	-4.05e-06	-1.08e-06	0.0
487	11	0.0	0.0	-7.23e-03	-4.05e-06	-1.08e-06	0.0

488	1	4.48e-03	0.0	-4.15e-03	0.0	-2.12e-04	0.0
488	4	3.67e-04	0.0	-7.23e-03	0.0	-2.40e-05	0.0
488	5	2.99e-03	0.0	-3.83e-03	0.0	-1.41e-04	0.0
488	6	1.79e-03	0.0	-5.54e-03	0.0	-8.48e-05	0.0
488	8	5.98e-04	0.0	-7.10e-03	0.0	-2.84e-05	0.0
488	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
488	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
489	1	4.48e-03	-2.26e-06	9.98e-04	1.77e-06	-2.08e-04	0.0
489	4	3.67e-04	0.0	-6.62e-03	-1.01e-06	-2.37e-05	0.0
489	5	2.99e-03	-1.51e-06	-3.88e-04	0.0	-1.39e-04	0.0
489	6	1.79e-03	0.0	-3.47e-03	0.0	-8.33e-05	0.0
489	8	5.98e-04	0.0	-6.39e-03	0.0	-2.80e-05	0.0
489	9	0.0	0.0	-7.92e-03	-1.41e-06	0.0	0.0
489	11	0.0	0.0	-7.90e-03	-1.41e-06	0.0	0.0
490	1	4.48e-03	-4.98e-06	5.99e-03	5.67e-06	-2.01e-04	0.0
490	4	3.67e-04	0.0	-6.01e-03	-1.14e-06	-2.32e-05	0.0
490	5	2.99e-03	-3.32e-06	2.95e-03	3.50e-06	-1.34e-04	0.0
490	8	5.98e-04	0.0	-5.67e-03	0.0	-2.73e-05	0.0
490	9	0.0	0.0	-7.86e-03	-2.09e-06	0.0	0.0
490	11	0.0	0.0	-7.84e-03	-2.09e-06	0.0	0.0
491	1	4.48e-03	-8.73e-06	0.01	1.16e-05	-1.93e-04	0.0
491	5	2.99e-03	-5.82e-06	6.12e-03	7.38e-06	-1.29e-04	0.0
491	8	5.98e-04	-1.16e-06	-4.97e-03	0.0	-2.64e-05	0.0
491	9	0.0	0.0	-7.78e-03	-2.80e-06	0.0	0.0
491	11	0.0	0.0	-7.76e-03	-2.80e-06	0.0	0.0
492	1	3.81e-03	-1.10e-04	0.01	3.13e-05	-1.56e-04	0.0
492	5	2.54e-03	-7.31e-05	7.07e-03	2.03e-05	-1.04e-04	0.0
492	8	5.09e-04	-1.46e-05	-3.96e-03	0.0	-2.18e-05	0.0
492	9	0.0	0.0	-6.75e-03	-4.58e-06	-1.23e-06	0.0
492	11	0.0	0.0	-6.73e-03	-4.58e-06	-1.23e-06	0.0
493	1	3.52e-03	-1.43e-04	0.01	3.45e-05	-1.35e-04	0.0
493	5	2.35e-03	-9.51e-05	6.06e-03	2.24e-05	-9.04e-05	0.0
493	8	4.69e-04	-1.90e-05	-3.80e-03	0.0	-1.91e-05	0.0
493	9	0.0	0.0	-6.30e-03	-4.83e-06	-1.29e-06	0.0
493	11	0.0	0.0	-6.28e-03	-4.83e-06	-1.29e-06	0.0
494	1	3.26e-03	-1.68e-04	8.79e-03	3.63e-05	-1.16e-04	0.0
494	5	2.18e-03	-1.12e-04	5.07e-03	2.35e-05	-7.77e-05	0.0
494	8	4.35e-04	-2.24e-05	-3.69e-03	0.0	-1.66e-05	0.0
494	9	0.0	0.0	-5.91e-03	-4.86e-06	-1.30e-06	0.0
494	11	0.0	0.0	-5.89e-03	-4.86e-06	-1.30e-06	0.0
495	1	3.04e-03	-1.88e-04	7.25e-03	3.70e-05	-9.83e-05	0.0
495	5	2.03e-03	-1.25e-04	4.09e-03	2.40e-05	-6.57e-05	0.0
495	8	4.05e-04	-2.51e-05	-3.61e-03	1.02e-06	-1.41e-05	0.0
495	9	0.0	0.0	-5.57e-03	-4.72e-06	-1.26e-06	0.0
495	11	0.0	0.0	-5.55e-03	-4.72e-06	-1.26e-06	0.0
496	1	2.84e-03	-2.05e-04	5.72e-03	3.69e-05	-8.16e-05	0.0
496	5	1.89e-03	-1.37e-04	3.11e-03	2.40e-05	-5.45e-05	0.0
496	8	3.78e-04	-2.74e-05	-3.57e-03	1.24e-06	-1.19e-05	0.0
496	9	0.0	0.0	-5.27e-03	-4.44e-06	-1.19e-06	0.0
496	11	0.0	0.0	-5.25e-03	-4.45e-06	-1.19e-06	0.0
497	1	2.65e-03	-2.20e-04	4.21e-03	3.61e-05	-6.66e-05	0.0
497	5	1.77e-03	-1.47e-04	2.14e-03	2.36e-05	-4.46e-05	0.0
497	8	3.54e-04	-2.94e-05	-3.56e-03	1.45e-06	-9.79e-06	0.0
497	9	0.0	0.0	-5.02e-03	-4.06e-06	-1.09e-06	0.0
497	11	0.0	0.0	-5.00e-03	-4.07e-06	-1.09e-06	0.0
498	1	2.49e-03	-2.34e-04	2.73e-03	3.49e-05	-5.32e-05	0.0
498	4	2.04e-04	-1.91e-05	-3.77e-03	0.0	-6.81e-06	0.0
498	5	1.66e-03	-1.56e-04	1.18e-03	2.28e-05	-3.56e-05	0.0
498	6	9.95e-04	-9.35e-05	-1.29e-03	1.23e-05	-2.17e-05	0.0
498	8	3.32e-04	-3.12e-05	-3.58e-03	1.67e-06	-7.89e-06	0.0
498	9	0.0	0.0	-4.81e-03	-3.59e-06	0.0	0.0
498	11	0.0	0.0	-4.78e-03	-3.60e-06	0.0	0.0
499	1	2.33e-03	-2.46e-04	1.29e-03	3.31e-05	-4.11e-05	0.0
499	4	1.91e-04	-2.01e-05	-3.78e-03	1.11e-06	-5.34e-06	0.0
499	5	1.56e-03	-1.64e-04	2.44e-04	2.17e-05	-2.75e-05	0.0
499	6	9.33e-04	-9.84e-05	-1.78e-03	1.18e-05	-1.68e-05	0.0
499	8	3.11e-04	-3.28e-05	-3.63e-03	1.87e-06	-6.17e-06	0.0
499	9	0.0	0.0	-4.64e-03	-3.06e-06	0.0	0.0
499	11	0.0	0.0	-4.61e-03	-3.07e-06	0.0	0.0
500	1	2.19e-03	-2.58e-04	-8.36e-05	3.10e-05	-3.08e-05	0.0
500	4	1.79e-04	-2.11e-05	-3.82e-03	1.35e-06	-4.05e-06	0.0
500	5	1.46e-03	-1.72e-04	-6.53e-04	2.03e-05	-2.06e-05	0.0
500	6	8.76e-04	-1.03e-04	-2.27e-03	1.12e-05	-1.26e-05	0.0
500	8	2.92e-04	-3.43e-05	-3.70e-03	2.06e-06	-4.66e-06	0.0
500	9	0.0	0.0	-4.50e-03	-2.49e-06	0.0	0.0
500	11	0.0	0.0	-4.48e-03	-2.50e-06	0.0	0.0
501	1	2.06e-03	-2.69e-04	-1.37e-03	2.84e-05	-2.19e-05	0.0

501	4	1.68e-04	-2.20e-05	-3.88e-03	1.58e-06	-2.90e-06	0.0
501	5	1.37e-03	-1.79e-04	-1.50e-03	1.87e-05	-1.47e-05	0.0
501	6	8.22e-04	-1.07e-04	-2.74e-03	1.05e-05	-9.00e-06	0.0
501	8	2.74e-04	-3.58e-05	-3.79e-03	2.22e-06	-3.34e-06	0.0
501	9	0.0	0.0	-4.41e-03	-1.88e-06	0.0	0.0
501	11	0.0	0.0	-4.38e-03	-1.89e-06	0.0	0.0
502	1	1.93e-03	-2.79e-04	-2.56e-03	2.56e-05	-1.46e-05	0.0
502	4	1.58e-04	-2.29e-05	-3.97e-03	1.78e-06	-1.94e-06	0.0
502	5	1.29e-03	-1.86e-04	-2.28e-03	1.69e-05	-9.78e-06	0.0
502	6	7.73e-04	-1.12e-04	-3.18e-03	9.67e-06	-6.00e-06	0.0
502	8	2.58e-04	-3.72e-05	-3.90e-03	2.34e-06	-2.23e-06	0.0
502	9	0.0	0.0	-4.35e-03	-1.27e-06	0.0	0.0
502	11	0.0	0.0	-4.32e-03	-1.29e-06	0.0	0.0
503	1	1.81e-03	-2.90e-04	-3.62e-03	2.25e-05	-8.62e-06	0.0
503	2	1.09e-03	-1.74e-04	-4.54e-03	1.32e-05	-5.25e-06	0.0
503	5	1.21e-03	-1.93e-04	-2.99e-03	1.49e-05	-5.77e-06	0.0
503	6	7.26e-04	-1.16e-04	-3.60e-03	8.71e-06	-3.53e-06	0.0
503	8	2.42e-04	-3.86e-05	-4.02e-03	2.43e-06	-1.30e-06	0.0
503	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
503	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
504	1	1.70e-03	-3.00e-04	-4.55e-03	1.91e-05	-3.91e-06	0.0
504	2	1.02e-03	-1.80e-04	-5.10e-03	1.15e-05	-2.34e-06	0.0
504	5	1.14e-03	-2.00e-04	-3.61e-03	1.27e-05	-2.61e-06	0.0
504	6	6.82e-04	-1.20e-04	-3.97e-03	7.65e-06	-1.56e-06	0.0
504	8	2.27e-04	-4.00e-05	-4.14e-03	2.46e-06	0.0	0.0
504	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
504	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
505	1	1.60e-03	-3.10e-04	-5.33e-03	1.57e-05	0.0	0.0
505	2	9.62e-04	-1.86e-04	-5.59e-03	9.70e-06	0.0	0.0
505	5	1.07e-03	-2.07e-04	-4.13e-03	1.05e-05	0.0	0.0
505	6	6.41e-04	-1.24e-04	-4.30e-03	6.52e-06	0.0	0.0
505	8	2.14e-04	-4.14e-05	-4.27e-03	2.44e-06	0.0	0.0
505	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
505	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
506	1	1.51e-03	-3.21e-04	-5.96e-03	1.22e-05	1.82e-06	0.0
506	2	9.04e-04	-1.92e-04	-6.00e-03	7.86e-06	1.23e-06	0.0
506	5	1.00e-03	-2.14e-04	-4.56e-03	8.26e-06	1.24e-06	0.0
506	6	6.03e-04	-1.28e-04	-4.58e-03	5.36e-06	0.0	0.0
506	8	2.01e-04	-4.27e-05	-4.40e-03	2.35e-06	0.0	0.0
506	9	0.0	0.0	-4.40e-03	0.0	0.0	0.0
506	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
507	1	1.42e-03	-3.31e-04	-6.45e-03	8.96e-06	3.21e-06	0.0
507	5	9.47e-04	-2.21e-04	-4.89e-03	6.14e-06	2.19e-06	0.0
507	8	1.89e-04	-4.41e-05	-4.52e-03	2.22e-06	0.0	0.0
507	11	0.0	0.0	-4.44e-03	1.24e-06	0.0	0.0
508	1	1.34e-03	-3.42e-04	-6.81e-03	6.36e-06	3.93e-06	0.0
508	5	8.94e-04	-2.28e-04	-5.14e-03	4.44e-06	2.67e-06	0.0
508	8	1.79e-04	-4.56e-05	-4.63e-03	2.05e-06	0.0	0.0
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509	1	4.49e-03	-2.35e-05	0.04	3.84e-05	-1.67e-04	0.0
509	5	3.00e-03	-1.56e-05	0.02	2.52e-05	-1.12e-04	0.0
509	8	5.99e-04	-3.13e-06	-1.17e-03	2.48e-06	-2.38e-05	0.0
509	9	0.0	0.0	-7.67e-03	-3.19e-06	-1.84e-06	0.0
509	11	0.0	0.0	-7.65e-03	-3.19e-06	-1.84e-06	0.0
510	1	4.21e-03	-1.09e-04	0.04	4.93e-05	-1.54e-04	0.0
510	5	2.81e-03	-7.29e-05	0.02	3.24e-05	-1.03e-04	0.0
510	8	5.62e-04	-1.46e-05	-1.26e-03	3.58e-06	-2.23e-05	0.0
510	9	0.0	0.0	-7.25e-03	-3.63e-06	-2.09e-06	0.0
510	11	0.0	0.0	-7.23e-03	-3.63e-06	-2.10e-06	0.0
511	1	4.48e-03	0.0	1.67e-03	0.0	-2.12e-04	0.0
511	4	3.67e-04	0.0	-6.57e-03	0.0	-2.42e-05	0.0
511	5	2.99e-03	0.0	5.27e-05	0.0	-1.41e-04	0.0
511	6	1.79e-03	0.0	-3.22e-03	0.0	-8.49e-05	0.0
511	8	5.98e-04	0.0	-6.33e-03	0.0	-2.86e-05	0.0
511	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
511	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
512	1	4.48e-03	-3.92e-06	0.01	4.60e-06	-2.06e-04	0.0
512	5	2.99e-03	-2.61e-06	6.66e-03	2.90e-06	-1.37e-04	0.0
512	8	5.98e-04	0.0	-4.98e-03	0.0	-2.80e-05	0.0
512	9	0.0	0.0	-7.92e-03	-1.27e-06	0.0	0.0
512	11	0.0	0.0	-7.90e-03	-1.27e-06	0.0	0.0
513	1	4.49e-03	-8.63e-06	0.02	1.21e-05	-1.96e-04	0.0
513	5	2.99e-03	-5.75e-06	0.01	7.81e-06	-1.31e-04	0.0
513	8	5.98e-04	-1.15e-06	-3.65e-03	0.0	-2.70e-05	0.0
513	9	0.0	0.0	-7.86e-03	-1.87e-06	-1.08e-06	0.0
513	11	0.0	0.0	-7.84e-03	-1.87e-06	-1.08e-06	0.0
514	1	4.49e-03	-1.51e-05	0.03	2.32e-05	-1.83e-04	0.0

514	5	2.99e-03	-1.01e-05	0.02	1.51e-05	-1.22e-04	0.0
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514	9	0.0	0.0	-7.78e-03	-2.51e-06	-1.45e-06	0.0
514	11	0.0	0.0	-7.76e-03	-2.51e-06	-1.45e-06	0.0
515	1	3.89e-03	-1.90e-04	0.03	5.92e-05	-1.30e-04	0.0
515	5	2.60e-03	-1.27e-04	0.02	3.90e-05	-8.69e-05	0.0
515	8	5.19e-04	-2.53e-05	-1.37e-03	4.50e-06	-1.93e-05	0.0
515	9	0.0	0.0	-6.75e-03	-4.10e-06	-2.37e-06	0.0
515	11	0.0	0.0	-6.73e-03	-4.11e-06	-2.37e-06	0.0
516	1	3.62e-03	-2.47e-04	0.03	6.50e-05	-1.07e-04	0.0
516	5	2.41e-03	-1.65e-04	0.02	4.28e-05	-7.17e-05	0.0
516	8	4.83e-04	-3.29e-05	-1.49e-03	5.09e-06	-1.63e-05	0.0
516	9	0.0	0.0	-6.30e-03	-4.33e-06	-2.50e-06	0.0
516	11	0.0	0.0	-6.28e-03	-4.33e-06	-2.50e-06	0.0
517	1	3.39e-03	-2.91e-04	0.02	6.81e-05	-8.67e-05	0.0
517	5	2.26e-03	-1.94e-04	0.02	4.48e-05	-5.81e-05	0.0
517	8	4.51e-04	-3.88e-05	-1.63e-03	5.47e-06	-1.36e-05	0.0
517	9	0.0	0.0	-5.91e-03	-4.35e-06	-2.51e-06	0.0
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518	1	3.18e-03	-3.26e-04	0.02	6.91e-05	-6.83e-05	0.0
518	5	2.12e-03	-2.17e-04	0.01	4.55e-05	-4.58e-05	0.0
518	8	4.23e-04	-4.34e-05	-1.80e-03	5.72e-06	-1.11e-05	0.0
518	9	0.0	0.0	-5.57e-03	-4.23e-06	-2.44e-06	0.0
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519	1	2.99e-03	-3.55e-04	0.02	6.87e-05	-5.18e-05	0.0
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519	8	3.98e-04	-4.74e-05	-2.00e-03	5.86e-06	-8.81e-06	0.0
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520	11	0.0	0.0	-5.00e-03	-3.64e-06	-2.10e-06	0.0
521	1	2.66e-03	-4.05e-04	0.01	6.43e-05	-2.54e-05	0.0
521	5	1.77e-03	-2.70e-04	6.79e-03	4.24e-05	-1.72e-05	0.0
521	8	3.54e-04	-5.40e-05	-2.46e-03	5.90e-06	-4.93e-06	0.0
521	9	0.0	0.0	-4.81e-03	-3.22e-06	-1.86e-06	0.0
521	11	0.0	0.0	-4.78e-03	-3.23e-06	-1.86e-06	0.0
522	1	2.51e-03	-4.26e-04	8.16e-03	6.07e-05	-1.50e-05	0.0
522	5	1.68e-03	-2.84e-04	4.82e-03	4.01e-05	-1.02e-05	0.0
522	8	3.35e-04	-5.68e-05	-2.71e-03	5.81e-06	-3.31e-06	0.0
522	9	0.0	0.0	-4.64e-03	-2.74e-06	-1.58e-06	0.0
522	11	0.0	0.0	-4.61e-03	-2.75e-06	-1.59e-06	0.0
523	1	2.38e-03	-4.46e-04	5.35e-03	5.63e-05	-6.60e-06	0.0
523	5	1.59e-03	-2.97e-04	2.97e-03	3.72e-05	-4.57e-06	0.0
523	8	3.17e-04	-5.95e-05	-2.98e-03	5.65e-06	-1.95e-06	0.0
523	9	0.0	0.0	-4.50e-03	-2.23e-06	-1.29e-06	0.0
523	11	0.0	0.0	-4.48e-03	-2.24e-06	-1.29e-06	0.0
524	1	2.25e-03	-4.65e-04	2.75e-03	5.13e-05	0.0	0.0
524	4	1.84e-04	-3.81e-05	-3.42e-03	4.32e-06	0.0	0.0
524	5	1.50e-03	-3.10e-04	1.25e-03	3.39e-05	0.0	0.0
524	8	3.00e-04	-6.20e-05	-3.24e-03	5.43e-06	0.0	0.0
524	9	0.0	0.0	-4.41e-03	-1.69e-06	0.0	0.0
524	11	0.0	0.0	-4.38e-03	-1.70e-06	0.0	0.0
525	1	2.14e-03	-4.84e-04	3.85e-04	4.57e-05	4.93e-06	0.0
525	4	1.75e-04	-3.96e-05	-3.63e-03	4.16e-06	0.0	0.0
525	5	1.42e-03	-3.23e-04	-3.19e-04	3.03e-05	3.19e-06	0.0
525	6	8.54e-04	-1.94e-04	-2.01e-03	1.78e-05	1.67e-06	0.0
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525	9	0.0	0.0	-4.35e-03	-1.14e-06	0.0	0.0
525	11	0.0	0.0	-4.32e-03	-1.15e-06	0.0	0.0
526	1	2.03e-03	-5.02e-04	-1.70e-03	3.96e-05	8.24e-06	0.0
526	4	1.66e-04	-4.11e-05	-3.84e-03	3.94e-06	0.0	0.0
526	5	1.35e-03	-3.35e-04	-1.71e-03	2.63e-05	5.45e-06	0.0
526	6	8.11e-04	-2.01e-04	-2.83e-03	1.56e-05	3.15e-06	0.0
526	8	2.70e-04	-6.69e-05	-3.76e-03	4.77e-06	0.0	0.0
526	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
526	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
527	1	1.92e-03	-5.20e-04	-3.49e-03	3.32e-05	1.01e-05	0.0
527	2	1.15e-03	-3.12e-04	-4.47e-03	1.99e-05	6.09e-06	0.0
527	5	1.28e-03	-3.46e-04	-2.90e-03	2.21e-05	6.74e-06	0.0
527	6	7.70e-04	-2.08e-04	-3.55e-03	1.33e-05	4.05e-06	0.0
527	8	2.57e-04	-6.93e-05	-4.00e-03	4.34e-06	1.30e-06	0.0
527	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
527	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
528	1	1.83e-03	-5.37e-04	-4.97e-03	2.66e-05	1.07e-05	0.0

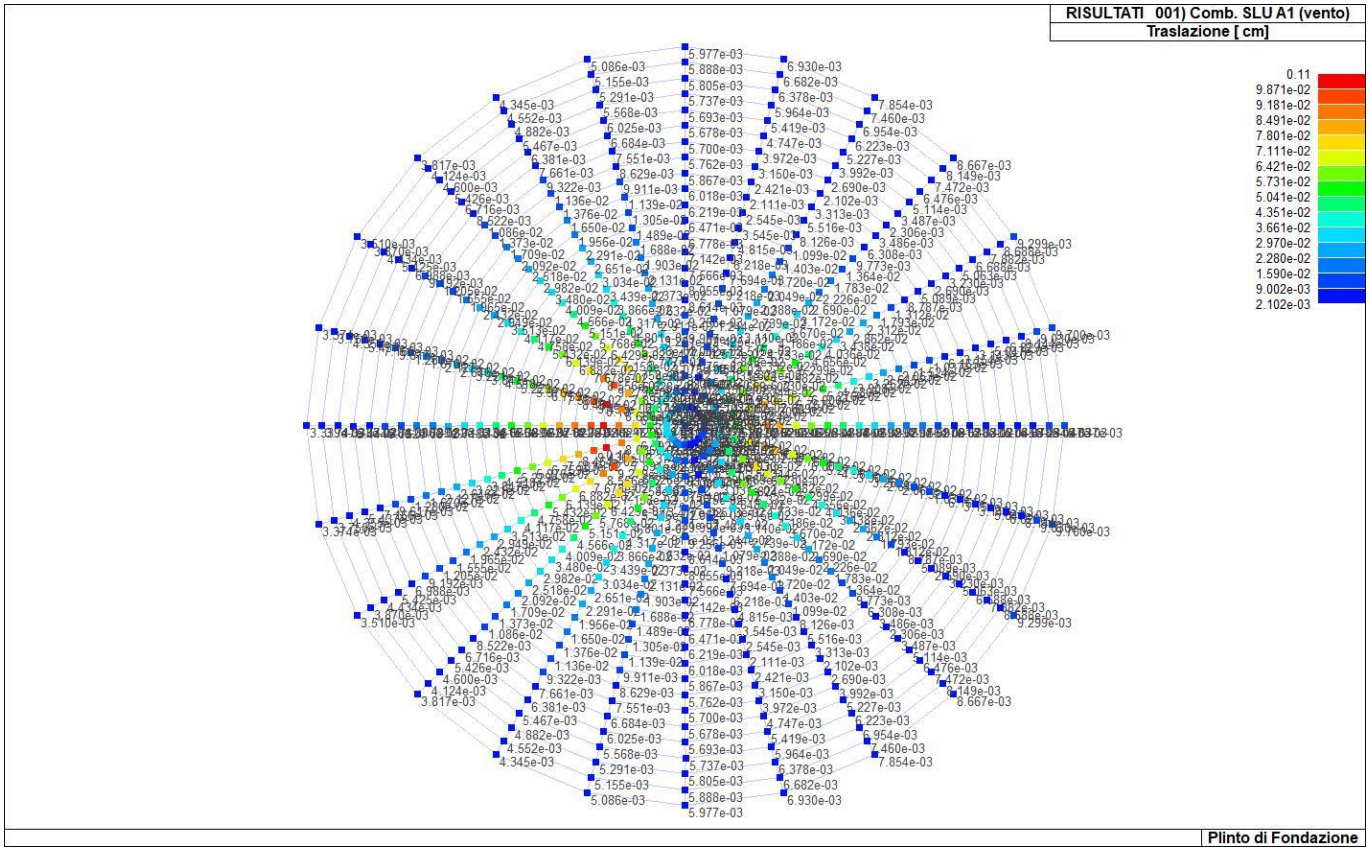
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528	5	1.22e-03	-3.58e-04	-3.89e-03	1.78e-05	7.14e-06	0.0
528	6	7.32e-04	-2.15e-04	-4.16e-03	1.09e-05	4.40e-06	0.0
528	8	2.44e-04	-7.17e-05	-4.22e-03	3.86e-06	1.60e-06	0.0
528	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
528	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
529	1	1.74e-03	-5.55e-04	-6.12e-03	2.01e-05	1.02e-05	0.0
529	5	1.16e-03	-3.70e-04	-4.66e-03	1.35e-05	6.84e-06	0.0
529	8	2.32e-04	-7.40e-05	-4.42e-03	3.34e-06	1.73e-06	0.0
529	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
530	1	1.66e-03	-5.73e-04	-6.97e-03	1.41e-05	8.97e-06	0.0
530	5	1.11e-03	-3.82e-04	-5.24e-03	9.57e-06	6.07e-06	0.0
530	8	2.22e-04	-7.65e-05	-4.59e-03	2.80e-06	1.72e-06	0.0
530	11	0.0	0.0	-4.44e-03	1.11e-06	0.0	0.0
531	1	1.59e-03	-5.92e-04	-7.57e-03	9.39e-06	7.65e-06	0.0
531	5	1.06e-03	-3.95e-04	-5.65e-03	6.44e-06	5.20e-06	0.0
531	8	2.12e-04	-7.90e-05	-4.73e-03	2.33e-06	1.64e-06	0.0
531	11	0.0	0.0	-4.52e-03	1.31e-06	0.0	0.0
532	1	4.51e-03	-2.71e-05	0.06	4.57e-05	-1.43e-04	0.0
532	5	3.01e-03	-1.81e-05	0.04	3.01e-05	-9.59e-05	0.0
532	8	6.01e-04	-3.61e-06	1.51e-03	3.95e-06	-2.13e-05	0.0
532	9	0.0	0.0	-7.67e-03	-2.60e-06	-2.60e-06	0.0
532	11	0.0	0.0	-7.65e-03	-2.60e-06	-2.60e-06	0.0
533	1	4.28e-03	-1.26e-04	0.05	5.86e-05	-1.24e-04	0.0
533	5	2.85e-03	-8.41e-05	0.03	3.87e-05	-8.32e-05	0.0
533	8	5.70e-04	-1.68e-05	1.21e-03	5.36e-06	-1.90e-05	0.0
533	9	0.0	0.0	-7.25e-03	-2.96e-06	-2.96e-06	0.0
533	11	0.0	0.0	-7.23e-03	-2.96e-06	-2.96e-06	0.0
534	1	4.48e-03	-1.04e-06	6.66e-03	0.0	-2.11e-04	0.0
534	5	2.99e-03	0.0	3.38e-03	0.0	-1.41e-04	0.0
534	8	5.98e-04	0.0	-5.66e-03	0.0	-2.86e-05	0.0
534	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
534	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
535	1	4.49e-03	-4.53e-06	0.02	5.86e-06	-2.02e-04	0.0
535	5	2.99e-03	-3.02e-06	0.01	3.77e-06	-1.35e-04	0.0
535	8	5.98e-04	0.0	-3.77e-03	0.0	-2.78e-05	0.0
535	9	0.0	0.0	-7.92e-03	-1.03e-06	-1.03e-06	0.0
535	11	0.0	0.0	-7.90e-03	-1.03e-06	-1.03e-06	0.0
536	1	4.49e-03	-9.96e-06	0.03	1.48e-05	-1.88e-04	0.0
536	5	2.99e-03	-6.64e-06	0.02	9.65e-06	-1.26e-04	0.0
536	8	5.99e-04	-1.33e-06	-1.92e-03	0.0	-2.63e-05	0.0
536	9	0.0	0.0	-7.86e-03	-1.53e-06	-1.53e-06	0.0
536	11	0.0	0.0	-7.84e-03	-1.53e-06	-1.53e-06	0.0
537	1	4.50e-03	-1.75e-05	0.05	2.79e-05	-1.68e-04	0.0
537	5	3.00e-03	-1.16e-05	0.03	1.83e-05	-1.12e-04	0.0
537	8	6.00e-04	-2.33e-06	-1.48e-04	2.02e-06	-2.41e-05	0.0
537	9	0.0	0.0	-7.78e-03	-2.05e-06	-2.05e-06	0.0
537	11	0.0	0.0	-7.76e-03	-2.05e-06	-2.05e-06	0.0
538	1	4.00e-03	-2.19e-04	0.05	7.02e-05	-9.38e-05	0.0
538	5	2.67e-03	-1.46e-04	0.03	4.64e-05	-6.30e-05	0.0
538	8	5.34e-04	-2.92e-05	8.44e-04	6.59e-06	-1.53e-05	0.0
538	9	0.0	0.0	-6.75e-03	-3.35e-06	-3.35e-06	0.0
538	11	0.0	0.0	-6.73e-03	-3.35e-06	-3.35e-06	0.0
539	1	3.76e-03	-2.85e-04	0.04	7.70e-05	-6.77e-05	0.0
539	5	2.51e-03	-1.90e-04	0.03	5.08e-05	-4.56e-05	0.0
539	8	5.02e-04	-3.80e-05	4.91e-04	7.34e-06	-1.19e-05	0.0
539	9	0.0	0.0	-6.30e-03	-3.53e-06	-3.53e-06	0.0
539	11	0.0	0.0	-6.28e-03	-3.54e-06	-3.54e-06	0.0
540	1	3.55e-03	-3.36e-04	0.04	8.05e-05	-4.55e-05	0.0
540	5	2.37e-03	-2.24e-04	0.02	5.32e-05	-3.08e-05	0.0
540	8	4.74e-04	-4.48e-05	1.29e-04	7.79e-06	-9.00e-06	0.0
540	9	0.0	0.0	-5.91e-03	-3.55e-06	-3.55e-06	0.0
540	11	0.0	0.0	-5.89e-03	-3.56e-06	-3.56e-06	0.0
541	1	3.36e-03	-3.76e-04	0.03	8.17e-05	-2.65e-05	0.0
541	5	2.24e-03	-2.51e-04	0.02	5.40e-05	-1.81e-05	0.0
541	8	4.49e-04	-5.02e-05	-2.50e-04	8.03e-06	-6.39e-06	0.0
541	9	0.0	0.0	-5.57e-03	-3.45e-06	-3.45e-06	0.0
541	11	0.0	0.0	-5.55e-03	-3.46e-06	-3.46e-06	0.0
542	1	3.19e-03	-4.10e-04	0.03	8.10e-05	-1.04e-05	0.0
542	5	2.13e-03	-2.74e-04	0.02	5.36e-05	-7.39e-06	0.0
542	8	4.26e-04	-5.47e-05	-6.51e-04	8.11e-06	-4.08e-06	0.0
542	9	0.0	0.0	-5.27e-03	-3.25e-06	-3.25e-06	0.0
542	11	0.0	0.0	-5.25e-03	-3.25e-06	-3.25e-06	0.0
543	1	3.04e-03	-4.40e-04	0.02	7.90e-05	2.63e-06	0.0
543	5	2.02e-03	-2.94e-04	0.01	5.22e-05	1.36e-06	0.0
543	8	4.05e-04	-5.87e-05	-1.07e-03	8.06e-06	-2.11e-06	0.0
543	9	0.0	0.0	-5.02e-03	-2.97e-06	-2.97e-06	0.0

543	11	0.0	0.0	-5.00e-03	-2.98e-06	-2.98e-06	0.0
544	1	2.89e-03	-4.67e-04	0.02	7.56e-05	1.31e-05	0.0
544	5	1.93e-03	-3.12e-04	0.01	5.01e-05	8.41e-06	0.0
544	8	3.86e-04	-6.23e-05	-1.49e-03	7.90e-06	0.0	0.0
544	9	0.0	0.0	-4.81e-03	-2.63e-06	-2.63e-06	0.0
544	11	0.0	0.0	-4.78e-03	-2.64e-06	-2.64e-06	0.0
545	1	2.76e-03	-4.92e-04	0.01	7.12e-05	2.12e-05	0.0
545	5	1.84e-03	-3.28e-04	8.76e-03	4.72e-05	1.39e-05	0.0
545	8	3.68e-04	-6.56e-05	-1.93e-03	7.64e-06	0.0	0.0
545	9	0.0	0.0	-4.64e-03	-2.24e-06	-2.24e-06	0.0
545	11	0.0	0.0	-4.61e-03	-2.25e-06	-2.25e-06	0.0
546	1	2.64e-03	-5.15e-04	0.01	6.60e-05	2.69e-05	0.0
546	5	1.76e-03	-3.43e-04	6.08e-03	4.38e-05	1.77e-05	0.0
546	8	3.51e-04	-6.87e-05	-2.36e-03	7.29e-06	2.07e-06	0.0
546	9	0.0	0.0	-4.50e-03	-1.82e-06	-1.82e-06	0.0
546	11	0.0	0.0	-4.48e-03	-1.83e-06	-1.83e-06	0.0
547	1	2.52e-03	-5.37e-04	6.28e-03	5.99e-05	3.04e-05	0.0
547	5	1.68e-03	-3.58e-04	3.60e-03	3.98e-05	2.01e-05	0.0
547	8	3.36e-04	-7.16e-05	-2.77e-03	6.84e-06	2.90e-06	0.0
547	9	0.0	0.0	-4.41e-03	-1.38e-06	-1.38e-06	0.0
547	11	0.0	0.0	-4.38e-03	-1.39e-06	-1.39e-06	0.0
548	1	2.42e-03	-5.59e-04	2.91e-03	5.33e-05	3.18e-05	0.0
548	4	1.98e-04	-4.58e-05	-3.35e-03	5.19e-06	2.78e-06	0.0
548	5	1.61e-03	-3.72e-04	1.36e-03	3.54e-05	2.11e-05	0.0
548	8	3.22e-04	-7.45e-05	-3.17e-03	6.32e-06	3.46e-06	0.0
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549	5	1.54e-03	-3.86e-04	-6.11e-04	3.06e-05	2.09e-05	0.0
549	6	9.27e-04	-2.32e-04	-2.17e-03	1.82e-05	1.23e-05	0.0
549	8	3.09e-04	-7.73e-05	-3.54e-03	5.72e-06	3.77e-06	0.0
549	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
549	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
550	1	2.22e-03	-6.00e-04	-2.59e-03	3.83e-05	2.93e-05	0.0
550	4	1.82e-04	-4.91e-05	-3.95e-03	4.25e-06	3.23e-06	0.0
550	5	1.48e-03	-4.00e-04	-2.30e-03	2.55e-05	1.95e-05	0.0
550	6	8.90e-04	-2.40e-04	-3.19e-03	1.53e-05	1.17e-05	0.0
550	8	2.97e-04	-8.00e-05	-3.88e-03	5.05e-06	3.84e-06	0.0
550	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
550	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
551	1	2.14e-03	-6.21e-04	-4.66e-03	3.06e-05	2.59e-05	0.0
551	2	1.28e-03	-3.72e-04	-5.18e-03	1.86e-05	1.57e-05	0.0
551	5	1.43e-03	-4.14e-04	-3.68e-03	2.04e-05	1.73e-05	0.0
551	6	8.56e-04	-2.48e-04	-4.03e-03	1.24e-05	1.05e-05	0.0
551	8	2.85e-04	-8.28e-05	-4.18e-03	4.33e-06	3.70e-06	0.0
551	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
551	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
552	1	2.06e-03	-6.41e-04	-6.26e-03	2.29e-05	2.14e-05	0.0
552	5	1.38e-03	-4.27e-04	-4.76e-03	1.53e-05	1.44e-05	0.0
552	8	2.75e-04	-8.55e-05	-4.44e-03	3.58e-06	3.39e-06	0.0
552	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
553	1	1.99e-03	-6.62e-04	-7.42e-03	1.58e-05	1.66e-05	0.0
553	5	1.33e-03	-4.41e-04	-5.54e-03	1.07e-05	1.12e-05	0.0
553	8	2.66e-04	-8.83e-05	-4.65e-03	2.86e-06	2.96e-06	0.0
553	11	0.0	0.0	-4.44e-03	0.0	0.0	0.0
554	1	1.93e-03	-6.84e-04	-8.23e-03	1.03e-05	1.25e-05	0.0
554	5	1.29e-03	-4.56e-04	-6.09e-03	6.98e-06	8.46e-06	0.0
554	8	2.58e-04	-9.12e-05	-4.82e-03	2.24e-06	2.54e-06	0.0
554	11	0.0	0.0	-4.52e-03	1.07e-06	1.07e-06	0.0
555	1	4.52e-03	-2.35e-05	0.07	4.01e-05	-1.20e-04	0.0
555	5	3.01e-03	-1.56e-05	0.05	2.65e-05	-8.01e-05	0.0
555	8	6.03e-04	-3.13e-06	3.57e-03	3.83e-06	-1.86e-05	0.0
555	9	0.0	0.0	-7.67e-03	-1.84e-06	-3.19e-06	0.0
555	11	0.0	0.0	-7.65e-03	-1.84e-06	-3.19e-06	0.0
556	1	4.34e-03	-1.09e-04	0.07	5.13e-05	-9.39e-05	0.0
556	5	2.89e-03	-7.29e-05	0.04	3.39e-05	-6.31e-05	0.0
556	8	5.79e-04	-1.46e-05	3.11e-03	5.11e-06	-1.55e-05	0.0
556	9	0.0	0.0	-7.25e-03	-2.09e-06	-3.63e-06	0.0
556	11	0.0	0.0	-7.23e-03	-2.10e-06	-3.63e-06	0.0
557	1	4.48e-03	0.0	0.01	0.0	-2.11e-04	0.0
557	5	2.99e-03	0.0	5.94e-03	0.0	-1.41e-04	0.0
557	8	5.98e-04	0.0	-5.15e-03	0.0	-2.87e-05	0.0
557	9	0.0	0.0	-7.95e-03	0.0	0.0	0.0
557	11	0.0	0.0	-7.93e-03	0.0	0.0	0.0
558	1	4.49e-03	-3.92e-06	0.03	5.29e-06	-1.99e-04	0.0
558	5	2.99e-03	-2.61e-06	0.02	3.43e-06	-1.33e-04	0.0

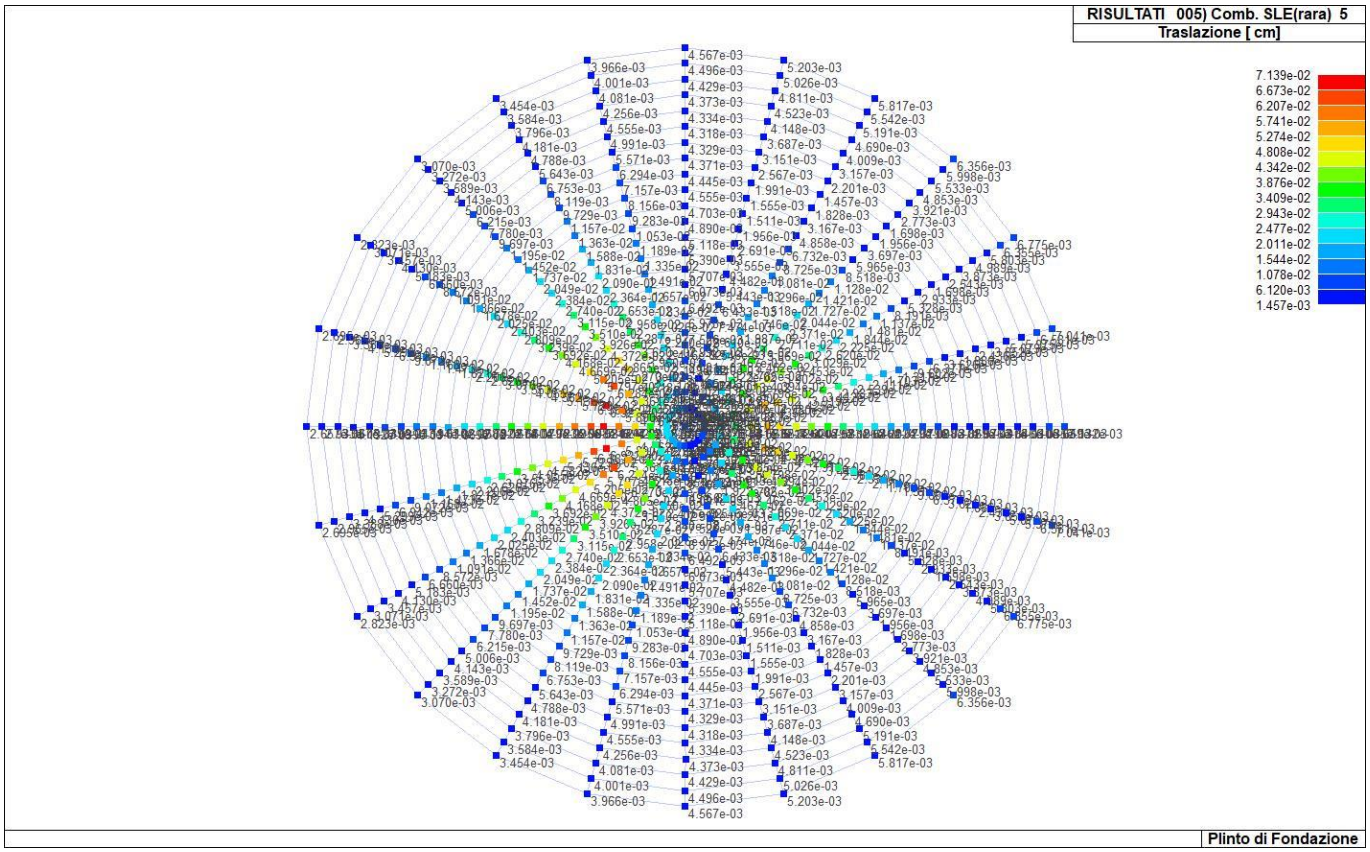
558	8	5.98e-04	0.0	-2.84e-03	0.0	-2.76e-05	0.0
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559	1	4.50e-03	-8.63e-06	0.04	1.31e-05	-1.80e-04	0.0
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559	9	0.0	0.0	-7.86e-03	-1.08e-06	-1.87e-06	0.0
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560	1	4.51e-03	-1.51e-05	0.06	2.46e-05	-1.54e-04	0.0
560	5	3.01e-03	-1.01e-05	0.04	1.62e-05	-1.03e-04	0.0
560	8	6.01e-04	-2.02e-06	1.56e-03	2.08e-06	-2.26e-05	0.0
560	9	0.0	0.0	-7.78e-03	-1.45e-06	-2.51e-06	0.0
560	11	0.0	0.0	-7.76e-03	-1.45e-06	-2.51e-06	0.0
561	1	4.11e-03	-1.90e-04	0.06	6.15e-05	-5.75e-05	0.0
561	5	2.74e-03	-1.27e-04	0.04	4.07e-05	-3.89e-05	0.0
561	8	5.48e-04	-2.53e-05	2.55e-03	6.24e-06	-1.11e-05	0.0
561	9	0.0	0.0	-6.75e-03	-2.37e-06	-4.10e-06	0.0
561	11	0.0	0.0	-6.73e-03	-2.37e-06	-4.11e-06	0.0
562	1	3.91e-03	-2.47e-04	0.05	6.74e-05	-2.79e-05	0.0
562	5	2.60e-03	-1.65e-04	0.04	4.46e-05	-1.92e-05	0.0
562	8	5.21e-04	-3.29e-05	2.01e-03	6.92e-06	-7.30e-06	0.0
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563	1	3.72e-03	-2.91e-04	0.05	7.05e-05	-3.94e-06	0.0
563	5	2.48e-03	-1.94e-04	0.03	4.66e-05	-3.21e-06	0.0
563	8	4.96e-04	-3.88e-05	1.48e-03	7.31e-06	-4.13e-06	0.0
563	9	0.0	0.0	-5.91e-03	-2.51e-06	-4.35e-06	0.0
563	11	0.0	0.0	-5.89e-03	-2.52e-06	-4.36e-06	0.0
564	1	3.55e-03	-3.26e-04	0.04	7.15e-05	1.56e-05	0.0
564	5	2.37e-03	-2.17e-04	0.03	4.73e-05	9.83e-06	0.0
564	8	4.74e-04	-4.34e-05	9.40e-04	7.51e-06	-1.42e-06	0.0
564	9	0.0	0.0	-5.57e-03	-2.44e-06	-4.23e-06	0.0
564	11	0.0	0.0	-5.55e-03	-2.44e-06	-4.23e-06	0.0
565	1	3.40e-03	-3.55e-04	0.04	7.08e-05	3.12e-05	0.0
565	5	2.26e-03	-2.37e-04	0.02	4.69e-05	2.03e-05	0.0
565	8	4.53e-04	-4.74e-05	3.83e-04	7.54e-06	0.0	0.0
565	9	0.0	0.0	-5.27e-03	-2.30e-06	-3.98e-06	0.0
565	11	0.0	0.0	-5.25e-03	-2.30e-06	-3.99e-06	0.0
566	1	3.26e-03	-3.81e-04	0.03	6.90e-05	4.32e-05	0.0
566	5	2.17e-03	-2.54e-04	0.02	4.57e-05	2.83e-05	0.0
566	8	4.34e-04	-5.09e-05	-1.84e-04	7.46e-06	2.74e-06	0.0
566	9	0.0	0.0	-5.02e-03	-2.10e-06	-3.64e-06	0.0
566	11	0.0	0.0	-5.00e-03	-2.10e-06	-3.64e-06	0.0
567	1	3.13e-03	-4.05e-04	0.02	6.60e-05	5.19e-05	0.0
567	5	2.08e-03	-2.70e-04	0.02	4.38e-05	3.42e-05	0.0
567	8	4.17e-04	-5.40e-05	-7.55e-04	7.26e-06	4.25e-06	0.0
567	9	0.0	0.0	-4.81e-03	-1.86e-06	-3.22e-06	0.0
567	11	0.0	0.0	-4.78e-03	-1.86e-06	-3.23e-06	0.0
568	1	3.00e-03	-4.26e-04	0.02	6.22e-05	5.77e-05	0.0
568	5	2.00e-03	-2.84e-04	0.01	4.12e-05	3.81e-05	0.0
568	8	4.01e-04	-5.68e-05	-1.32e-03	6.97e-06	5.41e-06	0.0
568	9	0.0	0.0	-4.64e-03	-1.58e-06	-2.74e-06	0.0
568	11	0.0	0.0	-4.61e-03	-1.59e-06	-2.75e-06	0.0
569	1	2.89e-03	-4.46e-04	0.01	5.75e-05	6.05e-05	0.0
569	5	1.93e-03	-2.97e-04	8.46e-03	3.82e-05	4.01e-05	0.0
569	8	3.86e-04	-5.95e-05	-1.88e-03	6.60e-06	6.22e-06	0.0
569	9	0.0	0.0	-4.50e-03	-1.29e-06	-2.23e-06	0.0
569	11	0.0	0.0	-4.48e-03	-1.29e-06	-2.24e-06	0.0
570	1	2.79e-03	-4.65e-04	8.99e-03	5.22e-05	6.08e-05	0.0
570	5	1.86e-03	-3.10e-04	5.41e-03	3.47e-05	4.03e-05	0.0
570	8	3.72e-04	-6.20e-05	-2.41e-03	6.14e-06	6.70e-06	0.0
570	9	0.0	0.0	-4.41e-03	0.0	-1.69e-06	0.0
570	11	0.0	0.0	-4.38e-03	0.0	-1.70e-06	0.0
571	1	2.69e-03	-4.84e-04	4.85e-03	4.63e-05	5.88e-05	0.0
571	5	1.80e-03	-3.23e-04	2.66e-03	3.08e-05	3.90e-05	0.0
571	8	3.59e-04	-6.45e-05	-2.91e-03	5.62e-06	6.88e-06	0.0
571	9	0.0	0.0	-4.35e-03	0.0	-1.14e-06	0.0
571	11	0.0	0.0	-4.32e-03	0.0	-1.15e-06	0.0
572	1	2.61e-03	-5.02e-04	1.21e-03	4.00e-05	5.46e-05	0.0
572	4	2.13e-04	-4.11e-05	-3.52e-03	4.20e-06	5.62e-06	0.0
572	5	1.74e-03	-3.35e-04	2.31e-04	2.66e-05	3.63e-05	0.0
572	6	1.04e-03	-2.01e-04	-1.67e-03	1.58e-05	2.16e-05	0.0
572	8	3.48e-04	-6.69e-05	-3.37e-03	5.03e-06	6.76e-06	0.0
572	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
572	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
573	1	2.52e-03	-5.20e-04	-1.89e-03	3.32e-05	4.85e-05	0.0
573	4	2.07e-04	-4.26e-05	-3.87e-03	3.69e-06	5.38e-06	0.0

573	5	1.68e-03	-3.46e-04	-1.83e-03	2.21e-05	3.23e-05	0.0
573	6	1.01e-03	-2.08e-04	-2.91e-03	1.33e-05	1.94e-05	0.0
573	8	3.37e-04	-6.93e-05	-3.79e-03	4.38e-06	6.38e-06	0.0
573	9	0.0	0.0	-4.32e-03	0.0	0.0	0.0
573	11	0.0	0.0	-4.29e-03	0.0	0.0	0.0
574	1	2.45e-03	-5.37e-04	-4.42e-03	2.64e-05	4.10e-05	0.0
574	2	1.47e-03	-3.22e-04	-5.04e-03	1.60e-05	2.49e-05	0.0
574	5	1.63e-03	-3.58e-04	-3.52e-03	1.76e-05	2.74e-05	0.0
574	6	9.80e-04	-2.15e-04	-3.94e-03	1.07e-05	1.66e-05	0.0
574	8	3.27e-04	-7.17e-05	-4.15e-03	3.70e-06	5.78e-06	0.0
574	9	0.0	0.0	-4.35e-03	0.0	0.0	0.0
574	11	0.0	0.0	-4.32e-03	0.0	0.0	0.0
575	1	2.38e-03	-5.55e-04	-6.36e-03	1.97e-05	3.26e-05	0.0
575	5	1.59e-03	-3.70e-04	-4.83e-03	1.32e-05	2.19e-05	0.0
575	8	3.18e-04	-7.40e-05	-4.45e-03	3.00e-06	5.00e-06	0.0
575	11	0.0	0.0	-4.37e-03	0.0	0.0	0.0
576	1	2.32e-03	-5.73e-04	-7.77e-03	1.35e-05	2.42e-05	0.0
576	5	1.55e-03	-3.82e-04	-5.77e-03	9.09e-06	1.63e-05	0.0
576	8	3.10e-04	-7.65e-05	-4.69e-03	2.33e-06	4.14e-06	0.0
576	11	0.0	0.0	-4.44e-03	0.0	1.11e-06	0.0
577	1	2.28e-03	-5.92e-04	-8.74e-03	8.65e-06	1.72e-05	0.0
577	5	1.52e-03	-3.95e-04	-6.43e-03	5.87e-06	1.16e-05	0.0
577	8	3.03e-04	-7.90e-05	-4.88e-03	1.77e-06	3.37e-06	0.0
577	11	0.0	0.0	-4.52e-03	0.0	1.31e-06	0.0

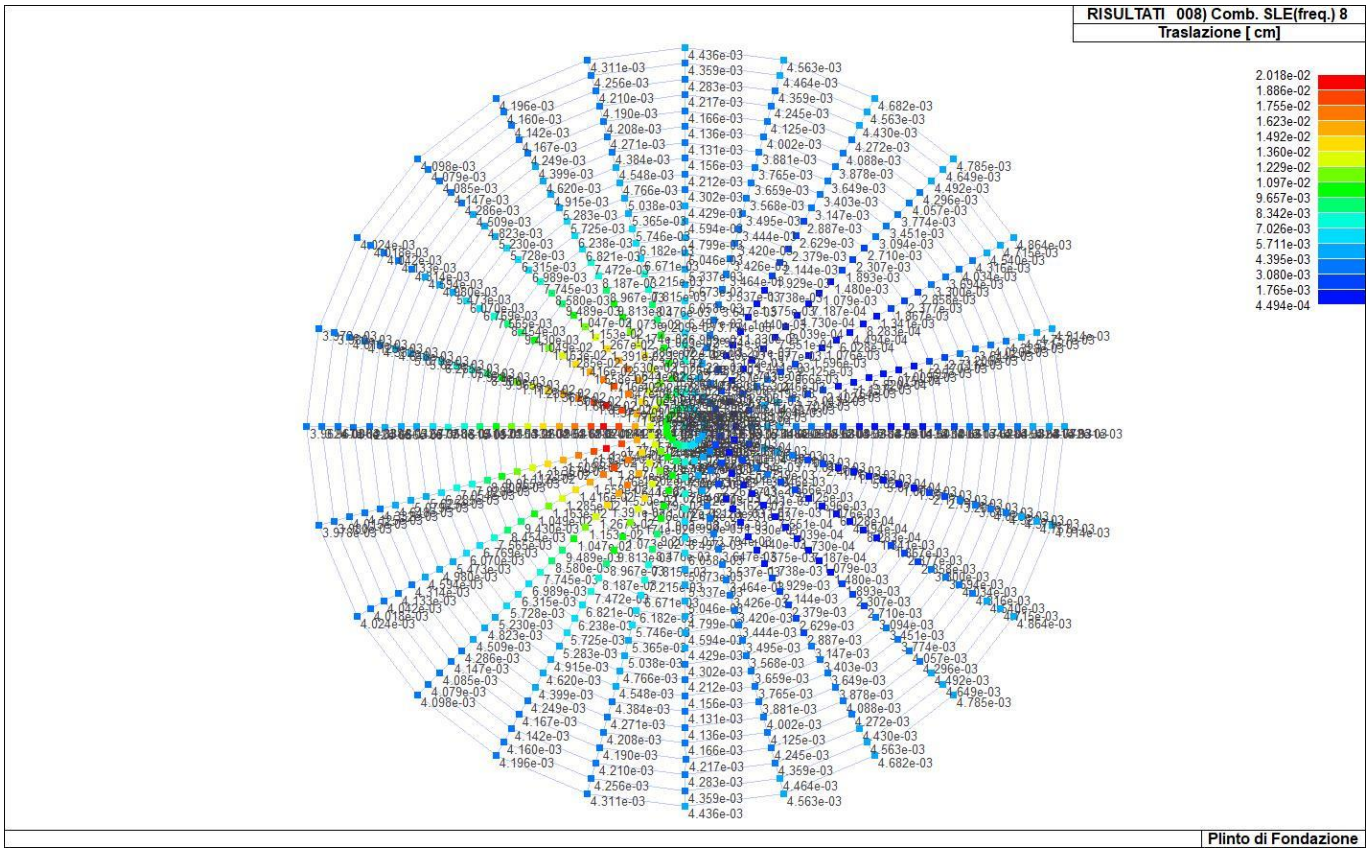
Nodo	**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
	0.0	-7.07e-04	-0.11	-9.06e-05	-2.17e-04	0.0
	4.54e-03	7.07e-04	0.09	9.06e-05	1.02e-04	0.0



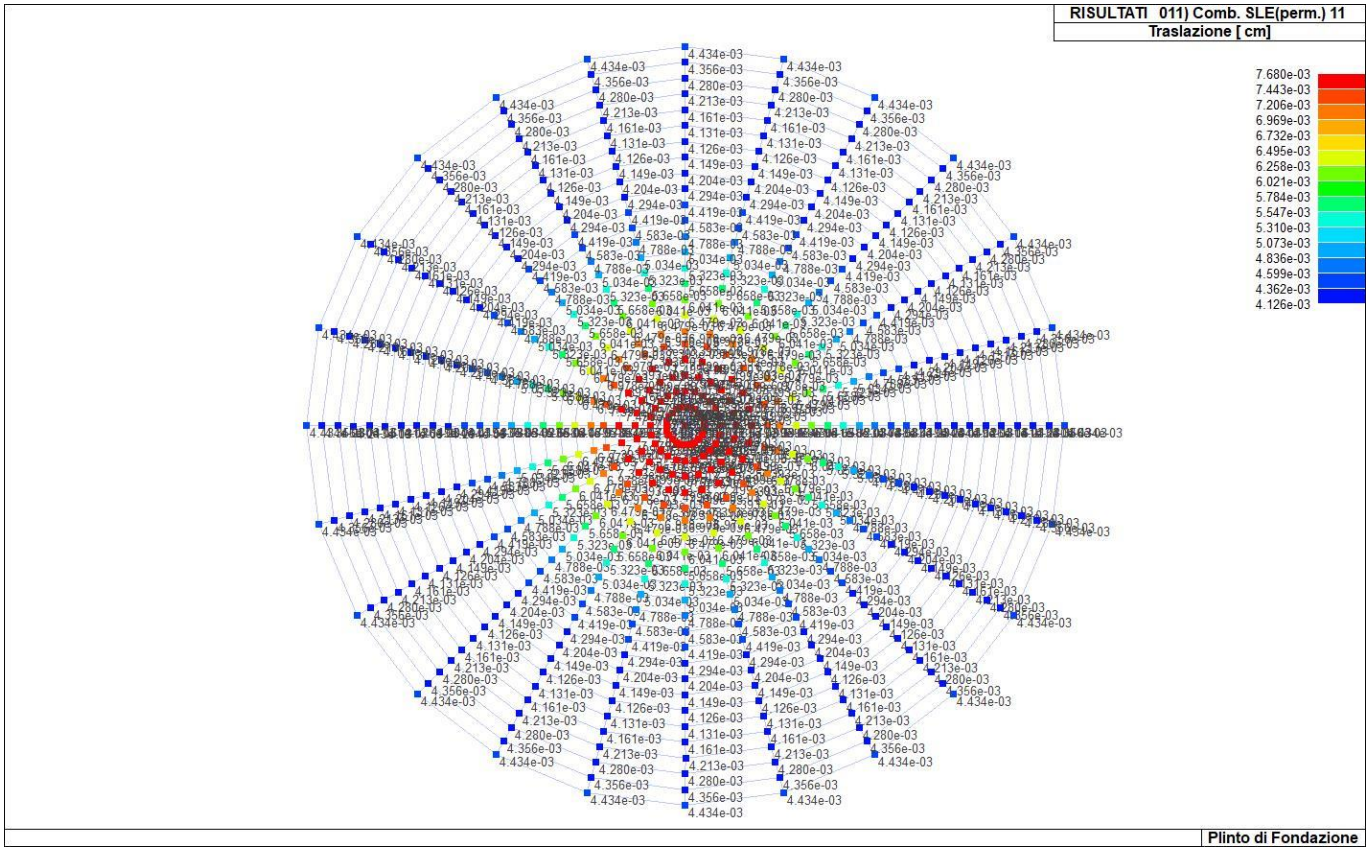
41_RIS_SPOSTAMENTI_001_Comb SLU A1 vento



41_RIS_SPOSTAMENTI_005_Comb SLErara 5



41_RIS_SPOSTAMENTI_008_Comb SLEfreq 8



41_RIS_SPOSTAMENTI_011_Comb SLEperm 11

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.

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	-2.02	-1.55	-1.54	-1.53							
2	0.63	5.99	-1.48	-1.47							
3	0.89	8.89	-2.26	-2.26							
4	-1.70	-1.24	-0.87	-0.78							
5	-1.01	0.31	-1.53	-1.53							
6	-0.57	1.84	-1.53	-1.52							
7	-0.15	3.31	-1.52	-1.51							
8	0.26	4.71	-1.50	-1.50							
9	0.72	7.89	-2.11	-2.10							
10	0.53	6.52	-1.84	-1.83							
11	0.36	5.37	-1.63	-1.62							
12	0.20	4.39	-1.45	-1.45							
13	0.06	3.52	-1.31	-1.31							
14	-0.07	2.75	-1.20	-1.19							
15	-0.20	2.07	-1.10	-1.10							
16	-0.31	1.47	-1.02	-1.02							
17	-0.41	0.94	-0.96	-0.96							
18	-0.51	0.48	-0.91	-0.91							
19	-0.59	0.09	-0.87	-0.87							
20	-0.66	-0.24	-0.84	-0.84							
21	-0.72	-0.51	-0.82	-0.82							
22	-0.91	-0.72	-0.81	-0.80							
23	-1.17	-0.89	-0.81	-0.79							
24	-1.43	-1.06	-0.84	-0.79							
25	-1.59	-1.16	-0.86	-0.78							
26	-1.68	-1.22	-0.87	-0.78							
27	-1.61	-1.18	-0.86	-0.78							
28	-1.50	-1.11	-0.84	-0.78							
29	-1.37	-1.01	-0.82	-0.78							
30	-1.21	-0.91	-0.80	-0.78							
31	-1.05	-0.81	-0.79	-0.78							
32	-0.95	-0.74	-0.79	-0.78							
33	-0.85	-0.67	-0.79	-0.78							
34	-0.77	-0.62	-0.79	-0.78							
35	-0.72	-0.58	-0.79	-0.78							
36	-0.71	-0.55	-0.79	-0.78							
37	-0.71	-0.54	-0.79	-0.78							
38	-0.71	-0.55	-0.79	-0.78							
39	-0.72	-0.58	-0.79	-0.78							
40	-0.77	-0.62	-0.79	-0.78							
41	-0.85	-0.67	-0.79	-0.78							
42	-0.95	-0.74	-0.79	-0.78							
43	-1.05	-0.81	-0.79	-0.78							
44	-1.21	-0.91	-0.80	-0.78							
45	-1.37	-1.01	-0.82	-0.78							
46	-1.50	-1.11	-0.84	-0.78							
47	-1.61	-1.18	-0.86	-0.78							
48	-1.68	-1.22	-0.87	-0.78							
49	0.56	5.74	-1.48	-1.47							
50	0.79	8.51	-2.26	-2.26							
51	-1.02	0.25	-1.53	-1.53							
52	-0.60	1.72	-1.53	-1.52							
53	-0.19	3.15	-1.52	-1.51							
54	0.20	4.50	-1.50	-1.50							
55	0.63	7.55	-2.11	-2.10							
56	0.45	6.24	-1.84	-1.83							
57	0.29	5.13	-1.63	-1.62							
58	0.15	4.19	-1.45	-1.45							
59	0.01	3.35	-1.31	-1.31							
60	-0.11	2.62	-1.20	-1.19							
61	-0.23	1.97	-1.10	-1.10							
62	-0.33	1.38	-1.02	-1.02							
63	-0.43	0.88	-0.96	-0.96							
64	-0.52	0.43	-0.91	-0.91							
65	-0.60	0.05	-0.87	-0.87							
66	-0.67	-0.26	-0.84	-0.84							
67	-0.73	-0.52	-0.82	-0.82							
68	-0.92	-0.72	-0.81	-0.80							
69	-1.17	-0.88	-0.81	-0.79							
70	-1.41	-1.05	-0.84	-0.79							
71	-1.57	-1.15	-0.85	-0.78							
72	0.56	5.74	-1.48	-1.47							
73	0.79	8.51	-2.26	-2.26							
74	-1.02	0.25	-1.53	-1.53							
75	-0.60	1.72	-1.53	-1.52							

76	-0.19	3.15	-1.52	-1.51
77	0.20	4.50	-1.50	-1.50
78	0.63	7.55	-2.11	-2.10
79	0.45	6.24	-1.84	-1.83
80	0.29	5.13	-1.63	-1.62
81	0.15	4.19	-1.45	-1.45
82	0.01	3.35	-1.31	-1.31
83	-0.11	2.62	-1.20	-1.19
84	-0.23	1.97	-1.10	-1.10
85	-0.33	1.38	-1.02	-1.02
86	-0.43	0.88	-0.96	-0.96
87	-0.52	0.43	-0.91	-0.91
88	-0.60	0.05	-0.87	-0.87
89	-0.67	-0.26	-0.84	-0.84
90	-0.73	-0.52	-0.82	-0.82
91	-0.92	-0.72	-0.81	-0.80
92	-1.17	-0.88	-0.81	-0.79
93	-1.41	-1.05	-0.84	-0.79
94	-1.57	-1.15	-0.85	-0.78
95	0.35	4.99	-1.48	-1.47
96	0.47	7.39	-2.26	-2.26
97	-1.08	0.06	-1.53	-1.53
98	-0.70	1.38	-1.53	-1.52
99	-0.33	2.66	-1.52	-1.51
100	0.02	3.87	-1.50	-1.50
101	0.35	6.55	-2.11	-2.10
102	0.21	5.40	-1.84	-1.83
103	0.09	4.43	-1.63	-1.62
104	-0.02	3.61	-1.45	-1.45
105	-0.12	2.87	-1.31	-1.31
106	-0.22	2.22	-1.20	-1.19
107	-0.32	1.65	-1.10	-1.10
108	-0.40	1.13	-1.02	-1.02
109	-0.49	0.68	-0.96	-0.96
110	-0.56	0.29	-0.91	-0.91
111	-0.63	-0.04	-0.87	-0.87
112	-0.69	-0.33	-0.84	-0.84
113	-0.74	-0.55	-0.82	-0.82
114	-0.94	-0.73	-0.81	-0.80
115	-1.15	-0.88	-0.81	-0.79
116	-1.38	-1.02	-0.83	-0.79
117	-1.51	-1.11	-0.85	-0.78
118	0.02	3.80	-1.48	-1.47
119	-0.03	5.62	-2.26	-2.26
120	-1.16	-0.23	-1.53	-1.53
121	-0.85	0.85	-1.53	-1.52
122	-0.55	1.89	-1.52	-1.51
123	-0.26	2.88	-1.50	-1.50
124	-0.10	4.96	-2.11	-2.10
125	-0.16	4.07	-1.84	-1.83
126	-0.22	3.32	-1.63	-1.62
127	-0.28	2.67	-1.45	-1.45
128	-0.34	2.10	-1.31	-1.31
129	-0.40	1.59	-1.20	-1.19
130	-0.46	1.14	-1.10	-1.10
131	-0.52	0.73	-1.02	-1.02
132	-0.57	0.38	-0.96	-0.96
133	-0.63	0.07	-0.91	-0.91
134	-0.67	-0.20	-0.87	-0.87
135	-0.71	-0.42	-0.84	-0.84
136	-0.75	-0.61	-0.82	-0.82
137	-0.96	-0.75	-0.81	-0.80
138	-1.14	-0.86	-0.80	-0.79
139	-1.31	-0.98	-0.82	-0.79
140	-1.43	-1.06	-0.83	-0.78
141	-0.42	2.25	-1.48	-1.47
142	-0.68	3.30	-2.26	-2.26
143	-1.27	-0.62	-1.53	-1.53
144	-1.05	0.15	-1.53	-1.52
145	-0.83	0.89	-1.52	-1.51
146	-0.62	1.60	-1.50	-1.50
147	-0.69	2.88	-2.11	-2.10
148	-0.65	2.33	-1.84	-1.83
149	-0.63	1.86	-1.63	-1.62
150	-0.62	1.46	-1.45	-1.45
151	-0.62	1.09	-1.31	-1.31
152	-0.63	0.77	-1.20	-1.19

153	-0.65	0.48	-1.10	-1.10
154	-0.66	0.21	-1.02	-1.02
155	-0.69	-0.02	-0.96	-0.96
156	-0.71	-0.23	-0.91	-0.91
157	-0.73	-0.40	-0.87	-0.87
158	-0.75	-0.55	-0.84	-0.84
159	-0.85	-0.68	-0.82	-0.82
160	-1.00	-0.77	-0.81	-0.80
161	-1.11	-0.85	-0.80	-0.79
162	-1.23	-0.93	-0.81	-0.79
163	-1.31	-0.98	-0.82	-0.78
164	-0.93	0.44	-1.48	-1.47
165	-1.44	0.60	-2.26	-2.26
166	-1.39	-1.07	-1.53	-1.53
167	-1.28	-0.67	-1.53	-1.52
168	-1.16	-0.28	-1.52	-1.51
169	-1.04	0.09	-1.50	-1.50
170	-1.37	0.46	-2.11	-2.10
171	-1.22	0.31	-1.84	-1.83
172	-1.11	0.17	-1.63	-1.62
173	-1.02	0.04	-1.45	-1.45
174	-0.95	-0.08	-1.31	-1.31
175	-0.90	-0.19	-1.20	-1.19
176	-0.86	-0.29	-1.10	-1.10
177	-0.83	-0.39	-1.02	-1.02
178	-0.82	-0.48	-0.96	-0.96
179	-0.80	-0.57	-0.91	-0.91
180	-0.80	-0.64	-0.87	-0.87
181	-0.89	-0.70	-0.84	-0.84
182	-0.97	-0.76	-0.82	-0.82
183	-1.04	-0.80	-0.81	-0.80
184	-1.09	-0.83	-0.80	-0.79
185	-1.14	-0.87	-0.80	-0.79
186	-1.18	-0.89	-0.80	-0.78
187	-1.95	-1.49	-1.48	-1.47
188	-2.98	-2.29	-2.26	-2.26
189	-2.02	-1.55	-1.53	-1.53
190	-2.01	-1.54	-1.53	-1.52
191	-2.00	-1.53	-1.52	-1.51
192	-1.97	-1.52	-1.50	-1.50
193	-2.78	-2.13	-2.11	-2.10
194	-2.43	-1.86	-1.84	-1.83
195	-2.15	-1.65	-1.63	-1.62
196	-1.93	-1.48	-1.45	-1.45
197	-1.74	-1.33	-1.31	-1.31
198	-1.59	-1.22	-1.20	-1.19
199	-1.46	-1.12	-1.10	-1.10
200	-1.36	-1.04	-1.02	-1.02
201	-1.28	-0.98	-0.96	-0.96
202	-1.22	-0.93	-0.91	-0.91
203	-1.17	-0.89	-0.87	-0.87
204	-1.13	-0.86	-0.84	-0.84
205	-1.10	-0.84	-0.82	-0.82
206	-1.08	-0.83	-0.81	-0.80
207	-1.07	-0.82	-0.80	-0.79
208	-1.06	-0.81	-0.79	-0.79
209	-1.06	-0.81	-0.79	-0.78
210	-6.78	-4.71	-2.12	-1.47
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212	-3.21	-2.34	-1.69	-1.53
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228	-1.30	-0.97	-0.85	-0.82
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233	-11.29	-7.72	-2.72	-1.47
234	-16.94	-11.59	-4.12	-2.26
235	-4.33	-3.09	-1.84	-1.53
236	-6.22	-4.35	-2.09	-1.52
237	-8.03	-5.56	-2.32	-1.51
238	-9.74	-6.69	-2.53	-1.50
239	-15.29	-10.47	-3.77	-2.10
240	-12.89	-8.84	-3.23	-1.83
241	-10.90	-7.49	-2.79	-1.62
242	-9.24	-6.36	-2.43	-1.45
243	-7.78	-5.36	-2.11	-1.31
244	-6.53	-4.51	-1.85	-1.19
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254	-0.94	-0.73	-0.79	-0.79
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257	-22.73	-15.45	-4.89	-2.26
258	-5.29	-3.73	-1.97	-1.53
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265	-12.28	-8.38	-2.83	-1.45
266	-10.29	-7.04	-2.45	-1.31
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280	-27.17	-18.42	-5.49	-2.26
281	-6.03	-4.22	-2.07	-1.53
282	-9.31	-6.41	-2.50	-1.52
283	-12.46	-8.51	-2.91	-1.51
284	-15.43	-10.49	-3.29	-1.50
285	-24.47	-16.59	-4.99	-2.10
286	-20.56	-13.95	-4.25	-1.83
287	-17.33	-11.77	-3.65	-1.62
288	-14.62	-9.94	-3.14	-1.45
289	-12.22	-8.32	-2.71	-1.31
290	-10.17	-6.94	-2.34	-1.19
291	-8.36	-5.72	-2.02	-1.10
292	-6.79	-4.66	-1.74	-1.02
293	-5.43	-3.75	-1.51	-0.96
294	-4.26	-2.96	-1.31	-0.91
295	-3.27	-2.30	-1.15	-0.87
296	-2.45	-1.75	-1.02	-0.84
297	-1.80	-1.31	-0.91	-0.82
298	-1.31	-0.98	-0.84	-0.80
299	-1.01	-0.78	-0.80	-0.79
300	-0.86	-0.68	-0.79	-0.79
301	-0.77	-0.62	-0.79	-0.78
302	-20.01	-13.54	-3.88	-1.47
303	-29.97	-20.28	-5.86	-2.26
304	-6.49	-4.53	-2.13	-1.53
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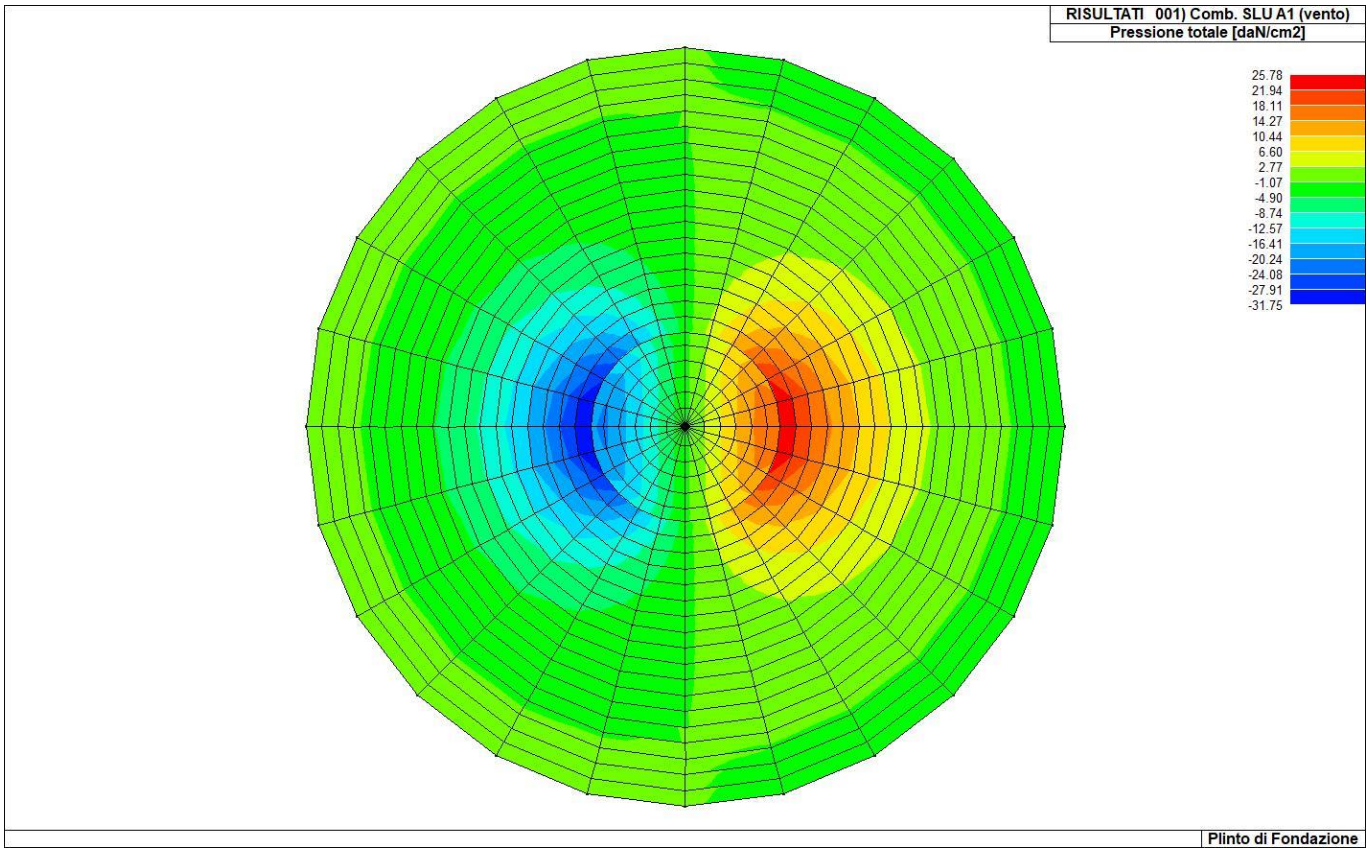
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310	-19.08	-12.94	-3.88	-1.62
311	-16.08	-10.91	-3.34	-1.45
312	-13.43	-9.13	-2.87	-1.31
313	-11.16	-7.60	-2.47	-1.19
314	-9.16	-6.25	-2.12	-1.10
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316	-5.91	-4.07	-1.58	-0.96
317	-4.61	-3.19	-1.36	-0.91
318	-3.52	-2.46	-1.18	-0.87
319	-2.61	-1.85	-1.04	-0.84
320	-1.89	-1.37	-0.92	-0.82
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323	-0.84	-0.66	-0.79	-0.79
324	-0.74	-0.60	-0.79	-0.78
325	-20.65	-13.96	-3.97	-1.47
326	-30.92	-20.91	-5.99	-2.26
327	-6.65	-4.64	-2.15	-1.53
328	-10.44	-7.16	-2.65	-1.52
329	-14.09	-9.59	-3.13	-1.51
330	-17.52	-11.88	-3.57	-1.50
331	-27.82	-18.83	-5.44	-2.10
332	-23.37	-15.83	-4.63	-1.83
333	-19.68	-13.34	-3.96	-1.62
334	-16.58	-11.25	-3.41	-1.45
335	-13.85	-9.41	-2.92	-1.31
336	-11.50	-7.82	-2.51	-1.19
337	-9.43	-6.43	-2.16	-1.10
338	-7.63	-5.22	-1.86	-1.02
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346	-0.83	-0.66	-0.79	-0.79
347	-0.73	-0.59	-0.79	-0.78
348	-20.01	-13.54	-3.88	-1.47
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352	-13.67	-9.32	-3.07	-1.51
353	-16.99	-11.52	-3.50	-1.50
354	-26.97	-18.26	-5.33	-2.10
355	-22.66	-15.35	-4.53	-1.83
356	-19.08	-12.94	-3.88	-1.62
357	-16.08	-10.91	-3.34	-1.45
358	-13.43	-9.13	-2.87	-1.31
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361	-7.41	-5.08	-1.83	-1.02
362	-5.91	-4.07	-1.58	-0.96
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375	-12.46	-8.51	-2.91	-1.51
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380	-14.62	-9.94	-3.14	-1.45
381	-12.22	-8.32	-2.71	-1.31
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392	-0.86	-0.68	-0.79	-0.79
393	-0.77	-0.62	-0.79	-0.78
394	-15.17	-10.31	-3.24	-1.47
395	-22.73	-15.45	-4.89	-2.26
396	-5.29	-3.73	-1.97	-1.53
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403	-12.28	-8.38	-2.83	-1.45
404	-10.29	-7.04	-2.45	-1.31
405	-8.59	-5.88	-2.13	-1.19
406	-7.09	-4.87	-1.85	-1.10
407	-5.79	-3.99	-1.61	-1.02
408	-4.67	-3.24	-1.41	-0.96
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411	-2.21	-1.58	-0.98	-0.84
412	-1.67	-1.22	-0.90	-0.82
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414	-1.02	-0.78	-0.80	-0.79
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419	-4.33	-3.09	-1.84	-1.53
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441	-10.20	-7.10	-3.22	-2.26
442	-3.21	-2.34	-1.69	-1.53
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444	-5.11	-3.61	-1.93	-1.51
445	-5.99	-4.19	-2.03	-1.50
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447	-7.83	-5.47	-2.56	-1.83
448	-6.67	-4.66	-2.23	-1.62
449	-5.70	-4.00	-1.96	-1.45
450	-4.86	-3.41	-1.72	-1.31
451	-4.14	-2.92	-1.53	-1.19
452	-3.51	-2.49	-1.37	-1.10
453	-2.97	-2.12	-1.23	-1.02
454	-2.51	-1.80	-1.12	-0.96
455	-2.11	-1.53	-1.03	-0.91
456	-1.78	-1.30	-0.95	-0.87
457	-1.51	-1.12	-0.89	-0.84
458	-1.30	-0.97	-0.85	-0.82
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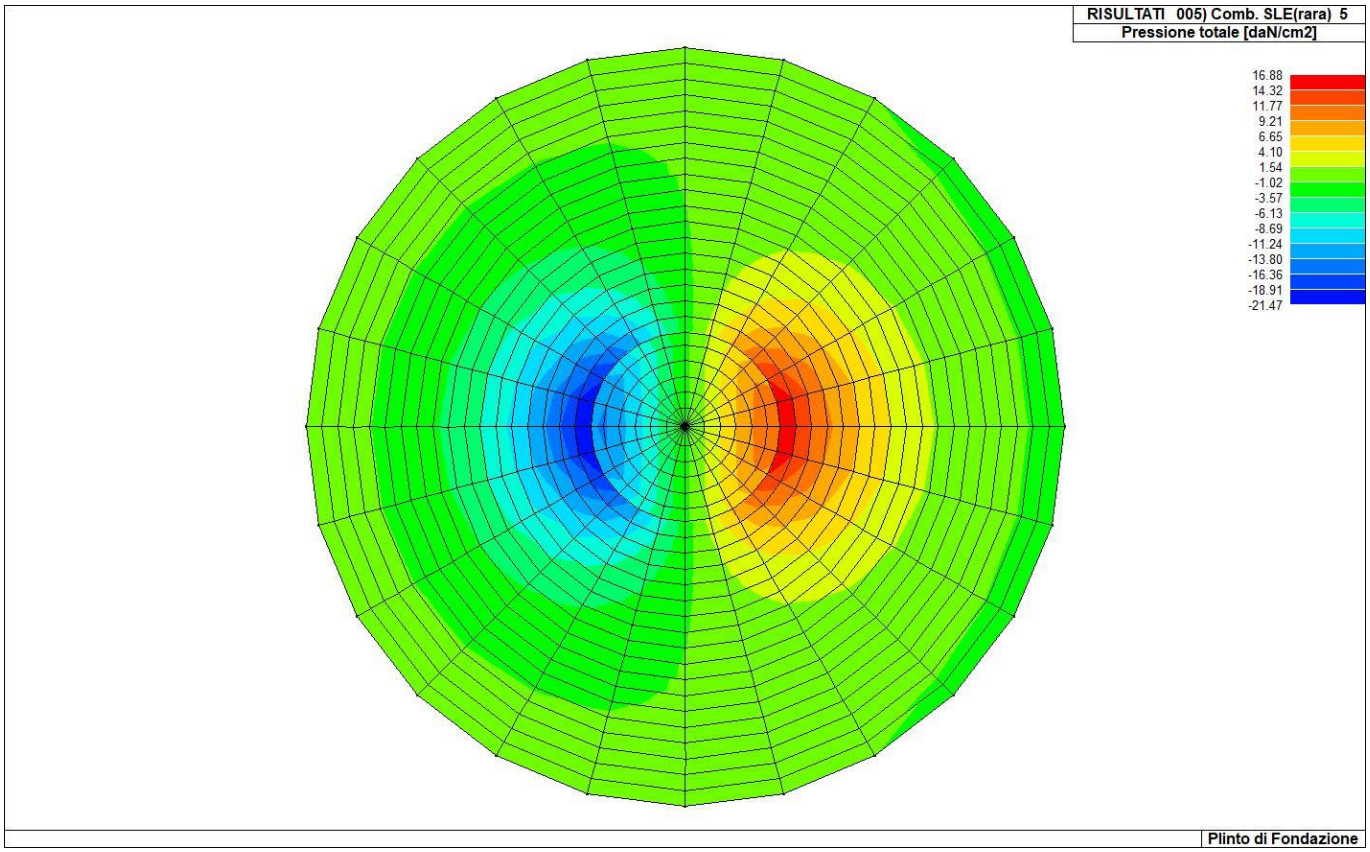
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465	-2.02	-1.55	-1.53	-1.53
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469	-2.78	-2.13	-2.11	-2.10
470	-2.43	-1.86	-1.84	-1.83
471	-2.15	-1.65	-1.63	-1.62
472	-1.93	-1.48	-1.45	-1.45
473	-1.74	-1.33	-1.31	-1.31
474	-1.59	-1.22	-1.20	-1.19
475	-1.46	-1.12	-1.10	-1.10
476	-1.36	-1.04	-1.02	-1.02
477	-1.28	-0.98	-0.96	-0.96
478	-1.22	-0.93	-0.91	-0.91
479	-1.17	-0.89	-0.87	-0.87
480	-1.13	-0.86	-0.84	-0.84
481	-1.10	-0.84	-0.82	-0.82
482	-1.08	-0.83	-0.81	-0.80
483	-1.07	-0.82	-0.80	-0.79
484	-1.06	-0.81	-0.79	-0.79
485	-1.06	-0.81	-0.79	-0.78
486	-0.93	0.44	-1.48	-1.47
487	-1.44	0.60	-2.26	-2.26
488	-1.39	-1.07	-1.53	-1.53
489	-1.28	-0.67	-1.53	-1.52
490	-1.16	-0.28	-1.52	-1.51
491	-1.04	0.09	-1.50	-1.50
492	-1.37	0.46	-2.11	-2.10
493	-1.22	0.31	-1.84	-1.83
494	-1.11	0.17	-1.63	-1.62
495	-1.02	0.04	-1.45	-1.45
496	-0.95	-0.08	-1.31	-1.31
497	-0.90	-0.19	-1.20	-1.19
498	-0.86	-0.29	-1.10	-1.10
499	-0.83	-0.39	-1.02	-1.02
500	-0.82	-0.48	-0.96	-0.96
501	-0.80	-0.57	-0.91	-0.91
502	-0.80	-0.64	-0.87	-0.87
503	-0.89	-0.70	-0.84	-0.84
504	-0.97	-0.76	-0.82	-0.82
505	-1.04	-0.80	-0.81	-0.80
506	-1.09	-0.83	-0.80	-0.79
507	-1.14	-0.87	-0.80	-0.79
508	-1.18	-0.89	-0.80	-0.78
509	-0.42	2.25	-1.48	-1.47
510	-0.68	3.30	-2.26	-2.26
511	-1.27	-0.62	-1.53	-1.53
512	-1.05	0.15	-1.53	-1.52
513	-0.83	0.89	-1.52	-1.51
514	-0.62	1.60	-1.50	-1.50
515	-0.69	2.88	-2.11	-2.10
516	-0.65	2.33	-1.84	-1.83
517	-0.63	1.86	-1.63	-1.62
518	-0.62	1.46	-1.45	-1.45
519	-0.62	1.09	-1.31	-1.31
520	-0.63	0.77	-1.20	-1.19
521	-0.65	0.48	-1.10	-1.10
522	-0.66	0.21	-1.02	-1.02
523	-0.69	-0.02	-0.96	-0.96
524	-0.71	-0.23	-0.91	-0.91
525	-0.73	-0.40	-0.87	-0.87
526	-0.75	-0.55	-0.84	-0.84
527	-0.85	-0.68	-0.82	-0.82
528	-1.00	-0.77	-0.81	-0.80
529	-1.11	-0.85	-0.80	-0.79
530	-1.23	-0.93	-0.81	-0.79
531	-1.31	-0.98	-0.82	-0.78
532	0.02	3.80	-1.48	-1.47
533	-0.03	5.62	-2.26	-2.26
534	-1.16	-0.23	-1.53	-1.53
535	-0.85	0.85	-1.53	-1.52
536	-0.55	1.89	-1.52	-1.51
537	-0.26	2.88	-1.50	-1.50

538	-0.10	4.96	-2.11	-2.10
539	-0.16	4.07	-1.84	-1.83
540	-0.22	3.32	-1.63	-1.62
541	-0.28	2.67	-1.45	-1.45
542	-0.34	2.10	-1.31	-1.31
543	-0.40	1.59	-1.20	-1.19
544	-0.46	1.14	-1.10	-1.10
545	-0.52	0.73	-1.02	-1.02
546	-0.57	0.38	-0.96	-0.96
547	-0.63	0.07	-0.91	-0.91
548	-0.67	-0.20	-0.87	-0.87
549	-0.71	-0.42	-0.84	-0.84
550	-0.75	-0.61	-0.82	-0.82
551	-0.96	-0.75	-0.81	-0.80
552	-1.14	-0.86	-0.80	-0.79
553	-1.31	-0.98	-0.82	-0.79
554	-1.43	-1.06	-0.83	-0.78
555	0.35	4.99	-1.48	-1.47
556	0.47	7.39	-2.26	-2.26
557	-1.08	0.06	-1.53	-1.53
558	-0.70	1.38	-1.53	-1.52
559	-0.33	2.66	-1.52	-1.51
560	0.02	3.87	-1.50	-1.50
561	0.35	6.55	-2.11	-2.10
562	0.21	5.40	-1.84	-1.83
563	0.09	4.43	-1.63	-1.62
564	-0.02	3.61	-1.45	-1.45
565	-0.12	2.87	-1.31	-1.31
566	-0.22	2.22	-1.20	-1.19
567	-0.32	1.65	-1.10	-1.10
568	-0.40	1.13	-1.02	-1.02
569	-0.49	0.68	-0.96	-0.96
570	-0.56	0.29	-0.91	-0.91
571	-0.63	-0.04	-0.87	-0.87
572	-0.69	-0.33	-0.84	-0.84
573	-0.74	-0.55	-0.82	-0.82
574	-0.94	-0.73	-0.81	-0.80
575	-1.15	-0.88	-0.81	-0.79
576	-1.38	-1.02	-0.83	-0.79
577	-1.51	-1.11	-0.85	-0.78

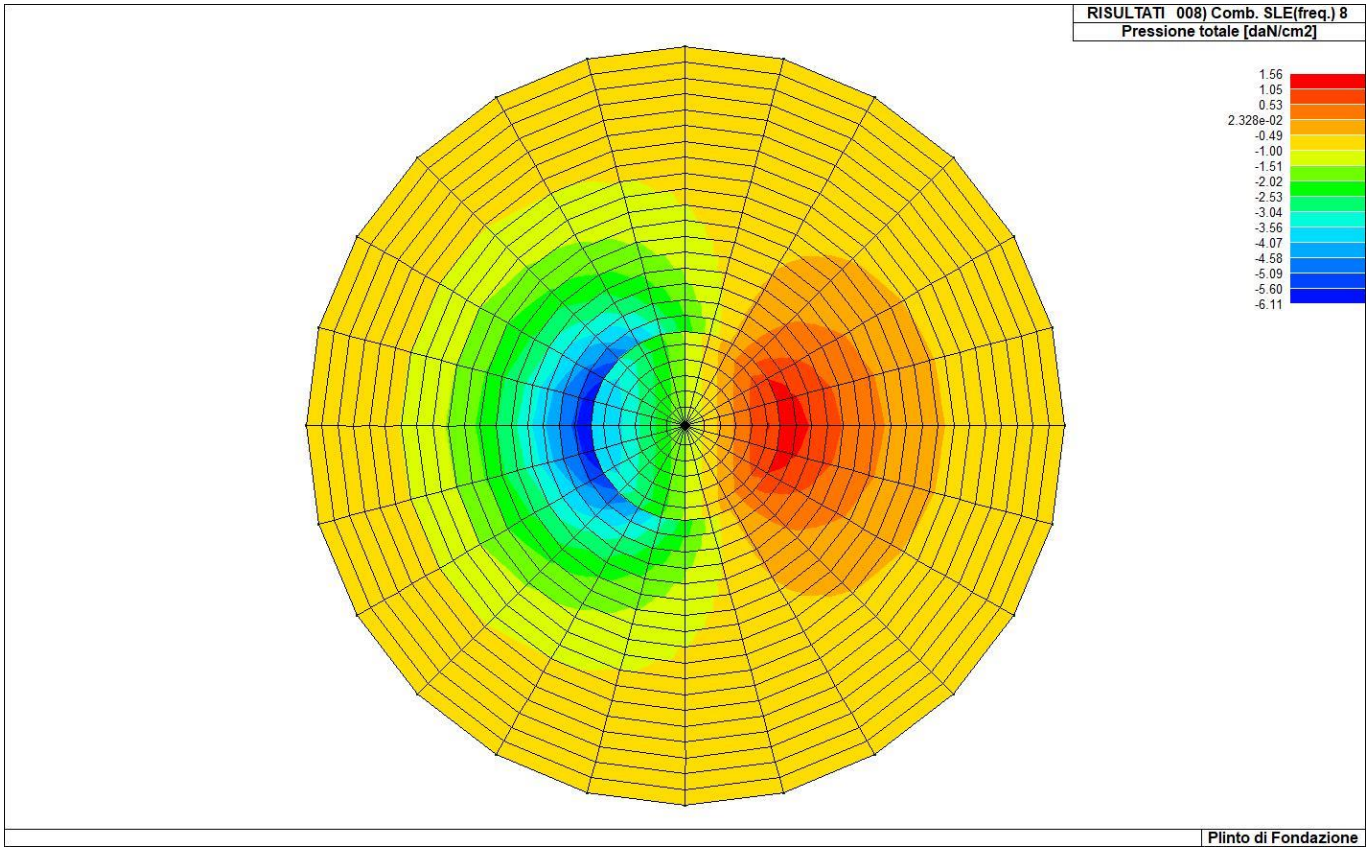
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**
	-30.92			
	8.89			



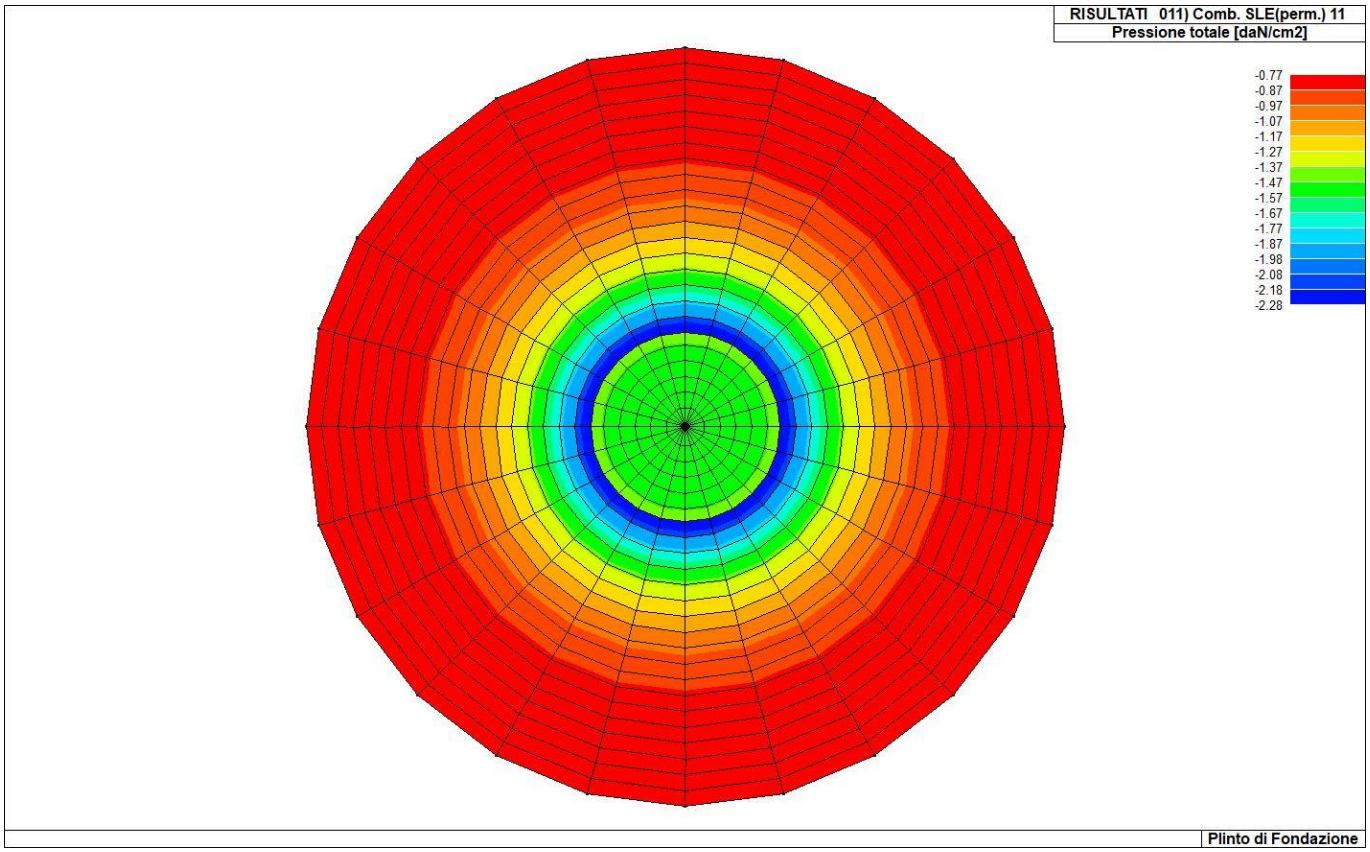
46_RIS_PRESSIONI_001_Comb SLU A1 vento



46_RIS_PRESSIONI_005_Comb SLErara 5



46_RIS_PRESSIONI_008_Comb SLEfreq 8

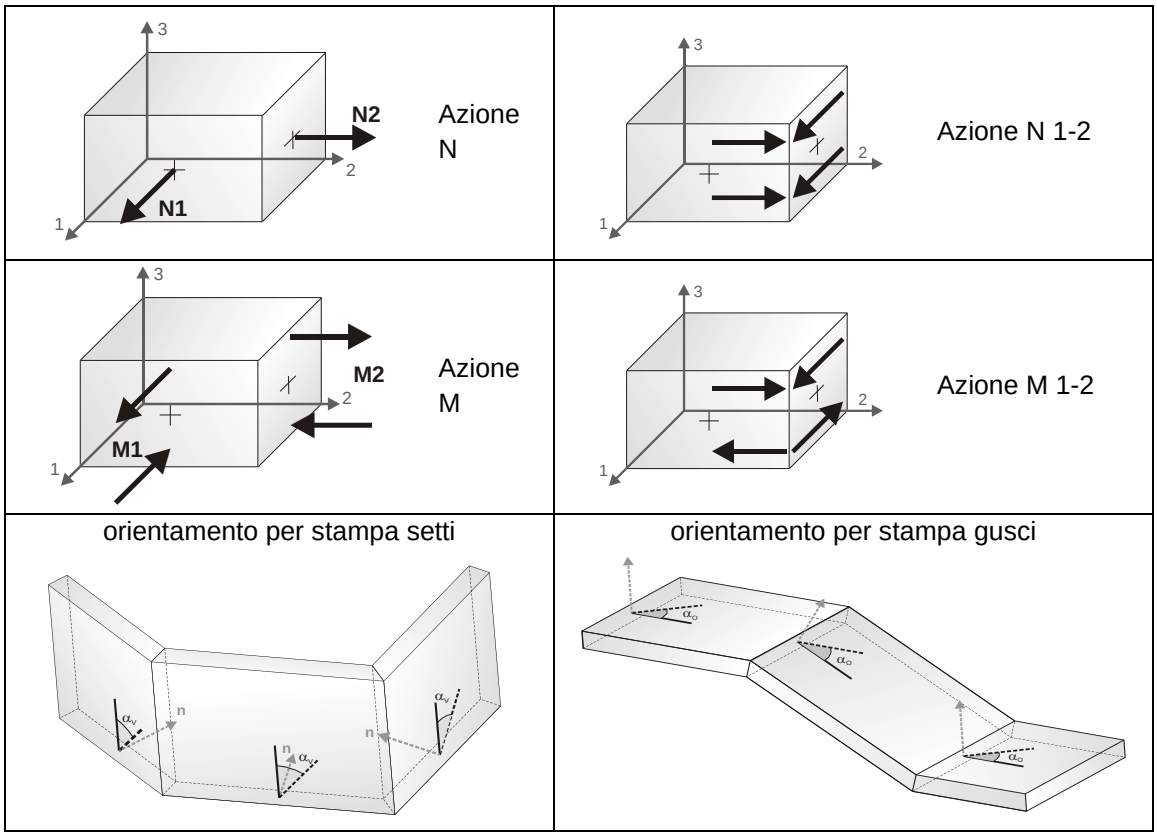


46_RIS_PRESSIONI_011_Comb SLEperm 11

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
N1-2	**M1**	dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la
M2	**M1-2**	reciprocità delle tensioni tangenziali)

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-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	1						-4.362e+04	-4.362e+04	-4.362e+04	-4.362e+04	
1	1	2	-8.10	-230.78	-230.78	-8.10		1.926e+06	1.097e+06	1.926e+06	1.097e+06	
1	1	3	36.35	-508.30	-508.30	36.35		1.879e+06	1.162e+06	1.879e+06	1.162e+06	
1	1	5	16.36	8.97	16.36	8.97		4.452e+05	1.323e+05	4.452e+05	1.323e+05	
1	1	6	30.63	19.04	30.63	19.04		8.719e+05	4.104e+05	8.719e+05	4.104e+05	
1	1	7	44.47	28.00	44.47	28.00		1.293e+06	6.447e+05	1.293e+06	6.447e+05	
1	1	8	58.51	37.03	58.51	37.03		1.741e+06	8.923e+05	1.741e+06	8.923e+05	
1	1	49	8.66	-239.40	-239.40	8.66	-0.27	1.875e+06	1.043e+06	1.862e+06	1.055e+06	1.016e+05
1	1	50	63.94	-519.81	-518.98	63.11	-21.97	1.835e+06	1.100e+06	1.829e+06	1.106e+06	6.629e+04
1	1	51	15.92	8.55	15.79	8.68	0.97	4.308e+05	1.241e+05	4.215e+05	1.334e+05	5.272e+04
1	1	52	29.74	18.23	29.51	18.47	1.63	8.460e+05	3.896e+05	8.352e+05	4.003e+05	6.917e+04
1	1	53	43.21	26.79	42.90	27.10	2.24	1.256e+06	6.129e+05	1.241e+06	6.270e+05	9.391e+04
1	1	54	56.84	35.44	56.44	35.84	2.91	1.691e+06	8.499e+05	1.672e+06	8.688e+05	1.245e+05
1	1	72	8.66	-239.40	-239.40	8.66	0.27	1.875e+06	1.043e+06	1.862e+06	1.055e+06	-1.016e+05
1	1	73	63.94	-519.81	-518.98	63.11	21.97	1.835e+06	1.100e+06	1.829e+06	1.106e+06	-6.629e+04
1	1	74	15.92	8.55	15.79	8.68	-0.97	4.308e+05	1.241e+05	4.215e+05	1.334e+05	-5.272e+04
1	1	75	29.74	18.23	29.51	18.47	-1.63	8.460e+05	3.896e+05	8.352e+05	4.003e+05	-6.917e+04
1	1	76	43.21	26.79	42.90	27.10	-2.24	1.256e+06	6.129e+05	1.241e+06	6.270e+05	-9.391e+04
1	1	77	56.84	35.44	56.44	35.84	-2.91	1.691e+06	8.499e+05	1.672e+06	8.688e+05	-1.245e+05
1	1	95	49.99	-256.87	-255.01	48.13	-23.84	1.724e+06	8.821e+05	1.673e+06	9.332e+05	2.009e+05
1	1	96	135.25	-543.97	-533.91	125.18	-82.06	1.703e+06	9.193e+05	1.673e+06	9.491e+05	1.498e+05
1	1	97	14.64	7.30	14.13	7.81	1.87	3.889e+05	9.948e+04	3.561e+05	1.324e+05	9.185e+04
1	1	98	27.16	15.86	26.27	16.75	3.04	7.702e+05	3.283e+05	7.308e+05	3.677e+05	1.259e+05
1	1	99	39.50	23.26	38.31	24.45	4.24	1.146e+06	5.194e+05	1.094e+06	5.716e+05	1.732e+05
1	1	100	51.97	30.77	50.42	32.31	5.51	1.543e+06	7.250e+05	1.473e+06	7.948e+05	2.284e+05
1	1	118	101.78	-270.70	-253.23	84.32	-78.73	1.482e+06	6.281e+05	1.366e+06	7.444e+05	2.930e+05
1	1	119	228.75	-562.47	-512.44	178.73	-192.56	1.484e+06	6.401e+05	1.399e+06	7.251e+05	2.539e+05
1	1	120	12.61	5.30	11.51	6.40	2.61	3.233e+05	5.937e+04	2.634e+05	1.193e+05	1.106e+05
1	1	121	23.07	12.06	21.24	13.88	4.10	6.509e+05	2.296e+05	5.736e+05	3.068e+05	1.630e+05
1	1	122	33.63	17.62	31.11	20.13	5.83	9.738e+05	3.692e+05	8.690e+05	4.740e+05	2.289e+05
1	1	123	44.23	23.32	40.97	26.59	7.59	1.310e+06	5.243e+05	1.171e+06	6.632e+05	2.997e+05
1	1	141	154.36	-273.80	-210.90	91.46	-151.57	1.166e+06	2.990e+05	9.584e+05	5.063e+05	3.697e+05
1	1	142	326.63	-562.60	-416.46	180.48	-329.54	1.189e+06	2.877e+05	1.006e+06	4.705e+05	3.623e+05
1	1	143	9.96	2.70	8.12	4.55	3.16	2.403e+05	4584.05	1.598e+05	8.510e+04	1.118e+05
1	1	144	17.77	7.06	14.87	9.96	4.76	4.980e+05	9.827e+04	3.820e+05	2.142e+05	1.814e+05
1	1	145	26.00	10.23	21.88	14.35	6.93	7.522e+05	1.704e+05	5.899e+05	3.326e+05	2.609e+05
1	1	146	34.20	13.57	28.82	18.94	9.05	1.010e+06	2.584e+05	7.977e+05	4.708e+05	3.385e+05
1	1	164	201.44	-263.26	-121.23	59.41	-214.08	7.943e+05	-8.145e+04	4.758e+05	2.370e+05	4.213e+05
1	1	165	416.24	-538.39	-236.07	113.93	-444.07	8.308e+05	-1.093e+05	5.098e+05	2.117e+05	4.458e+05
1	1	166	6.89	-0.34	4.19	2.36	3.50	1.486e+05	-6.416e+04	5.644e+04	2.795e+04	1.054e+05
1	1	167	11.67	1.18	7.64	5.21	5.10	3.243e+05	-5.896e+04	1.724e+05	9.300e+04	1.875e+05
1	1	168	17.18	1.58	11.28	7.47	7.56	4.988e+05	-6.589e+04	2.793e+05	1.536e+05	2.752e+05
1	1	169	22.57	2.15	14.87	9.86	9.90	6.684e+05	-5.822e+04	3.843e+05	2.259e+05	3.546e+05
1	1	187	238.69	-238.69			-238.69	3.924e+05	-4.865e+05	-4.703e+04	-4.707e+04	4.395e+05
1	1	188	488.73	-488.73			-488.73	4.326e+05	-5.211e+05	-4.564e+04	-4.282e+04	4.769e+05

1	1	189	3.61	-3.61			3.61	5.796e+04	-1.458e+05	-4.374e+04	-4.409e+04	1.019e+05
1	1	190	5.20	-5.20			5.20	1.438e+05	-2.335e+05	-4.441e+04	-4.536e+04	1.886e+05
1	1	191	7.77	-7.77			7.77	2.330e+05	-3.256e+05	-4.536e+04	-4.722e+04	2.793e+05
1	1	192	10.17	-10.17			10.17	3.107e+05	-4.071e+05	-4.663e+04	-4.970e+04	3.589e+05
1	1	210	263.26	-201.44	121.23	-59.41	-214.08	-1.264e+04	-8.884e+05	-5.699e+05	-3.311e+05	4.213e+05
1	1	211	538.39	-416.24	236.07	-113.93	-444.07	2.028e+04	-9.187e+05	-6.007e+05	-2.977e+05	4.444e+05
1	1	212	0.34	-6.89	-4.19	-2.36	3.50	-2.353e+04	-2.365e+05	-1.440e+05	-1.161e+05	1.056e+05
1	1	213	-1.18	-11.67	-7.64	-5.21	5.10	-3.051e+04	-4.144e+05	-2.613e+05	-1.836e+05	1.880e+05
1	1	214	-1.58	-17.18	-11.28	-7.47	7.56	-2.613e+04	-5.919e+05	-3.703e+05	-2.478e+05	2.762e+05
1	1	215	-2.15	-22.57	-14.87	-9.86	9.90	-3.718e+04	-7.657e+05	-4.780e+05	-3.249e+05	3.561e+05
1	1	233	273.80	-154.36	210.90	-91.46	-151.57	-3.931e+05	-1.260e+06	-1.052e+06	-6.005e+05	3.698e+05
1	1	234	562.60	-326.63	416.46	-180.48	-329.54	-3.773e+05	-1.276e+06	-1.096e+06	-5.576e+05	3.599e+05
1	1	235	-2.70	-9.96	-8.12	-4.55	3.16	-9.218e+04	-3.283e+05	-2.474e+05	-1.731e+05	1.121e+05
1	1	236	-7.06	-17.77	-14.87	-9.96	4.76	-1.875e+05	-5.883e+05	-4.713e+05	-3.045e+05	1.822e+05
1	1	237	-10.23	-26.00	-21.88	-14.35	6.93	-2.619e+05	-8.458e+05	-6.816e+05	-4.261e+05	2.625e+05
1	1	238	-13.57	-34.20	-28.82	-18.94	9.05	-3.530e+05	-1.108e+06	-8.925e+05	-5.687e+05	3.412e+05
1	1	256	270.70	-101.78	253.23	-84.32	-78.73	-7.221e+05	-1.576e+06	-1.460e+06	-8.385e+05	2.931e+05
1	1	257	562.47	-228.75	512.44	-178.73	-192.56	-7.303e+05	-1.571e+06	-1.488e+06	-8.135e+05	2.511e+05
1	1	258	-5.30	-12.61	-11.51	-6.40	2.61	-1.469e+05	-4.114e+05	-3.512e+05	-2.071e+05	1.109e+05
1	1	259	-12.06	-23.07	-21.24	-13.88	4.10	-3.186e+05	-7.414e+05	-6.634e+05	-3.966e+05	1.640e+05
1	1	260	-17.62	-33.63	-31.11	-20.13	5.83	-4.603e+05	-1.068e+06	-9.616e+05	-5.666e+05	2.308e+05
1	1	261	-23.32	-44.23	-40.97	-26.59	7.59	-6.182e+05	-1.408e+06	-1.267e+06	-7.595e+05	3.027e+05
1	1	279	256.87	-49.99	255.01	-48.13	-23.84	-9.762e+05	-1.818e+06	-1.767e+06	-1.027e+06	2.010e+05
1	1	280	543.97	-135.25	533.91	-125.18	-82.06	-1.010e+06	-1.789e+06	-1.760e+06	-1.039e+06	1.474e+05
1	1	281	-7.30	-14.64	-14.13	-7.81	1.87	-1.870e+05	-4.771e+05	-4.441e+05	-2.200e+05	9.215e+04
1	1	282	-15.86	-27.16	-26.27	-16.75	3.04	-4.172e+05	-8.608e+05	-8.211e+05	-4.570e+05	1.267e+05
1	1	283	-23.26	-39.50	-38.31	-24.45	4.24	-6.103e+05	-1.240e+06	-1.188e+06	-6.632e+05	1.748e+05
1	1	284	-30.77	-51.97	-50.42	-32.31	5.51	-8.186e+05	-1.642e+06	-1.571e+06	-8.896e+05	2.311e+05
1	1	302	239.40	-8.66	239.40	-8.66	-0.27	-1.137e+06	-1.969e+06	-1.956e+06	-1.149e+06	1.017e+05
1	1	303	519.81	-63.94	518.98	-63.11	-21.97	-1.191e+06	-1.921e+06	-1.915e+06	-1.196e+06	6.488e+04
1	1	304	-8.55	-15.92	-15.79	-8.68	0.97	-2.115e+05	-5.190e+05	-5.096e+05	-2.209e+05	5.290e+04
1	1	305	-18.23	-29.74	-29.51	-18.47	1.63	-4.784e+05	-9.367e+05	-9.258e+05	-4.893e+05	6.964e+04
1	1	306	-26.79	-43.21	-42.90	-27.10	2.24	-7.037e+05	-1.350e+06	-1.336e+06	-7.179e+05	9.484e+04
1	1	307	-35.44	-56.84	-56.44	-35.84	2.91	-9.432e+05	-1.790e+06	-1.771e+06	-9.624e+05	1.260e+05
1	1	325	230.78	8.10	230.78	8.10		-1.191e+06	-2.020e+06	-2.020e+06	-1.191e+06	
1	1	326	508.30	-36.35	508.30	-36.35		-1.253e+06	-1.965e+06	-1.965e+06	-1.253e+06	
1	1	327	-8.97	-16.36	-16.36	-8.97		-2.198e+05	-5.334e+05	-5.334e+05	-2.198e+05	
1	1	328	-19.04	-30.63	-30.63	-19.04		-4.992e+05	-9.627e+05	-9.627e+05	-4.992e+05	
1	1	329	-28.00	-44.47	-44.47	-28.00		-7.354e+05	-1.387e+06	-1.387e+06	-7.354e+05	
1	1	330	-37.03	-58.51	-58.51	-37.03		-9.856e+05	-1.841e+06	-1.841e+06	-9.856e+05	
1	1	348	239.40	-8.66	239.40	-8.66	0.27	-1.137e+06	-1.969e+06	-1.956e+06	-1.149e+06	-1.017e+05
1	1	349	519.81	-63.94	518.98	-63.11	21.97	-1.191e+06	-1.921e+06	-1.915e+06	-1.196e+06	-6.488e+04
1	1	350	-8.55	-15.92	-15.79	-8.68	-0.97	-2.115e+05	-5.190e+05	-5.096e+05	-2.209e+05	-5.290e+04
1	1	351	-18.23	-29.74	-29.51	-18.47	-1.63	-4.784e+05	-9.367e+05	-9.258e+05	-4.893e+05	-6.964e+04
1	1	352	-26.79	-43.21	-42.90	-27.10	-2.24	-7.037e+05	-1.350e+06	-1.336e+06	-7.179e+05	-9.484e+04
1	1	353	-35.44	-56.84	-56.44	-35.84	-2.91	-9.432e+05	-1.790e+06	-1.771e+06	-9.624e+05	-1.260e+05
1	1	371	256.87	-49.99	255.01	-48.13	23.84	-9.762e+05	-1.818e+06	-1.767e+06	-1.027e+06	-2.010e+05
1	1	372	543.97	-135.25	533.91	-125.18	82.06	-1.010e+06	-1.789e+06	-1.760e+06	-1.039e+06	-1.474e+05
1	1	373	-7.30	-14.64	-14.13	-7.81	-1.87	-1.870e+05	-4.771e+05	-4.441e+05	-2.200e+05	-9.215e+04
1	1	374	-15.86	-27.16	-26.27	-16.75	-3.04	-4.172e+05	-8.608e+05	-8.211e+05	-4.570e+05	-1.267e+05
1	1	375	-23.26	-39.50	-38.31	-24.45	-4.24	-6.103e+05	-1.240e+06	-1.188e+06	-6.632e+05	-1.748e+05
1	1	376	-30.77	-51.97	-50.42	-32.31	-5.51	-8.186e+05	-1.642e+06	-1.571e+06	-8.896e+05	-2.311e+05
1	1	394	270.70	-101.78	253.23	-84.32	78.73	-7.221e+05	-1.576e+06	-1.460e+06	-8.385e+05	-2.931e+05
1	1	395	562.47	-228.75	512.44	-178.73	192.56	-7.303e+05	-1.571e+06	-1.488e+06	-8.135e+05	-2.511e+05
1	1	396	-5.30	-12.61	-11.51	-6.40	-2.61	-1.469e+05	-4.114e+05	-3.512e+05	-2.071e+05	-1.109e+05
1	1	397	-12.06	-23.07	-21.24	-13.88	-4.10	-3.186e+05	-7.414e+05	-6.634e+05	-3.966e+05	-1.640e+05
1	1	398	-17.62	-33.63	-31.11	-20.13	-5.83	-4.603e+05	-1.068e+06	-9.616e+05	-5.666e+05	-2.308e+05
1	1	399	-23.32	-44.23	-40.97	-26.59	-7.59	-6.182e+05	-1.408e+06	-1.267e+06	-7.595e+05	-3.027e+05
1	1	417	273.80	-154.36	210.90	-91.46	151.57	-3.931e+05	-1.260e+06	-1.052e+06	-6.005e+05	-3.698e+05
1	1	418	562.60	-326.63	416.46	-180.48	329.54	-3.773e+05	-1.276e+06	-1.096e+06	-5.576e+05	-3.599e+05
1	1	419	-2.70	-9.96	-8.12	-4.55	-3.16	-9.218e+04	-3.283e+05	-2.474e+05	-1.731e+05	-1.121e+05
1	1	420	-7.06	-17.77	-14.87	-9.96	-4.76	-1.875e+05	-5.883e+05	-4.713e+05	-3.045e+05	-1.822e+05
1	1	421	-10.23	-26.00	-21.88	-14.35	-6.93	-2.619e+05	-8.458e+05	-6.816e+05	-4.261e+05	-2.625e+05
1	1	422	-13.57	-34.20	-28.82	-18.94	-9.05	-3.530e+05	-1.108e+06	-8.925e+05	-5.687e+05	-3.412e+05
1	1	440	263.26	-201.44	121.23	-59.41	214.08	-1.264e+04	-8.884e+05	-5.699e+05	-3.311e+05	-4.213e+05
1	1	441	538.39	-416.24	236.07	-113.93	444.07	2.028e+04	-9.187e+05	-6.007e+05	-2.977e+05	-4.444e+05
1	1	442	0.34	-6.89	-4.19	-2.36	-3.50	-2.353e+04	-2.365e+05	-1.440e+05	-1.161e+05	-1.056e+05
1	1	443	-1.18	-11.67	-7.64	-5.21	-5.10	-3.051e+04	-4.144e+05	-2.613e+05	-1.836e+05	-1.880e+05
1	1	444	-1.58	-17.18	-11.28	-7.47	-7.56	-2.613e+04	-5.919e+05	-3.703e+05	-2.478e+05	-2.762e+05
1	1	445	-2.15	-22.57	-14.87	-9.86	-9.90	-3.718e+04	-7.657e+05	-4.780e+05	-3.249e+05	-3.561e+05
1	1	463	238.69	-238.69			238.69	3.924e+05	-4.865e+05	-4.703e+04	-4.707e+04	-4.395e+05
1	1	464	488.73	-488.73			488.73	4.326e+05	-5.211e+05	-4.564e+04	-4.282e+04	-4.769e+05
1	1	465	3.61	-3.61			-3.61	5.796e+04	-1.458e+05	-4.374e+04	-4.409e+04	-1.019e+05
1	1	466	5.20	-5.20			-5.20	1.438e+05	-2.335e+05	-4.441e+04	-4.536e+04	-1.886e+05
1	1	467	7.77	-7.77			-7.77	2.330e+05	-3.256e+05	-4.536e+04	-4.722e+04	-2.793e+05
1	1	468	10.17	-10.17			-10.17	3.107e+05	-4.071e+05	-4.663e+04	-4.970e+04	-3.589e+05
1	1	486	201.44	-263.26	-121.23	59.41	214.08	7.943e+05	-8.145e+04	4.758e+05	2.370e+05	-4.213e+05

1	1	487	416.24	-538.39	-236.07	113.93	444.07	8.308e+05	-1.093e+05	5.098e+05	2.117e+05	-4.458e+05
1	1	488	6.89	-0.34	4.19	2.36	-3.50	1.486e+05	-6.416e+04	5.644e+04	2.795e+04	-1.054e+05
1	1	489	11.67	1.18	7.64	5.21	-5.10	3.243e+05	-5.896e+04	1.724e+05	9.300e+04	-1.875e+05
1	1	490	17.18	1.58	11.28	7.47	-7.56	4.988e+05	-6.589e+04	2.793e+05	1.536e+05	-2.752e+05
1	1	491	22.57	2.15	14.87	9.86	-9.90	6.684e+05	-5.822e+04	3.843e+05	2.259e+05	-3.546e+05
1	1	509	154.36	-273.80	-210.90	91.46	151.57	1.166e+06	2.990e+05	9.584e+05	5.063e+05	-3.697e+05
1	1	510	326.63	-562.60	-416.46	180.48	329.54	1.189e+06	2.877e+05	1.006e+06	4.705e+05	-3.623e+05
1	1	511	9.96	2.70	8.12	4.55	-3.16	2.403e+05	4584.05	1.598e+05	8.510e+04	-1.118e+05
1	1	512	17.77	7.06	14.87	9.96	-4.76	4.980e+05	9.827e+04	3.820e+05	2.142e+05	-1.814e+05
1	1	513	26.00	10.23	21.88	14.35	-6.93	7.522e+05	1.704e+05	5.899e+05	3.326e+05	-2.609e+05
1	1	514	34.20	13.57	28.82	18.94	-9.05	1.010e+06	2.584e+05	7.977e+05	4.708e+05	-3.385e+05
1	1	532	101.78	-270.70	-253.23	84.32	78.73	1.482e+06	6.281e+05	1.366e+06	7.444e+05	-2.930e+05
1	1	533	228.75	-562.47	-512.44	178.73	192.56	1.484e+06	6.401e+05	1.399e+06	7.251e+05	-2.539e+05
1	1	534	12.61	5.30	11.51	6.40	-2.61	3.233e+05	5.937e+04	2.634e+05	1.193e+05	-1.106e+05
1	1	535	23.07	12.06	21.24	13.88	-4.10	6.509e+05	2.296e+05	5.736e+05	3.068e+05	-1.630e+05
1	1	536	33.63	17.62	31.11	20.13	-5.83	9.738e+05	3.692e+05	8.690e+05	4.740e+05	-2.289e+05
1	1	537	44.23	23.32	40.97	26.59	-7.59	1.310e+06	5.243e+05	1.171e+06	6.632e+05	-2.997e+05
1	1	555	49.99	-256.87	-255.01	48.13	23.84	1.724e+06	8.821e+05	1.673e+06	9.332e+05	-2.009e+05
1	1	556	135.25	-543.97	-533.91	125.18	82.06	1.703e+06	9.193e+05	1.673e+06	9.491e+05	-1.498e+05
1	1	557	14.64	7.30	14.13	7.81	-1.87	3.889e+05	9.948e+04	3.561e+05	1.324e+05	-9.185e+04
1	1	558	27.16	15.86	26.27	16.75	-3.04	7.702e+05	3.283e+05	7.308e+05	3.677e+05	-1.259e+05
1	1	559	39.50	23.26	38.31	24.45	-4.24	1.146e+06	5.194e+05	1.094e+06	5.716e+05	-1.732e+05
1	1	560	51.97	30.77	50.42	32.31	-5.51	1.543e+06	7.250e+05	1.473e+06	7.948e+05	-2.284e+05
1	5	1						-3.355e+04	-3.355e+04	-3.355e+04	-3.355e+04	
1	5	2	-5.40	-153.86	-153.86	-5.40		1.279e+06	7.267e+05	1.279e+06	7.267e+05	
1	5	3	24.23	-338.86	-338.86	24.23		1.248e+06	7.700e+05	1.248e+06	7.700e+05	
1	5	5	10.91	5.98	10.91	5.98		2.923e+05	8.373e+04	2.923e+05	8.373e+04	
1	5	6	20.42	12.70	20.42	12.70		5.766e+05	2.690e+05	5.766e+05	2.690e+05	
1	5	7	29.65	18.66	29.65	18.66		8.571e+05	4.251e+05	8.571e+05	4.251e+05	
1	5	8	39.00	24.68	39.00	24.68		1.156e+06	5.901e+05	1.156e+06	5.901e+05	
1	5	49	5.77	-159.60	-159.60	5.77	-0.18	1.245e+06	6.902e+05	1.237e+06	6.986e+05	6.775e+04
1	5	50	42.63	-346.54	-345.99	42.07	-14.65	1.219e+06	7.284e+05	1.215e+06	7.324e+05	4.427e+04
1	5	51	10.61	5.70	10.53	5.79	0.65	2.827e+05	7.821e+04	2.765e+05	8.444e+04	3.514e+04
1	5	52	19.83	12.16	19.67	12.31	1.09	5.593e+05	2.552e+05	5.522e+05	2.623e+05	4.609e+04
1	5	53	28.80	17.86	28.60	18.07	1.49	8.322e+05	4.040e+05	8.228e+05	4.133e+05	6.256e+04
1	5	54	37.89	23.62	37.63	23.89	1.94	1.122e+06	5.618e+05	1.109e+06	5.744e+05	8.293e+04
1	5	72	5.77	-159.60	-159.60	5.77	0.18	1.245e+06	6.902e+05	1.237e+06	6.986e+05	-6.775e+04
1	5	73	42.63	-346.54	-345.99	42.07	14.65	1.219e+06	7.284e+05	1.215e+06	7.324e+05	-4.427e+04
1	5	74	10.61	5.70	10.53	5.79	-0.65	2.827e+05	7.821e+04	2.765e+05	8.444e+04	-3.514e+04
1	5	75	19.83	12.16	19.67	12.31	-1.09	5.593e+05	2.552e+05	5.522e+05	2.623e+05	-4.609e+04
1	5	76	28.80	17.86	28.60	18.07	-1.49	8.322e+05	4.040e+05	8.228e+05	4.133e+05	-6.256e+04
1	5	77	37.89	23.62	37.63	23.89	-1.94	1.122e+06	5.618e+05	1.109e+06	5.744e+05	-8.293e+04
1	5	95	33.33	-171.25	-170.00	32.09	-15.89	1.144e+06	5.832e+05	1.110e+06	6.173e+05	1.340e+05
1	5	96	90.16	-362.65	-355.94	83.46	-54.70	1.131e+06	6.082e+05	1.111e+06	6.281e+05	1.000e+05
1	5	97	9.76	4.86	9.42	5.20	1.24	2.548e+05	6.183e+04	2.329e+05	8.375e+04	6.122e+04
1	5	98	18.11	10.57	17.51	11.16	2.03	5.088e+05	2.143e+05	4.826e+05	2.405e+05	8.387e+04
1	5	99	26.33	15.50	25.54	16.30	2.82	7.593e+05	3.416e+05	7.246e+05	3.764e+05	1.154e+05
1	5	100	34.64	20.51	33.61	21.54	3.68	1.023e+06	4.785e+05	9.769e+05	5.250e+05	1.521e+05
1	5	118	67.85	-180.46	-168.82	56.21	-52.49	9.834e+05	4.139e+05	9.058e+05	4.915e+05	1.953e+05
1	5	119	152.50	-374.98	-341.63	119.15	-128.37	9.851e+05	4.221e+05	9.284e+05	4.788e+05	1.694e+05
1	5	120	8.41	3.54	7.67	4.27	1.74	2.110e+05	3.509e+04	1.711e+05	7.503e+04	7.370e+04
1	5	121	15.38	8.04	14.16	9.26	2.73	4.293e+05	1.485e+05	3.778e+05	2.000e+05	1.086e+05
1	5	122	22.42	11.74	20.74	13.42	3.88	6.444e+05	2.414e+05	5.746e+05	3.112e+05	1.525e+05
1	5	123	29.49	15.54	27.31	17.72	5.06	8.680e+05	3.447e+05	7.755e+05	4.372e+05	1.996e+05
1	5	141	102.90	-182.53	-140.60	60.97	-101.05	7.723e+05	1.945e+05	6.341e+05	3.327e+05	2.465e+05
1	5	142	217.75	-375.07	-277.64	120.32	-219.70	7.879e+05	1.872e+05	6.659e+05	3.092e+05	2.417e+05
1	5	143	6.64	1.80	5.41	3.03	2.11	1.557e+05	-1437.37	1.020e+05	5.222e+04	7.450e+04
1	5	144	11.85	4.71	9.91	6.64	3.17	3.274e+05	6.094e+04	2.501e+05	1.382e+05	1.209e+05
1	5	145	17.34	6.82	14.59	9.57	4.62	4.966e+05	1.089e+05	3.886e+05	2.169e+05	1.738e+05
1	5	146	22.80	9.05	19.22	12.63	6.04	6.684e+05	1.674e+05	5.270e+05	3.089e+05	2.255e+05
1	5	164	134.29	-175.51	-80.82	39.60	-142.72	5.247e+05	-5.913e+04	3.124e+05	1.532e+05	2.808e+05
1	5	165	277.49	-358.92	-157.38	75.95	-296.05	5.494e+05	-7.743e+04	3.352e+05	1.367e+05	2.973e+05
1	5	166	4.60	-0.23	2.80	1.57	2.33	9.452e+04	-4.727e+04	3.314e+04	1.411e+04	7.026e+04
1	5	167	7.78	0.79	5.09	3.48	3.40	2.116e+05	-4.390e+04	1.103e+05	5.735e+04	1.250e+05
1	5	168	11.45	1.05	7.52	4.98	5.04	3.277e+05	-4.865e+04	1.815e+05	9.756e+04	1.835e+05
1	5	169	15.05	1.44	9.91	6.57	6.60	4.406e+05	-4.371e+04	2.514e+05	1.455e+05	2.363e+05
1	5	187	159.13	-159.13			-159.13	2.568e+05	-3.292e+05	-3.618e+04	-3.621e+04	2.930e+05
1	5	188	325.82	-325.82			-325.82	2.839e+05	-3.519e+05	-3.511e+04	-3.294e+04	3.179e+05
1	5	189	2.41	-2.41			2.41	3.413e+04	-1.017e+05	-3.365e+04	-3.391e+04	6.791e+04
1	5	190	3.47	-3.47			3.47	9.123e+04	-1.603e+05	-3.416e+04	-3.489e+04	1.258e+05
1	5	191	5.18	-5.18			5.18	1.506e+05	-2.218e+05	-3.489e+04	-3.632e+04	1.862e+05
1	5	192	6.78	-6.78			6.78	2.022e+05	-2.763e+05	-3.587e+04	-3.824e+04	2.393e+05
1	5	210	175.51	-134.29	80.82	-39.60	-142.72	-1.326e+04	-5.971e+05	-3.847e+05	-2.256e+05	2.809e+05
1	5	211	358.92	-277.49	157.38	-75.95	-296.05	8952.23	-6.170e+05	-4.051e+05	-2.029e+05	2.962e+05
1	5	212	0.23	-4.60	-2.80	-1.57	2.33	-2.019e+04	-1.622e+05	-1.005e+05	-8.191e+04	7.039e+04
1	5	213	-0.79	-7.78	-5.09	-3.48	3.40	-2.493e+04	-2.809e+05	-1.788e+05	-1.270e+05	1.253e+05
1	5	214	-1.05	-11.45	-7.52	-4.98	5.04	-2.214e+04	-3.994e+05	-2.515e+05	-1.700e+05	1.842e+05

1	5	215	-1.44	-15.05	-9.91	-6.57	6.60	-2.968e+04	-5.154e+05	-3.234e+05	-2.217e+05	2.375e+05
1	5	233	182.53	-102.90	140.60	-60.97	-101.05	-2.669e+05	-8.447e+05	-7.065e+05	-4.051e+05	2.465e+05
1	5	234	375.07	-217.75	277.64	-120.32	-219.70	-2.561e+05	-8.551e+05	-7.351e+05	-3.762e+05	2.398e+05
1	5	235	-1.80	-6.64	-5.41	-3.03	2.11	-6.595e+04	-2.234e+05	-1.694e+05	-1.199e+05	7.474e+04
1	5	236	-4.71	-11.85	-9.91	-6.64	3.17	-1.296e+05	-3.968e+05	-3.188e+05	-2.076e+05	1.215e+05
1	5	237	-6.82	-17.34	-14.59	-9.57	4.62	-1.793e+05	-5.687e+05	-4.591e+05	-2.889e+05	1.751e+05
1	5	238	-9.05	-22.80	-19.22	-12.63	6.04	-2.402e+05	-7.439e+05	-5.999e+05	-3.842e+05	2.276e+05
1	5	256	180.46	-67.85	168.82	-56.21	-52.49	-4.863e+05	-1.056e+06	-9.782e+05	-5.639e+05	1.954e+05
1	5	257	374.98	-152.50	341.63	-119.15	-128.37	-4.915e+05	-1.052e+06	-9.965e+05	-5.469e+05	1.673e+05
1	5	258	-3.54	-8.41	-7.67	-4.27	1.74	-1.024e+05	-2.788e+05	-2.386e+05	-1.426e+05	7.397e+04
1	5	259	-8.04	-15.38	-14.16	-9.26	2.73	-2.170e+05	-4.989e+05	-4.469e+05	-2.690e+05	1.094e+05
1	5	260	-11.74	-22.42	-20.74	-13.42	3.88	-3.116e+05	-7.167e+05	-6.458e+05	-3.825e+05	1.539e+05
1	5	261	-15.54	-29.49	-27.31	-17.72	5.06	-4.170e+05	-9.439e+05	-8.497e+05	-5.113e+05	2.020e+05
1	5	279	171.25	-33.33	170.00	-32.09	-15.89	-6.556e+05	-1.217e+06	-1.183e+06	-6.897e+05	1.340e+05
1	5	280	362.65	-90.16	355.94	-83.46	-54.70	-6.780e+05	-1.197e+06	-1.178e+06	-6.973e+05	9.814e+04
1	5	281	-4.86	-9.76	-9.42	-5.20	1.24	-1.291e+05	-3.226e+05	-3.006e+05	-1.512e+05	6.145e+04
1	5	282	-10.57	-18.11	-17.51	-11.16	2.03	-2.827e+05	-5.785e+05	-5.520e+05	-3.092e+05	8.450e+04
1	5	283	-15.50	-26.33	-25.54	-16.30	2.82	-4.115e+05	-8.318e+05	-7.965e+05	-4.469e+05	1.166e+05
1	5	284	-20.51	-34.64	-33.61	-21.54	3.68	-5.505e+05	-1.100e+06	-1.052e+06	-5.979e+05	1.542e+05
1	5	302	159.60	-5.77	159.60	-5.77	-0.18	-7.626e+05	-1.317e+06	-1.309e+06	-7.710e+05	6.777e+04
1	5	303	346.54	-42.63	345.99	-42.07	-14.65	-7.985e+05	-1.285e+06	-1.281e+06	-8.023e+05	4.318e+04
1	5	304	-5.70	-10.61	-10.53	-5.79	0.65	-1.455e+05	-3.505e+05	-3.443e+05	-1.518e+05	3.527e+04
1	5	305	-12.16	-19.83	-19.67	-12.31	1.09	-3.235e+05	-6.291e+05	-6.219e+05	-3.307e+05	4.645e+04
1	5	306	-17.86	-28.80	-28.60	-18.07	1.49	-4.738e+05	-9.048e+05	-8.953e+05	-4.833e+05	6.328e+04
1	5	307	-23.62	-37.89	-37.63	-23.89	1.94	-6.336e+05	-1.198e+06	-1.186e+06	-6.464e+05	8.411e+04
1	5	325	153.86	5.40	153.86	5.40		-7.991e+05	-1.352e+06	-1.352e+06	-7.991e+05	
1	5	326	338.86	-24.23	338.86	-24.23		-8.402e+05	-1.314e+06	-1.314e+06	-8.402e+05	
1	5	327	-5.98	-10.91	-10.91	-5.98		-1.510e+05	-3.601e+05	-3.601e+05	-1.510e+05	
1	5	328	-12.70	-20.42	-20.42	-12.70		-3.374e+05	-6.464e+05	-6.464e+05	-3.374e+05	
1	5	329	-18.66	-29.65	-29.65	-18.66		-4.949e+05	-9.298e+05	-9.298e+05	-4.949e+05	
1	5	330	-24.68	-39.00	-39.00	-24.68		-6.618e+05	-1.232e+06	-1.232e+06	-6.618e+05	
1	5	348	159.60	-5.77	159.60	-5.77	0.18	-7.626e+05	-1.317e+06	-1.309e+06	-7.710e+05	-6.777e+04
1	5	349	346.54	-42.63	345.99	-42.07	14.65	-7.985e+05	-1.285e+06	-1.281e+06	-8.023e+05	-4.318e+04
1	5	350	-5.70	-10.61	-10.53	-5.79	-0.65	-1.455e+05	-3.505e+05	-3.443e+05	-1.518e+05	-3.527e+04
1	5	351	-12.16	-19.83	-19.67	-12.31	-1.09	-3.235e+05	-6.291e+05	-6.219e+05	-3.307e+05	-4.645e+04
1	5	352	-17.86	-28.80	-28.60	-18.07	-1.49	-4.738e+05	-9.048e+05	-8.953e+05	-4.833e+05	-6.328e+04
1	5	353	-23.62	-37.89	-37.63	-23.89	-1.94	-6.336e+05	-1.198e+06	-1.186e+06	-6.464e+05	-8.411e+04
1	5	371	171.25	-33.33	170.00	-32.09	15.89	-6.556e+05	-1.217e+06	-1.183e+06	-6.897e+05	-1.340e+05
1	5	372	362.65	-90.16	355.94	-83.46	54.70	-6.780e+05	-1.197e+06	-1.178e+06	-6.973e+05	-9.814e+04
1	5	373	-4.86	-9.76	-9.42	-5.20	-1.24	-1.291e+05	-3.226e+05	-3.006e+05	-1.512e+05	-6.145e+04
1	5	374	-10.57	-18.11	-17.51	-11.16	-2.03	-2.827e+05	-5.785e+05	-5.520e+05	-3.092e+05	-8.450e+04
1	5	375	-15.50	-26.33	-25.54	-16.30	-2.82	-4.115e+05	-8.318e+05	-7.965e+05	-4.469e+05	-1.166e+05
1	5	376	-20.51	-34.64	-33.61	-21.54	-3.68	-5.505e+05	-1.100e+06	-1.052e+06	-5.979e+05	-1.542e+05
1	5	394	180.46	-67.85	168.82	-56.21	52.49	-4.863e+05	-1.056e+06	-9.782e+05	-5.639e+05	-1.954e+05
1	5	395	374.98	-152.50	341.63	-119.15	128.37	-4.915e+05	-1.052e+06	-9.965e+05	-5.469e+05	-1.673e+05
1	5	396	-3.54	-8.41	-7.67	-4.27	-1.74	-1.024e+05	-2.788e+05	-2.386e+05	-1.426e+05	-7.397e+04
1	5	397	-8.04	-15.38	-14.16	-9.26	-2.73	-2.170e+05	-4.989e+05	-4.469e+05	-2.690e+05	-1.094e+05
1	5	398	-11.74	-22.42	-20.74	-13.42	-3.88	-3.116e+05	-7.167e+05	-6.458e+05	-3.825e+05	-1.539e+05
1	5	399	-15.54	-29.49	-27.31	-17.72	-5.06	-4.170e+05	-9.439e+05	-8.497e+05	-5.113e+05	-2.020e+05
1	5	417	182.53	-102.90	140.60	-60.97	101.05	-2.669e+05	-8.447e+05	-7.065e+05	-4.051e+05	-2.465e+05
1	5	418	375.07	-217.75	277.64	-120.32	219.70	-2.561e+05	-8.551e+05	-7.351e+05	-3.762e+05	-2.398e+05
1	5	419	-1.80	-6.64	-5.41	-3.03	-2.11	-6.595e+04	-2.234e+05	-1.694e+05	-1.199e+05	-7.474e+04
1	5	420	-4.71	-11.85	-9.91	-6.64	-3.17	-1.296e+05	-3.968e+05	-3.188e+05	-2.076e+05	-1.215e+05
1	5	421	-6.82	-17.34	-14.59	-9.57	-4.62	-1.793e+05	-5.687e+05	-4.591e+05	-2.889e+05	-1.751e+05
1	5	422	-9.05	-22.80	-19.22	-12.63	-6.04	-2.402e+05	-7.439e+05	-5.999e+05	-3.842e+05	-2.276e+05
1	5	440	175.51	-134.29	80.82	-39.60	142.72	-1.326e+04	-5.971e+05	-3.847e+05	-2.256e+05	-2.809e+05
1	5	441	358.92	-277.49	157.38	-75.95	296.05	8952.23	-6.170e+05	-4.051e+05	-2.029e+05	-2.962e+05
1	5	442	0.23	-4.60	-2.80	-1.57	-2.33	-2.019e+04	-1.622e+05	-1.005e+05	-8.191e+04	-7.039e+04
1	5	443	-0.79	-7.78	-5.09	-3.48	-3.40	-2.493e+04	-2.809e+05	-1.788e+05	-1.270e+05	-1.253e+05
1	5	444	-1.05	-11.45	-7.52	-4.98	-5.04	-2.214e+04	-3.994e+05	-2.515e+05	-1.700e+05	-1.842e+05
1	5	445	-1.44	-15.05	-9.91	-6.57	-6.60	-2.968e+04	-5.154e+05	-3.234e+05	-2.217e+05	-2.375e+05
1	5	463	159.13	-159.13			159.13	2.568e+05	-3.292e+05	-3.618e+04	-3.621e+04	-2.930e+05
1	5	464	325.82	-325.82			325.82	2.839e+05	-3.519e+05	-3.511e+04	-3.294e+04	-3.179e+05
1	5	465	2.41	-2.41			-2.41	3.413e+04	-1.017e+05	-3.365e+04	-3.391e+04	-6.791e+04
1	5	466	3.47	-3.47			-3.47	9.123e+04	-1.603e+05	-3.416e+04	-3.489e+04	-1.258e+05
1	5	467	5.18	-5.18			-5.18	1.506e+05	-2.218e+05	-3.489e+04	-3.632e+04	-1.862e+05
1	5	468	6.78	-6.78			-6.78	2.022e+05	-2.763e+05	-3.587e+04	-3.824e+04	-2.393e+05
1	5	486	134.29	-175.51	-80.82	39.60	142.72	5.247e+05	-5.913e+04	3.124e+05	1.532e+05	-2.808e+05
1	5	487	277.49	-358.92	-157.38	75.95	296.05	5.494e+05	-7.743e+04	3.352e+05	1.367e+05	-2.973e+05
1	5	488	4.60	-0.23	2.80	1.57	-2.33	9.452e+04	-4.727e+04	3.314e+04	1.411e+04	-7.026e+04
1	5	489	7.78	0.79	5.09	3.48	-3.40	2.116e+05	-4.390e+04	1.103e+05	5.735e+04	-1.250e+05
1	5	490	11.45	1.05	7.52	4.98	-5.04	3.277e+05	-4.865e+04	1.815e+05	9.756e+04	-1.835e+05
1	5	491	15.05	1.44	9.91	6.57	-6.60	4.406e+05	-4.371e+04	2.514e+05	1.455e+05	-2.363e+05
1	5	509	102.90	-182.53	-140.60	60.97	101.05	7.723e+05	1.945e+05	6.341e+05	3.327e+05	-2.465e+05
1	5	510	217.75	-375.07	-277.64	120.32	219.70	7.879e+05	1.872e+05	6.659e+05	3.092e+05	-2.417e+05
1	5	511	6.64	1.80	5.41	3.03	-2.11	1.557e+05	-1437.37	1.020e+05	5.222e+04	-7.450e+04
1	5	512	11.85	4.71	9.91	6.64	-3.17	3.274e+05	6.094e+04	2.501e+05	1.382e+05	-1.209e+05

1	5	513	17.34	6.82	14.59	9.57	-4.62	4.966e+05	1.089e+05	3.886e+05	2.169e+05	-1.738e+05
1	5	514	22.80	9.05	19.22	12.63	-6.04	6.684e+05	1.674e+05	5.270e+05	3.089e+05	-2.255e+05
1	5	532	67.85	-180.46	-168.82	56.21	52.49	9.834e+05	4.139e+05	9.058e+05	4.915e+05	-1.953e+05
1	5	533	152.50	-374.98	-341.63	119.15	128.37	9.851e+05	4.221e+05	9.284e+05	4.788e+05	-1.694e+05
1	5	534	8.41	3.54	7.67	4.27	-1.74	2.110e+05	3.509e+04	1.711e+05	7.503e+04	-7.370e+04
1	5	535	15.38	8.04	14.16	9.26	-2.73	4.293e+05	1.485e+05	3.778e+05	2.000e+05	-1.086e+05
1	5	536	22.42	11.74	20.74	13.42	-3.88	6.444e+05	2.414e+05	5.746e+05	3.112e+05	-1.525e+05
1	5	537	29.49	15.54	27.31	17.72	-5.06	8.680e+05	3.447e+05	7.755e+05	4.372e+05	-1.996e+05
1	5	555	33.33	-171.25	-170.00	32.09	15.89	1.144e+06	5.832e+05	1.110e+06	6.173e+05	-1.340e+05
1	5	556	90.16	-362.65	-355.94	83.46	54.70	1.131e+06	6.082e+05	1.111e+06	6.281e+05	-1.000e+05
1	5	557	9.76	4.86	9.42	5.20	-1.24	2.548e+05	6.183e+04	2.329e+05	8.375e+04	-6.122e+04
1	5	558	18.11	10.57	17.51	11.16	-2.03	5.088e+05	2.143e+05	4.826e+05	2.405e+05	-8.387e+04
1	5	559	26.33	15.50	25.54	16.30	-2.82	7.593e+05	3.416e+05	7.246e+05	3.764e+05	-1.154e+05
1	5	560	34.64	20.51	33.61	21.54	-3.68	1.023e+06	4.785e+05	9.769e+05	5.250e+05	-1.521e+05
1	8	1						-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	
1	8	2	-1.08	-30.77	-30.77	-1.08		2.268e+05	1.164e+05	2.268e+05	1.164e+05	
1	8	3	4.85	-67.77	-67.77	4.85		2.233e+05	1.259e+05	2.233e+05	1.259e+05	
1	8	5	2.18	1.20	2.18	1.20		3.132e+04	-1.018e+04	3.132e+04	-1.018e+04	
1	8	6	4.08	2.54	4.08	2.54		8.740e+04	2.647e+04	8.740e+04	2.647e+04	
1	8	7	5.93	3.73	5.93	3.73		1.423e+05	5.710e+04	1.423e+05	5.710e+04	
1	8	8	7.80	4.94	7.80	4.94		2.005e+05	8.930e+04	2.005e+05	8.930e+04	
1	8	49	1.15	-31.92	-31.92	1.15	-3.66e-02	2.200e+05	1.091e+05	2.183e+05	1.107e+05	1.354e+04
1	8	50	8.53	-69.31	-69.20	8.41	-2.93	2.173e+05	1.176e+05	2.165e+05	1.185e+05	9282.29
1	8	51	2.12	1.14	2.11	1.16	0.13	2.940e+04	-1.128e+04	2.817e+04	-1.005e+04	6973.92
1	8	52	3.97	2.43	3.93	2.46	0.22	8.395e+04	2.369e+04	8.255e+04	2.509e+04	9070.58
1	8	53	5.76	3.57	5.72	3.61	0.30	1.374e+05	5.285e+04	1.356e+05	5.466e+04	1.223e+04
1	8	54	7.58	4.72	7.53	4.78	0.39	1.938e+05	8.362e+04	1.914e+05	8.603e+04	1.611e+04
1	8	72	1.15	-31.92	-31.92	1.15	3.66e-02	2.200e+05	1.091e+05	2.183e+05	1.107e+05	-1.354e+04
1	8	73	8.53	-69.31	-69.20	8.41	2.93	2.173e+05	1.176e+05	2.165e+05	1.185e+05	-9282.29
1	8	74	2.12	1.14	2.11	1.16	-0.13	2.940e+04	-1.128e+04	2.817e+04	-1.005e+04	-6973.92
1	8	75	3.97	2.43	3.93	2.46	-0.22	8.395e+04	2.369e+04	8.255e+04	2.509e+04	-9070.58
1	8	76	5.76	3.57	5.72	3.61	-0.30	1.374e+05	5.285e+04	1.356e+05	5.466e+04	-1.223e+04
1	8	77	7.58	4.72	7.53	4.78	-0.39	1.938e+05	8.362e+04	1.914e+05	8.603e+04	-1.611e+04
1	8	95	6.67	-34.25	-34.00	6.42	-3.18	1.999e+05	8.768e+04	1.931e+05	9.448e+04	2.677e+04
1	8	96	18.03	-72.53	-71.19	16.69	-10.94	1.995e+05	9.370e+04	1.953e+05	9.793e+04	2.075e+04
1	8	97	1.95	0.97	1.88	1.04	0.25	2.382e+04	-1.457e+04	1.948e+04	-1.023e+04	1.215e+04
1	8	98	3.62	2.11	3.50	2.23	0.41	7.386e+04	1.549e+04	6.874e+04	2.062e+04	1.652e+04
1	8	99	5.27	3.10	5.11	3.26	0.56	1.228e+05	4.033e+04	1.161e+05	4.705e+04	2.257e+04
1	8	100	6.93	4.10	6.72	4.31	0.74	1.742e+05	6.690e+04	1.652e+05	7.581e+04	2.960e+04
1	8	118	13.57	-36.09	-33.76	11.24	-10.50	1.677e+05	5.380e+04	1.522e+05	6.930e+04	3.905e+04
1	8	119	30.50	-75.00	-68.33	23.83	-25.67	1.703e+05	5.664e+04	1.584e+05	6.851e+04	3.474e+04
1	8	120	1.68	0.71	1.53	0.85	0.35	1.508e+04	-1.993e+04	7181.46	-1.203e+04	1.463e+04
1	8	121	3.08	1.61	2.83	1.85	0.55	5.800e+04	2289.66	4.793e+04	1.236e+04	2.144e+04
1	8	122	4.48	2.35	4.15	2.68	0.78	9.994e+04	2.021e+04	8.641e+04	3.374e+04	2.993e+04
1	8	123	5.90	3.11	5.46	3.54	1.01	1.432e+05	3.999e+04	1.254e+05	5.777e+04	3.897e+04
1	8	141	20.58	-36.51	-28.12	12.19	-20.21	1.255e+05	9920.12	9.784e+04	3.754e+04	4.928e+04
1	8	142	43.55	-75.01	-55.53	24.06	-43.94	1.307e+05	9829.77	1.055e+05	3.501e+04	4.908e+04
1	8	143	1.33	0.36	1.08	0.61	0.42	4029.56	-2.725e+04	-6576.48	-1.664e+04	1.481e+04
1	8	144	2.37	0.94	1.98	1.33	0.63	3.767e+04	-1.528e+04	2.254e+04	-140.59	2.392e+04
1	8	145	3.47	1.36	2.92	1.91	0.92	7.051e+04	-6413.00	4.950e+04	1.459e+04	3.427e+04
1	8	146	4.56	1.81	3.84	2.53	1.21	1.035e+05	4338.23	7.620e+04	3.163e+04	4.428e+04
1	8	164	26.86	-35.10	-16.16	7.92	-28.54	7.594e+04	-4.081e+04	3.350e+04	1627.53	5.616e+04
1	8	165	55.50	-71.78	-31.48	15.19	-59.21	8.279e+04	-4.292e+04	3.904e+04	829.84	5.988e+04
1	8	166	0.92	-4.51e-02	0.56	0.31	0.47	-8169.87	-3.645e+04	-2.031e+04	-2.430e+04	1.400e+04
1	8	167	1.56	0.16	1.02	0.70	0.68	1.460e+04	-3.632e+04	-5309.49	-1.642e+04	2.485e+04
1	8	168	2.29	0.21	1.50	1.00	1.01	3.688e+04	-3.807e+04	8297.35	-9489.27	3.640e+04
1	8	169	3.01	0.29	1.98	1.31	1.32	5.818e+04	-3.813e+04	2.143e+04	-1388.38	4.679e+04
1	8	187	31.83	-31.83			-31.83	2.237e+04	-9.483e+04	-3.621e+04	-3.625e+04	5.860e+04
1	8	188	65.16	-65.16			-65.16	2.952e+04	-9.766e+04	-3.514e+04	-3.299e+04	6.358e+04
1	8	189	0.48	-0.48			0.48	-2.021e+04	-4.737e+04	-3.366e+04	-3.392e+04	1.358e+04
1	8	190	0.69	-0.69			0.69	-9384.17	-5.969e+04	-3.417e+04	-3.491e+04	2.515e+04
1	8	191	1.04	-1.04			1.04	1621.95	-7.287e+04	-3.491e+04	-3.634e+04	3.724e+04
1	8	192	1.36	-1.36			1.36	1.079e+04	-8.495e+04	-3.589e+04	-3.827e+04	4.785e+04
1	8	210	35.10	-26.86	16.16	-7.92	-28.54	-3.164e+04	-1.484e+05	-1.059e+05	-7.413e+04	5.618e+04
1	8	211	71.78	-55.50	31.48	-15.19	-59.21	-2.563e+04	-1.505e+05	-1.090e+05	-6.710e+04	5.881e+04
1	8	212	4.51e-02	-0.92	-0.56	-0.31	0.47	-3.103e+04	-5.951e+04	-4.703e+04	-4.351e+04	1.413e+04
1	8	213	-0.16	-1.56	-1.02	-0.70	0.68	-3.252e+04	-8.390e+04	-6.313e+04	-5.330e+04	2.521e+04
1	8	214	-0.21	-2.29	-1.50	-1.00	1.01	-3.276e+04	-1.086e+05	-7.831e+04	-6.301e+04	3.712e+04
1	8	215	-0.29	-3.01	-1.98	-1.31	1.32	-3.530e+04	-1.331e+05	-9.353e+04	-7.483e+04	4.797e+04
1	8	233	36.51	-20.58	28.12	-12.19	-20.21	-8.236e+04	-1.979e+05	-1.703e+05	-1.100e+05	4.932e+04
1	8	234	75.01	-43.55	55.53	-24.06	-43.94	-7.882e+04	-1.980e+05	-1.747e+05	-1.021e+05	4.722e+04
1	8	235	-0.36	-1.33	-1.08	-0.61	0.42	-4.015e+04	-7.179e+04	-6.087e+04	-5.107e+04	1.504e+04
1	8	236	-0.94	-2.37	-1.98	-1.33	0.63	-5.338e+04	-1.072e+05	-9.125e+04	-6.930e+04	2.456e+04
1	8	237	-1.36	-3.47	-2.92	-1.91	0.92	-6.404e+04	-1.426e+05	-1.200e+05	-8.656e+04	3.551e+04
1	8	238	-1.81	-4.56	-3.84	-2.53	1.21	-7.715e+04	-1.790e+05	-1.492e+05	-1.070e+05	4.634e+04
1	8	256	36.09	-13.57	33.76	-11.24	-10.50	-1.262e+05	-2.402e+05	-2.246e+05	-1.418e+05	3.910e+04
1	8	257	75.00	-30.50	68.33	-23.83	-25.67	-1.261e+05	-2.371e+05	-2.266e+05	-1.366e+05	3.259e+04

1	8	258	-0.71	-1.68	-1.53	-0.85	0.35	-4.743e+04	-8.288e+04	-7.476e+04	-5.555e+04	1.490e+04
1	8	259	-1.61	-3.08	-2.83	-1.85	0.55	-7.080e+04	-1.276e+05	-1.170e+05	-8.143e+04	2.217e+04
1	8	260	-2.35	-4.48	-4.15	-2.68	0.78	-9.038e+04	-1.723e+05	-1.577e+05	-1.050e+05	3.136e+04
1	8	261	-3.11	-5.90	-5.46	-3.54	1.01	-1.123e+05	-2.192e+05	-1.996e+05	-1.319e+05	4.135e+04
1	8	279	34.25	-6.67	34.00	-6.42	-3.18	-1.601e+05	-2.724e+05	-2.655e+05	-1.669e+05	2.681e+04
1	8	280	72.53	-18.03	71.19	-16.69	-10.94	-1.635e+05	-2.660e+05	-2.624e+05	-1.671e+05	1.888e+04
1	8	281	-0.97	-1.95	-1.88	-1.04	0.25	-5.276e+04	-9.165e+04	-8.720e+04	-5.721e+04	1.238e+04
1	8	282	-2.11	-3.62	-3.50	-2.23	0.41	-8.391e+04	-1.436e+05	-1.382e+05	-8.933e+04	1.716e+04
1	8	283	-3.10	-5.27	-5.11	-3.26	0.56	-1.103e+05	-1.954e+05	-1.881e+05	-1.176e+05	2.382e+04
1	8	284	-4.10	-6.93	-6.72	-4.31	0.74	-1.389e+05	-2.505e+05	-2.406e+05	-1.488e+05	3.166e+04
1	8	302	31.92	-1.15	31.92	-1.15	-3.66e-02	-1.815e+05	-2.925e+05	-2.908e+05	-1.832e+05	1.356e+04
1	8	303	69.31	-8.53	69.20	-8.41	-2.93	-1.878e+05	-2.834e+05	-2.827e+05	-1.885e+05	8207.20
1	8	304	-1.14	-2.12	-2.11	-1.16	0.13	-5.603e+04	-9.725e+04	-9.598e+04	-5.729e+04	7108.60
1	8	305	-2.43	-3.97	-3.93	-2.46	0.22	-9.205e+04	-1.537e+05	-1.523e+05	-9.353e+04	9437.74
1	8	306	-3.57	-5.76	-5.72	-3.61	0.30	-1.227e+05	-2.100e+05	-2.081e+05	-1.247e+05	1.294e+04
1	8	307	-4.72	-7.58	-7.53	-4.78	0.39	-1.555e+05	-2.703e+05	-2.676e+05	-1.581e+05	1.730e+04
1	8	325	30.77	1.08	30.77	1.08		-1.888e+05	-2.994e+05	-2.994e+05	-1.888e+05	
1	8	326	67.77	-4.85	67.77	-4.85		-1.962e+05	-2.892e+05	-2.892e+05	-1.962e+05	
1	8	327	-1.20	-2.18	-2.18	-1.20		-5.713e+04	-9.917e+04	-9.917e+04	-5.713e+04	
1	8	328	-2.54	-4.08	-4.08	-2.54		-9.481e+04	-1.572e+05	-1.572e+05	-9.481e+04	
1	8	329	-3.73	-5.93	-5.93	-3.73		-1.269e+05	-2.150e+05	-2.150e+05	-1.269e+05	
1	8	330	-4.94	-7.80	-7.80	-4.94		-1.611e+05	-2.770e+05	-2.770e+05	-1.611e+05	
1	8	348	31.92	-1.15	31.92	-1.15	3.66e-02	-1.815e+05	-2.925e+05	-2.908e+05	-1.832e+05	-1.356e+04
1	8	349	69.31	-8.53	69.20	-8.41	2.93	-1.878e+05	-2.834e+05	-2.827e+05	-1.885e+05	-8207.20
1	8	350	-1.14	-2.12	-2.11	-1.16	-0.13	-5.603e+04	-9.725e+04	-9.598e+04	-5.729e+04	-7108.60
1	8	351	-2.43	-3.97	-3.93	-2.46	-0.22	-9.205e+04	-1.537e+05	-1.523e+05	-9.353e+04	-9437.74
1	8	352	-3.57	-5.76	-5.72	-3.61	-0.30	-1.227e+05	-2.100e+05	-2.081e+05	-1.247e+05	-1.294e+04
1	8	353	-4.72	-7.58	-7.53	-4.78	-0.39	-1.555e+05	-2.703e+05	-2.676e+05	-1.581e+05	-1.730e+04
1	8	371	34.25	-6.67	34.00	-6.42	3.18	-1.601e+05	-2.724e+05	-2.655e+05	-1.669e+05	-2.681e+04
1	8	372	72.53	-18.03	71.19	-16.69	10.94	-1.635e+05	-2.660e+05	-2.624e+05	-1.671e+05	-1.888e+04
1	8	373	-0.97	-1.95	-1.88	-1.04	-0.25	-5.276e+04	-9.165e+04	-8.720e+04	-5.721e+04	-1.238e+04
1	8	374	-2.11	-3.62	-3.50	-2.23	-0.41	-8.391e+04	-1.436e+05	-1.382e+05	-8.933e+04	-1.716e+04
1	8	375	-3.10	-5.27	-5.11	-3.26	-0.56	-1.103e+05	-1.954e+05	-1.881e+05	-1.176e+05	-2.382e+04
1	8	376	-4.10	-6.93	-6.72	-4.31	-0.74	-1.389e+05	-2.505e+05	-2.406e+05	-1.488e+05	-3.166e+04
1	8	394	36.09	-13.57	33.76	-11.24	10.50	-1.262e+05	-2.402e+05	-2.246e+05	-1.418e+05	-3.910e+04
1	8	395	75.00	-30.50	68.33	-23.83	25.67	-1.261e+05	-2.371e+05	-2.266e+05	-1.366e+05	-3.259e+04
1	8	396	-0.71	-1.68	-1.53	-0.85	-0.35	-4.743e+04	-8.288e+04	-7.476e+04	-5.555e+04	-1.490e+04
1	8	397	-1.61	-3.08	-2.83	-1.85	-0.55	-7.080e+04	-1.276e+05	-1.170e+05	-8.143e+04	-2.217e+04
1	8	398	-2.35	-4.48	-4.15	-2.68	-0.78	-9.038e+04	-1.723e+05	-1.577e+05	-1.050e+05	-3.136e+04
1	8	399	-3.11	-5.90	-5.46	-3.54	-1.01	-1.123e+05	-2.192e+05	-1.996e+05	-1.319e+05	-4.135e+04
1	8	417	36.51	-20.58	28.12	-12.19	20.21	-8.236e+04	-1.979e+05	-1.703e+05	-1.100e+05	-4.932e+04
1	8	418	75.01	-43.55	55.53	-24.06	43.94	-7.882e+04	-1.980e+05	-1.747e+05	-1.021e+05	-4.722e+04
1	8	419	-0.36	-1.33	-1.08	-0.61	-0.42	-4.015e+04	-7.179e+04	-6.087e+04	-5.107e+04	-1.504e+04
1	8	420	-0.94	-2.37	-1.98	-1.33	-0.63	-5.338e+04	-1.072e+05	-9.125e+04	-6.930e+04	-2.456e+04
1	8	421	-1.36	-3.47	-2.92	-1.91	-0.92	-6.404e+04	-1.426e+05	-1.200e+05	-8.656e+04	-3.551e+04
1	8	422	-1.81	-4.56	-3.84	-2.53	-1.21	-7.715e+04	-1.790e+05	-1.492e+05	-1.070e+05	-4.634e+04
1	8	440	35.10	-26.86	16.16	-7.92	28.54	-3.164e+04	-1.484e+05	-1.059e+05	-7.413e+04	-5.618e+04
1	8	441	71.78	-55.50	31.48	-15.19	59.21	-2.563e+04	-1.505e+05	-1.090e+05	-6.710e+04	-5.881e+04
1	8	442	4.51e-02	-0.92	-0.56	-0.31	-0.47	-3.103e+04	-5.951e+04	-4.703e+04	-4.351e+04	-1.413e+04
1	8	443	-0.16	-1.56	-1.02	-0.70	-0.68	-3.252e+04	-8.390e+04	-6.313e+04	-5.330e+04	-2.521e+04
1	8	444	-0.21	-2.29	-1.50	-1.00	-1.01	-3.276e+04	-1.086e+05	-7.831e+04	-6.301e+04	-3.712e+04
1	8	445	-0.29	-3.01	-1.98	-1.31	-1.32	-3.530e+04	-1.331e+05	-9.353e+04	-7.483e+04	-4.797e+04
1	8	463	31.83	-31.83			31.83	2.237e+04	-9.483e+04	-3.621e+04	-3.625e+04	-5.860e+04
1	8	464	65.16	-65.16			65.16	2.952e+04	-9.766e+04	-3.514e+04	-3.299e+04	-6.358e+04
1	8	465	0.48	-0.48			-0.48	-2.021e+04	-4.737e+04	-3.366e+04	-3.392e+04	-1.358e+04
1	8	466	0.69	-0.69			-0.69	-9384.17	-5.969e+04	-3.417e+04	-3.491e+04	-2.515e+04
1	8	467	1.04	-1.04			-1.04	1621.95	-7.287e+04	-3.491e+04	-3.634e+04	-3.724e+04
1	8	468	1.36	-1.36			-1.36	1.079e+04	-8.495e+04	-3.589e+04	-3.827e+04	-4.785e+04
1	8	486	26.86	-35.10	-16.16	7.92	28.54	7.594e+04	-4.081e+04	3.350e+04	1627.53	-5.616e+04
1	8	487	55.50	-71.78	-31.48	15.19	59.21	8.279e+04	-4.292e+04	3.904e+04	829.84	-5.988e+04
1	8	488	0.92	-4.51e-02	0.56	0.31	-0.47	-8169.87	-3.645e+04	-2.031e+04	-2.430e+04	-1.400e+04
1	8	489	1.56	0.16	1.02	0.70	-0.68	1.460e+04	-3.632e+04	-5309.49	-1.642e+04	-2.485e+04
1	8	490	2.29	0.21	1.50	1.00	-1.01	3.688e+04	-3.807e+04	8297.35	-9489.27	-3.640e+04
1	8	491	3.01	0.29	1.98	1.31	-1.32	5.818e+04	-3.813e+04	2.143e+04	-1388.38	-4.679e+04
1	8	509	20.58	-36.51	-28.12	12.19	20.21	1.255e+05	9920.12	9.784e+04	3.754e+04	-4.928e+04
1	8	510	43.55	-75.01	-55.53	24.06	43.94	1.307e+05	9829.77	1.055e+05	3.501e+04	-4.908e+04
1	8	511	1.33	0.36	1.08	0.61	-0.42	4029.56	-2.725e+04	-6576.48	-1.664e+04	-1.481e+04
1	8	512	2.37	0.94	1.98	1.33	-0.63	3.767e+04	-1.528e+04	2.254e+04	-140.59	-2.392e+04
1	8	513	3.47	1.36	2.92	1.91	-0.92	7.051e+04	-6413.00	4.950e+04	1.459e+04	-3.427e+04
1	8	514	4.56	1.81	3.84	2.53	-1.21	1.035e+05	4338.23	7.620e+04	3.163e+04	-4.428e+04
1	8	532	13.57	-36.09	-33.76	11.24	10.50	1.677e+05	5.380e+04	1.522e+05	6.930e+04	-3.905e+04
1	8	533	30.50	-75.00	-68.33	23.83	25.67	1.703e+05	5.664e+04	1.584e+05	6.851e+04	-3.474e+04
1	8	534	1.68	0.71	1.53	0.85	-0.35	1.508e+04	-1.993e+04	7181.46	-1.203e+04	-1.463e+04
1	8	535	3.08	1.61	2.83	1.85	-0.55	5.800e+04	2289.66	4.793e+04	1.236e+04	-2.144e+04
1	8	536	4.48	2.35	4.15	2.68	-0.78	9.994e+04	2.021e+04	8.641e+04	3.374e+04	-2.993e+04
1	8	537	5.90	3.11	5.46	3.54	-1.01	1.432e+05	3.999e+04	1.254e+05	5.777e+04	-3.897e+04
1	8	555	6.67	-34.25	-34.00	6.42	3.18	1.999e+05	8.768e+04	1.931e+05	9.448e+04	-2.677e+04

1	8	556	18.03	-72.53	-71.19	16.69	10.94	1.995e+05	9.370e+04	1.953e+05	9.793e+04	-2.075e+04
1	8	557	1.95	0.97	1.88	1.04	-0.25	2.382e+04	-1.457e+04	1.948e+04	-1.023e+04	-1.215e+04
1	8	558	3.62	2.11	3.50	2.23	-0.41	7.386e+04	1.549e+04	6.874e+04	2.062e+04	-1.652e+04
1	8	559	5.27	3.10	5.11	3.26	-0.56	1.228e+05	4.033e+04	1.161e+05	4.705e+04	-2.257e+04
1	8	560	6.93	4.10	6.72	4.31	-0.74	1.742e+05	6.690e+04	1.652e+05	7.581e+04	-2.960e+04
1	11	1						-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	
1	11	2						-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	
1	11	3						-3.299e+04	-3.514e+04	-3.299e+04	-3.514e+04	
1	11	5						-3.366e+04	-3.392e+04	-3.392e+04	-3.366e+04	
1	11	6						-3.417e+04	-3.491e+04	-3.491e+04	-3.417e+04	
1	11	7						-3.491e+04	-3.634e+04	-3.634e+04	-3.491e+04	
1	11	8						-3.589e+04	-3.827e+04	-3.827e+04	-3.589e+04	
1	11	49						-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	-11.45
1	11	50						-3.299e+04	-3.514e+04	-3.314e+04	-3.500e+04	537.54
1	11	51						-3.366e+04	-3.392e+04	-3.391e+04	-3.367e+04	-67.34
1	11	52						-3.417e+04	-3.491e+04	-3.486e+04	-3.422e+04	-183.58
1	11	53						-3.491e+04	-3.634e+04	-3.625e+04	-3.500e+04	-358.75
1	11	54						-3.589e+04	-3.827e+04	-3.811e+04	-3.605e+04	-594.54
1	11	72						-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	11.45
1	11	73						-3.299e+04	-3.514e+04	-3.314e+04	-3.500e+04	-537.54
1	11	74						-3.366e+04	-3.392e+04	-3.391e+04	-3.367e+04	67.34
1	11	75						-3.417e+04	-3.491e+04	-3.486e+04	-3.422e+04	183.58
1	11	76						-3.491e+04	-3.634e+04	-3.625e+04	-3.500e+04	358.75
1	11	77						-3.589e+04	-3.827e+04	-3.811e+04	-3.605e+04	594.54
1	11	95						-3.621e+04	-3.625e+04	-3.624e+04	-3.622e+04	-19.83
1	11	96						-3.299e+04	-3.514e+04	-3.353e+04	-3.460e+04	931.05
1	11	97						-3.366e+04	-3.392e+04	-3.386e+04	-3.372e+04	-116.64
1	11	98						-3.417e+04	-3.491e+04	-3.472e+04	-3.435e+04	-317.97
1	11	99						-3.491e+04	-3.634e+04	-3.598e+04	-3.527e+04	-621.37
1	11	100						-3.589e+04	-3.827e+04	-3.767e+04	-3.648e+04	-1029.78
1	11	118						-3.621e+04	-3.625e+04	-3.623e+04	-3.623e+04	-22.90
1	11	119						-3.299e+04	-3.514e+04	-3.407e+04	-3.407e+04	1075.09
1	11	120						-3.366e+04	-3.392e+04	-3.379e+04	-3.379e+04	-134.68
1	11	121						-3.417e+04	-3.491e+04	-3.454e+04	-3.454e+04	-367.16
1	11	122						-3.491e+04	-3.634e+04	-3.563e+04	-3.563e+04	-717.50
1	11	123						-3.589e+04	-3.827e+04	-3.708e+04	-3.708e+04	-1189.09
1	11	141						-3.621e+04	-3.625e+04	-3.622e+04	-3.624e+04	-19.83
1	11	142						-3.299e+04	-3.514e+04	-3.460e+04	-3.353e+04	931.05
1	11	143						-3.366e+04	-3.392e+04	-3.372e+04	-3.386e+04	-116.64
1	11	144						-3.417e+04	-3.491e+04	-3.435e+04	-3.472e+04	-317.97
1	11	145						-3.491e+04	-3.634e+04	-3.527e+04	-3.598e+04	-621.37
1	11	146						-3.589e+04	-3.827e+04	-3.648e+04	-3.767e+04	-1029.78
1	11	164						-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	-11.45
1	11	165						-3.299e+04	-3.514e+04	-3.500e+04	-3.314e+04	537.54
1	11	166						-3.366e+04	-3.392e+04	-3.367e+04	-3.391e+04	-67.34
1	11	167						-3.417e+04	-3.491e+04	-3.422e+04	-3.486e+04	-183.58
1	11	168						-3.491e+04	-3.634e+04	-3.500e+04	-3.625e+04	-358.75
1	11	169						-3.589e+04	-3.827e+04	-3.605e+04	-3.811e+04	-594.54
1	11	187						-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	
1	11	188						-3.299e+04	-3.514e+04	-3.514e+04	-3.299e+04	
1	11	189						-3.366e+04	-3.392e+04	-3.366e+04	-3.392e+04	-5.54e-06
1	11	190						-3.417e+04	-3.491e+04	-3.417e+04	-3.491e+04	
1	11	191						-3.491e+04	-3.634e+04	-3.491e+04	-3.634e+04	
1	11	192						-3.589e+04	-3.827e+04	-3.589e+04	-3.827e+04	
1	11	210						-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	11.45
1	11	211						-3.299e+04	-3.514e+04	-3.500e+04	-3.314e+04	-537.54
1	11	212						-3.366e+04	-3.392e+04	-3.367e+04	-3.391e+04	67.34
1	11	213						-3.417e+04	-3.491e+04	-3.422e+04	-3.486e+04	183.58
1	11	214						-3.491e+04	-3.634e+04	-3.500e+04	-3.625e+04	358.75
1	11	215						-3.589e+04	-3.827e+04	-3.605e+04	-3.811e+04	594.54
1	11	233						-3.621e+04	-3.625e+04	-3.622e+04	-3.624e+04	19.83
1	11	234						-3.299e+04	-3.514e+04	-3.460e+04	-3.353e+04	-931.05
1	11	235						-3.366e+04	-3.392e+04	-3.372e+04	-3.386e+04	116.64
1	11	236						-3.417e+04	-3.491e+04	-3.435e+04	-3.472e+04	317.97
1	11	237						-3.491e+04	-3.634e+04	-3.527e+04	-3.598e+04	621.37
1	11	238						-3.589e+04	-3.827e+04	-3.648e+04	-3.767e+04	1029.78
1	11	256						-3.621e+04	-3.625e+04	-3.623e+04	-3.623e+04	22.90
1	11	257						-3.299e+04	-3.514e+04	-3.407e+04	-3.407e+04	-1075.09
1	11	258						-3.366e+04	-3.392e+04	-3.379e+04	-3.379e+04	134.68
1	11	259						-3.417e+04	-3.491e+04	-3.454e+04	-3.454e+04	367.16
1	11	260						-3.491e+04	-3.634e+04	-3.563e+04	-3.563e+04	717.50
1	11	261						-3.589e+04	-3.827e+04	-3.708e+04	-3.708e+04	1189.09
1	11	279						-3.621e+04	-3.625e+04	-3.624e+04	-3.622e+04	19.83
1	11	280						-3.299e+04	-3.514e+04	-3.353e+04	-3.460e+04	-931.05
1	11	281						-3.366e+04	-3.392e+04	-3.386e+04	-3.372e+04	116.64
1	11	282						-3.417e+04	-3.491e+04	-3.472e+04	-3.435e+04	317.97
1	11	283						-3.491e+04	-3.634e+04	-3.598e+04	-3.527e+04	621.37

1	11	284					-3.589e+04	-3.827e+04	-3.767e+04	-3.648e+04	1029.78
1	11	302					-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	11.45
1	11	303					-3.299e+04	-3.514e+04	-3.314e+04	-3.500e+04	-537.54
1	11	304					-3.366e+04	-3.392e+04	-3.391e+04	-3.367e+04	67.34
1	11	305					-3.417e+04	-3.491e+04	-3.486e+04	-3.422e+04	183.58
1	11	306					-3.491e+04	-3.634e+04	-3.625e+04	-3.500e+04	358.75
1	11	307					-3.589e+04	-3.827e+04	-3.811e+04	-3.605e+04	594.54
1	11	325					-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	
1	11	326					-3.299e+04	-3.514e+04	-3.299e+04	-3.514e+04	
1	11	327					-3.366e+04	-3.392e+04	-3.392e+04	-3.366e+04	
1	11	328					-3.417e+04	-3.491e+04	-3.491e+04	-3.417e+04	
1	11	329					-3.491e+04	-3.634e+04	-3.634e+04	-3.491e+04	
1	11	330					-3.589e+04	-3.827e+04	-3.827e+04	-3.589e+04	
1	11	348					-3.621e+04	-3.625e+04	-3.625e+04	-3.621e+04	-11.45
1	11	349					-3.299e+04	-3.514e+04	-3.314e+04	-3.500e+04	537.54
1	11	350					-3.366e+04	-3.392e+04	-3.391e+04	-3.367e+04	-67.34
1	11	351					-3.417e+04	-3.491e+04	-3.486e+04	-3.422e+04	-183.58
1	11	352					-3.491e+04	-3.634e+04	-3.625e+04	-3.500e+04	-358.75
1	11	353					-3.589e+04	-3.827e+04	-3.811e+04	-3.605e+04	-594.54
1	11	371					-3.621e+04	-3.625e+04	-3.624e+04	-3.622e+04	-19.83
1	11	372					-3.299e+04	-3.514e+04	-3.353e+04	-3.460e+04	931.05
1	11	373					-3.366e+04	-3.392e+04	-3.386e+04	-3.372e+04	-116.64
1	11	374					-3.417e+04	-3.491e+04	-3.472e+04	-3.435e+04	-317.97
1	11	375					-3.491e+04	-3.634e+04	-3.598e+04	-3.527e+04	-621.37
1	11	376					-3.589e+04	-3.827e+04	-3.767e+04	-3.648e+04	-1029.78
1	11	394					-3.621e+04	-3.625e+04	-3.623e+04	-3.623e+04	-22.90
1	11	395					-3.299e+04	-3.514e+04	-3.407e+04	-3.407e+04	1075.09
1	11	396					-3.366e+04	-3.392e+04	-3.379e+04	-3.379e+04	-134.68
1	11	397					-3.417e+04	-3.491e+04	-3.454e+04	-3.454e+04	-367.16
1	11	398					-3.491e+04	-3.634e+04	-3.563e+04	-3.563e+04	-717.50
1	11	399					-3.589e+04	-3.827e+04	-3.708e+04	-3.708e+04	-1189.09
1	11	417					-3.621e+04	-3.625e+04	-3.622e+04	-3.624e+04	-19.83
1	11	418					-3.299e+04	-3.514e+04	-3.460e+04	-3.353e+04	931.05
1	11	419					-3.366e+04	-3.392e+04	-3.372e+04	-3.386e+04	-116.64
1	11	420					-3.417e+04	-3.491e+04	-3.435e+04	-3.472e+04	-317.97
1	11	421					-3.491e+04	-3.634e+04	-3.527e+04	-3.598e+04	-621.37
1	11	422					-3.589e+04	-3.827e+04	-3.648e+04	-3.767e+04	-1029.78
1	11	440					-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	-11.45
1	11	441					-3.299e+04	-3.514e+04	-3.500e+04	-3.314e+04	537.54
1	11	442					-3.366e+04	-3.392e+04	-3.367e+04	-3.391e+04	-67.34
1	11	443					-3.417e+04	-3.491e+04	-3.422e+04	-3.486e+04	-183.58
1	11	444					-3.491e+04	-3.634e+04	-3.500e+04	-3.625e+04	-358.75
1	11	445					-3.589e+04	-3.827e+04	-3.605e+04	-3.811e+04	-594.54
1	11	463					-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	
1	11	464					-3.299e+04	-3.514e+04	-3.514e+04	-3.299e+04	
1	11	465					-3.366e+04	-3.392e+04	-3.366e+04	-3.392e+04	5.54e-06
1	11	466					-3.417e+04	-3.491e+04	-3.417e+04	-3.491e+04	
1	11	467					-3.491e+04	-3.634e+04	-3.491e+04	-3.634e+04	
1	11	468					-3.589e+04	-3.827e+04	-3.589e+04	-3.827e+04	
1	11	486					-3.621e+04	-3.625e+04	-3.621e+04	-3.625e+04	11.45
1	11	487					-3.299e+04	-3.514e+04	-3.500e+04	-3.314e+04	-537.54
1	11	488					-3.366e+04	-3.392e+04	-3.367e+04	-3.391e+04	67.34
1	11	489					-3.417e+04	-3.491e+04	-3.422e+04	-3.486e+04	183.58
1	11	490					-3.491e+04	-3.634e+04	-3.500e+04	-3.625e+04	358.75
1	11	491					-3.589e+04	-3.827e+04	-3.605e+04	-3.811e+04	594.54
1	11	509					-3.621e+04	-3.625e+04	-3.622e+04	-3.624e+04	19.83
1	11	510					-3.299e+04	-3.514e+04	-3.460e+04	-3.353e+04	-931.05
1	11	511					-3.366e+04	-3.392e+04	-3.372e+04	-3.386e+04	116.64
1	11	512					-3.417e+04	-3.491e+04	-3.435e+04	-3.472e+04	317.97
1	11	513					-3.491e+04	-3.634e+04	-3.527e+04	-3.598e+04	621.37
1	11	514					-3.589e+04	-3.827e+04	-3.648e+04	-3.767e+04	1029.78
1	11	532					-3.621e+04	-3.625e+04	-3.623e+04	-3.623e+04	22.90
1	11	533					-3.299e+04	-3.514e+04	-3.407e+04	-3.407e+04	-1075.09
1	11	534					-3.366e+04	-3.392e+04	-3.379e+04	-3.379e+04	134.68
1	11	535					-3.417e+04	-3.491e+04	-3.454e+04	-3.454e+04	367.16
1	11	536					-3.491e+04	-3.634e+04	-3.563e+04	-3.563e+04	717.50
1	11	537					-3.589e+04	-3.827e+04	-3.708e+04	-3.708e+04	1189.09
1	11	555					-3.621e+04	-3.625e+04	-3.624e+04	-3.622e+04	19.83
1	11	556					-3.299e+04	-3.514e+04	-3.353e+04	-3.460e+04	-931.05
1	11	557					-3.366e+04	-3.392e+04	-3.386e+04	-3.372e+04	116.64
1	11	558					-3.417e+04	-3.491e+04	-3.472e+04	-3.435e+04	317.97
1	11	559					-3.491e+04	-3.634e+04	-3.598e+04	-3.527e+04	621.37
1	11	560					-3.589e+04	-3.827e+04	-3.767e+04	-3.648e+04	1029.78

M_G		N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			-562.60	-533.91	-180.48	-488.73		-2.020e+06	-2.020e+06	-1.253e+06	-4.769e+05
		562.60		533.91	180.48	488.73	1.926e+06		1.926e+06	1.162e+06	4.769e+05

Macro	Tipo	Angolo 1-X (gradi)
2	**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
2	1	3	18.95	-487.58	-487.58	18.95		1.318e+06	7.895e+05	1.318e+06	7.895e+05	
2	1	9	74.22	-476.52	-476.52	74.22		1.321e+06	8.040e+05	1.321e+06	8.040e+05	
2	1	50	34.59	-487.25	-483.55	30.90	-43.74	1.297e+06	7.369e+05	1.295e+06	7.384e+05	2.814e+04
2	1	55	86.74	-475.34	-470.02	81.42	-54.42	1.300e+06	7.498e+05	1.299e+06	7.509e+05	2.412e+04
2	1	73	34.59	-487.25	-483.55	30.90	43.74	1.297e+06	7.369e+05	1.295e+06	7.384e+05	-2.814e+04
2	1	78	86.74	-475.34	-470.02	81.42	54.42	1.300e+06	7.498e+05	1.299e+06	7.509e+05	-2.412e+04
2	1	96	77.85	-483.69	-464.38	58.54	-102.31	1.228e+06	5.899e+05	1.215e+06	6.021e+05	8.742e+04
2	1	101	121.76	-470.17	-445.24	96.83	-118.89	1.233e+06	5.992e+05	1.223e+06	6.099e+05	8.167e+04
2	1	119	140.12	-471.49	-413.57	82.20	-179.09	1.102e+06	3.715e+05	1.051e+06	4.232e+05	1.874e+05
2	1	124	172.98	-457.45	-390.12	105.65	-194.72	1.110e+06	3.765e+05	1.061e+06	4.256e+05	1.832e+05
2	1	142	211.79	-446.10	-316.76	82.45	-261.46	9.196e+05	1.063e+05	7.791e+05	2.468e+05	3.074e+05
2	1	147	232.78	-433.93	-294.66	93.50	-271.04	9.276e+05	1.074e+05	7.893e+05	2.457e+05	3.071e+05
2	1	165	284.26	-405.55	-173.18	51.90	-326.03	6.863e+05	-1.821e+05	4.058e+05	9.848e+04	4.061e+05
2	1	170	293.97	-398.10	-159.65	55.52	-328.89	6.939e+05	-1.844e+05	4.125e+05	9.693e+04	4.098e+05
2	1	188	350.56	-350.56			-350.56	4.159e+05	-4.714e+05	-2.993e+04	-2.553e+04	4.437e+05
2	1	193	350.56	-350.56			-350.56	4.219e+05	-4.764e+05	-2.915e+04	-2.538e+04	4.491e+05
2	1	211	405.55	-284.26	173.18	-51.90	-326.03	1.259e+05	-7.411e+05	-4.651e+05	-1.501e+05	4.039e+05
2	1	216	398.10	-293.97	159.65	-55.52	-328.89	1.293e+05	-7.478e+05	-4.703e+05	-1.482e+05	4.079e+05
2	1	234	446.10	-211.79	316.76	-82.45	-261.46	-1.632e+05	-9.736e+05	-8.368e+05	-3.000e+05	3.036e+05
2	1	239	433.93	-232.78	294.66	-93.50	-271.04	-1.631e+05	-9.810e+05	-8.457e+05	-2.984e+05	3.039e+05
2	1	257	471.49	-140.12	413.57	-82.20	-179.09	-4.292e+05	-1.156e+06	-1.106e+06	-4.786e+05	1.830e+05
2	1	262	457.45	-172.98	390.12	-105.65	-194.72	-4.329e+05	-1.162e+06	-1.115e+06	-4.801e+05	1.794e+05
2	1	280	483.69	-77.85	464.38	-58.54	-102.31	-6.485e+05	-1.280e+06	-1.269e+06	-6.598e+05	8.361e+04
2	1	285	470.17	-121.76	445.24	-96.83	-118.89	-6.563e+05	-1.285e+06	-1.275e+06	-6.663e+05	7.841e+04
2	1	303	487.25	-34.59	483.55	-30.90	-43.74	-7.964e+05	-1.348e+06	-1.347e+06	-7.976e+05	2.595e+04
2	1	308	475.34	-86.74	470.02	-81.42	-54.42	-8.078e+05	-1.352e+06	-1.351e+06	-8.087e+05	2.223e+04
2	1	326	487.58	-18.95	487.58	-18.95		-8.494e+05	-1.369e+06	-1.369e+06	-8.494e+05	
2	1	331	476.52	-74.22	476.52	-74.22		-8.623e+05	-1.371e+06	-1.371e+06	-8.623e+05	
2	1	349	487.25	-34.59	483.55	-30.90	43.74	-7.964e+05	-1.348e+06	-1.347e+06	-7.976e+05	-2.595e+04
2	1	354	475.34	-86.74	470.02	-81.42	54.42	-8.078e+05	-1.352e+06	-1.351e+06	-8.087e+05	-2.223e+04
2	1	372	483.69	-77.85	464.38	-58.54	102.31	-6.485e+05	-1.280e+06	-1.269e+06	-6.598e+05	-8.361e+04
2	1	377	470.17	-121.76	445.24	-96.83	118.89	-6.563e+05	-1.285e+06	-1.275e+06	-6.663e+05	-7.841e+04
2	1	395	471.49	-140.12	413.57	-82.20	179.09	-4.292e+05	-1.156e+06	-1.106e+06	-4.786e+05	-1.830e+05
2	1	400	457.45	-172.98	390.12	-105.65	194.72	-4.329e+05	-1.162e+06	-1.115e+06	-4.801e+05	-1.794e+05
2	1	418	446.10	-211.79	316.76	-82.45	261.46	-1.632e+05	-9.736e+05	-8.368e+05	-3.000e+05	-3.036e+05
2	1	423	433.93	-232.78	294.66	-93.50	271.04	-1.631e+05	-9.810e+05	-8.457e+05	-2.984e+05	-3.039e+05
2	1	441	405.55	-284.26	173.18	-51.90	326.03	1.259e+05	-7.411e+05	-4.651e+05	-1.501e+05	-4.039e+05
2	1	446	398.10	-293.97	159.65	-55.52	328.89	1.293e+05	-7.478e+05	-4.703e+05	-1.482e+05	-4.079e+05
2	1	464	350.56	-350.56			350.56	4.159e+05	-4.714e+05	-2.993e+04	-2.553e+04	-4.437e+05
2	1	469	350.56	-350.56			350.56	4.219e+05	-4.764e+05	-2.915e+04	-2.538e+04	-4.491e+05
2	1	487	284.26	-405.55	-173.18	51.90	326.03	6.863e+05	-1.821e+05	4.058e+05	9.848e+04	-4.061e+05
2	1	492	293.97	-398.10	-159.65	55.52	328.89	6.939e+05	-1.844e+05	4.125e+05	9.693e+04	-4.098e+05
2	1	510	211.79	-446.10	-316.76	82.45	261.46	9.196e+05	1.063e+05	7.791e+05	2.468e+05	-3.074e+05
2	1	515	232.78	-433.93	-294.66	93.50	271.04	9.276e+05	1.074e+05	7.893e+05	2.457e+05	-3.071e+05
2	1	533	140.12	-471.49	-413.57	82.20	179.09	1.102e+06	3.715e+05	1.051e+06	4.232e+05	-1.874e+05
2	1	538	172.98	-457.45	-390.12	105.65	194.72	1.110e+06	3.765e+05	1.061e+06	4.256e+05	-1.832e+05
2	1	556	77.85	-483.69	-464.38	58.54	102.31	1.228e+06	5.899e+05	1.215e+06	6.021e+05	-8.742e+04
2	1	561	121.76	-470.17	-445.24	96.83	118.89	1.233e+06	5.992e+05	1.223e+06	6.099e+05	-8.167e+04
2	5	3	12.64	-325.05	-325.05	12.64		8.758e+05	5.233e+05	8.758e+05	5.233e+05	
2	5	9	49.48	-317.68	-317.68	49.48		8.778e+05	5.330e+05	8.778e+05	5.330e+05	
2	5	50	23.06	-324.83	-322.37	20.60	-29.16	8.617e+05	4.882e+05	8.608e+05	4.892e+05	1.887e+04
2	5	55	57.82	-316.89	-313.34	54.28	-36.28	8.644e+05	4.969e+05	8.636e+05	4.976e+05	1.618e+04
2	5	73	23.06	-324.83	-322.37	20.60	29.16	8.617e+05	4.882e+05	8.608e+05	4.892e+05	-1.887e+04
2	5	78	57.82	-316.89	-313.34	54.28	36.28	8.644e+05	4.969e+05	8.636e+05	4.976e+05	-1.618e+04
2	5	96	51.90	-322.46	-309.59	39.03	-68.21	8.157e+05	3.903e+05	8.075e+05	3.985e+05	5.847e+04
2	5	101	81.17	-313.45	-296.83	64.55	-79.26	8.196e+05	3.965e+05	8.125e+05	4.037e+05	5.461e+04
2	5	119	93.42	-314.33	-275.71	54.80	-119.39	7.321e+05	2.447e+05	6.975e+05	2.793e+05	1.251e+05
2	5	124	115.32	-304.97	-260.08	70.43	-129.81	7.372e+05	2.481e+05	7.044e+05	2.809e+05	1.223e+05
2	5	142	141.19	-297.40	-211.17	54.97	-174.31	6.103e+05	6.795e+04	5.164e+05	1.618e+05	2.051e+05
2	5	147	155.19	-289.29	-196.44	62.33	-180.69	6.157e+05	6.872e+04	5.233e+05	1.611e+05	2.049e+05
2	5	165	189.51	-270.36	-115.46	34.60	-217.35	4.548e+05	-1.243e+05	2.675e+05	6.299e+04	2.709e+05
2	5	170	195.98	-265.40	-106.43	37.02	-219.26	4.598e+05	-1.258e+05	2.721e+05	6.198e+04	2.733e+05
2	5	188	233.71	-233.71			-233.71	2.744e+05	-3.171e+05	-2.303e+04	-1.965e+04	2.958e+05
2	5	193	233.71	-233.71			-233.71	2.784e+05	-3.204e+05	-2.242e+04	-1.953e+04	2.994e+05
2	5	211	270.36	-189.51	115.46	-34.60	-217.35	8.106e+04	-4.969e+05	-3.131e+05	-1.027e+05	2.692e+05
2	5	216	265.40	-195.98	106.43	-37.02	-219.26	8.339e+04	-5.013e+05	-3.165e+05	-1.014e+05	2.719e+05

2	5	234	297.40	-141.19	211.17	-54.97	-174.31	-1.117e+05	-6.519e+05	-5.608e+05	-2.028e+05	2.022e+05
2	5	239	289.29	-155.19	196.44	-62.33	-180.69	-1.116e+05	-6.567e+05	-5.667e+05	-2.016e+05	2.024e+05
2	5	257	314.33	-93.42	275.71	-54.80	-119.39	-2.891e+05	-7.731e+05	-7.402e+05	-3.219e+05	1.218e+05
2	5	262	304.97	-115.32	260.08	-70.43	-129.81	-2.915e+05	-7.777e+05	-7.463e+05	-3.229e+05	1.194e+05
2	5	280	322.46	-51.90	309.59	-39.03	-68.21	-4.354e+05	-8.559e+05	-8.485e+05	-4.428e+05	5.554e+04
2	5	285	313.45	-81.17	296.83	-64.55	-79.26	-4.405e+05	-8.596e+05	-8.530e+05	-4.471e+05	5.211e+04
2	5	303	324.83	-23.06	322.37	-20.60	-29.16	-5.340e+05	-9.013e+05	-9.005e+05	-5.348e+05	1.719e+04
2	5	308	316.89	-57.82	313.34	-54.28	-36.28	-5.415e+05	-9.037e+05	-9.031e+05	-5.421e+05	1.473e+04
2	5	326	325.05	-12.64	325.05	-12.64		-5.693e+05	-9.151e+05	-9.151e+05	-5.693e+05	
2	5	331	317.68	-49.48	317.68	-49.48		-5.778e+05	-9.168e+05	-9.168e+05	-5.778e+05	
2	5	349	324.83	-23.06	322.37	-20.60	29.16	-5.340e+05	-9.013e+05	-9.005e+05	-5.348e+05	-1.719e+04
2	5	354	316.89	-57.82	313.34	-54.28	36.28	-5.415e+05	-9.037e+05	-9.031e+05	-5.421e+05	-1.473e+04
2	5	372	322.46	-51.90	309.59	-39.03	68.21	-4.354e+05	-8.559e+05	-8.485e+05	-4.428e+05	-5.554e+04
2	5	377	313.45	-81.17	296.83	-64.55	79.26	-4.405e+05	-8.596e+05	-8.530e+05	-4.471e+05	-5.211e+04
2	5	395	314.33	-93.42	275.71	-54.80	119.39	-2.891e+05	-7.731e+05	-7.402e+05	-3.219e+05	-1.218e+05
2	5	400	304.97	-115.32	260.08	-70.43	129.81	-2.915e+05	-7.777e+05	-7.463e+05	-3.229e+05	-1.194e+05
2	5	418	297.40	-141.19	211.17	-54.97	174.31	-1.117e+05	-6.519e+05	-5.608e+05	-2.028e+05	-2.022e+05
2	5	423	289.29	-155.19	196.44	-62.33	180.69	-1.116e+05	-6.567e+05	-5.667e+05	-2.016e+05	-2.024e+05
2	5	441	270.36	-189.51	115.46	-34.60	217.35	8.106e+04	-4.969e+05	-3.131e+05	-1.027e+05	-2.692e+05
2	5	446	265.40	-195.98	106.43	-37.02	219.26	8.339e+04	-5.013e+05	-3.165e+05	-1.014e+05	-2.719e+05
2	5	464	233.71	-233.71			233.71	2.744e+05	-3.171e+05	-2.303e+04	-1.965e+04	-2.958e+05
2	5	469	233.71	-233.71			233.71	2.784e+05	-3.204e+05	-2.242e+04	-1.953e+04	-2.994e+05
2	5	487	189.51	-270.36	-115.46	34.60	217.35	4.548e+05	-1.243e+05	2.675e+05	6.299e+04	-2.709e+05
2	5	492	195.98	-265.40	-106.43	37.02	219.26	4.598e+05	-1.258e+05	2.721e+05	6.198e+04	-2.733e+05
2	5	510	141.19	-297.40	-211.17	54.97	174.31	6.103e+05	6.795e+04	5.164e+05	1.618e+05	-2.051e+05
2	5	515	155.19	-289.29	-196.44	62.33	180.69	6.157e+05	6.872e+04	5.233e+05	1.611e+05	-2.049e+05
2	5	533	93.42	-314.33	-275.71	54.80	119.39	7.321e+05	2.447e+05	6.975e+05	2.793e+05	-1.251e+05
2	5	538	115.32	-304.97	-260.08	70.43	129.81	7.372e+05	2.481e+05	7.044e+05	2.809e+05	-1.223e+05
2	5	556	51.90	-322.46	-309.59	39.03	68.21	8.157e+05	3.903e+05	8.075e+05	3.985e+05	-5.847e+04
2	5	561	81.17	-313.45	-296.83	64.55	79.26	8.196e+05	3.965e+05	8.125e+05	4.037e+05	-5.461e+04
2	8	3	2.53	-65.01	-65.01	2.53		1.594e+05	8.621e+04	1.594e+05	8.621e+04	
2	8	9	9.90	-63.54	-63.54	9.90		1.599e+05	8.863e+04	1.599e+05	8.863e+04	
2	8	50	4.61	-64.97	-64.47	4.12	-5.83	1.565e+05	7.931e+04	1.562e+05	7.957e+04	4442.49
2	8	55	11.56	-63.38	-62.67	10.86	-7.26	1.571e+05	8.152e+04	1.569e+05	8.171e+04	3807.20
2	8	73	4.61	-64.97	-64.47	4.12	5.83	1.565e+05	7.931e+04	1.562e+05	7.957e+04	-4442.49
2	8	78	11.56	-63.38	-62.67	10.86	7.26	1.571e+05	8.152e+04	1.569e+05	8.171e+04	-3807.20
2	8	96	10.38	-64.49	-61.92	7.81	-13.64	1.470e+05	5.997e+04	1.451e+05	6.191e+04	1.285e+04
2	8	101	16.23	-62.69	-59.37	12.91	-15.85	1.479e+05	6.166e+04	1.462e+05	6.334e+04	1.191e+04
2	8	119	18.68	-62.87	-55.14	10.96	-23.88	1.300e+05	3.113e+04	1.224e+05	3.874e+04	2.636e+04
2	8	124	23.06	-60.99	-52.02	14.09	-25.96	1.312e+05	3.222e+04	1.240e+05	3.936e+04	2.561e+04
2	8	142	28.24	-59.48	-42.23	10.99	-34.86	1.054e+05	-3975.87	8.551e+04	1.591e+04	4.218e+04
2	8	147	31.04	-57.86	-39.29	12.47	-36.14	1.067e+05	-3456.48	8.726e+04	1.597e+04	4.198e+04
2	8	165	37.90	-54.07	-23.09	6.92	-43.47	7.407e+04	-4.220e+04	3.523e+04	-3357.25	5.484e+04
2	8	170	39.20	-53.08	-21.29	7.40	-43.85	7.533e+04	-4.217e+04	3.659e+04	-3438.35	5.523e+04
2	8	188	46.74	-46.74			-46.74	3.780e+04	-8.056e+04	-2.305e+04	-1.971e+04	5.915e+04
2	8	193	46.74	-46.74			-46.74	3.888e+04	-8.092e+04	-2.246e+04	-1.959e+04	5.988e+04
2	8	211	54.07	-37.90	23.09	-6.92	-43.47	-1085.62	-1.163e+05	-8.089e+04	-3.651e+04	5.317e+04
2	8	216	53.08	-39.20	21.29	-7.40	-43.85	-305.08	-1.169e+05	-8.112e+04	-3.612e+04	5.380e+04
2	8	234	59.48	-28.24	42.23	-10.99	-34.86	-3.986e+04	-1.471e+05	-1.299e+05	-5.700e+04	3.929e+04
2	8	239	57.86	-31.04	39.29	-12.47	-36.14	-3.948e+04	-1.478e+05	-1.307e+05	-5.658e+04	3.949e+04
2	8	257	62.87	-18.68	55.14	-10.96	-23.88	-7.559e+04	-1.711e+05	-1.652e+05	-8.150e+04	2.302e+04
2	8	262	60.99	-23.06	52.02	-14.09	-25.96	-7.568e+04	-1.718e+05	-1.661e+05	-8.140e+04	2.274e+04
2	8	280	64.49	-10.38	61.92	-7.81	-13.64	-1.051e+05	-1.874e+05	-1.861e+05	-1.063e+05	9952.58
2	8	285	62.69	-16.23	59.37	-12.91	-15.85	-1.057e+05	-1.879e+05	-1.868e+05	-1.068e+05	9430.11
2	8	303	64.97	-4.61	64.47	-4.12	-5.83	-1.251e+05	-1.962e+05	-1.961e+05	-1.252e+05	2769.55
2	8	308	63.38	-11.56	62.67	-10.86	-7.26	-1.262e+05	-1.965e+05	-1.965e+05	-1.262e+05	2373.25
2	8	326	65.01	-2.53	65.01	-2.53		-1.323e+05	-1.988e+05	-1.988e+05	-1.323e+05	
2	8	331	63.54	-9.90	63.54	-9.90		-1.335e+05	-1.991e+05	-1.991e+05	-1.335e+05	
2	8	349	64.97	-4.61	64.47	-4.12	5.83	-1.251e+05	-1.962e+05	-1.961e+05	-1.252e+05	-2769.55
2	8	354	63.38	-11.56	62.67	-10.86	7.26	-1.262e+05	-1.965e+05	-1.965e+05	-1.262e+05	-2373.25
2	8	372	64.49	-10.38	61.92	-7.81	13.64	-1.051e+05	-1.874e+05	-1.861e+05	-1.063e+05	-9952.58
2	8	377	62.69	-16.23	59.37	-12.91	15.85	-1.057e+05	-1.879e+05	-1.868e+05	-1.068e+05	-9430.11
2	8	395	62.87	-18.68	55.14	-10.96	23.88	-7.559e+04	-1.711e+05	-1.652e+05	-8.150e+04	-2.302e+04
2	8	400	60.99	-23.06	52.02	-14.09	25.96	-7.568e+04	-1.718e+05	-1.661e+05	-8.140e+04	-2.274e+04
2	8	418	59.48	-28.24	42.23	-10.99	34.86	-3.986e+04	-1.471e+05	-1.299e+05	-5.700e+04	-3.929e+04
2	8	423	57.86	-31.04	39.29	-12.47	36.14	-3.948e+04	-1.478e+05	-1.307e+05	-5.658e+04	-3.949e+04
2	8	441	54.07	-37.90	23.09	-6.92	43.47	-1085.62	-1.163e+05	-8.089e+04	-3.651e+04	-5.317e+04
2	8	446	53.08	-39.20	21.29	-7.40	43.85	-305.08	-1.169e+05	-8.112e+04	-3.612e+04	-5.380e+04
2	8	464	46.74	-46.74			46.74	3.780e+04	-8.056e+04	-2.305e+04	-1.971e+04	-5.915e+04
2	8	469	46.74	-46.74			46.74	3.888e+04	-8.092e+04	-2.246e+04	-1.959e+04	-5.988e+04
2	8	487	37.90	-54.07	-23.09	6.92	43.47	7.407e+04	-4.220e+04	3.523e+04	-3357.25	-5.484e+04
2	8	492	39.20	-53.08	-21.29	7.40	43.85	7.533e+04	-4.217e+04	3.659e+04	-3438.35	-5.523e+04
2	8	510	28.24	-59.48	-42.23	10.99	34.86	1.054e+05	-3975.87	8.551e+04	1.591e+04	-4.218e+04
2	8	515	31.04	-57.86	-39.29	12.47	36.14	1.067e+05	-3456.48	8.726e+04	1.597e+04	-4.198e+04
2	8	533	18.68	-62.87	-55.14	10.96	23.88	1.300e+05	3.113e+04	1.224e+05	3.874e+04	-2.636e+04
2	8	538	23.06	-60.99	-52.02	14.09	25.96	1.312e+05	3.222e+04	1.240e+05	3.936e+04	-2.561e+04
2	8	556	10.38	-64.49	-61.92	7.81	13.64	1.470e+05	5.997e+04	1.451e+05	6.191e+04	-1.285e+04

2	8	561	16.23	-62.69	-59.37	12.91	15.85	1.479e+05	6.166e+04	1.462e+05	6.334e+04	-1.191e+04
2	11	3						-1.971e+04	-2.305e+04	-1.971e+04	-2.305e+04	
2	11	9						-1.959e+04	-2.246e+04	-1.959e+04	-2.246e+04	
2	11	50						-1.971e+04	-2.305e+04	-1.993e+04	-2.283e+04	836.47
2	11	55						-1.959e+04	-2.246e+04	-1.978e+04	-2.226e+04	716.98
2	11	73						-1.971e+04	-2.305e+04	-1.993e+04	-2.283e+04	-836.47
2	11	78						-1.959e+04	-2.246e+04	-1.978e+04	-2.226e+04	-716.98
2	11	96						-1.971e+04	-2.305e+04	-2.054e+04	-2.222e+04	1448.81
2	11	101						-1.959e+04	-2.246e+04	-2.030e+04	-2.174e+04	1241.84
2	11	119						-1.971e+04	-2.305e+04	-2.138e+04	-2.138e+04	1672.95
2	11	124						-1.959e+04	-2.246e+04	-2.102e+04	-2.102e+04	1433.95
2	11	142						-1.971e+04	-2.305e+04	-2.222e+04	-2.054e+04	1448.81
2	11	147						-1.959e+04	-2.246e+04	-2.174e+04	-2.030e+04	1241.84
2	11	165						-1.971e+04	-2.305e+04	-2.283e+04	-1.993e+04	836.47
2	11	170						-1.959e+04	-2.246e+04	-2.226e+04	-1.978e+04	716.97
2	11	188						-1.971e+04	-2.305e+04	-2.305e+04	-1.971e+04	
2	11	193						-1.959e+04	-2.246e+04	-2.246e+04	-1.959e+04	
2	11	211						-1.971e+04	-2.305e+04	-2.283e+04	-1.993e+04	-836.47
2	11	216						-1.959e+04	-2.246e+04	-2.226e+04	-1.978e+04	-716.97
2	11	234						-1.971e+04	-2.305e+04	-2.222e+04	-2.054e+04	-1448.81
2	11	239						-1.959e+04	-2.246e+04	-2.174e+04	-2.030e+04	-1241.84
2	11	257						-1.971e+04	-2.305e+04	-2.138e+04	-2.138e+04	-1672.95
2	11	262						-1.959e+04	-2.246e+04	-2.102e+04	-2.102e+04	-1433.95
2	11	280						-1.971e+04	-2.305e+04	-2.054e+04	-2.222e+04	-1448.81
2	11	285						-1.959e+04	-2.246e+04	-2.030e+04	-2.174e+04	-1241.84
2	11	303						-1.971e+04	-2.305e+04	-1.993e+04	-2.283e+04	-836.47
2	11	308						-1.959e+04	-2.246e+04	-1.978e+04	-2.226e+04	-716.98
2	11	326						-1.971e+04	-2.305e+04	-1.971e+04	-2.305e+04	
2	11	331						-1.959e+04	-2.246e+04	-1.959e+04	-2.246e+04	
2	11	349						-1.971e+04	-2.305e+04	-1.993e+04	-2.283e+04	836.47
2	11	354						-1.959e+04	-2.246e+04	-1.978e+04	-2.226e+04	716.98
2	11	372						-1.971e+04	-2.305e+04	-2.054e+04	-2.222e+04	1448.81
2	11	377						-1.959e+04	-2.246e+04	-2.030e+04	-2.174e+04	1241.84
2	11	395						-1.971e+04	-2.305e+04	-2.138e+04	-2.138e+04	1672.95
2	11	400						-1.959e+04	-2.246e+04	-2.102e+04	-2.102e+04	1433.95
2	11	418						-1.971e+04	-2.305e+04	-2.222e+04	-2.054e+04	1448.81
2	11	423						-1.959e+04	-2.246e+04	-2.174e+04	-2.030e+04	1241.84
2	11	441						-1.971e+04	-2.305e+04	-2.283e+04	-1.993e+04	836.47
2	11	446						-1.959e+04	-2.246e+04	-2.226e+04	-1.978e+04	716.97
2	11	464						-1.971e+04	-2.305e+04	-2.305e+04	-1.971e+04	
2	11	469						-1.959e+04	-2.246e+04	-2.246e+04	-1.959e+04	
2	11	487						-1.971e+04	-2.305e+04	-2.283e+04	-1.993e+04	-836.47
2	11	492						-1.959e+04	-2.246e+04	-2.226e+04	-1.978e+04	-716.97
2	11	510						-1.971e+04	-2.305e+04	-2.222e+04	-2.054e+04	-1448.81
2	11	515						-1.959e+04	-2.246e+04	-2.174e+04	-2.030e+04	-1241.84
2	11	533						-1.971e+04	-2.305e+04	-2.138e+04	-2.138e+04	-1672.95
2	11	538						-1.959e+04	-2.246e+04	-2.102e+04	-2.102e+04	-1433.95
2	11	556						-1.971e+04	-2.305e+04	-2.054e+04	-2.222e+04	-1448.81
2	11	561						-1.959e+04	-2.246e+04	-2.030e+04	-2.174e+04	-1241.84

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-487.58	-487.58	-105.65	-350.56		-1.371e+06	-1.371e+06	-8.623e+05	-4.491e+05
	487.58		487.58	105.65	350.56	1.321e+06		1.321e+06	8.040e+05	4.491e+05

Macro	Tipo	Angolo 1-X (gradi)
3	**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
3	1	9	71.68	-428.50	-428.50	71.68		9.024e+05	6.415e+05	9.024e+05	6.415e+05	
3	1	10	93.92	-424.05	-424.05	93.92		8.984e+05	6.217e+05	8.984e+05	6.217e+05	
3	1	55	78.00	-422.67	-414.37	69.71	-63.91	9.066e+05	5.835e+05	9.048e+05	5.853e+05	-2.430e+04
3	1	56	99.20	-418.08	-408.92	90.04	-68.21	8.998e+05	5.673e+05	8.988e+05	5.683e+05	-1.855e+04
3	1	78	78.00	-422.67	-414.37	69.71	63.91	9.066e+05	5.835e+05	9.048e+05	5.853e+05	2.430e+04
3	1	79	99.20	-418.08	-408.92	90.04	68.21	8.998e+05	5.673e+05	8.988e+05	5.683e+05	1.855e+04
3	1	101	96.50	-405.51	-372.67	63.65	-124.14	8.918e+05	4.405e+05	8.918e+05	4.405e+05	984.70
3	1	102	114.73	-400.63	-364.96	79.06	-130.81	8.815e+05	4.305e+05	8.813e+05	4.306e+05	9003.01
3	1	124	125.76	-378.07	-305.57	53.26	-176.84	8.319e+05	2.494e+05	8.163e+05	2.650e+05	9.380e+04
3	1	125	139.65	-373.09	-296.13	62.69	-183.13	8.198e+05	2.452e+05	8.021e+05	2.629e+05	9.921e+04
3	1	147	163.62	-342.03	-216.98	38.57	-218.16	7.215e+05	3.271e+04	6.356e+05	1.186e+05	2.276e+05
3	1	148	172.52	-337.59	-208.08	43.02	-222.01	7.095e+05	3.381e+04	6.219e+05	1.215e+05	2.270e+05
3	1	170	207.31	-299.66	-112.66	20.31	-244.61	5.652e+05	-1.918e+05	3.423e+05	3.104e+04	3.450e+05

3	1	171	211.36	-296.81	-107.21	21.77	-245.76	5.547e+05	-1.860e+05	3.345e+05	3.420e+04	3.386e+05
3	1	193	253.73	-253.73			-253.73	3.722e+05	-4.076e+05	-2.304e+04	-1.236e+04	3.899e+05
3	1	194	253.73	-253.73			-253.73	3.646e+05	-3.980e+05	-2.137e+04	-1.203e+04	3.813e+05
3	1	216	299.66	-207.31	112.66	-20.31	-244.61	1.555e+05	-5.996e+05	-3.870e+05	-5.720e+04	3.397e+05
3	1	217	296.81	-211.36	107.21	-21.77	-245.76	1.518e+05	-5.872e+05	-3.760e+05	-5.951e+04	3.339e+05
3	1	239	342.03	-163.62	216.98	-38.57	-218.16	-7.006e+04	-7.550e+05	-6.763e+05	-1.487e+05	2.184e+05
3	1	240	337.59	-172.52	208.08	-43.02	-222.01	-6.906e+04	-7.411e+05	-6.599e+05	-1.502e+05	2.190e+05
3	1	262	378.07	-125.76	305.57	-53.26	-176.84	-2.881e+05	-8.640e+05	-8.517e+05	-3.004e+05	8.313e+04
3	1	263	373.09	-139.65	296.13	-62.69	-183.13	-2.817e+05	-8.501e+05	-8.355e+05	-2.963e+05	8.988e+04
3	1	285	405.51	-96.50	372.67	-63.65	-124.14	-4.811e+05	-9.220e+05	-9.219e+05	-4.812e+05	-8258.96
3	1	286	400.63	-114.73	364.96	-79.06	-130.81	-4.687e+05	-9.100e+05	-9.100e+05	-4.687e+05	914.81
3	1	308	422.67	-78.00	414.37	-69.71	-63.91	-6.270e+05	-9.338e+05	-9.309e+05	-6.299e+05	-2.963e+04
3	1	309	418.08	-99.20	408.92	-90.04	-68.21	-6.081e+05	-9.258e+05	-9.241e+05	-6.098e+05	-2.322e+04
3	1	331	428.50	-71.68	428.50	-71.68		-6.876e+05	-9.271e+05	-9.271e+05	-6.876e+05	
3	1	332	424.05	-93.92	424.05	-93.92		-6.644e+05	-9.225e+05	-9.225e+05	-6.644e+05	
3	1	354	422.67	-78.00	414.37	-69.71	63.91	-6.270e+05	-9.338e+05	-9.309e+05	-6.299e+05	2.963e+04
3	1	355	418.08	-99.20	408.92	-90.04	68.21	-6.081e+05	-9.258e+05	-9.241e+05	-6.098e+05	2.322e+04
3	1	377	405.51	-96.50	372.67	-63.65	124.14	-4.811e+05	-9.220e+05	-9.219e+05	-4.812e+05	8258.96
3	1	378	400.63	-114.73	364.96	-79.06	130.81	-4.687e+05	-9.100e+05	-9.100e+05	-4.687e+05	-914.81
3	1	400	378.07	-125.76	305.57	-53.26	176.84	-2.881e+05	-8.640e+05	-8.517e+05	-3.004e+05	-8.313e+04
3	1	401	373.09	-139.65	296.13	-62.69	183.13	-2.817e+05	-8.501e+05	-8.355e+05	-2.963e+05	-8.988e+04
3	1	423	342.03	-163.62	216.98	-38.57	218.16	-7.006e+04	-7.550e+05	-6.763e+05	-1.487e+05	-2.184e+05
3	1	424	337.59	-172.52	208.08	-43.02	222.01	-6.906e+04	-7.411e+05	-6.599e+05	-1.502e+05	-2.190e+05
3	1	446	299.66	-207.31	112.66	-20.31	244.61	1.555e+05	-5.996e+05	-3.870e+05	-5.720e+04	-3.397e+05
3	1	447	296.81	-211.36	107.21	-21.77	245.76	1.518e+05	-5.872e+05	-3.760e+05	-5.951e+04	-3.339e+05
3	1	469	253.73	-253.73			253.73	3.722e+05	-4.076e+05	-2.304e+04	-1.236e+04	-3.899e+05
3	1	470	253.73	-253.73			253.73	3.646e+05	-3.980e+05	-2.137e+04	-1.203e+04	-3.813e+05
3	1	492	207.31	-299.66	-112.66	20.31	244.61	5.652e+05	-1.918e+05	3.423e+05	3.104e+04	-3.450e+05
3	1	493	211.36	-296.81	-107.21	21.77	245.76	5.547e+05	-1.860e+05	3.345e+05	3.420e+04	-3.386e+05
3	1	515	163.62	-342.03	-216.98	38.57	218.16	7.215e+05	3.271e+04	6.356e+05	1.186e+05	-2.276e+05
3	1	516	172.52	-337.59	-208.08	43.02	222.01	7.095e+05	3.381e+04	6.219e+05	1.215e+05	-2.270e+05
3	1	538	125.76	-378.07	-305.57	53.26	176.84	8.319e+05	2.494e+05	8.163e+05	2.650e+05	-9.380e+04
3	1	539	139.65	-373.09	-296.13	62.69	183.13	8.198e+05	2.452e+05	8.021e+05	2.629e+05	-9.921e+04
3	1	561	96.50	-405.51	-372.67	63.65	124.14	8.918e+05	4.405e+05	8.918e+05	4.405e+05	-984.70
3	1	562	114.73	-400.63	-364.96	79.06	130.81	8.815e+05	4.305e+05	8.813e+05	4.306e+05	-9003.01
3	5	9	47.79	-285.67	-285.67	47.79		6.003e+05	4.253e+05	6.003e+05	4.253e+05	
3	5	10	62.61	-282.70	-282.70	62.61		5.977e+05	4.122e+05	5.977e+05	4.122e+05	
3	5	55	52.00	-281.78	-276.25	46.47	-42.61	6.030e+05	3.867e+05	6.018e+05	3.879e+05	-1.593e+04
3	5	56	66.13	-278.72	-272.62	60.03	-45.47	5.986e+05	3.761e+05	5.979e+05	3.768e+05	-1.213e+04
3	5	78	52.00	-281.78	-276.25	46.47	42.61	6.030e+05	3.867e+05	6.018e+05	3.879e+05	1.593e+04
3	5	79	66.13	-278.72	-272.62	60.03	45.47	5.986e+05	3.761e+05	5.979e+05	3.768e+05	1.213e+04
3	5	101	64.33	-270.34	-248.45	42.43	-82.76	5.930e+05	2.915e+05	5.930e+05	2.916e+05	1128.28
3	5	102	76.49	-267.09	-243.31	52.71	-87.21	5.862e+05	2.850e+05	5.861e+05	2.851e+05	6414.85
3	5	124	83.84	-252.05	-203.71	35.51	-117.89	5.529e+05	1.643e+05	5.424e+05	1.748e+05	6.308e+04
3	5	125	93.10	-248.73	-197.42	41.80	-122.09	5.450e+05	1.616e+05	5.330e+05	1.736e+05	6.662e+04
3	5	147	109.08	-228.02	-144.65	25.71	-145.44	4.793e+05	1.987e+04	4.216e+05	7.755e+04	1.522e+05
3	5	148	115.01	-225.06	-138.72	28.68	-148.01	4.714e+05	2.072e+04	4.126e+05	7.949e+04	1.518e+05
3	5	170	138.21	-199.78	-75.11	13.54	-163.08	3.750e+05	-1.298e+05	2.259e+05	1.934e+04	2.303e+05
3	5	171	140.91	-197.87	-71.48	14.51	-163.84	3.681e+05	-1.258e+05	2.208e+05	2.149e+04	2.260e+05
3	5	193	169.15	-169.15			-169.15	2.463e+05	-2.736e+05	-1.773e+04	-9520.91	2.599e+05
3	5	194	169.15	-169.15			-169.15	2.414e+05	-2.671e+05	-1.644e+04	-9264.49	2.542e+05
3	5	216	199.78	-138.21	75.11	-13.54	-163.08	1.018e+05	-4.015e+05	-2.603e+05	-3.948e+04	2.262e+05
3	5	217	197.87	-140.91	71.48	-14.51	-163.84	9.942e+04	-3.932e+05	-2.528e+05	-4.098e+04	2.224e+05
3	5	239	228.02	-109.08	144.65	-25.71	-145.44	-4.862e+04	-5.051e+05	-4.530e+05	-1.007e+05	1.451e+05
3	5	240	225.06	-115.01	138.72	-28.68	-148.01	-4.785e+04	-4.957e+05	-4.419e+05	-1.016e+05	1.456e+05
3	5	262	252.05	-83.84	203.71	-35.51	-117.89	-1.940e+05	-5.777e+05	-5.697e+05	-2.021e+05	5.488e+04
3	5	263	248.73	-93.10	197.42	-41.80	-122.09	-1.897e+05	-5.683e+05	-5.588e+05	-1.993e+05	5.944e+04
3	5	285	270.34	-64.33	248.45	-42.43	-82.76	-3.228e+05	-6.163e+05	-6.161e+05	-3.229e+05	-5977.79
3	5	286	267.09	-76.49	243.31	-52.71	-87.21	-3.144e+05	-6.082e+05	-6.082e+05	-3.144e+05	197.03
3	5	308	281.78	-52.00	276.25	-46.47	-42.61	-4.203e+05	-6.240e+05	-6.220e+05	-4.223e+05	-2.003e+04
3	5	309	278.72	-66.13	272.62	-60.03	-45.47	-4.075e+05	-6.186e+05	-6.174e+05	-4.087e+05	-1.572e+04
3	5	331	285.67	-47.79	285.67	-47.79		-4.607e+05	-6.193e+05	-6.193e+05	-4.607e+05	
3	5	332	282.70	-62.61	282.70	-62.61		-4.451e+05	-6.162e+05	-6.162e+05	-4.451e+05	
3	5	354	281.78	-52.00	276.25	-46.47	42.61	-4.203e+05	-6.240e+05	-6.220e+05	-4.223e+05	2.003e+04
3	5	355	278.72	-66.13	272.62	-60.03	45.47	-4.075e+05	-6.186e+05	-6.174e+05	-4.087e+05	1.572e+04
3	5	377	270.34	-64.33	248.45	-42.43	82.76	-3.228e+05	-6.163e+05	-6.161e+05	-3.229e+05	5977.79
3	5	378	267.09	-76.49	243.31	-52.71	87.21	-3.144e+05	-6.082e+05	-6.082e+05	-3.144e+05	-197.03
3	5	400	252.05	-83.84	203.71	-35.51	117.89	-1.940e+05	-5.777e+05	-5.697e+05	-2.021e+05	-5.488e+04
3	5	401	248.73	-93.10	197.42	-41.80	122.09	-1.897e+05	-5.683e+05	-5.588e+05	-1.993e+05	-5.944e+04
3	5	423	228.02	-109.08	144.65	-25.71	145.44	-4.862e+04	-5.051e+05	-4.530e+05	-1.007e+05	-1.451e+05
3	5	424	225.06	-115.01	138.72	-28.68	148.01	-4.785e+04	-4.957e+05	-4.419e+05	-1.016e+05	-1.456e+05
3	5	446	199.78	-138.21	75.11	-13.54	163.08	1.018e+05	-4.015e+05	-2.603e+05	-3.948e+04	-2.262e+05
3	5	447	197.87	-140.91	71.48	-14.51	163.84	9.942e+04	-3.932e+05	-2.528e+05	-4.098e+04	-2.224e+05
3	5	469	169.15	-169.15			169.15	2.463e+05	-2.736e+05	-1.773e+04	-9520.91	-2.599e+05
3	5	470	169.15	-169.15			169.15	2.414e+05	-2.671e+05	-1.644e+04	-9264.49	-2.542e+05
3	5	492	138.21	-199.78	-75.11	13.54	163.08	3.750e+05	-1.298e+05	2.259e+05	1.934e+04	-2.303e+05
3	5	493	140.91	-197.87	-71.48	14.51	163.84	3.681e+05	-1.258e+05	2.208e+05	2.149e+04	-2.260e+05

3	5	515	109.08	-228.02	-144.65	25.71	145.44	4.793e+05	1.987e+04	4.216e+05	7.755e+04	-1.522e+05
3	5	516	115.01	-225.06	-138.72	28.68	148.01	4.714e+05	2.072e+04	4.126e+05	7.949e+04	-1.518e+05
3	5	538	83.84	-252.05	-203.71	35.51	117.89	5.529e+05	1.643e+05	5.424e+05	1.748e+05	-6.308e+04
3	5	539	93.10	-248.73	-197.42	41.80	122.09	5.450e+05	1.616e+05	5.330e+05	1.736e+05	-6.662e+04
3	5	561	64.33	-270.34	-248.45	42.43	82.76	5.930e+05	2.915e+05	5.930e+05	2.916e+05	-1128.28
3	5	562	76.49	-267.09	-243.31	52.71	87.21	5.862e+05	2.850e+05	5.861e+05	2.851e+05	-6414.85
3	8	9	9.56	-57.13	-57.13	9.56		1.124e+05	7.085e+04	1.124e+05	7.085e+04	
3	8	10	12.52	-56.54	-56.54	12.52		1.121e+05	6.926e+04	1.121e+05	6.926e+04	
3	8	55	10.40	-56.36	-55.25	9.29	-8.52	1.123e+05	6.376e+04	1.122e+05	6.381e+04	-1552.38
3	8	56	13.23	-55.74	-54.52	12.01	-9.09	1.117e+05	6.252e+04	1.117e+05	6.254e+04	-997.31
3	8	78	10.40	-56.36	-55.25	9.29	8.52	1.123e+05	6.376e+04	1.122e+05	6.381e+04	1552.38
3	8	79	13.23	-55.74	-54.52	12.01	9.09	1.117e+05	6.252e+04	1.117e+05	6.254e+04	997.31
3	8	101	12.87	-54.07	-49.69	8.49	-16.55	1.094e+05	4.559e+04	1.093e+05	4.573e+04	3053.67
3	8	102	15.30	-53.42	-48.66	10.54	-17.44	1.085e+05	4.504e+04	1.083e+05	4.527e+04	3757.48
3	8	124	16.77	-50.41	-40.74	7.10	-23.58	1.008e+05	2.074e+04	9.754e+04	2.402e+04	1.588e+04
3	8	125	18.62	-49.75	-39.48	8.36	-24.42	9.975e+04	2.091e+04	9.628e+04	2.438e+04	1.618e+04
3	8	147	21.82	-45.60	-28.93	5.14	-29.09	8.568e+04	-7730.13	7.175e+04	6198.32	3.327e+04
3	8	148	23.00	-45.01	-27.74	5.74	-29.60	8.464e+04	-6884.53	7.076e+04	6995.61	3.283e+04
3	8	170	27.64	-39.96	-15.02	2.71	-32.62	6.449e+04	-3.733e+04	3.141e+04	-4248.18	4.769e+04
3	8	171	28.18	-39.57	-14.30	2.90	-32.77	6.369e+04	-3.588e+04	3.136e+04	-3558.90	4.662e+04
3	8	193	33.83	-33.83			-33.83	3.848e+04	-6.581e+04	-1.775e+04	-9582.88	5.198e+04
3	8	194	33.83	-33.83			-33.83	3.806e+04	-6.387e+04	-1.648e+04	-9327.51	5.084e+04
3	8	216	39.96	-27.64	15.02	-2.71	-32.62	9294.94	-9.113e+04	-6.582e+04	-1.601e+04	4.360e+04
3	8	217	39.57	-28.18	14.30	-2.90	-32.77	9409.42	-8.882e+04	-6.336e+04	-1.605e+04	4.305e+04
3	8	239	45.60	-21.82	28.93	-5.14	-29.09	-2.109e+04	-1.115e+05	-1.032e+05	-2.945e+04	2.619e+04
3	8	240	45.01	-23.00	27.74	-5.74	-29.60	-2.034e+04	-1.090e+05	-1.001e+05	-2.923e+04	2.664e+04
3	8	262	50.41	-16.77	40.74	-7.10	-23.58	-5.056e+04	-1.257e+05	-1.249e+05	-5.136e+04	7709.53
3	8	263	49.75	-18.62	39.48	-8.36	-24.42	-4.907e+04	-1.232e+05	-1.221e+05	-5.019e+04	9030.73
3	8	285	54.07	-12.87	49.69	-8.49	-16.55	-7.687e+04	-1.328e+05	-1.325e+05	-7.716e+04	-4023.57
3	8	286	53.42	-15.30	48.66	-10.54	-17.44	-7.454e+04	-1.306e+05	-1.305e+05	-7.465e+04	-2435.11
3	8	308	56.36	-10.40	55.25	-9.29	-8.52	-9.732e+04	-1.334e+05	-1.325e+05	-9.822e+04	-5638.42
3	8	309	55.74	-13.23	54.52	-12.01	-9.09	-9.398e+04	-1.319e+05	-1.313e+05	-9.454e+04	-4572.60
3	8	331	57.13	-9.56	57.13	-9.56		-1.064e+05	-1.315e+05	-1.315e+05	-1.064e+05	
3	8	332	56.54	-12.52	56.54	-12.52		-1.022e+05	-1.307e+05	-1.307e+05	-1.022e+05	
3	8	354	56.36	-10.40	55.25	-9.29	8.52	-9.732e+04	-1.334e+05	-1.325e+05	-9.822e+04	5638.42
3	8	355	55.74	-13.23	54.52	-12.01	9.09	-9.398e+04	-1.319e+05	-1.313e+05	-9.454e+04	4572.60
3	8	377	54.07	-12.87	49.69	-8.49	16.55	-7.687e+04	-1.328e+05	-1.325e+05	-7.716e+04	4023.57
3	8	378	53.42	-15.30	48.66	-10.54	17.44	-7.454e+04	-1.306e+05	-1.305e+05	-7.465e+04	2435.11
3	8	400	50.41	-16.77	40.74	-7.10	23.58	-5.056e+04	-1.257e+05	-1.249e+05	-5.136e+04	-7709.53
3	8	401	49.75	-18.62	39.48	-8.36	24.42	-4.907e+04	-1.232e+05	-1.221e+05	-5.019e+04	-9030.73
3	8	423	45.60	-21.82	28.93	-5.14	29.09	-2.109e+04	-1.115e+05	-1.032e+05	-2.945e+04	-2.619e+04
3	8	424	45.01	-23.00	27.74	-5.74	29.60	-2.034e+04	-1.090e+05	-1.001e+05	-2.923e+04	-2.664e+04
3	8	446	39.96	-27.64	15.02	-2.71	32.62	9294.94	-9.113e+04	-6.582e+04	-1.601e+04	-4.360e+04
3	8	447	39.57	-28.18	14.30	-2.90	32.77	9409.42	-8.882e+04	-6.336e+04	-1.605e+04	-4.305e+04
3	8	469	33.83	-33.83			33.83	3.848e+04	-6.581e+04	-1.775e+04	-9582.88	-5.198e+04
3	8	470	33.83	-33.83			33.83	3.806e+04	-6.387e+04	-1.648e+04	-9327.51	-5.084e+04
3	8	492	27.64	-39.96	-15.02	2.71	32.62	6.449e+04	-3.733e+04	3.141e+04	-4248.18	-4.769e+04
3	8	493	28.18	-39.57	-14.30	2.90	32.77	6.369e+04	-3.588e+04	3.136e+04	-3558.90	-4.662e+04
3	8	515	21.82	-45.60	-28.93	5.14	29.09	8.568e+04	-7730.13	7.175e+04	6198.32	-3.327e+04
3	8	516	23.00	-45.01	-27.74	5.74	29.60	8.464e+04	-6884.53	7.076e+04	6995.61	-3.283e+04
3	8	538	16.77	-50.41	-40.74	7.10	23.58	1.008e+05	2.074e+04	9.754e+04	2.402e+04	-1.588e+04
3	8	539	18.62	-49.75	-39.48	8.36	24.42	9.975e+04	2.091e+04	9.628e+04	2.438e+04	-1.618e+04
3	8	561	12.87	-54.07	-49.69	8.49	16.55	1.094e+05	4.559e+04	1.093e+05	4.573e+04	-3053.67
3	8	562	15.30	-53.42	-48.66	10.54	17.44	1.085e+05	4.504e+04	1.083e+05	4.527e+04	-3757.48
3	11	9						-9582.88	-1.775e+04	-9582.88	-1.775e+04	
3	11	10						-9327.51	-1.648e+04	-9327.51	-1.648e+04	
3	11	55						-9582.89	-1.775e+04	-1.013e+04	-1.721e+04	2043.02
3	11	56						-9327.51	-1.648e+04	-9806.51	-1.600e+04	1787.64
3	11	78						-9582.89	-1.775e+04	-1.013e+04	-1.721e+04	-2043.02
3	11	79						-9327.51	-1.648e+04	-9806.51	-1.600e+04	-1787.64
3	11	101						-9582.88	-1.775e+04	-1.163e+04	-1.571e+04	3538.62
3	11	102						-9327.50	-1.648e+04	-1.112e+04	-1.469e+04	3096.30
3	11	124						-9582.88	-1.775e+04	-1.367e+04	-1.367e+04	4086.05
3	11	125						-9327.51	-1.648e+04	-1.290e+04	-1.290e+04	3575.29
3	11	147						-9582.88	-1.775e+04	-1.571e+04	-1.163e+04	3538.62
3	11	148						-9327.50	-1.648e+04	-1.469e+04	-1.112e+04	3096.30
3	11	170						-9582.89	-1.775e+04	-1.721e+04	-1.013e+04	2043.02
3	11	171						-9327.51	-1.648e+04	-1.600e+04	-9806.51	1787.64
3	11	193						-9582.88	-1.775e+04	-1.775e+04	-9582.88	
3	11	194						-9327.51	-1.648e+04	-1.648e+04	-9327.51	
3	11	216						-9582.89	-1.775e+04	-1.721e+04	-1.013e+04	-2043.02
3	11	217						-9327.51	-1.648e+04	-1.600e+04	-9806.51	-1787.64
3	11	239						-9582.88	-1.775e+04	-1.571e+04	-1.163e+04	-3538.62
3	11	240						-9327.50	-1.648e+04	-1.469e+04	-1.112e+04	-3096.30
3	11	262						-9582.88	-1.775e+04	-1.367e+04	-1.367e+04	-4086.05
3	11	263						-9327.51	-1.648e+04	-1.290e+04	-1.290e+04	-3575.29
3	11	285						-9582.88	-1.775e+04	-1.163e+04	-1.571e+04	-3538.62

3	11	286					-9327.50	-1.648e+04	-1.112e+04	-1.469e+04	-3096.30
3	11	308					-9582.89	-1.775e+04	-1.013e+04	-1.721e+04	-2043.02
3	11	309					-9327.51	-1.648e+04	-9806.51	-1.600e+04	-1787.64
3	11	331					-9582.88	-1.775e+04	-9582.88	-1.775e+04	
3	11	332					-9327.51	-1.648e+04	-9327.51	-1.648e+04	
3	11	354					-9582.89	-1.775e+04	-1.013e+04	-1.721e+04	2043.02
3	11	355					-9327.51	-1.648e+04	-9806.51	-1.600e+04	1787.64
3	11	377					-9582.88	-1.775e+04	-1.163e+04	-1.571e+04	3538.62
3	11	378					-9327.50	-1.648e+04	-1.112e+04	-1.469e+04	3096.30
3	11	400					-9582.88	-1.775e+04	-1.367e+04	-1.367e+04	4086.05
3	11	401					-9327.51	-1.648e+04	-1.290e+04	-1.290e+04	3575.29
3	11	423					-9582.88	-1.775e+04	-1.571e+04	-1.163e+04	3538.62
3	11	424					-9327.50	-1.648e+04	-1.469e+04	-1.112e+04	3096.30
3	11	446					-9582.89	-1.775e+04	-1.721e+04	-1.013e+04	2043.02
3	11	447					-9327.51	-1.648e+04	-1.600e+04	-9806.51	1787.64
3	11	469					-9582.88	-1.775e+04	-1.775e+04	-9582.88	
3	11	470					-9327.51	-1.648e+04	-1.648e+04	-9327.51	
3	11	492					-9582.89	-1.775e+04	-1.721e+04	-1.013e+04	-2043.02
3	11	493					-9327.51	-1.648e+04	-1.600e+04	-9806.51	-1787.64
3	11	515					-9582.88	-1.775e+04	-1.571e+04	-1.163e+04	-3538.62
3	11	516					-9327.50	-1.648e+04	-1.469e+04	-1.112e+04	-3096.30
3	11	538					-9582.88	-1.775e+04	-1.367e+04	-1.367e+04	-4086.05
3	11	539					-9327.51	-1.648e+04	-1.290e+04	-1.290e+04	-3575.29
3	11	561					-9582.88	-1.775e+04	-1.163e+04	-1.571e+04	-3538.62
3	11	562					-9327.50	-1.648e+04	-1.112e+04	-1.469e+04	-3096.30

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-428.50	-428.50	-93.92	-253.73		-9.338e+05	-9.309e+05	-6.876e+05	-3.899e+05
	428.50		428.50	93.92	253.73	9.066e+05		9.048e+05	6.415e+05	3.899e+05

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	1	10	93.39	-370.40	-370.40	93.39		6.126e+05	4.983e+05	6.126e+05	4.983e+05	
4	1	11	101.29	-368.82	-368.82	101.29		6.070e+05	4.706e+05	6.070e+05	4.706e+05	
4	1	56	95.62	-363.20	-352.55	84.98	-69.07	6.354e+05	4.369e+05	6.253e+05	4.470e+05	-4.363e+04
4	1	57	103.19	-361.60	-350.62	92.21	-70.59	6.234e+05	4.169e+05	6.170e+05	4.232e+05	-3.563e+04
4	1	79	95.62	-363.20	-352.55	84.98	69.07	6.354e+05	4.369e+05	6.253e+05	4.470e+05	4.363e+04
4	1	80	103.19	-361.60	-350.62	92.21	70.59	6.234e+05	4.169e+05	6.170e+05	4.232e+05	3.563e+04
4	1	102	102.54	-342.44	-303.30	63.40	-126.04	6.465e+05	3.127e+05	6.426e+05	3.166e+05	-3.596e+04
4	1	103	109.12	-340.81	-300.56	68.87	-128.41	6.299e+05	3.008e+05	6.280e+05	3.027e+05	-2.477e+04
4	1	125	114.73	-310.61	-233.37	37.49	-163.97	6.187e+05	1.607e+05	6.147e+05	1.646e+05	4.229e+04
4	1	126	119.81	-308.98	-230.01	40.84	-166.21	6.006e+05	1.558e+05	5.949e+05	1.615e+05	4.993e+04
4	1	148	133.12	-271.63	-154.92	16.42	-183.35	5.499e+05	-5000.74	4.953e+05	4.964e+04	1.653e+05
4	1	149	136.40	-270.16	-151.76	18.00	-184.71	5.326e+05	-3298.26	4.760e+05	5.331e+04	1.647e+05
4	1	171	158.64	-230.34	-76.37	4.67	-190.22	4.440e+05	-1.721e+05	2.727e+05	-832.58	2.760e+05
4	1	172	160.12	-229.36	-74.43	5.19	-190.63	4.293e+05	-1.644e+05	2.615e+05	3384.00	2.673e+05
4	1	194	191.52	-191.52			-191.52	3.078e+05	-3.289e+05	-1.695e+04	-4119.08	3.183e+05
4	1	195	191.52	-191.52			-191.52	2.970e+05	-3.160e+05	-1.517e+04	-3762.68	3.065e+05
4	1	217	230.34	-158.64	76.37	-4.67	-190.22	1.505e+05	-4.645e+05	-3.049e+05	-9124.54	2.696e+05
4	1	218	229.36	-160.12	74.43	-5.19	-190.63	1.448e+05	-4.476e+05	-2.903e+05	-1.244e+04	2.616e+05
4	1	240	271.63	-133.12	154.92	-16.42	-183.35	-1.724e+04	-5.698e+05	-5.227e+05	-6.430e+04	1.542e+05
4	1	241	270.16	-136.40	151.76	-18.00	-184.71	-1.697e+04	-5.502e+05	-5.007e+05	-6.654e+04	1.548e+05
4	1	263	310.61	-114.73	233.37	-37.49	-163.97	-1.838e+05	-6.377e+05	-6.358e+05	-1.857e+05	2.946e+04
4	1	264	308.98	-119.81	230.01	-40.84	-166.21	-1.770e+05	-6.172e+05	-6.138e+05	-1.804e+05	3.852e+04
4	1	286	342.44	-102.54	303.30	-63.40	-126.04	-3.372e+05	-6.642e+05	-6.573e+05	-3.441e+05	-4.707e+04
4	1	287	340.81	-109.12	300.56	-68.87	-128.41	-3.236e+05	-6.450e+05	-6.412e+05	-3.273e+05	-3.465e+04
4	1	309	363.20	-95.62	352.55	-84.98	-69.07	-4.645e+05	-6.500e+05	-6.353e+05	-4.792e+05	-5.004e+04
4	1	310	361.60	-103.19	350.62	-92.21	-70.59	-4.427e+05	-6.354e+05	-6.261e+05	-4.520e+05	-4.134e+04
4	1	332	370.40	-93.39	370.40	-93.39		-5.322e+05	-6.208e+05	-6.208e+05	-5.322e+05	
4	1	333	368.82	-101.29	368.82	-101.29		-5.009e+05	-6.146e+05	-6.146e+05	-5.009e+05	
4	1	355	363.20	-95.62	352.55	-84.98	69.07	-4.645e+05	-6.500e+05	-6.353e+05	-4.792e+05	5.004e+04
4	1	356	361.60	-103.19	350.62	-92.21	70.59	-4.427e+05	-6.354e+05	-6.261e+05	-4.520e+05	4.134e+04
4	1	378	342.44	-102.54	303.30	-63.40	126.04	-3.372e+05	-6.642e+05	-6.573e+05	-3.441e+05	4.707e+04
4	1	379	340.81	-109.12	300.56	-68.87	128.41	-3.236e+05	-6.450e+05	-6.412e+05	-3.273e+05	3.465e+04
4	1	401	310.61	-114.73	233.37	-37.49	163.97	-1.838e+05	-6.377e+05	-6.358e+05	-1.857e+05	-2.946e+04
4	1	402	308.98	-119.81	230.01	-40.84	166.21	-1.770e+05	-6.172e+05	-6.138e+05	-1.804e+05	-3.852e+04
4	1	424	271.63	-133.12	154.92	-16.42	183.35	-1.724e+04	-5.698e+05	-5.227e+05	-6.430e+04	-1.542e+05
4	1	425	270.16	-136.40	151.76	-18.00	184.71	-1.697e+04	-5.502e+05	-5.007e+05	-6.654e+04	-1.548e+05
4	1	447	230.34	-158.64	76.37	-4.67	190.22	1.505e+05	-4.645e+05	-3.049e+05	-9124.54	-2.696e+05

4	1	448	229.36	-160.12	74.43	-5.19	190.63	1.448e+05	-4.476e+05	-2.903e+05	-1.244e+04	-2.616e+05
4	1	470	191.52	-191.52			191.52	3.078e+05	-3.289e+05	-1.695e+04	-4119.08	-3.183e+05
4	1	471	191.52	-191.52			191.52	2.970e+05	-3.160e+05	-1.517e+04	-3762.68	-3.065e+05
4	1	493	158.64	-230.34	-76.37	4.67	190.22	4.440e+05	-1.721e+05	2.727e+05	-832.58	-2.760e+05
4	1	494	160.12	-229.36	-74.43	5.19	190.63	4.293e+05	-1.644e+05	2.615e+05	3384.00	-2.673e+05
4	1	516	133.12	-271.63	-154.92	16.42	183.35	5.499e+05	-5000.74	4.953e+05	4.964e+04	-1.653e+05
4	1	517	136.40	-270.16	-151.76	18.00	184.71	5.326e+05	-3298.26	4.760e+05	5.331e+04	-1.647e+05
4	1	539	114.73	-310.61	-233.37	37.49	163.97	6.187e+05	1.607e+05	6.147e+05	1.646e+05	-4.229e+04
4	1	540	119.81	-308.98	-230.01	40.84	166.21	6.006e+05	1.558e+05	5.949e+05	1.615e+05	-4.993e+04
4	1	562	102.54	-342.44	-303.30	63.40	126.04	6.465e+05	3.127e+05	6.426e+05	3.166e+05	3.596e+04
4	1	563	109.12	-340.81	-300.56	68.87	128.41	6.299e+05	3.008e+05	6.280e+05	3.027e+05	2.477e+04
4	5	10	62.26	-246.93	-246.93	62.26		4.080e+05	3.304e+05	4.080e+05	3.304e+05	
4	5	11	67.53	-245.88	-245.88	67.53		4.043e+05	3.121e+05	4.043e+05	3.121e+05	
4	5	56	63.75	-242.13	-235.04	56.65	-46.04	4.229e+05	2.898e+05	4.164e+05	2.963e+05	-2.876e+04
4	5	57	68.79	-241.07	-233.75	61.47	-47.06	4.150e+05	2.766e+05	4.109e+05	2.807e+05	-2.347e+04
4	5	79	63.75	-242.13	-235.04	56.65	46.04	4.229e+05	2.898e+05	4.164e+05	2.963e+05	2.876e+04
4	5	80	68.79	-241.07	-233.75	61.47	47.06	4.150e+05	2.766e+05	4.109e+05	2.807e+05	2.347e+04
4	5	102	68.36	-228.29	-202.20	42.26	-84.03	4.301e+05	2.072e+05	4.276e+05	2.097e+05	-2.341e+04
4	5	103	72.75	-227.20	-200.37	45.92	-85.61	4.191e+05	1.994e+05	4.180e+05	2.005e+05	-1.601e+04
4	5	125	76.49	-207.07	-155.58	24.99	-109.32	4.115e+05	1.059e+05	4.087e+05	1.087e+05	2.885e+04
4	5	126	79.88	-205.99	-153.34	27.23	-110.81	3.995e+05	1.028e+05	3.956e+05	1.067e+05	3.387e+04
4	5	148	88.75	-181.08	-103.28	10.94	-122.23	3.656e+05	-4497.44	3.288e+05	3.234e+04	1.108e+05
4	5	149	90.93	-180.11	-101.17	12.00	-123.14	3.542e+05	-3258.27	3.161e+05	3.485e+04	1.103e+05
4	5	171	105.76	-153.56	-50.91	3.12	-126.81	2.950e+05	-1.159e+05	1.802e+05	-1074.57	1.843e+05
4	5	172	106.75	-152.91	-49.62	3.46	-127.09	2.852e+05	-1.106e+05	1.728e+05	1782.67	1.785e+05
4	5	194	127.68	-127.68			-127.68	2.041e+05	-2.203e+05	-1.304e+04	-3177.72	2.122e+05
4	5	195	127.68	-127.68			-127.68	1.971e+05	-2.116e+05	-1.167e+04	-2903.70	2.043e+05
4	5	217	153.56	-105.76	50.91	-3.12	-126.81	9.922e+04	-3.108e+05	-2.049e+05	-6602.54	1.794e+05
4	5	218	152.91	-106.75	49.62	-3.46	-127.09	9.556e+04	-2.993e+05	-1.950e+05	-8764.88	1.741e+05
4	5	240	181.08	-88.75	103.28	-10.94	-122.23	-1.263e+04	-3.809e+05	-3.499e+05	-4.362e+04	1.022e+05
4	5	241	180.11	-90.93	101.17	-12.00	-123.14	-1.234e+04	-3.677e+05	-3.350e+05	-4.504e+04	1.027e+05
4	5	263	207.07	-76.49	155.58	-24.99	-109.32	-1.237e+05	-4.261e+05	-4.249e+05	-1.249e+05	1.898e+04
4	5	264	205.99	-79.88	153.34	-27.23	-110.81	-1.191e+05	-4.124e+05	-4.102e+05	-1.213e+05	2.510e+04
4	5	286	228.29	-68.36	202.20	-42.26	-84.03	-2.260e+05	-4.437e+05	-4.389e+05	-2.308e+05	-3.195e+04
4	5	287	227.20	-72.75	200.37	-45.92	-85.61	-2.169e+05	-4.308e+05	-4.282e+05	-2.195e+05	-2.360e+04
4	5	309	242.13	-63.75	235.04	-56.65	-46.04	-3.110e+05	-4.341e+05	-4.240e+05	-3.211e+05	-3.369e+04
4	5	310	241.07	-68.79	233.75	-61.47	-47.06	-2.964e+05	-4.243e+05	-4.179e+05	-3.028e+05	-2.785e+04
4	5	332	246.93	-62.26	246.93	-62.26		-3.565e+05	-4.143e+05	-4.143e+05	-3.565e+05	
4	5	333	245.88	-67.53	245.88	-67.53		-3.355e+05	-4.101e+05	-4.101e+05	-3.355e+05	
4	5	355	242.13	-63.75	235.04	-56.65	46.04	-3.110e+05	-4.341e+05	-4.240e+05	-3.211e+05	3.369e+04
4	5	356	241.07	-68.79	233.75	-61.47	47.06	-2.964e+05	-4.243e+05	-4.179e+05	-3.028e+05	2.785e+04
4	5	378	228.29	-68.36	202.20	-42.26	84.03	-2.260e+05	-4.437e+05	-4.389e+05	-2.308e+05	3.195e+04
4	5	379	227.20	-72.75	200.37	-45.92	85.61	-2.169e+05	-4.308e+05	-4.282e+05	-2.195e+05	2.360e+04
4	5	401	207.07	-76.49	155.58	-24.99	109.32	-1.237e+05	-4.261e+05	-4.249e+05	-1.249e+05	-1.898e+04
4	5	402	205.99	-79.88	153.34	-27.23	110.81	-1.191e+05	-4.124e+05	-4.102e+05	-1.213e+05	-2.510e+04
4	5	424	181.08	-88.75	103.28	-10.94	122.23	-1.263e+04	-3.809e+05	-3.499e+05	-4.362e+04	-1.022e+05
4	5	425	180.11	-90.93	101.17	-12.00	123.14	-1.234e+04	-3.677e+05	-3.350e+05	-4.504e+04	-1.027e+05
4	5	447	153.56	-105.76	50.91	-3.12	126.81	9.922e+04	-3.108e+05	-2.049e+05	-6602.54	-1.794e+05
4	5	448	152.91	-106.75	49.62	-3.46	127.09	9.556e+04	-2.993e+05	-1.950e+05	-8764.88	-1.741e+05
4	5	470	127.68	-127.68			127.68	2.041e+05	-2.203e+05	-1.304e+04	-3177.72	-2.122e+05
4	5	471	127.68	-127.68			127.68	1.971e+05	-2.116e+05	-1.167e+04	-2903.70	-2.043e+05
4	5	493	105.76	-153.56	-50.91	3.12	126.81	2.950e+05	-1.159e+05	1.802e+05	-1074.57	-1.843e+05
4	5	494	106.75	-152.91	-49.62	3.46	127.09	2.852e+05	-1.106e+05	1.728e+05	1782.67	-1.785e+05
4	5	516	88.75	-181.08	-103.28	10.94	122.23	3.656e+05	-4497.44	3.288e+05	3.234e+04	-1.108e+05
4	5	517	90.93	-180.11	-101.17	12.00	123.14	3.542e+05	-3258.27	3.161e+05	3.485e+04	-1.103e+05
4	5	539	76.49	-207.07	-155.58	24.99	109.32	4.115e+05	1.059e+05	4.087e+05	1.087e+05	-2.885e+04
4	5	540	79.88	-205.99	-153.34	27.23	110.81	3.995e+05	1.028e+05	3.956e+05	1.067e+05	-3.387e+04
4	5	562	68.36	-228.29	-202.20	42.26	84.03	4.301e+05	2.072e+05	4.276e+05	2.097e+05	2.341e+04
4	5	563	72.75	-227.20	-200.37	45.92	85.61	4.191e+05	1.994e+05	4.180e+05	2.005e+05	1.601e+04
4	8	10	12.45	-49.39	-49.39	12.45		7.899e+04	5.563e+04	7.899e+04	5.563e+04	
4	8	11	13.51	-49.18	-49.18	13.51		7.848e+04	5.306e+04	7.848e+04	5.306e+04	
4	8	56	12.75	-48.43	-47.01	11.33	-9.21	8.060e+04	4.887e+04	8.015e+04	4.933e+04	-3785.75
4	8	57	13.76	-48.21	-46.75	12.29	-9.41	7.959e+04	4.696e+04	7.932e+04	4.723e+04	-2945.88
4	8	79	12.75	-48.43	-47.01	11.33	9.21	8.060e+04	4.887e+04	8.015e+04	4.933e+04	3785.75
4	8	80	13.76	-48.21	-46.75	12.29	9.41	7.959e+04	4.696e+04	7.932e+04	4.723e+04	2945.88
4	8	102	13.67	-45.66	-40.44	8.45	-16.81	8.100e+04	3.340e+04	8.096e+04	3.343e+04	-1276.57
4	8	103	14.55	-45.44	-40.07	9.18	-17.12	7.946e+04	3.248e+04	7.946e+04	3.248e+04	-175.65
4	8	125	15.30	-41.41	-31.12	5.00	-21.86	7.674e+04	1.367e+04	7.521e+04	1.520e+04	9700.98
4	8	126	15.98	-41.20	-30.67	5.45	-22.16	7.502e+04	1.369e+04	7.325e+04	1.546e+04	1.027e+04
4	8	148	17.75	-36.22	-20.66	2.19	-24.45	6.725e+04	-8099.45	5.725e+04	1899.74	2.556e+04
4	8	149	18.19	-36.02	-20.23	2.40	-24.63	6.562e+04	-7187.64	5.559e+04	2839.68	2.509e+04
4	8	171	21.15	-30.71	-10.18	0.62	-25.36	5.290e+04	-3.015e+04	2.610e+04	-3343.59	3.883e+04
4	8	172	21.35	-30.58	-9.92	0.69	-25.42	5.159e+04	-2.842e+04	2.566e+04	-2495.23	3.745e+04
4	8	194	25.54	-25.54			-25.54	3.456e+04	-5.087e+04	-1.307e+04	-3237.55	4.244e+04
4	8	195	25.54	-25.54			-25.54	3.376e+04	-4.843e+04	-1.171e+04	-2964.35	4.086e+04
4	8	217	30.71	-21.15	10.18	-0.62	-25.36	1.343e+04	-6.880e+04	-5.092e+04	-4449.18	3.391e+04
4	8	218	30.58	-21.35	9.92	-0.69	-25.42	1.328e+04	-6.579e+04	-4.791e+04	-4604.74	3.307e+04

4	8	240	36.22	-17.75	20.66	-2.19	-24.45	-9104.44	-8.267e+04	-7.848e+04	-1.329e+04	1.705e+04
4	8	241	36.02	-18.19	20.23	-2.40	-24.63	-8498.96	-7.927e+04	-7.463e+04	-1.314e+04	1.752e+04
4	8	263	41.41	-15.30	31.12	-5.00	-21.86	-3.151e+04	-9.152e+04	-9.152e+04	-3.151e+04	-134.26
4	8	264	41.20	-15.98	30.67	-5.45	-22.16	-3.009e+04	-8.796e+04	-8.792e+04	-3.013e+04	1525.22
4	8	286	45.66	-13.67	40.44	-8.45	-16.81	-5.227e+04	-9.475e+04	-9.235e+04	-5.466e+04	-9794.14
4	8	287	45.44	-14.55	40.07	-9.18	-17.12	-5.002e+04	-9.127e+04	-8.976e+04	-5.152e+04	-7746.82
4	8	309	48.43	-12.75	47.01	-11.33	-9.21	-6.995e+04	-9.215e+04	-8.794e+04	-7.416e+04	-8703.36
4	8	310	48.21	-13.76	46.75	-12.29	-9.41	-6.675e+04	-8.915e+04	-8.642e+04	-6.947e+04	-7317.09
4	8	332	49.39	-12.45	49.39	-12.45		-8.177e+04	-8.547e+04	-8.547e+04	-8.177e+04	
4	8	333	49.18	-13.51	49.18	-13.51		-7.647e+04	-8.441e+04	-8.441e+04	-7.647e+04	
4	8	355	48.43	-12.75	47.01	-11.33	9.21	-6.995e+04	-9.215e+04	-8.794e+04	-7.416e+04	8703.36
4	8	356	48.21	-13.76	46.75	-12.29	9.41	-6.675e+04	-8.915e+04	-8.642e+04	-6.947e+04	7317.09
4	8	378	45.66	-13.67	40.44	-8.45	16.81	-5.227e+04	-9.475e+04	-9.235e+04	-5.466e+04	9794.14
4	8	379	45.44	-14.55	40.07	-9.18	17.12	-5.002e+04	-9.127e+04	-8.976e+04	-5.152e+04	7746.82
4	8	401	41.41	-15.30	31.12	-5.00	21.86	-3.151e+04	-9.152e+04	-9.152e+04	-3.151e+04	134.26
4	8	402	41.20	-15.98	30.67	-5.45	22.16	-3.009e+04	-8.796e+04	-8.792e+04	-3.013e+04	-1525.22
4	8	424	36.22	-17.75	20.66	-2.19	24.45	-9104.44	-8.267e+04	-7.848e+04	-1.329e+04	-1.705e+04
4	8	425	36.02	-18.19	20.23	-2.40	24.63	-8498.96	-7.927e+04	-7.463e+04	-1.314e+04	-1.752e+04
4	8	447	30.71	-21.15	10.18	-0.62	25.36	1.343e+04	-6.880e+04	-5.092e+04	-4449.18	-3.391e+04
4	8	448	30.58	-21.35	9.92	-0.69	25.42	1.328e+04	-6.579e+04	-4.791e+04	-4604.74	-3.307e+04
4	8	470	25.54	-25.54			25.54	3.456e+04	-5.087e+04	-1.307e+04	-3237.55	-4.244e+04
4	8	471	25.54	-25.54			25.54	3.376e+04	-4.843e+04	-1.171e+04	-2964.35	-4.086e+04
4	8	493	21.15	-30.71	-10.18	0.62	25.36	5.290e+04	-3.015e+04	2.610e+04	-3343.59	-3.883e+04
4	8	494	21.35	-30.58	-9.92	0.69	25.42	5.159e+04	-2.842e+04	2.566e+04	-2495.23	-3.745e+04
4	8	516	17.75	-36.22	-20.66	2.19	24.45	6.725e+04	-8099.45	5.725e+04	1899.74	-2.556e+04
4	8	517	18.19	-36.02	-20.23	2.40	24.63	6.562e+04	-7187.64	5.559e+04	2839.68	-2.509e+04
4	8	539	15.30	-41.41	-31.12	5.00	21.86	7.674e+04	1.367e+04	7.521e+04	1.520e+04	-9700.98
4	8	540	15.98	-41.20	-30.67	5.45	22.16	7.502e+04	1.369e+04	7.325e+04	1.546e+04	-1.027e+04
4	8	562	13.67	-45.66	-40.44	8.45	16.81	8.100e+04	3.340e+04	8.096e+04	3.343e+04	1276.57
4	8	563	14.55	-45.44	-40.07	9.18	17.12	7.946e+04	3.248e+04	7.946e+04	3.248e+04	175.65
4	11	10						-3237.55	-1.307e+04	-3237.55	-1.307e+04	
4	11	11						-2964.35	-1.171e+04	-2964.35	-1.171e+04	
4	11	56						-3237.55	-1.307e+04	-3896.38	-1.241e+04	2458.81
4	11	57						-2964.35	-1.171e+04	-3549.98	-1.112e+04	2185.61
4	11	79						-3237.55	-1.307e+04	-3896.38	-1.241e+04	-2458.81
4	11	80						-2964.35	-1.171e+04	-3549.98	-1.112e+04	-2185.61
4	11	102						-3237.55	-1.307e+04	-5696.35	-1.061e+04	4258.78
4	11	103						-2964.34	-1.171e+04	-5149.95	-9521.18	3785.58
4	11	125						-3237.55	-1.307e+04	-8155.16	-8155.17	4917.62
4	11	126						-2964.35	-1.171e+04	-7335.56	-7335.57	4371.22
4	11	148						-3237.55	-1.307e+04	-1.061e+04	-5696.36	4258.79
4	11	149						-2964.35	-1.171e+04	-9521.17	-5149.96	3785.59
4	11	171						-3237.55	-1.307e+04	-1.241e+04	-3896.39	2458.81
4	11	172						-2964.35	-1.171e+04	-1.112e+04	-3549.98	2185.61
4	11	194						-3237.55	-1.307e+04	-1.307e+04	-3237.55	
4	11	195						-2964.35	-1.171e+04	-1.171e+04	-2964.35	
4	11	217						-3237.55	-1.307e+04	-1.241e+04	-3896.39	-2458.81
4	11	218						-2964.35	-1.171e+04	-1.112e+04	-3549.98	-2185.61
4	11	240						-3237.55	-1.307e+04	-1.061e+04	-5696.36	-4258.79
4	11	241						-2964.35	-1.171e+04	-9521.17	-5149.96	-3785.59
4	11	263						-3237.55	-1.307e+04	-8155.16	-8155.17	-4917.62
4	11	264						-2964.35	-1.171e+04	-7335.56	-7335.57	-4371.22
4	11	286						-3237.55	-1.307e+04	-5696.35	-1.061e+04	-4258.78
4	11	287						-2964.34	-1.171e+04	-5149.95	-9521.18	-3785.58
4	11	309						-3237.55	-1.307e+04	-3896.38	-1.241e+04	-2458.81
4	11	310						-2964.35	-1.171e+04	-3549.98	-1.112e+04	-2185.61
4	11	332						-3237.55	-1.307e+04	-3237.55	-1.307e+04	
4	11	333						-2964.35	-1.171e+04	-2964.35	-1.171e+04	
4	11	355						-3237.55	-1.307e+04	-3896.38	-1.241e+04	2458.81
4	11	356						-2964.35	-1.171e+04	-3549.98	-1.112e+04	2185.61
4	11	378						-3237.55	-1.307e+04	-5696.35	-1.061e+04	4258.78
4	11	379						-2964.34	-1.171e+04	-5149.95	-9521.18	3785.58
4	11	401						-3237.55	-1.307e+04	-8155.16	-8155.17	4917.62
4	11	402						-2964.35	-1.171e+04	-7335.56	-7335.57	4371.22
4	11	424						-3237.55	-1.307e+04	-1.061e+04	-5696.36	4258.79
4	11	425						-2964.35	-1.171e+04	-9521.17	-5149.96	3785.59
4	11	447						-3237.55	-1.307e+04	-1.241e+04	-3896.39	2458.81
4	11	448						-2964.35	-1.171e+04	-1.112e+04	-3549.98	2185.61
4	11	470						-3237.55	-1.307e+04	-1.307e+04	-3237.55	
4	11	471						-2964.35	-1.171e+04	-1.171e+04	-2964.35	
4	11	493						-3237.55	-1.307e+04	-1.241e+04	-3896.39	-2458.81
4	11	494						-2964.35	-1.171e+04	-1.112e+04	-3549.98	-2185.61
4	11	516						-3237.55	-1.307e+04	-1.061e+04	-5696.36	-4258.79
4	11	517						-2964.35	-1.171e+04	-9521.17	-5149.96	-3785.59
4	11	539						-3237.55	-1.307e+04	-8155.16	-8155.17	-4917.62
4	11	540						-2964.35	-1.171e+04	-7335.56	-7335.57	-4371.22
4	11	562						-3237.55	-1.307e+04	-5696.35	-1.061e+04	-4258.78

4	11	563						-2964.34	-1.171e+04	-5149.95	-9521.18	-3785.58

M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-370.40	-370.40	-101.29	-191.52		-6.642e+05	-6.573e+05	-5.322e+05	-3.183e+05
			370.40		370.40	101.29	191.52	6.465e+05		6.426e+05	4.983e+05	3.183e+05

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	1	11	100.47	-319.26	-319.26	100.47		4.112e+05	3.755e+05	4.112e+05	3.755e+05	
5	1	12	101.98	-318.96	-318.96	101.98		4.059e+05	3.488e+05	4.059e+05	3.488e+05	
5	1	57	100.71	-312.04	-300.58	89.24	-67.83	4.471e+05	3.124e+05	4.274e+05	3.321e+05	-4.762e+04
5	1	58	102.16	-311.74	-300.21	90.62	-68.12	4.324e+05	2.962e+05	4.194e+05	3.092e+05	-3.994e+04
5	1	80	100.71	-312.04	-300.58	89.24	67.83	4.471e+05	3.124e+05	4.274e+05	3.321e+05	4.762e+04
5	1	81	102.16	-311.74	-300.21	90.62	68.12	4.324e+05	2.962e+05	4.194e+05	3.092e+05	3.994e+04
5	1	103	101.79	-291.27	-250.38	60.90	-120.00	4.667e+05	2.131e+05	4.569e+05	2.229e+05	-4.873e+04
5	1	104	103.06	-290.97	-249.86	61.95	-120.46	4.489e+05	2.034e+05	4.429e+05	2.094e+05	-3.796e+04
5	1	126	104.87	-259.58	-183.12	28.41	-148.39	4.549e+05	9.812e+04	4.543e+05	9.871e+04	1.449e+04
5	1	127	105.86	-259.29	-182.48	29.05	-148.82	4.366e+05	9.427e+04	4.352e+05	9.567e+04	2.186e+04
5	1	149	112.00	-221.40	-114.41	5.02	-155.64	4.120e+05	-2.419e+04	3.764e+05	1.137e+04	1.194e+05
5	1	150	112.65	-221.14	-113.81	5.32	-155.90	3.950e+05	-2.229e+04	3.579e+05	1.484e+04	1.188e+05
5	1	172	126.04	-182.66	-53.51	-3.11	-152.28	3.407e+05	-1.454e+05	2.110e+05	-1.565e+04	2.150e+05
5	1	173	126.33	-182.49	-53.14	-3.01	-152.36	3.265e+05	-1.380e+05	2.001e+05	-1.164e+04	2.067e+05
5	1	195	149.57	-149.57			-149.57	2.460e+05	-2.571e+05	-1.194e+04	819.42	2.514e+05
5	1	196	149.57	-149.57			-149.57	2.356e+05	-2.448e+05	-1.035e+04	1138.50	2.401e+05
5	1	218	182.66	-126.04	53.51	3.11	-152.28	1.341e+05	-3.517e+05	-2.332e+05	1.558e+04	2.086e+05
5	1	219	182.49	-126.33	53.14	3.01	-152.36	1.285e+05	-3.354e+05	-2.193e+05	1.238e+04	2.009e+05
5	1	241	221.40	-112.00	114.41	-5.02	-155.64	1.273e+04	-4.228e+05	-3.939e+05	-1.612e+04	1.083e+05
5	1	242	221.14	-112.65	113.81	-5.32	-155.90	1.245e+04	-4.036e+05	-3.728e+05	-1.831e+04	1.089e+05
5	1	264	259.58	-104.87	183.12	-28.41	-148.39	-1.098e+05	-4.654e+05	-4.654e+05	-1.098e+05	1731.23
5	1	265	259.29	-105.86	182.48	-29.05	-148.82	-1.046e+05	-4.448e+05	-4.444e+05	-1.049e+05	1.038e+04
5	1	287	291.27	-101.79	250.38	-60.90	-120.00	-2.253e+05	-4.768e+05	-4.617e+05	-2.404e+05	-5.978e+04
5	1	288	290.97	-103.06	249.86	-61.95	-120.46	-2.145e+05	-4.562e+05	-4.463e+05	-2.244e+05	-4.790e+04
5	1	310	312.04	-100.71	300.58	-89.24	-67.83	-3.256e+05	-4.561e+05	-4.275e+05	-3.543e+05	-5.401e+04
5	1	311	311.74	-102.16	300.21	-90.62	-68.12	-3.093e+05	-4.377e+05	-4.187e+05	-3.283e+05	-4.568e+04
5	1	333	319.26	-100.47	319.26	-100.47		-3.994e+05	-4.096e+05	-4.096e+05	-3.994e+05	
5	1	334	318.96	-101.98	318.96	-101.98		-3.695e+05	-4.036e+05	-4.036e+05	-3.695e+05	
5	1	356	312.04	-100.71	300.58	-89.24	67.83	-3.256e+05	-4.561e+05	-4.275e+05	-3.543e+05	5.401e+04
5	1	357	311.74	-102.16	300.21	-90.62	68.12	-3.093e+05	-4.377e+05	-4.187e+05	-3.283e+05	4.568e+04
5	1	379	291.27	-101.79	250.38	-60.90	120.00	-2.253e+05	-4.768e+05	-4.617e+05	-2.404e+05	5.978e+04
5	1	380	290.97	-103.06	249.86	-61.95	120.46	-2.145e+05	-4.562e+05	-4.463e+05	-2.244e+05	4.790e+04
5	1	402	259.58	-104.87	183.12	-28.41	148.39	-1.098e+05	-4.654e+05	-4.654e+05	-1.098e+05	-1731.23
5	1	403	259.29	-105.86	182.48	-29.05	148.82	-1.046e+05	-4.448e+05	-4.444e+05	-1.049e+05	-1.038e+04
5	1	425	221.40	-112.00	114.41	-5.02	155.64	1.273e+04	-4.228e+05	-3.939e+05	-1.612e+04	-1.083e+05
5	1	426	221.14	-112.65	113.81	-5.32	155.90	1.245e+04	-4.036e+05	-3.728e+05	-1.831e+04	-1.089e+05
5	1	448	182.66	-126.04	53.51	3.11	152.28	1.341e+05	-3.517e+05	-2.332e+05	1.558e+04	-2.086e+05
5	1	449	182.49	-126.33	53.14	3.01	152.36	1.285e+05	-3.354e+05	-2.193e+05	1.238e+04	-2.009e+05
5	1	471	149.57	-149.57			149.57	2.460e+05	-2.571e+05	-1.194e+04	819.42	-2.514e+05
5	1	472	149.57	-149.57			149.57	2.356e+05	-2.448e+05	-1.035e+04	1138.50	-2.401e+05
5	1	494	126.04	-182.66	-53.51	-3.11	152.28	3.407e+05	-1.454e+05	2.110e+05	-1.565e+04	-2.150e+05
5	1	495	126.33	-182.49	-53.14	-3.01	152.36	3.265e+05	-1.380e+05	2.001e+05	-1.164e+04	-2.067e+05
5	1	517	112.00	-221.40	-114.41	5.02	155.64	4.120e+05	-2.419e+04	3.764e+05	1.137e+04	-1.194e+05
5	1	518	112.65	-221.14	-113.81	5.32	155.90	3.950e+05	-2.229e+04	3.579e+05	1.484e+04	-1.188e+05
5	1	540	104.87	-259.58	-183.12	28.41	148.39	4.549e+05	9.812e+04	4.543e+05	9.871e+04	-1.449e+04
5	1	541	105.86	-259.29	-182.48	29.05	148.82	4.366e+05	9.427e+04	4.352e+05	9.567e+04	-2.186e+04
5	1	563	101.79	-291.27	-250.38	60.90	120.00	4.667e+05	2.131e+05	4.569e+05	2.229e+05	4.873e+04
5	1	564	103.06	-290.97	-249.86	61.95	120.46	4.489e+05	2.034e+05	4.429e+05	2.094e+05	3.796e+04
5	5	11	66.98	-212.84	-212.84	66.98		2.742e+05	2.491e+05	2.742e+05	2.491e+05	
5	5	12	67.99	-212.64	-212.64	67.99		2.707e+05	2.314e+05	2.707e+05	2.314e+05	
5	5	57	67.14	-208.03	-200.39	59.49	-45.22	2.977e+05	2.075e+05	2.849e+05	2.202e+05	-3.142e+04
5	5	58	68.10	-207.83	-200.14	60.42	-45.41	2.880e+05	1.968e+05	2.796e+05	2.051e+05	-2.633e+04
5	5	80	67.14	-208.03	-200.39	59.49	45.22	2.977e+05	2.075e+05	2.849e+05	2.202e+05	3.142e+04
5	5	81	68.10	-207.83	-200.14	60.42	45.41	2.880e+05	1.968e+05	2.796e+05	2.051e+05	2.633e+04
5	5	103	67.86	-194.18	-166.92	40.60	-80.00	3.106e+05	1.414e+05	3.044e+05	1.477e+05	-3.192e+04
5	5	104	68.71	-193.98	-166.57	41.30	-80.30	2.989e+05	1.350e+05	2.951e+05	1.388e+05	-2.480e+04
5	5	126	69.92	-173.06	-122.08	18.94	-98.93	3.027e+05	6.478e+04	3.023e+05	6.523e+04	1.032e+04
5	5	127	70.58	-172.86	-121.65	19.37	-99.22	2.907e+05	6.229e+04	2.897e+05	6.330e+04	1.516e+04
5	5	149	74.67	-147.60	-76.28	3.34	-103.76	2.741e+05	-1.674e+04	2.500e+05	7331.94	8.014e+04
5	5	150	75.10	-147.43	-75.87	3.55	-103.94	2.629e+05	-1.539e+04	2.378e+05	9709.66	7.972e+04
5	5	172	84.02	-121.78	-35.68	-2.08	-101.52	2.266e+05	-9.751e+04	1.395e+05	-1.045e+04	1.437e+05

5	5	173	84.22	-121.66	-35.43	-2.01	-101.57	2.172e+05	-9.249e+04	1.324e+05	-7728.90	1.381e+05
5	5	195	99.72	-99.72			-99.72	1.634e+05	-1.720e+05	-9192.11	621.94	1.676e+05
5	5	196	99.72	-99.72			-99.72	1.566e+05	-1.637e+05	-7965.35	867.29	1.601e+05
5	5	218	121.78	-84.02	35.68	2.08	-101.52	8.882e+04	-2.350e+05	-1.566e+05	1.038e+04	1.388e+05
5	5	219	121.66	-84.22	35.43	2.01	-101.57	8.517e+04	-2.241e+05	-1.472e+05	8280.13	1.337e+05
5	5	241	147.60	-74.67	76.28	-3.34	-103.76	7915.93	-2.824e+05	-2.635e+05	-1.100e+04	7.164e+04
5	5	242	147.43	-75.10	75.87	-3.55	-103.94	7808.71	-2.695e+05	-2.493e+05	-1.239e+04	7.207e+04
5	5	264	173.06	-69.92	122.08	-18.94	-98.93	-7.380e+04	-3.109e+05	-3.109e+05	-7.380e+04	501.56
5	5	265	172.86	-70.58	121.65	-19.37	-99.22	-7.022e+04	-2.970e+05	-2.968e+05	-7.040e+04	6329.59
5	5	287	194.18	-67.86	166.92	-40.60	-80.00	-1.508e+05	-3.184e+05	-3.080e+05	-1.611e+05	-4.042e+04
5	5	288	193.98	-68.71	166.57	-41.30	-80.30	-1.435e+05	-3.046e+05	-2.977e+05	-1.504e+05	-3.244e+04
5	5	310	208.03	-67.14	200.39	-59.49	-45.22	-2.177e+05	-3.046e+05	-2.850e+05	-2.373e+05	-3.633e+04
5	5	311	207.83	-68.10	200.14	-60.42	-45.41	-2.068e+05	-2.922e+05	-2.791e+05	-2.199e+05	-3.075e+04
5	5	333	212.84	-66.98	212.84	-66.98		-2.675e+05	-2.730e+05	-2.730e+05	-2.675e+05	
5	5	334	212.64	-67.99	212.64	-67.99		-2.474e+05	-2.689e+05	-2.689e+05	-2.474e+05	
5	5	356	208.03	-67.14	200.39	-59.49	45.22	-2.177e+05	-3.046e+05	-2.850e+05	-2.373e+05	3.633e+04
5	5	357	207.83	-68.10	200.14	-60.42	45.41	-2.068e+05	-2.922e+05	-2.791e+05	-2.199e+05	3.075e+04
5	5	379	194.18	-67.86	166.92	-40.60	80.00	-1.508e+05	-3.184e+05	-3.080e+05	-1.611e+05	4.042e+04
5	5	380	193.98	-68.71	166.57	-41.30	80.30	-1.435e+05	-3.046e+05	-2.977e+05	-1.504e+05	3.244e+04
5	5	402	173.06	-69.92	122.08	-18.94	98.93	-7.380e+04	-3.109e+05	-3.109e+05	-7.380e+04	-501.56
5	5	403	172.86	-70.58	121.65	-19.37	99.22	-7.022e+04	-2.970e+05	-2.968e+05	-7.040e+04	-6329.59
5	5	425	147.60	-74.67	76.28	-3.34	103.76	7915.93	-2.824e+05	-2.635e+05	-1.100e+04	-7.164e+04
5	5	426	147.43	-75.10	75.87	-3.55	103.94	7808.71	-2.695e+05	-2.493e+05	-1.239e+04	-7.207e+04
5	5	448	121.78	-84.02	35.68	2.08	101.52	8.882e+04	-2.350e+05	-1.566e+05	1.038e+04	-1.388e+05
5	5	449	121.66	-84.22	35.43	2.01	101.57	8.517e+04	-2.241e+05	-1.472e+05	8280.13	-1.337e+05
5	5	471	99.72	-99.72			99.72	1.634e+05	-1.720e+05	-9192.11	621.94	-1.676e+05
5	5	472	99.72	-99.72			99.72	1.566e+05	-1.637e+05	-7965.35	867.29	-1.601e+05
5	5	494	84.02	-121.78	-35.68	-2.08	101.52	2.266e+05	-9.751e+04	1.395e+05	-1.045e+04	-1.437e+05
5	5	495	84.22	-121.66	-35.43	-2.01	101.57	2.172e+05	-9.249e+04	1.324e+05	-7728.90	-1.381e+05
5	5	517	74.67	-147.60	-76.28	3.34	103.76	2.741e+05	-1.674e+04	2.500e+05	7331.94	-8.014e+04
5	5	518	75.10	-147.43	-75.87	3.55	103.94	2.629e+05	-1.539e+04	2.378e+05	9709.66	-7.972e+04
5	5	540	69.92	-173.06	-122.08	18.94	98.93	3.027e+05	6.478e+04	3.023e+05	6.523e+04	-1.032e+04
5	5	541	70.58	-172.86	-121.65	19.37	99.22	2.907e+05	6.229e+04	2.897e+05	6.330e+04	-1.516e+04
5	5	563	67.86	-194.18	-166.92	40.60	80.00	3.106e+05	1.414e+05	3.044e+05	1.477e+05	3.192e+04
5	5	564	68.71	-193.98	-166.57	41.30	80.30	2.989e+05	1.350e+05	2.951e+05	1.388e+05	2.480e+04
5	8	11	13.40	-42.57	-42.57	13.40		5.528e+04	4.244e+04	5.528e+04	4.244e+04	
5	8	12	13.60	-42.53	-42.53	13.60		5.477e+04	3.988e+04	5.477e+04	3.988e+04	
5	8	57	13.43	-41.61	-40.08	11.90	-9.04	5.781e+04	3.628e+04	5.690e+04	3.719e+04	-4328.15
5	8	58	13.62	-41.57	-40.03	12.08	-9.08	5.666e+04	3.452e+04	5.609e+04	3.509e+04	-3505.40
5	8	80	13.43	-41.61	-40.08	11.90	9.04	5.781e+04	3.628e+04	5.690e+04	3.719e+04	4328.15
5	8	81	13.62	-41.57	-40.03	12.08	9.08	5.666e+04	3.452e+04	5.609e+04	3.509e+04	3505.40
5	8	103	13.57	-38.84	-33.38	8.12	-16.00	5.961e+04	2.386e+04	5.936e+04	2.411e+04	-2994.93
5	8	104	13.74	-38.80	-33.31	8.26	-16.06	5.799e+04	2.302e+04	5.789e+04	2.313e+04	-1909.18
5	8	126	13.98	-34.61	-24.42	3.79	-19.79	5.773e+04	8834.77	5.699e+04	9576.48	5976.20
5	8	127	14.12	-34.57	-24.33	3.87	-19.84	5.598e+04	8847.20	5.505e+04	9776.92	6554.22
5	8	149	14.93	-29.52	-15.26	0.67	-20.75	5.185e+04	-7312.91	4.458e+04	-47.12	1.942e+04
5	8	150	15.02	-29.49	-15.17	0.71	-20.79	5.022e+04	-6483.11	4.292e+04	819.73	1.899e+04
5	8	172	16.80	-24.36	-7.14	-0.42	-20.30	4.225e+04	-2.337e+04	2.105e+04	-2170.60	3.069e+04
5	8	173	16.84	-24.33	-7.09	-0.40	-20.31	4.094e+04	-2.177e+04	2.055e+04	-1378.92	2.938e+04
5	8	195	19.94	-19.94			-19.94	2.955e+04	-3.821e+04	-9221.54	567.42	3.352e+04
5	8	196	19.94	-19.94			-19.94	2.872e+04	-3.591e+04	-7997.92	812.15	3.201e+04
5	8	218	24.36	-16.80	7.14	0.42	-20.30	1.460e+04	-5.079e+04	-3.818e+04	1993.97	2.579e+04
5	8	219	24.33	-16.84	7.09	0.40	-20.31	1.436e+04	-4.791e+04	-3.537e+04	1822.89	2.497e+04
5	8	241	29.52	-14.93	15.26	-0.67	-20.75	-1595.44	-6.025e+04	-5.813e+04	-3712.53	1.094e+04
5	8	242	29.49	-15.02	15.17	-0.71	-20.79	-1178.92	-5.693e+04	-5.451e+04	-3600.48	1.136e+04
5	8	264	34.61	-13.98	24.42	-3.79	-19.79	-1.793e+04	-6.595e+04	-6.564e+04	-1.823e+04	-3812.77
5	8	265	34.57	-14.12	24.33	-3.87	-19.84	-1.685e+04	-6.235e+04	-6.224e+04	-1.696e+04	-2255.85
5	8	287	38.84	-13.57	33.38	-8.12	-16.00	-3.325e+04	-6.753e+04	-6.312e+04	-3.766e+04	-1.147e+04
5	8	288	38.80	-13.74	33.31	-8.26	-16.06	-3.159e+04	-6.380e+04	-6.067e+04	-3.472e+04	-9538.93
5	8	310	41.61	-13.43	40.08	-11.90	-9.04	-4.638e+04	-6.503e+04	-5.708e+04	-5.432e+04	-9222.64
5	8	311	41.57	-13.62	40.03	-12.08	-9.08	-4.436e+04	-6.120e+04	-5.565e+04	-4.991e+04	-7910.45
5	8	333	42.57	-13.40	42.57	-13.40		-5.415e+04	-6.088e+04	-5.415e+04	-6.088e+04	
5	8	334	42.53	-13.60	42.53	-13.60		-5.315e+04	-5.588e+04	-5.315e+04	-5.588e+04	
5	8	356	41.61	-13.43	40.08	-11.90	9.04	-4.638e+04	-6.503e+04	-5.708e+04	-5.432e+04	9222.64
5	8	357	41.57	-13.62	40.03	-12.08	9.08	-4.436e+04	-6.120e+04	-5.565e+04	-4.991e+04	7910.45
5	8	379	38.84	-13.57	33.38	-8.12	16.00	-3.325e+04	-6.753e+04	-6.312e+04	-3.766e+04	1.147e+04
5	8	380	38.80	-13.74	33.31	-8.26	16.06	-3.159e+04	-6.380e+04	-6.067e+04	-3.472e+04	9538.93
5	8	402	34.61	-13.98	24.42	-3.79	19.79	-1.793e+04	-6.595e+04	-6.564e+04	-1.823e+04	3812.77
5	8	403	34.57	-14.12	24.33	-3.87	19.84	-1.685e+04	-6.235e+04	-6.224e+04	-1.696e+04	2255.85
5	8	425	29.52	-14.93	15.26	-0.67	20.75	-1595.44	-6.025e+04	-5.813e+04	-3712.53	-1.094e+04
5	8	426	29.49	-15.02	15.17	-0.71	20.79	-1178.92	-5.693e+04	-5.451e+04	-3600.48	-1.136e+04
5	8	448	24.36	-16.80	7.14	0.42	20.30	1.460e+04	-5.079e+04	-3.818e+04	1993.97	-2.579e+04
5	8	449	24.33	-16.84	7.09	0.40	20.31	1.436e+04	-4.791e+04	-3.537e+04	1822.89	-2.497e+04
5	8	471	19.94	-19.94			19.94	2.955e+04	-3.821e+04	-9221.54	567.42	-3.352e+04
5	8	472	19.94	-19.94			19.94	2.872e+04	-3.591e+04	-7997.92	812.15	-3.201e+04
5	8	494	16.80	-24.36	-7.14	-0.42	20.30	4.225e+04	-2.337e+04	2.105e+04	-2170.60	-3.069e+04
5	8	495	16.84	-24.33	-7.09	-0.40	20.31	4.094e+04	-2.177e+04	2.055e+04	-1378.92	-2.938e+04

5	8	517	14.93	-29.52	-15.26	0.67	20.75	5.185e+04	-7312.91	4.458e+04	-47.12	-1.942e+04
5	8	518	15.02	-29.49	-15.17	0.71	20.79	5.022e+04	-6483.11	4.292e+04	819.73	-1.899e+04
5	8	540	13.98	-34.61	-24.42	3.79	19.79	5.773e+04	8834.77	5.699e+04	9576.48	-5976.20
5	8	541	14.12	-34.57	-24.33	3.87	19.84	5.598e+04	8847.20	5.505e+04	9776.92	-6554.22
5	8	563	13.57	-38.84	-33.38	8.12	16.00	5.961e+04	2.386e+04	5.936e+04	2.411e+04	2994.93
5	8	564	13.74	-38.80	-33.31	8.26	16.06	5.799e+04	2.302e+04	5.789e+04	2.313e+04	1909.18
5	11	11						567.42	-9221.54	567.42	-9221.54	
5	11	12						812.15	-7997.92	812.15	-7997.92	
5	11	57						567.42	-9221.54	-88.32	-8565.80	2447.25
5	11	58						812.15	-7997.92	221.98	-7407.76	2202.52
5	11	80						567.42	-9221.54	-88.32	-8565.80	-2447.25
5	11	81						812.15	-7997.92	221.98	-7407.76	-2202.52
5	11	103						567.42	-9221.54	-1879.82	-6774.30	4238.75
5	11	104						812.14	-7997.92	-1390.38	-5795.40	3814.87
5	11	126						567.43	-9221.54	-4327.06	-4327.06	4894.49
5	11	127						812.15	-7997.92	-3592.88	-3592.89	4405.04
5	11	149						567.42	-9221.54	-6774.30	-1879.82	4238.75
5	11	150						812.14	-7997.92	-5795.40	-1390.37	3814.87
5	11	172						567.42	-9221.54	-8565.81	-88.31	2447.24
5	11	173						812.15	-7997.92	-7407.76	221.99	2202.52
5	11	195						567.42	-9221.54	-9221.54	567.42	
5	11	196						812.15	-7997.92	-7997.92	812.15	
5	11	218						567.42	-9221.54	-8565.81	-88.31	-2447.24
5	11	219						812.15	-7997.92	-7407.76	221.99	-2202.52
5	11	241						567.42	-9221.54	-6774.30	-1879.82	-4238.75
5	11	242						812.14	-7997.92	-5795.40	-1390.37	-3814.87
5	11	264						567.43	-9221.54	-4327.06	-4327.06	-4894.49
5	11	265						812.15	-7997.92	-3592.88	-3592.89	-4405.04
5	11	287						567.42	-9221.54	-1879.82	-6774.30	-4238.75
5	11	288						812.14	-7997.92	-1390.38	-5795.40	-3814.87
5	11	310						567.42	-9221.54	-88.32	-8565.80	-2447.25
5	11	311						812.15	-7997.92	221.98	-7407.76	-2202.52
5	11	333						567.42	-9221.54	567.42	-9221.54	
5	11	334						812.15	-7997.92	812.15	-7997.92	
5	11	356						567.42	-9221.54	-88.32	-8565.80	2447.25
5	11	357						812.15	-7997.92	221.98	-7407.76	2202.52
5	11	379						567.42	-9221.54	-1879.82	-6774.30	4238.75
5	11	380						812.14	-7997.92	-1390.38	-5795.40	3814.87
5	11	402						567.43	-9221.54	-4327.06	-4327.06	4894.49
5	11	403						812.15	-7997.92	-3592.88	-3592.89	4405.04
5	11	425						567.42	-9221.54	-6774.30	-1879.82	4238.75
5	11	426						812.14	-7997.92	-5795.40	-1390.37	3814.87
5	11	448						567.42	-9221.54	-8565.81	-88.31	2447.24
5	11	449						812.15	-7997.92	-7407.76	221.99	2202.52
5	11	471						567.42	-9221.54	-9221.54	567.42	
5	11	472						812.15	-7997.92	-7997.92	812.15	
5	11	494						567.42	-9221.54	-8565.81	-88.31	-2447.24
5	11	495						812.15	-7997.92	-7407.76	221.99	-2202.52
5	11	517						567.42	-9221.54	-6774.30	-1879.82	-4238.75
5	11	518						812.14	-7997.92	-5795.40	-1390.37	-3814.87
5	11	540						567.43	-9221.54	-4327.06	-4327.06	-4894.49
5	11	541						812.15	-7997.92	-3592.88	-3592.89	-4405.04
5	11	563						567.42	-9221.54	-1879.82	-6774.30	-4238.75
5	11	564						812.14	-7997.92	-1390.38	-5795.40	-3814.87

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-319.26	-319.26	-101.98	-155.90		-4.768e+05	-4.654e+05	-3.994e+05	-2.514e+05
	319.26		319.26	101.98	155.90	4.667e+05		4.569e+05	3.755e+05	2.514e+05

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	1	12	100.56	-274.31	-274.31	100.56		2.758e+05	2.671e+05	2.671e+05	2.758e+05	
6	1	13	99.22	-274.57	-274.57	99.22		2.625e+05	2.529e+05	2.625e+05	2.529e+05	
6	1	58	99.75	-267.58	-256.15	88.32	-63.77	3.123e+05	2.119e+05	2.836e+05	2.406e+05	-4.531e+04
6	1	59	98.46	-267.84	-256.48	87.10	-63.51	2.966e+05	2.011e+05	2.768e+05	2.209e+05	-3.872e+04
6	1	81	99.75	-267.58	-256.15	88.32	63.77	3.123e+05	2.119e+05	2.836e+05	2.406e+05	4.531e+04
6	1	82	98.46	-267.84	-256.48	87.10	63.51	2.966e+05	2.011e+05	2.768e+05	2.209e+05	3.872e+04
6	1	104	97.70	-248.18	-208.07	57.60	-110.74	3.314e+05	1.381e+05	3.169e+05	1.526e+05	-5.089e+04
6	1	105	96.58	-248.44	-208.54	56.68	-110.34	3.148e+05	1.311e+05	3.048e+05	1.411e+05	-4.165e+04

6	1	127	95.69	-218.55	-145.82	22.96	-132.53	3.279e+05	5.467e+04	3.279e+05	5.468e+04	-1381.12
6	1	128	94.81	-218.80	-146.38	22.39	-132.16	3.116e+05	5.195e+04	3.115e+05	5.204e+04	4946.94
6	1	150	96.08	-182.95	-86.09	-0.79	-132.84	3.019e+05	-3.270e+04	2.791e+05	-9921.68	8.428e+04
6	1	151	95.50	-183.17	-86.62	-1.06	-132.61	2.871e+05	-3.086e+04	2.632e+05	-6966.77	8.382e+04
6	1	173	102.58	-147.55	-38.11	-6.86	-124.09	2.552e+05	-1.180e+05	1.591e+05	-2.194e+04	1.632e+05
6	1	174	102.32	-147.71	-38.44	-6.95	-124.02	2.429e+05	-1.117e+05	1.498e+05	-1.851e+04	1.561e+05
6	1	196	119.34	-119.34			-119.34	1.910e+05	-1.955e+05	-8071.11	3592.49	1.932e+05
6	1	197	119.34	-119.34			-119.34	1.821e+05	-1.850e+05	-6745.70	3857.57	1.835e+05
6	1	219	147.55	-102.58	38.11	6.86	-124.09	1.137e+05	-2.599e+05	-1.737e+05	2.756e+04	1.574e+05
6	1	220	147.71	-102.32	38.44	6.95	-124.02	1.088e+05	-2.458e+05	-1.618e+05	2.481e+04	1.508e+05
6	1	242	182.95	-96.08	86.09	0.79	-132.84	2.858e+04	-3.067e+05	-2.894e+05	1.127e+04	7.418e+04
6	1	243	183.17	-95.50	86.62	1.06	-132.61	2.799e+04	-2.900e+05	-2.714e+05	9380.28	7.464e+04
6	1	265	218.55	-95.69	145.82	-22.96	-132.53	-5.853e+04	-3.330e+05	-3.324e+05	-5.916e+04	-1.304e+04
6	1	266	218.80	-94.81	146.38	-22.39	-132.16	-5.481e+04	-3.145e+05	-3.144e+05	-5.493e+04	-5656.32
6	1	288	248.18	-97.70	208.07	-57.60	-110.74	-1.415e+05	-3.369e+05	-3.156e+05	-1.629e+05	-6.100e+04
6	1	289	248.44	-96.58	208.54	-56.68	-110.34	-1.339e+05	-3.178e+05	-3.024e+05	-1.493e+05	-5.084e+04
6	1	311	267.58	-99.75	256.15	-88.32	-63.77	-2.142e+05	-3.190e+05	-2.780e+05	-2.552e+05	-5.114e+04
6	1	312	267.84	-98.46	256.48	-87.10	-63.51	-2.039e+05	-2.996e+05	-2.705e+05	-2.330e+05	-4.402e+04
6	1	334	274.31	-100.56	274.31	-100.56		-2.599e+05	-2.919e+05	-2.599e+05	-2.919e+05	
6	1	335	274.57	-99.22	274.57	-99.22		-2.548e+05	-2.664e+05	-2.548e+05	-2.664e+05	
6	1	357	267.58	-99.75	256.15	-88.32	63.77	-2.142e+05	-3.190e+05	-2.780e+05	-2.552e+05	5.114e+04
6	1	358	267.84	-98.46	256.48	-87.10	63.51	-2.039e+05	-2.996e+05	-2.705e+05	-2.330e+05	4.402e+04
6	1	380	248.18	-97.70	208.07	-57.60	110.74	-1.415e+05	-3.369e+05	-3.156e+05	-1.629e+05	6.100e+04
6	1	381	248.44	-96.58	208.54	-56.68	110.34	-1.339e+05	-3.178e+05	-3.024e+05	-1.493e+05	5.084e+04
6	1	403	218.55	-95.69	145.82	-22.96	132.53	-5.853e+04	-3.330e+05	-3.324e+05	-5.916e+04	1.304e+04
6	1	404	218.80	-94.81	146.38	-22.39	132.16	-5.481e+04	-3.145e+05	-3.144e+05	-5.493e+04	5656.32
6	1	426	182.95	-96.08	86.09	0.79	132.84	2.858e+04	-3.067e+05	-2.894e+05	1.127e+04	-7.418e+04
6	1	427	183.17	-95.50	86.62	1.06	132.61	2.799e+04	-2.900e+05	-2.714e+05	9380.28	-7.464e+04
6	1	449	147.55	-102.58	38.11	6.86	124.09	1.137e+05	-2.599e+05	-1.737e+05	2.756e+04	-1.574e+05
6	1	450	147.71	-102.32	38.44	6.95	124.02	1.088e+05	-2.458e+05	-1.618e+05	2.481e+04	-1.508e+05
6	1	472	119.34	-119.34			119.34	1.910e+05	-1.955e+05	-8071.11	3592.49	-1.932e+05
6	1	473	119.34	-119.34			119.34	1.821e+05	-1.850e+05	-6745.70	3857.57	-1.835e+05
6	1	495	102.58	-147.55	-38.11	-6.86	124.09	2.552e+05	-1.180e+05	1.591e+05	-2.194e+04	-1.632e+05
6	1	496	102.32	-147.71	-38.44	-6.95	124.02	2.429e+05	-1.117e+05	1.498e+05	-1.851e+04	-1.561e+05
6	1	518	96.08	-182.95	-86.09	-0.79	132.84	3.019e+05	-3.270e+04	2.791e+05	-9921.68	-8.428e+04
6	1	519	95.50	-183.17	-86.62	-1.06	132.61	2.871e+05	-3.086e+04	2.632e+05	-6966.77	-8.382e+04
6	1	541	95.69	-218.55	-145.82	22.96	132.53	3.279e+05	5.467e+04	3.279e+05	5.468e+04	1381.12
6	1	542	94.81	-218.80	-146.38	22.39	132.16	3.116e+05	5.195e+04	3.115e+05	5.204e+04	-4946.94
6	1	564	97.70	-248.18	-208.07	57.60	110.74	3.314e+05	1.381e+05	3.169e+05	1.526e+05	5.089e+04
6	1	565	96.58	-248.44	-208.54	56.68	110.34	3.148e+05	1.311e+05	3.048e+05	1.411e+05	4.165e+04
6	5	12	67.04	-182.87	-182.87	67.04		1.830e+05	1.784e+05	1.784e+05	1.830e+05	
6	5	13	66.15	-183.05	-183.05	66.15		1.754e+05	1.679e+05	1.754e+05	1.679e+05	
6	5	58	66.50	-178.38	-170.77	58.88	-42.51	2.079e+05	1.411e+05	1.894e+05	1.596e+05	-2.991e+04
6	5	59	65.64	-178.56	-170.98	58.07	-42.34	1.976e+05	1.339e+05	1.848e+05	1.467e+05	-2.554e+04
6	5	81	66.50	-178.38	-170.77	58.88	42.51	2.079e+05	1.411e+05	1.894e+05	1.596e+05	2.991e+04
6	5	82	65.64	-178.56	-170.98	58.07	42.34	1.976e+05	1.339e+05	1.848e+05	1.467e+05	2.554e+04
6	5	104	65.14	-165.45	-138.72	38.40	-73.83	2.207e+05	9.187e+04	2.113e+05	1.012e+05	-3.341e+04
6	5	105	64.38	-165.62	-139.02	37.78	-73.56	2.098e+05	8.721e+04	2.033e+05	9.363e+04	-2.730e+04
6	5	127	63.79	-145.70	-97.21	15.31	-88.36	2.183e+05	3.622e+04	2.183e+05	3.622e+04	-324.15
6	5	128	63.20	-145.87	-97.59	14.93	-88.10	2.076e+05	3.446e+04	2.075e+05	3.454e+04	3840.32
6	5	150	64.05	-121.97	-57.39	-0.53	-88.56	2.010e+05	-2.204e+04	1.855e+05	-6551.58	5.670e+04
6	5	151	63.67	-122.12	-57.75	-0.70	-88.40	1.913e+05	-2.075e+04	1.750e+05	-4527.41	5.635e+04
6	5	173	68.39	-98.37	-25.41	-4.57	-82.73	1.699e+05	-7.893e+04	1.053e+05	-1.435e+04	1.091e+05
6	5	174	68.21	-98.47	-25.63	-4.63	-82.68	1.618e+05	-7.462e+04	9.921e+04	-1.203e+04	1.043e+05
6	5	196	79.56	-79.56			-79.56	1.271e+05	-1.306e+05	-6212.76	2756.16	1.288e+05
6	5	197	79.56	-79.56			-79.56	1.213e+05	-1.235e+05	-5193.56	2960.00	1.223e+05
6	5	219	98.37	-68.39	25.41	4.57	-82.73	7.560e+04	-1.735e+05	-1.166e+05	1.866e+04	1.046e+05
6	5	220	98.47	-68.21	25.63	4.63	-82.68	7.240e+04	-1.641e+05	-1.085e+05	1.685e+04	1.002e+05
6	5	242	121.97	-64.05	57.39	0.53	-88.56	1.886e+04	-2.048e+05	-1.935e+05	7579.45	4.894e+04
6	5	243	122.12	-63.67	57.75	0.70	-88.40	1.853e+04	-1.935e+05	-1.814e+05	6370.63	4.929e+04
6	5	265	145.70	-63.79	97.21	-15.31	-88.36	-3.920e+04	-2.223e+05	-2.218e+05	-3.967e+04	-9293.07
6	5	266	145.87	-63.20	97.59	-14.93	-88.10	-3.667e+04	-2.099e+05	-2.098e+05	-3.678e+04	-4313.24
6	5	288	165.45	-65.14	138.72	-38.40	-73.83	-9.451e+04	-2.250e+05	-2.103e+05	-1.092e+05	-4.118e+04
6	5	289	165.62	-64.38	139.02	-37.78	-73.56	-8.941e+04	-2.120e+05	-2.015e+05	-9.994e+04	-3.436e+04
6	5	311	178.38	-66.50	170.77	-58.88	-42.51	-1.428e+05	-2.131e+05	-1.851e+05	-1.709e+05	-3.439e+04
6	5	312	178.56	-65.64	170.98	-58.07	-42.34	-1.360e+05	-1.999e+05	-1.800e+05	-1.560e+05	-2.962e+04
6	5	334	182.87	-67.04	182.87	-67.04		-1.729e+05	-1.955e+05	-1.729e+05	-1.955e+05	
6	5	335	183.05	-66.15	183.05	-66.15		-1.695e+05	-1.783e+05	-1.695e+05	-1.783e+05	
6	5	357	178.38	-66.50	170.77	-58.88	42.51	-1.428e+05	-2.131e+05	-1.851e+05	-1.709e+05	3.439e+04
6	5	358	178.56	-65.64	170.98	-58.07	42.34	-1.360e+05	-1.999e+05	-1.800e+05	-1.560e+05	2.962e+04
6	5	380	165.45	-65.14	138.72	-38.40	73.83	-9.451e+04	-2.250e+05	-2.103e+05	-1.092e+05	4.118e+04
6	5	381	165.62	-64.38	139.02	-37.78	73.56	-8.941e+04	-2.120e+05	-2.015e+05	-9.994e+04	3.436e+04
6	5	403	145.70	-63.79	97.21	-15.31	88.36	-3.920e+04	-2.223e+05	-2.218e+05	-3.967e+04	9293.07
6	5	404	145.87	-63.20	97.59	-14.93	88.10	-3.667e+04	-2.099e+05	-2.098e+05	-3.678e+04	4313.24
6	5	426	121.97	-64.05	57.39	0.53	88.56	1.886e+04	-2.048e+05	-1.935e+05	7579.45	-4.894e+04
6	5	427	122.12	-63.67	57.75	0.70	88.40	1.853e+04	-1.935e+05	-1.814e+05	6370.63	-4.929e+04
6	5	449	98.37	-68.39	25.41	4.57	82.73	7.560e+04	-1.735e+05	-1.166e+05	1.866e+04	-1.046e+05

6	5	450	98.47	-68.21	25.63	4.63	82.68	7.240e+04	-1.641e+05	-1.085e+05	1.685e+04	-1.002e+05
6	5	472	79.56	-79.56			79.56	1.271e+05	-1.306e+05	-6212.76	2756.16	-1.288e+05
6	5	473	79.56	-79.56			79.56	1.213e+05	-1.235e+05	-5193.56	2960.00	-1.223e+05
6	5	495	68.39	-98.37	-25.41	-4.57	82.73	1.699e+05	-7.893e+04	1.053e+05	-1.435e+04	-1.091e+05
6	5	496	68.21	-98.47	-25.63	-4.63	82.68	1.618e+05	-7.462e+04	9.921e+04	-1.203e+04	-1.043e+05
6	5	518	64.05	-121.97	-57.39	-0.53	88.56	2.010e+05	-2.204e+04	1.855e+05	-6551.58	-5.670e+04
6	5	519	63.67	-122.12	-57.75	-0.70	88.40	1.913e+05	-2.075e+04	1.750e+05	-4527.41	-5.635e+04
6	5	541	63.79	-145.70	-97.21	15.31	88.36	2.183e+05	3.622e+04	2.183e+05	3.622e+04	324.15
6	5	542	63.20	-145.87	-97.59	14.93	88.10	2.076e+05	3.446e+04	2.075e+05	3.454e+04	-3840.32
6	5	564	65.14	-165.45	-138.72	38.40	73.83	2.207e+05	9.187e+04	2.113e+05	1.012e+05	3.341e+04
6	5	565	64.38	-165.62	-139.02	37.78	73.56	2.098e+05	8.721e+04	2.033e+05	9.363e+04	2.730e+04
6	8	12	13.41	-36.57	-36.57	13.41		3.784e+04	3.161e+04	3.784e+04	3.161e+04	
6	8	13	13.23	-36.61	-36.61	13.23		3.739e+04	2.939e+04	3.739e+04	2.939e+04	
6	8	58	13.30	-35.68	-34.15	11.78	-8.50	4.086e+04	2.610e+04	3.955e+04	2.741e+04	-4192.93
6	8	59	13.13	-35.71	-34.20	11.61	-8.47	3.971e+04	2.473e+04	3.885e+04	2.558e+04	-3481.88
6	8	81	13.30	-35.68	-34.15	11.78	8.50	4.086e+04	2.610e+04	3.955e+04	2.741e+04	4192.93
6	8	82	13.13	-35.71	-34.20	11.61	8.47	3.971e+04	2.473e+04	3.885e+04	2.558e+04	3481.88
6	8	104	13.03	-33.09	-27.74	7.68	-14.77	4.313e+04	1.654e+04	4.264e+04	1.703e+04	-3584.34
6	8	105	12.88	-33.12	-27.80	7.56	-14.71	4.164e+04	1.589e+04	4.136e+04	1.617e+04	-2643.41
6	8	127	12.76	-29.14	-19.44	3.06	-17.67	4.258e+04	5487.56	4.225e+04	5823.22	3512.72
6	8	128	12.64	-29.17	-19.52	2.99	-17.62	4.103e+04	5515.10	4.057e+04	5976.15	4020.38
6	8	150	12.81	-24.39	-11.48	-0.11	-17.71	3.911e+04	-6147.66	3.390e+04	-941.58	1.444e+04
6	8	151	12.73	-24.42	-11.55	-0.14	-17.68	3.769e+04	-5447.71	3.245e+04	-211.51	1.409e+04
6	8	173	13.68	-19.67	-5.08	-0.91	-16.55	3.290e+04	-1.754e+04	1.655e+04	-1191.11	2.361e+04
6	8	174	13.64	-19.69	-5.13	-0.93	-16.54	3.176e+04	-1.619e+04	1.609e+04	-520.85	2.249e+04
6	8	196	15.91	-15.91			-15.91	2.438e+04	-2.791e+04	-6240.14	2708.74	2.576e+04
6	8	197	15.91	-15.91			-15.91	2.364e+04	-2.596e+04	-5223.22	2912.13	2.446e+04
6	8	219	19.67	-13.68	5.08	0.91	-16.55	1.413e+04	-3.655e+04	-2.783e+04	5409.68	1.913e+04
6	8	220	19.69	-13.64	5.13	0.93	-16.54	1.388e+04	-3.408e+04	-2.545e+04	5255.18	1.842e+04
6	8	242	24.39	-12.81	11.48	0.11	-17.71	2883.65	-4.290e+04	-4.191e+04	1884.63	6689.18
6	8	243	24.42	-12.73	11.55	0.14	-17.68	3149.24	-4.001e+04	-3.883e+04	1968.10	7041.45
6	8	265	29.14	-12.76	19.44	-3.06	-17.67	-8560.62	-4.657e+04	-4.578e+04	-9354.60	-5436.16
6	8	266	29.17	-12.64	19.52	-2.99	-17.62	-7804.54	-4.337e+04	-4.288e+04	-8287.24	-4114.96
6	8	288	33.09	-13.03	27.74	-7.68	-14.77	-1.930e+04	-4.743e+04	-4.169e+04	-2.504e+04	-1.133e+04
6	8	289	33.12	-12.88	27.80	-7.56	-14.71	-1.817e+04	-4.399e+04	-3.961e+04	-2.255e+04	-9688.83
6	8	311	35.68	-13.30	34.15	-11.78	-8.50	-2.818e+04	-4.584e+04	-3.533e+04	-3.869e+04	-8667.36
6	8	312	35.71	-13.13	34.20	-11.61	-8.47	-2.697e+04	-4.209e+04	-3.411e+04	-3.494e+04	-7549.55
6	8	334	36.57	-13.41	36.57	-13.41		-3.242e+04	-4.409e+04	-3.242e+04	-4.409e+04	
6	8	335	36.61	-13.23	36.61	-13.23		-3.157e+04	-3.984e+04	-3.157e+04	-3.984e+04	
6	8	357	35.68	-13.30	34.15	-11.78	8.50	-2.818e+04	-4.584e+04	-3.533e+04	-3.869e+04	8667.36
6	8	358	35.71	-13.13	34.20	-11.61	8.47	-2.697e+04	-4.209e+04	-3.411e+04	-3.494e+04	7549.55
6	8	380	33.09	-13.03	27.74	-7.68	14.77	-1.930e+04	-4.743e+04	-4.169e+04	-2.504e+04	1.133e+04
6	8	381	33.12	-12.88	27.80	-7.56	14.71	-1.817e+04	-4.399e+04	-3.961e+04	-2.255e+04	9688.83
6	8	403	29.14	-12.76	19.44	-3.06	17.67	-8560.62	-4.657e+04	-4.578e+04	-9354.60	5436.16
6	8	404	29.17	-12.64	19.52	-2.99	17.62	-7804.54	-4.337e+04	-4.288e+04	-8287.24	4114.96
6	8	426	24.39	-12.81	11.48	0.11	17.71	2883.65	-4.290e+04	-4.191e+04	1884.63	-6689.18
6	8	427	24.42	-12.73	11.55	0.14	17.68	3149.24	-4.001e+04	-3.883e+04	1968.10	-7041.45
6	8	449	19.67	-13.68	5.08	0.91	16.55	1.413e+04	-3.655e+04	-2.783e+04	5409.68	-1.913e+04
6	8	450	19.69	-13.64	5.13	0.93	16.54	1.388e+04	-3.408e+04	-2.545e+04	5255.18	-1.842e+04
6	8	472	15.91	-15.91			15.91	2.438e+04	-2.791e+04	-6240.14	2708.74	-2.576e+04
6	8	473	15.91	-15.91			15.91	2.364e+04	-2.596e+04	-5223.22	2912.13	-2.446e+04
6	8	495	13.68	-19.67	-5.08	-0.91	16.55	3.290e+04	-1.754e+04	1.655e+04	-1191.11	-2.361e+04
6	8	496	13.64	-19.69	-5.13	-0.93	16.54	3.176e+04	-1.619e+04	1.609e+04	-520.85	-2.249e+04
6	8	518	12.81	-24.39	-11.48	-0.11	17.71	3.911e+04	-6147.66	3.390e+04	-941.58	-1.444e+04
6	8	519	12.73	-24.42	-11.55	-0.14	17.68	3.769e+04	-5447.71	3.245e+04	-211.51	-1.409e+04
6	8	541	12.76	-29.14	-19.44	3.06	17.67	4.258e+04	5487.56	4.225e+04	5823.22	-3512.72
6	8	542	12.64	-29.17	-19.52	2.99	17.62	4.103e+04	5515.10	4.057e+04	5976.15	-4020.38
6	8	564	13.03	-33.09	-27.74	7.68	14.77	4.313e+04	1.654e+04	4.264e+04	1.703e+04	3584.34
6	8	565	12.88	-33.12	-27.80	7.56	14.71	4.164e+04	1.589e+04	4.136e+04	1.617e+04	2643.41
6	11	12						2708.74	-6240.14	2708.74	-6240.14	
6	11	13						2912.13	-5223.22	2912.13	-5223.22	
6	11	58						2708.74	-6240.14	2109.28	-5640.68	2237.22
6	11	59						2912.13	-5223.22	2367.17	-4678.25	2033.83
6	11	81						2708.74	-6240.14	2109.28	-5640.68	-2237.22
6	11	82						2912.13	-5223.22	2367.17	-4678.25	-2033.83
6	11	104						2708.75	-6240.13	471.53	-4002.91	3874.98
6	11	105						2912.13	-5223.22	878.29	-3189.38	3522.71
6	11	127						2708.74	-6240.14	-1765.70	-1765.69	4474.44
6	11	128						2912.13	-5223.22	-1155.55	-1155.54	4067.67
6	11	150						2708.75	-6240.14	-4002.92	471.53	3874.98
6	11	151						2912.13	-5223.22	-3189.38	878.29	3522.71
6	11	173						2708.74	-6240.14	-5640.67	2109.28	2237.22
6	11	174						2912.13	-5223.22	-4678.25	2367.16	2033.84
6	11	196						2708.74	-6240.14	-6240.14	2708.74	
6	11	197						2912.13	-5223.22	-5223.22	2912.13	
6	11	219						2708.74	-6240.14	-5640.67	2109.28	-2237.22
6	11	220						2912.13	-5223.22	-4678.25	2367.16	-2033.84

6	11	242					2708.75	-6240.14	-4002.92	471.53	-3874.98
6	11	243					2912.13	-5223.22	-3189.38	878.29	-3522.71
6	11	265					2708.74	-6240.14	-1765.70	-1765.69	-4474.44
6	11	266					2912.13	-5223.22	-1155.55	-1155.54	-4067.67
6	11	288					2708.75	-6240.13	471.53	-4002.91	-3874.98
6	11	289					2912.13	-5223.22	878.29	-3189.38	-3522.71
6	11	311					2708.74	-6240.14	2109.28	-5640.68	-2237.22
6	11	312					2912.13	-5223.22	2367.17	-4678.25	-2033.83
6	11	334					2708.74	-6240.14	2708.74	-6240.14	
6	11	335					2912.13	-5223.22	2912.13	-5223.22	
6	11	357					2708.74	-6240.14	2109.28	-5640.68	2237.22
6	11	358					2912.13	-5223.22	2367.17	-4678.25	2033.83
6	11	380					2708.75	-6240.13	471.53	-4002.91	3874.98
6	11	381					2912.13	-5223.22	878.29	-3189.38	3522.71
6	11	403					2708.74	-6240.14	-1765.70	-1765.69	4474.44
6	11	404					2912.13	-5223.22	-1155.55	-1155.54	4067.67
6	11	426					2708.75	-6240.14	-4002.92	471.53	3874.98
6	11	427					2912.13	-5223.22	-3189.38	878.29	3522.71
6	11	449					2708.74	-6240.14	-5640.67	2109.28	2237.22
6	11	450					2912.13	-5223.22	-4678.25	2367.16	2033.84
6	11	472					2708.74	-6240.14	-6240.14	2708.74	
6	11	473					2912.13	-5223.22	-5223.22	2912.13	
6	11	495					2708.74	-6240.14	-5640.67	2109.28	-2237.22
6	11	496					2912.13	-5223.22	-4678.25	2367.16	-2033.84
6	11	518					2708.75	-6240.14	-4002.92	471.53	-3874.98
6	11	519					2912.13	-5223.22	-3189.38	878.29	-3522.71
6	11	541					2708.74	-6240.14	-1765.70	-1765.69	-4474.44
6	11	542					2912.13	-5223.22	-1155.55	-1155.54	-4067.67
6	11	564					2708.75	-6240.13	471.53	-4002.91	-3874.98
6	11	565					2912.13	-5223.22	878.29	-3189.38	-3522.71

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-274.57	-274.57	-100.56	-132.84		-3.369e+05	-3.324e+05	-2.919e+05	-1.932e+05
	274.57		274.57	100.56	132.84	3.314e+05		3.279e+05	2.758e+05	1.932e+05

Macro	Tipo	Angolo 1-X (gradi)
7	**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
7	1	13	97.29	-234.16	-234.16	97.29		1.978e+05	1.632e+05	1.632e+05	1.978e+05	
7	1	14	94.79	-234.66	-234.66	94.79		1.793e+05	1.595e+05	1.595e+05	1.793e+05	
7	1	59	95.90	-228.11	-217.19	84.99	-58.46	2.151e+05	1.337e+05	1.787e+05	1.701e+05	-4.047e+04
7	1	60	93.50	-228.60	-217.80	82.71	-57.97	2.001e+05	1.273e+05	1.731e+05	1.542e+05	-3.515e+04
7	1	82	95.90	-228.11	-217.19	84.99	58.46	2.151e+05	1.337e+05	1.787e+05	1.701e+05	4.047e+04
7	1	83	93.50	-228.60	-217.80	82.71	57.97	2.001e+05	1.273e+05	1.731e+05	1.542e+05	3.515e+04
7	1	105	92.12	-210.65	-172.72	54.19	-100.22	2.296e+05	8.305e+04	2.114e+05	1.012e+05	-4.830e+04
7	1	106	90.00	-211.12	-173.58	52.46	-99.47	2.152e+05	7.837e+04	2.017e+05	9.191e+04	-4.085e+04
7	1	128	87.14	-183.92	-116.48	19.70	-117.18	2.298e+05	2.541e+04	2.292e+05	2.597e+04	-1.074e+04
7	1	129	85.47	-184.37	-117.53	18.64	-116.48	2.162e+05	2.367e+04	2.160e+05	2.384e+04	-5630.88
7	1	151	83.34	-151.77	-65.00	-3.43	-113.45	2.148e+05	-3.444e+04	2.010e+05	-2.067e+04	5.694e+04
7	1	152	82.24	-152.17	-66.00	-3.93	-113.02	2.027e+05	-3.278e+04	1.882e+05	-1.830e+04	5.657e+04
7	1	174	84.71	-120.13	-27.07	-8.35	-101.99	1.854e+05	-9.223e+04	1.166e+05	-2.345e+04	1.199e+05
7	1	175	84.21	-120.41	-27.68	-8.52	-101.86	1.755e+05	-8.708e+04	1.091e+05	-2.069e+04	1.141e+05
7	1	197	96.29	-96.29			-96.29	1.436e+05	-1.440e+05	-5221.86	4871.05	1.437e+05
7	1	198	96.29	-96.29			-96.29	1.364e+05	-1.355e+05	-4170.51	5081.32	1.359e+05
7	1	220	120.13	-84.71	27.07	8.35	-101.99	9.230e+04	-1.862e+05	-1.257e+05	3.184e+04	1.148e+05
7	1	221	120.41	-84.21	27.68	8.52	-101.86	8.826e+04	-1.748e+05	-1.162e+05	2.962e+04	1.095e+05
7	1	243	151.77	-83.34	65.00	3.43	-113.45	3.499e+04	-2.160e+05	-2.064e+05	2.537e+04	4.819e+04
7	1	244	152.17	-82.24	66.00	3.93	-113.02	3.426e+04	-2.023e+05	-1.919e+05	2.384e+04	4.856e+04
7	1	266	183.92	-87.14	116.48	-19.70	-117.18	-2.421e+04	-2.317e+05	-2.296e+05	-2.632e+04	-2.083e+04
7	1	267	184.37	-85.47	117.53	-18.64	-116.48	-2.178e+04	-2.163e+05	-2.151e+05	-2.293e+04	-1.488e+04
7	1	289	210.65	-92.12	172.72	-54.19	-100.22	-8.078e+04	-2.325e+05	-2.067e+05	-1.066e+05	-5.705e+04
7	1	290	211.12	-90.00	173.58	-52.46	-99.47	-7.578e+04	-2.160e+05	-1.961e+05	-9.562e+04	-4.886e+04
7	1	312	228.11	-95.90	217.19	-84.99	-58.46	-1.290e+05	-2.205e+05	-1.703e+05	-1.792e+05	-4.552e+04
7	1	313	228.60	-93.50	217.80	-82.71	-57.97	-1.229e+05	-2.026e+05	-1.642e+05	-1.613e+05	-3.978e+04
7	1	335	234.16	-97.29	234.16	-97.29		-1.535e+05	-2.082e+05	-1.535e+05	-2.082e+05	
7	1	336	234.66	-94.79	234.66	-94.79		-1.494e+05	-1.876e+05	-1.494e+05	-1.876e+05	
7	1	358	228.11	-95.90	217.19	-84.99	58.46	-1.290e+05	-2.205e+05	-1.703e+05	-1.792e+05	4.552e+04
7	1	359	228.60	-93.50	217.80	-82.71	57.97	-1.229e+05	-2.026e+05	-1.642e+05	-1.613e+05	3.978e+04
7	1	381	210.65	-92.12	172.72	-54.19	100.22	-8.078e+04	-2.325e+05	-2.067e+05	-1.066e+05	5.705e+04
7	1	382	211.12	-90.00	173.58	-52.46	99.47	-7.578e+04	-2.160e+05	-1.961e+05	-9.562e+04	4.886e+04

7	1	404	183.92	-87.14	116.48	-19.70	117.18	-2.421e+04	-2.317e+05	-2.296e+05	-2.632e+04	2.083e+04
7	1	405	184.37	-85.47	117.53	-18.64	116.48	-2.178e+04	-2.163e+05	-2.151e+05	-2.293e+04	1.488e+04
7	1	427	151.77	-83.34	65.00	3.43	113.45	3.499e+04	-2.160e+05	-2.064e+05	2.537e+04	-4.819e+04
7	1	428	152.17	-82.24	66.00	3.93	113.02	3.426e+04	-2.023e+05	-1.919e+05	2.384e+04	-4.856e+04
7	1	450	120.13	-84.71	27.07	8.35	101.99	9.230e+04	-1.862e+05	-1.257e+05	3.184e+04	-1.148e+05
7	1	451	120.41	-84.21	27.68	8.52	101.86	8.826e+04	-1.748e+05	-1.162e+05	2.962e+04	-1.095e+05
7	1	473	96.29	-96.29			96.29	1.436e+05	-1.440e+05	-5221.86	4871.05	-1.437e+05
7	1	474	96.29	-96.29			96.29	1.364e+05	-1.355e+05	-4170.51	5081.32	-1.359e+05
7	1	496	84.71	-120.13	-27.07	-8.35	101.99	1.854e+05	-9.223e+04	1.166e+05	-2.345e+04	-1.199e+05
7	1	497	84.21	-120.41	-27.68	-8.52	101.86	1.755e+05	-8.708e+04	1.091e+05	-2.069e+04	-1.141e+05
7	1	519	83.34	-151.77	-65.00	-3.43	113.45	2.148e+05	-3.444e+04	2.010e+05	-2.067e+04	-5.694e+04
7	1	520	82.24	-152.17	-66.00	-3.93	113.02	2.027e+05	-3.278e+04	1.882e+05	-1.830e+04	-5.657e+04
7	1	542	87.14	-183.92	-116.48	19.70	117.18	2.298e+05	2.541e+04	2.292e+05	2.597e+04	1.074e+04
7	1	543	85.47	-184.37	-117.53	18.64	116.48	2.162e+05	2.367e+04	2.160e+05	2.384e+04	5630.88
7	1	565	92.12	-210.65	-172.72	54.19	100.22	2.296e+05	8.305e+04	2.114e+05	1.012e+05	4.830e+04
7	1	566	90.00	-211.12	-173.58	52.46	99.47	2.152e+05	7.837e+04	2.017e+05	9.191e+04	4.085e+04
7	5	13	64.86	-156.10	-156.10	64.86		1.313e+05	1.093e+05	1.093e+05	1.313e+05	
7	5	14	63.20	-156.44	-156.44	63.20		1.191e+05	1.069e+05	1.069e+05	1.191e+05	
7	5	59	63.94	-152.07	-144.79	56.66	-38.97	1.431e+05	8.929e+04	1.195e+05	1.129e+05	-2.672e+04
7	5	60	62.34	-152.40	-145.20	55.14	-38.65	1.333e+05	8.500e+04	1.159e+05	1.024e+05	-2.320e+04
7	5	82	63.94	-152.07	-144.79	56.66	38.97	1.431e+05	8.929e+04	1.195e+05	1.129e+05	2.672e+04
7	5	83	62.34	-152.40	-145.20	55.14	38.65	1.333e+05	8.500e+04	1.159e+05	1.024e+05	2.320e+04
7	5	105	61.41	-140.43	-115.15	36.13	-66.81	1.529e+05	5.544e+04	1.412e+05	6.720e+04	-3.176e+04
7	5	106	60.00	-140.75	-115.72	34.97	-66.31	1.435e+05	5.234e+04	1.347e+05	6.108e+04	-2.682e+04
7	5	128	58.09	-122.61	-77.65	13.13	-78.12	1.531e+05	1.697e+04	1.528e+05	1.729e+04	-6644.24
7	5	129	56.98	-122.91	-78.36	12.43	-77.65	1.441e+05	1.585e+04	1.441e+05	1.593e+04	-3280.52
7	5	151	55.56	-101.18	-43.33	-2.29	-75.64	1.431e+05	-2.296e+04	1.337e+05	-1.355e+04	3.840e+04
7	5	152	54.83	-101.45	-44.00	-2.62	-75.35	1.351e+05	-2.180e+04	1.253e+05	-1.192e+04	3.812e+04
7	5	174	56.47	-80.09	-18.05	-5.57	-68.00	1.236e+05	-6.151e+04	7.729e+04	-1.521e+04	8.016e+04
7	5	175	56.14	-80.28	-18.45	-5.68	-67.91	1.170e+05	-5.802e+04	7.234e+04	-1.334e+04	7.631e+04
7	5	197	64.19	-64.19			-64.19	9.575e+04	-9.603e+04	-4020.57	3740.91	9.581e+04
7	5	198	64.19	-64.19			-64.19	9.101e+04	-9.032e+04	-3212.08	3902.60	9.060e+04
7	5	220	80.09	-56.47	18.05	5.57	-68.00	6.155e+04	-1.242e+05	-8.429e+04	2.165e+04	7.628e+04
7	5	221	80.28	-56.14	18.45	5.68	-67.91	5.891e+04	-1.165e+05	-7.781e+04	2.020e+04	7.276e+04
7	5	243	101.18	-55.56	43.33	2.29	-75.64	2.337e+04	-1.441e+05	-1.379e+05	1.715e+04	3.168e+04
7	5	244	101.45	-54.83	44.00	2.62	-75.35	2.293e+04	-1.349e+05	-1.281e+05	1.617e+04	3.196e+04
7	5	266	122.61	-58.09	77.65	-13.13	-78.12	-1.606e+04	-1.546e+05	-1.531e+05	-1.757e+04	-1.441e+04
7	5	267	122.91	-56.98	78.36	-12.43	-77.65	-1.440e+04	-1.442e+05	-1.434e+05	-1.524e+04	-1.040e+04
7	5	289	140.43	-61.41	115.15	-36.13	-66.81	-5.371e+04	-1.552e+05	-1.376e+05	-7.136e+04	-3.848e+04
7	5	290	140.75	-60.00	115.72	-34.97	-66.31	-5.036e+04	-1.441e+05	-1.305e+05	-6.394e+04	-3.298e+04
7	5	312	152.07	-63.94	144.79	-56.66	-38.97	-8.571e+04	-1.473e+05	-1.131e+05	-1.199e+05	-3.061e+04
7	5	313	152.40	-62.34	145.20	-55.14	-38.65	-8.170e+04	-1.352e+05	-1.090e+05	-1.079e+05	-2.676e+04
7	5	335	156.10	-64.86	156.10	-64.86		-1.018e+05	-1.394e+05	-1.018e+05	-1.394e+05	
7	5	336	156.44	-63.20	156.44	-63.20		-9.907e+04	-1.255e+05	-9.907e+04	-1.255e+05	
7	5	358	152.07	-63.94	144.79	-56.66	38.97	-8.571e+04	-1.473e+05	-1.131e+05	-1.199e+05	3.061e+04
7	5	359	152.40	-62.34	145.20	-55.14	38.65	-8.170e+04	-1.352e+05	-1.090e+05	-1.079e+05	2.676e+04
7	5	381	140.43	-61.41	115.15	-36.13	66.81	-5.371e+04	-1.552e+05	-1.376e+05	-7.136e+04	3.848e+04
7	5	382	140.75	-60.00	115.72	-34.97	66.31	-5.036e+04	-1.441e+05	-1.305e+05	-6.394e+04	3.298e+04
7	5	404	122.61	-58.09	77.65	-13.13	78.12	-1.606e+04	-1.546e+05	-1.531e+05	-1.757e+04	1.441e+04
7	5	405	122.91	-56.98	78.36	-12.43	77.65	-1.440e+04	-1.442e+05	-1.434e+05	-1.524e+04	1.040e+04
7	5	427	101.18	-55.56	43.33	2.29	75.64	2.337e+04	-1.441e+05	-1.379e+05	1.715e+04	-3.168e+04
7	5	428	101.45	-54.83	44.00	2.62	75.35	2.293e+04	-1.349e+05	-1.281e+05	1.617e+04	-3.196e+04
7	5	450	80.09	-56.47	18.05	5.57	68.00	6.155e+04	-1.242e+05	-8.429e+04	2.165e+04	-7.628e+04
7	5	451	80.28	-56.14	18.45	5.68	67.91	5.891e+04	-1.165e+05	-7.781e+04	2.020e+04	-7.276e+04
7	5	473	64.19	-64.19			64.19	9.575e+04	-9.603e+04	-4020.57	3740.91	-9.581e+04
7	5	474	64.19	-64.19			64.19	9.101e+04	-9.032e+04	-3212.08	3902.60	-9.060e+04
7	5	496	56.47	-80.09	-18.05	-5.57	68.00	1.236e+05	-6.151e+04	7.729e+04	-1.521e+04	-8.016e+04
7	5	497	56.14	-80.28	-18.45	-5.68	67.91	1.170e+05	-5.802e+04	7.234e+04	-1.334e+04	-7.631e+04
7	5	519	55.56	-101.18	-43.33	-2.29	75.64	1.431e+05	-2.296e+04	1.337e+05	-1.355e+04	-3.840e+04
7	5	520	54.83	-101.45	-44.00	-2.62	75.35	1.351e+05	-2.180e+04	1.253e+05	-1.192e+04	-3.812e+04
7	5	542	58.09	-122.61	-77.65	13.13	78.12	1.531e+05	1.697e+04	1.528e+05	1.729e+04	6644.24
7	5	543	56.98	-122.91	-78.36	12.43	77.65	1.441e+05	1.585e+04	1.441e+05	1.593e+04	3280.52
7	5	565	61.41	-140.43	-115.15	36.13	66.81	1.529e+05	5.544e+04	1.412e+05	6.720e+04	3.176e+04
7	5	566	60.00	-140.75	-115.72	34.97	66.31	1.435e+05	5.234e+04	1.347e+05	6.108e+04	2.682e+04
7	8	13	12.97	-31.22	-31.22	12.97		2.482e+04	2.303e+04	2.482e+04	2.303e+04	
7	8	14	12.64	-31.29	-31.29	12.64		2.446e+04	2.122e+04	2.446e+04	2.122e+04	
7	8	59	12.79	-30.41	-28.96	11.33	-7.79	2.816e+04	1.804e+04	2.644e+04	1.976e+04	-3796.30
7	8	60	12.47	-30.48	-29.04	11.03	-7.73	2.706e+04	1.709e+04	2.588e+04	1.827e+04	-3220.27
7	8	82	12.79	-30.41	-28.96	11.33	7.79	2.816e+04	1.804e+04	2.644e+04	1.976e+04	3796.30
7	8	83	12.47	-30.48	-29.04	11.03	7.73	2.706e+04	1.709e+04	2.588e+04	1.827e+04	3220.27
7	8	105	12.28	-28.09	-23.03	7.23	-13.36	3.036e+04	1.103e+04	2.964e+04	1.175e+04	-3669.01
7	8	106	12.00	-28.15	-23.14	6.99	-13.26	2.907e+04	1.057e+04	2.861e+04	1.104e+04	-2905.67
7	8	128	11.62	-24.52	-15.53	2.63	-15.62	3.053e+04	3199.71	3.041e+04	3314.60	1768.27
7	8	129	11.40	-24.58	-15.67	2.49	-15.53	2.924e+04	3245.43	2.906e+04	3430.05	2182.92
7	8	151	11.11	-20.24	-8.67	-0.46	-15.13	2.864e+04	-4891.03	2.505e+04	-1304.79	1.036e+04
7	8	152	10.97	-20.29	-8.80	-0.52	-15.07	2.748e+04	-4326.64	2.387e+04	-721.30	1.008e+04
7	8	174	11.29	-16.02	-3.61	-1.11	-13.60	2.483e+04	-1.270e+04	1.263e+04	-503.76	1.758e+04

7	8	175	11.23	-16.06	-3.69	-1.14	-13.58	2.391e+04	-1.162e+04	1.225e+04	33.42	1.668e+04
7	8	197	12.84	-12.84			-12.84	1.938e+04	-1.972e+04	-4044.99	3701.53	1.916e+04
7	8	198	12.84	-12.84			-12.84	1.878e+04	-1.815e+04	-3238.06	3862.91	1.812e+04
7	8	220	16.02	-11.29	3.61	1.11	-13.60	1.268e+04	-2.549e+04	-1.968e+04	6868.97	1.371e+04
7	8	221	16.06	-11.23	3.69	1.14	-13.58	1.245e+04	-2.348e+04	-1.778e+04	6741.06	1.313e+04
7	8	243	20.24	-11.11	8.67	0.46	-15.13	5221.74	-2.966e+04	-2.927e+04	4834.59	3654.31
7	8	244	20.29	-10.97	8.80	0.52	-15.07	5377.56	-2.728e+04	-2.680e+04	4896.64	3933.84
7	8	266	24.52	-11.62	15.53	-2.63	-15.62	-2397.88	-3.202e+04	-3.076e+04	-3658.08	-5978.26
7	8	267	24.58	-11.40	15.67	-2.49	-15.53	-1893.74	-2.934e+04	-2.843e+04	-2805.21	-4918.06
7	8	289	28.09	-12.28	23.03	-7.23	-13.36	-9486.15	-3.259e+04	-2.611e+04	-1.596e+04	-1.038e+04
7	8	290	28.15	-12.00	23.14	-6.99	-13.26	-8739.28	-2.966e+04	-2.443e+04	-1.396e+04	-9055.30
7	8	312	30.41	-12.79	28.96	-11.33	-7.79	-1.507e+04	-3.182e+04	-2.008e+04	-2.681e+04	-7669.57
7	8	313	30.48	-12.47	29.04	-11.03	-7.73	-1.428e+04	-2.862e+04	-1.910e+04	-2.380e+04	-6770.76
7	8	335	31.22	-12.97	31.22	-12.97		-1.741e+04	-3.112e+04	-1.741e+04	-3.112e+04	
7	8	336	31.29	-12.64	31.29	-12.64		-1.673e+04	-2.770e+04	-1.673e+04	-2.770e+04	
7	8	358	30.41	-12.79	28.96	-11.33	7.79	-1.507e+04	-3.182e+04	-2.008e+04	-2.681e+04	7669.57
7	8	359	30.48	-12.47	29.04	-11.03	7.73	-1.428e+04	-2.862e+04	-1.910e+04	-2.380e+04	6770.76
7	8	381	28.09	-12.28	23.03	-7.23	13.36	-9486.15	-3.259e+04	-2.611e+04	-1.596e+04	1.038e+04
7	8	382	28.15	-12.00	23.14	-6.99	13.26	-8739.28	-2.966e+04	-2.443e+04	-1.396e+04	9055.30
7	8	404	24.52	-11.62	15.53	-2.63	15.62	-2397.88	-3.202e+04	-3.076e+04	-3658.08	5978.26
7	8	405	24.58	-11.40	15.67	-2.49	15.53	-1893.74	-2.934e+04	-2.843e+04	-2805.21	4918.06
7	8	427	20.24	-11.11	8.67	0.46	15.13	5221.74	-2.966e+04	-2.927e+04	4834.59	-3654.31
7	8	428	20.29	-10.97	8.80	0.52	15.07	5377.56	-2.728e+04	-2.680e+04	4896.64	-3933.84
7	8	450	16.02	-11.29	3.61	1.11	13.60	1.268e+04	-2.549e+04	-1.968e+04	6868.97	-1.371e+04
7	8	451	16.06	-11.23	3.69	1.14	13.58	1.245e+04	-2.348e+04	-1.778e+04	6741.06	-1.313e+04
7	8	473	12.84	-12.84			12.84	1.938e+04	-1.972e+04	-4044.99	3701.53	-1.916e+04
7	8	474	12.84	-12.84			12.84	1.878e+04	-1.815e+04	-3238.06	3862.91	-1.812e+04
7	8	496	11.29	-16.02	-3.61	-1.11	13.60	2.483e+04	-1.270e+04	1.263e+04	-503.76	-1.758e+04
7	8	497	11.23	-16.06	-3.69	-1.14	13.58	2.391e+04	-1.162e+04	1.225e+04	33.42	-1.668e+04
7	8	519	11.11	-20.24	-8.67	-0.46	15.13	2.864e+04	-4891.03	2.505e+04	-1304.79	-1.036e+04
7	8	520	10.97	-20.29	-8.80	-0.52	15.07	2.748e+04	-4326.64	2.387e+04	-721.30	-1.008e+04
7	8	542	11.62	-24.52	-15.53	2.63	15.62	3.053e+04	3199.71	3.041e+04	3314.60	-1768.27
7	8	543	11.40	-24.58	-15.67	2.49	15.53	2.924e+04	3245.43	2.906e+04	3430.05	-2182.92
7	8	565	12.28	-28.09	-23.03	7.23	13.36	3.036e+04	1.103e+04	2.964e+04	1.175e+04	3669.01
7	8	566	12.00	-28.15	-23.14	6.99	13.26	2.907e+04	1.057e+04	2.861e+04	1.104e+04	2905.67
7	11	13						3701.53	-4044.99	3701.53	-4044.99	
7	11	14						3862.91	-3238.06	3862.91	-3238.06	
7	11	59						3701.53	-4044.99	3182.61	-3526.07	1936.63
7	11	60						3862.91	-3238.07	3387.24	-2762.39	1775.25
7	11	82						3701.53	-4044.99	3182.61	-3526.07	-1936.63
7	11	83						3862.91	-3238.07	3387.24	-2762.39	-1775.25
7	11	105						3701.53	-4044.99	1764.90	-2108.37	3354.34
7	11	106						3862.91	-3238.06	2087.67	-1462.82	3074.81
7	11	128						3701.53	-4044.99	-171.73	-171.74	3873.26
7	11	129						3862.91	-3238.07	312.43	312.42	3550.49
7	11	151						3701.53	-4044.99	-2108.36	1764.90	3354.34
7	11	152						3862.91	-3238.06	-1462.82	2087.67	3074.81
7	11	174						3701.53	-4044.99	-3526.08	3182.61	1936.63
7	11	175						3862.91	-3238.07	-2762.39	3387.24	1775.24
7	11	197						3701.53	-4044.99	-4044.99	3701.53	
7	11	198						3862.91	-3238.06	-3238.06	3862.91	
7	11	220						3701.53	-4044.99	-3526.08	3182.61	-1936.63
7	11	221						3862.91	-3238.07	-2762.39	3387.24	-1775.24
7	11	243						3701.53	-4044.99	-2108.36	1764.90	-3354.34
7	11	244						3862.91	-3238.06	-1462.82	2087.67	-3074.81
7	11	266						3701.53	-4044.99	-171.73	-171.74	-3873.26
7	11	267						3862.91	-3238.07	312.43	312.42	-3550.49
7	11	289						3701.53	-4044.99	1764.90	-2108.37	-3354.34
7	11	290						3862.91	-3238.06	2087.67	-1462.82	-3074.81
7	11	312						3701.53	-4044.99	3182.61	-3526.07	-1936.63
7	11	313						3862.91	-3238.07	3387.24	-2762.39	-1775.25
7	11	335						3701.53	-4044.99	3701.53	-4044.99	
7	11	336						3862.91	-3238.06	3862.91	-3238.06	
7	11	358						3701.53	-4044.99	3182.61	-3526.07	1936.63
7	11	359						3862.91	-3238.07	3387.24	-2762.39	1775.25
7	11	381						3701.53	-4044.99	1764.90	-2108.37	3354.34
7	11	382						3862.91	-3238.06	2087.67	-1462.82	3074.81
7	11	404						3701.53	-4044.99	-171.73	-171.74	3873.26
7	11	405						3862.91	-3238.07	312.43	312.42	3550.49
7	11	427						3701.53	-4044.99	-2108.36	1764.90	3354.34
7	11	428						3862.91	-3238.06	-1462.82	2087.67	3074.81
7	11	450						3701.53	-4044.99	-3526.08	3182.61	1936.63
7	11	451						3862.91	-3238.07	-2762.39	3387.24	1775.24
7	11	473						3701.53	-4044.99	-4044.99	3701.53	
7	11	474						3862.91	-3238.06	-3238.06	3862.91	
7	11	496						3701.53	-4044.99	-3526.08	3182.61	-1936.63
7	11	497						3862.91	-3238.07	-2762.39	3387.24	-1775.24

7	11	519					3701.53	-4044.99	-2108.36	1764.90	-3354.34
7	11	520					3862.91	-3238.06	-1462.82	2087.67	-3074.81
7	11	542					3701.53	-4044.99	-171.73	-171.74	-3873.26
7	11	543					3862.91	-3238.07	312.43	312.42	-3550.49
7	11	565					3701.53	-4044.99	1764.90	-2108.37	-3354.34
7	11	566					3862.91	-3238.06	2087.67	-1462.82	-3074.81

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-234.66	-234.66	-97.29	-117.18		-2.325e+05	-2.296e+05	-2.082e+05	-1.437e+05
	234.66		234.66	97.29	117.18	2.298e+05		2.292e+05	1.978e+05	1.437e+05

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	1	14	92.02	-199.97	-199.97	92.02		1.378e+05	9.199e+04	9.199e+04	1.378e+05	
8	1	15	89.18	-200.54	-200.54	89.18		1.233e+05	8.909e+04	8.909e+04	1.233e+05	
8	1	60	90.35	-194.62	-184.45	80.18	-52.87	1.460e+05	7.606e+04	1.056e+05	1.165e+05	-3.452e+04
8	1	61	87.62	-195.18	-185.14	77.58	-52.32	1.330e+05	7.224e+04	1.012e+05	1.040e+05	-3.035e+04
8	1	83	90.35	-194.62	-184.45	80.18	52.87	1.460e+05	7.606e+04	1.056e+05	1.165e+05	3.452e+04
8	1	84	87.62	-195.18	-185.14	77.58	52.32	1.330e+05	7.224e+04	1.012e+05	1.040e+05	3.035e+04
8	1	106	85.68	-179.16	-144.04	50.56	-89.82	1.555e+05	4.372e+04	1.355e+05	6.381e+04	-4.293e+04
8	1	107	83.26	-179.70	-145.03	48.59	-88.97	1.436e+05	4.071e+04	1.278e+05	5.650e+04	-3.709e+04
8	1	129	79.12	-155.45	-93.82	17.49	-103.24	1.573e+05	5812.38	1.558e+05	7305.35	-1.496e+04
8	1	130	77.21	-155.95	-95.03	16.29	-102.43	1.463e+05	4771.01	1.454e+05	5624.41	-1.096e+04
8	1	152	72.89	-126.86	-49.52	-4.45	-97.30	1.494e+05	-3.344e+04	1.414e+05	-2.545e+04	3.736e+04
8	1	153	71.62	-127.30	-50.66	-5.02	-96.81	1.397e+05	-3.202e+04	1.313e+05	-2.360e+04	3.708e+04
8	1	175	70.93	-98.87	-19.26	-8.68	-84.74	1.319e+05	-7.094e+04	8.365e+04	-2.264e+04	8.641e+04
8	1	176	70.36	-99.18	-19.95	-8.87	-84.59	1.241e+05	-6.690e+04	7.770e+04	-2.049e+04	8.192e+04
8	1	198	78.71	-78.71			-78.71	1.061e+05	-1.040e+05	-3156.91	5223.28	1.050e+05
8	1	199	78.71	-78.71			-78.71	1.005e+05	-9.742e+04	-2351.13	5384.43	9.886e+04
8	1	221	98.87	-70.93	19.26	8.68	-84.74	7.359e+04	-1.305e+05	-8.884e+04	3.197e+04	8.222e+04
8	1	222	99.18	-70.36	19.95	8.87	-84.59	7.037e+04	-1.215e+05	-8.137e+04	3.022e+04	7.805e+04
8	1	244	126.86	-72.89	49.52	4.45	-97.30	3.674e+04	-1.485e+05	-1.435e+05	3.171e+04	3.010e+04
8	1	245	127.30	-71.62	50.66	5.02	-96.81	3.599e+04	-1.376e+05	-1.321e+05	3.050e+04	3.038e+04
8	1	267	155.45	-79.12	93.82	-17.49	-103.24	-1655.35	-1.573e+05	-1.537e+05	-5238.99	-2.334e+04
8	1	268	155.95	-77.21	95.03	-16.29	-102.43	-135.22	-1.449e+05	-1.424e+05	-2591.10	-1.869e+04
8	1	290	179.16	-85.68	144.04	-50.56	-89.82	-3.824e+04	-1.569e+05	-1.292e+05	-6.593e+04	-5.019e+04
8	1	291	179.70	-83.26	145.03	-48.59	-88.97	-3.502e+04	-1.432e+05	-1.209e+05	-5.733e+04	-4.379e+04
8	1	313	194.62	-90.35	184.45	-80.18	-52.87	-6.820e+04	-1.497e+05	-9.624e+04	-1.216e+05	-3.871e+04
8	1	314	195.18	-87.62	185.14	-77.58	-52.32	-6.443e+04	-1.347e+05	-9.149e+04	-1.077e+05	-3.422e+04
8	1	336	199.97	-92.02	199.97	-92.02		-8.154e+04	-1.441e+05	-8.154e+04	-1.441e+05	
8	1	337	200.54	-89.18	200.54	-89.18		-7.832e+04	-1.280e+05	-7.832e+04	-1.280e+05	
8	1	359	194.62	-90.35	184.45	-80.18	52.87	-6.820e+04	-1.497e+05	-9.624e+04	-1.216e+05	3.871e+04
8	1	360	195.18	-87.62	185.14	-77.58	52.32	-6.443e+04	-1.347e+05	-9.149e+04	-1.077e+05	3.422e+04
8	1	382	179.16	-85.68	144.04	-50.56	89.82	-3.824e+04	-1.569e+05	-1.292e+05	-6.593e+04	5.019e+04
8	1	383	179.70	-83.26	145.03	-48.59	88.97	-3.502e+04	-1.432e+05	-1.209e+05	-5.733e+04	4.379e+04
8	1	405	155.45	-79.12	93.82	-17.49	103.24	-1655.35	-1.573e+05	-1.537e+05	-5238.99	2.334e+04
8	1	406	155.95	-77.21	95.03	-16.29	102.43	-135.22	-1.449e+05	-1.424e+05	-2591.10	1.869e+04
8	1	428	126.86	-72.89	49.52	4.45	97.30	3.674e+04	-1.485e+05	-1.435e+05	3.171e+04	-3.010e+04
8	1	429	127.30	-71.62	50.66	5.02	96.81	3.599e+04	-1.376e+05	-1.321e+05	3.050e+04	-3.038e+04
8	1	451	98.87	-70.93	19.26	8.68	84.74	7.359e+04	-1.305e+05	-8.884e+04	3.197e+04	-8.222e+04
8	1	452	99.18	-70.36	19.95	8.87	84.59	7.037e+04	-1.215e+05	-8.137e+04	3.022e+04	-7.805e+04
8	1	474	78.71	-78.71			78.71	1.061e+05	-1.040e+05	-3156.91	5223.28	-1.050e+05
8	1	475	78.71	-78.71			78.71	1.005e+05	-9.742e+04	-2351.13	5384.43	-9.886e+04
8	1	497	70.93	-98.87	-19.26	-8.68	84.74	1.319e+05	-7.094e+04	8.365e+04	-2.264e+04	-8.641e+04
8	1	498	70.36	-99.18	-19.95	-8.87	84.59	1.241e+05	-6.690e+04	7.770e+04	-2.049e+04	-8.192e+04
8	1	520	72.89	-126.86	-49.52	-4.45	97.30	1.494e+05	-3.344e+04	1.414e+05	-2.545e+04	-3.736e+04
8	1	521	71.62	-127.30	-50.66	-5.02	96.81	1.397e+05	-3.202e+04	1.313e+05	-2.360e+04	-3.708e+04
8	1	543	79.12	-155.45	-93.82	17.49	103.24	1.573e+05	5812.38	1.558e+05	7305.35	1.496e+04
8	1	544	77.21	-155.95	-95.03	16.29	102.43	1.463e+05	4771.01	1.454e+05	5624.41	1.096e+04
8	1	566	85.68	-179.16	-144.04	50.56	89.82	1.555e+05	4.372e+04	1.355e+05	6.381e+04	4.293e+04
8	1	567	83.26	-179.70	-145.03	48.59	88.97	1.436e+05	4.071e+04	1.278e+05	5.650e+04	3.709e+04
8	5	14	61.35	-133.31	-133.31	61.35		9.153e+04	6.186e+04	6.186e+04	9.153e+04	
8	5	15	59.46	-133.69	-133.69	59.46		8.194e+04	5.994e+04	5.994e+04	8.194e+04	
8	5	60	60.23	-129.75	-122.97	53.45	-35.25	9.714e+04	5.108e+04	7.085e+04	7.736e+04	-2.280e+04
8	5	61	58.41	-130.12	-123.43	51.72	-34.88	8.861e+04	4.852e+04	6.798e+04	6.915e+04	-2.004e+04
8	5	83	60.23	-129.75	-122.97	53.45	35.25	9.714e+04	5.108e+04	7.085e+04	7.736e+04	2.280e+04
8	5	84	58.41	-130.12	-123.43	51.72	34.88	8.861e+04	4.852e+04	6.798e+04	6.915e+04	2.004e+04
8	5	106	57.12	-119.44	-96.03	33.71	-59.88	1.037e+05	2.939e+04	9.062e+04	4.243e+04	-2.825e+04
8	5	107	55.51	-119.80	-96.68	32.39	-59.31	9.579e+04	2.740e+04	8.557e+04	3.762e+04	-2.438e+04

8	5	129	52.74	-103.63	-62.55	11.66	-68.82	1.049e+05	4059.82	1.040e+05	4972.14	-9546.36
8	5	130	51.47	-103.96	-63.35	10.86	-68.29	9.762e+04	3391.75	9.711e+04	3901.01	-6908.35
8	5	152	48.59	-84.58	-33.01	-2.97	-64.87	9.963e+04	-2.215e+04	9.414e+04	-1.665e+04	2.528e+04
8	5	153	47.75	-84.87	-33.77	-3.35	-64.54	9.327e+04	-2.117e+04	8.749e+04	-1.538e+04	2.506e+04
8	5	175	47.29	-65.91	-12.84	-5.79	-56.49	8.806e+04	-4.718e+04	5.549e+04	-1.462e+04	5.782e+04
8	5	176	46.91	-66.12	-13.30	-5.91	-56.39	8.289e+04	-4.444e+04	5.161e+04	-1.316e+04	5.481e+04
8	5	198	52.47	-52.47			-52.47	7.085e+04	-6.927e+04	-2431.62	4013.01	6.999e+04
8	5	199	52.47	-52.47			-52.47	6.714e+04	-6.481e+04	-1811.94	4136.95	6.591e+04
8	5	221	65.91	-47.29	12.84	5.79	-56.49	4.921e+04	-8.692e+04	-5.949e+04	2.179e+04	5.460e+04
8	5	222	66.12	-46.91	13.30	5.91	-56.39	4.710e+04	-8.090e+04	-5.444e+04	2.064e+04	5.184e+04
8	5	244	84.58	-48.59	33.01	2.97	-64.87	2.468e+04	-9.900e+04	-9.578e+04	2.146e+04	1.970e+04
8	5	245	84.87	-47.75	33.77	3.35	-64.54	2.421e+04	-9.167e+04	-8.814e+04	2.068e+04	1.991e+04
8	5	267	103.63	-52.74	62.55	-11.66	-68.82	-871.38	-1.049e+05	-1.024e+05	-3390.75	-1.599e+04
8	5	268	103.96	-51.47	63.35	-10.86	-68.29	165.04	-9.652e+04	-9.478e+04	-1576.00	-1.286e+04
8	5	290	119.44	-57.12	96.03	-33.71	-59.88	-2.519e+04	-1.047e+05	-8.582e+04	-4.407e+04	-3.383e+04
8	5	291	119.80	-55.51	96.68	-32.39	-59.31	-2.303e+04	-9.551e+04	-8.027e+04	-3.827e+04	-2.954e+04
8	5	313	129.75	-60.23	122.97	-53.45	-35.25	-4.505e+04	-1.000e+05	-6.369e+04	-8.136e+04	-2.602e+04
8	5	314	130.12	-58.41	123.43	-51.72	-34.88	-4.253e+04	-8.995e+04	-6.050e+04	-7.198e+04	-2.301e+04
8	5	336	133.31	-61.35	133.31	-61.35		-5.383e+04	-9.639e+04	-5.383e+04	-9.639e+04	
8	5	337	133.69	-59.46	133.69	-59.46		-5.167e+04	-8.557e+04	-5.167e+04	-8.557e+04	
8	5	359	129.75	-60.23	122.97	-53.45	35.25	-4.505e+04	-1.000e+05	-6.369e+04	-8.136e+04	2.602e+04
8	5	360	130.12	-58.41	123.43	-51.72	34.88	-4.253e+04	-8.995e+04	-6.050e+04	-7.198e+04	2.301e+04
8	5	382	119.44	-57.12	96.03	-33.71	59.88	-2.519e+04	-1.047e+05	-8.582e+04	-4.407e+04	3.383e+04
8	5	383	119.80	-55.51	96.68	-32.39	59.31	-2.303e+04	-9.551e+04	-8.027e+04	-3.827e+04	2.954e+04
8	5	405	103.63	-52.74	62.55	-11.66	68.82	-871.38	-1.049e+05	-1.024e+05	-3390.75	1.599e+04
8	5	406	103.96	-51.47	63.35	-10.86	68.29	165.04	-9.652e+04	-9.478e+04	-1576.00	1.286e+04
8	5	428	84.58	-48.59	33.01	2.97	64.87	2.468e+04	-9.900e+04	-9.578e+04	2.146e+04	-1.970e+04
8	5	429	84.87	-47.75	33.77	3.35	64.54	2.421e+04	-9.167e+04	-8.814e+04	2.068e+04	-1.991e+04
8	5	451	65.91	-47.29	12.84	5.79	56.49	4.921e+04	-8.692e+04	-5.949e+04	2.179e+04	-5.460e+04
8	5	452	66.12	-46.91	13.30	5.91	56.39	4.710e+04	-8.090e+04	-5.444e+04	2.064e+04	-5.184e+04
8	5	474	52.47	-52.47			52.47	7.085e+04	-6.927e+04	-2431.62	4013.01	-6.999e+04
8	5	475	52.47	-52.47			52.47	6.714e+04	-6.481e+04	-1811.94	4136.95	-6.591e+04
8	5	497	47.29	-65.91	-12.84	-5.79	56.49	8.806e+04	-4.718e+04	5.549e+04	-1.462e+04	-5.782e+04
8	5	498	46.91	-66.12	-13.30	-5.91	56.39	8.289e+04	-4.444e+04	5.161e+04	-1.316e+04	-5.481e+04
8	5	520	48.59	-84.58	-33.01	-2.97	64.87	9.963e+04	-2.215e+04	9.414e+04	-1.665e+04	-2.528e+04
8	5	521	47.75	-84.87	-33.77	-3.35	64.54	9.327e+04	-2.117e+04	8.749e+04	-1.538e+04	-2.506e+04
8	5	543	52.74	-103.63	-62.55	11.66	68.82	1.049e+05	4059.82	1.040e+05	4972.14	9546.36
8	5	544	51.47	-103.96	-63.35	10.86	68.29	9.762e+04	3391.75	9.711e+04	3901.01	6908.35
8	5	566	57.12	-119.44	-96.03	33.71	59.88	1.037e+05	2.939e+04	9.062e+04	4.243e+04	2.825e+04
8	5	567	55.51	-119.80	-96.68	32.39	59.31	9.579e+04	2.740e+04	8.557e+04	3.762e+04	2.438e+04
8	8	14	12.27	-26.66	-26.66	12.27		1.634e+04	1.555e+04	1.555e+04	1.634e+04	
8	8	15	11.89	-26.74	-26.74	11.89		1.527e+04	1.492e+04	1.527e+04	1.492e+04	
8	8	60	12.05	-25.95	-24.59	10.69	-7.05	1.906e+04	1.179e+04	1.700e+04	1.385e+04	-3273.29
8	8	61	11.68	-26.02	-24.69	10.34	-6.98	1.804e+04	1.119e+04	1.656e+04	1.268e+04	-2819.84
8	8	83	12.05	-25.95	-24.59	10.69	7.05	1.906e+04	1.179e+04	1.700e+04	1.385e+04	3273.29
8	8	84	11.68	-26.02	-24.69	10.34	6.98	1.804e+04	1.119e+04	1.656e+04	1.268e+04	2819.84
8	8	106	11.42	-23.89	-19.21	6.74	-11.98	2.091e+04	6911.54	2.002e+04	7805.16	-3422.16
8	8	107	11.10	-23.96	-19.34	6.48	-11.86	1.984e+04	6608.27	1.920e+04	7239.73	-2820.21
8	8	129	10.55	-20.73	-12.51	2.33	-13.76	2.142e+04	1578.42	2.140e+04	1600.61	663.17
8	8	130	10.29	-20.79	-12.67	2.17	-13.66	2.038e+04	1630.47	2.032e+04	1683.20	992.90
8	8	152	9.72	-16.92	-6.60	-0.59	-12.97	2.056e+04	-3849.73	1.815e+04	-1438.20	7283.30
8	8	153	9.55	-16.97	-6.75	-0.67	-12.91	1.964e+04	-3409.69	1.721e+04	-986.68	7069.00
8	8	175	9.46	-13.18	-2.57	-1.16	-11.30	1.841e+04	-9018.75	9477.29	-90.66	1.285e+04
8	8	176	9.38	-13.22	-2.66	-1.18	-11.28	1.768e+04	-8181.34	9168.71	326.50	1.215e+04
8	8	198	10.49	-10.49			-10.49	1.513e+04	-1.360e+04	-2452.59	3981.23	1.400e+04
8	8	199	10.49	-10.49			-10.49	1.465e+04	-1.238e+04	-1833.95	4104.96	1.318e+04
8	8	221	13.18	-9.46	2.57	1.16	-11.30	1.098e+04	-1.731e+04	-1.352e+04	7191.16	9633.54
8	8	222	13.22	-9.38	2.66	1.18	-11.28	1.078e+04	-1.573e+04	-1.204e+04	7087.75	9180.09
8	8	244	16.92	-9.72	6.60	0.59	-12.97	6295.84	-1.995e+04	-1.984e+04	6183.75	1711.45
8	8	245	16.97	-9.55	6.75	0.67	-12.91	6379.81	-1.806e+04	-1.791e+04	6227.14	1925.75
8	8	267	20.73	-10.55	12.51	-2.33	-13.76	1487.39	-2.143e+04	-1.987e+04	-71.97	-5770.65
8	8	268	20.79	-10.29	12.67	-2.17	-13.66	1818.81	-1.928e+04	-1.805e+04	587.80	-4946.01
8	8	290	23.89	-11.42	19.21	-6.74	-11.98	-2935.76	-2.183e+04	-1.527e+04	-9493.42	-8994.01
8	8	291	23.96	-11.10	19.34	-6.48	-11.86	-2436.56	-1.947e+04	-1.396e+04	-7938.17	-7963.46
8	8	313	25.95	-12.05	24.59	-10.69	-7.05	-6277.37	-2.152e+04	-9903.29	-1.789e+04	-6490.20
8	8	314	26.02	-11.68	24.69	-10.34	-6.98	-5728.22	-1.896e+04	-9140.93	-1.555e+04	-5789.29
8	8	336	26.66	-12.27	26.66	-12.27		-7587.71	-2.124e+04	-7587.71	-2.124e+04	
8	8	337	26.74	-11.89	26.74	-11.89		-7055.86	-1.859e+04	-7055.86	-1.859e+04	
8	8	359	25.95	-12.05	24.59	-10.69	7.05	-6277.37	-2.152e+04	-9903.29	-1.789e+04	6490.20
8	8	360	26.02	-11.68	24.69	-10.34	6.98	-5728.22	-1.896e+04	-9140.93	-1.555e+04	5789.29
8	8	382	23.89	-11.42	19.21	-6.74	11.98	-2935.76	-2.183e+04	-1.527e+04	-9493.42	8994.01
8	8	383	23.96	-11.10	19.34	-6.48	11.86	-2436.56	-1.947e+04	-1.396e+04	-7938.17	7963.46
8	8	405	20.73	-10.55	12.51	-2.33	13.76	1487.39	-2.143e+04	-1.987e+04	-71.97	5770.65
8	8	406	20.79	-10.29	12.67	-2.17	13.66	1818.81	-1.928e+04	-1.805e+04	587.80	4946.01
8	8	428	16.92	-9.72	6.60	0.59	12.97	6295.84	-1.995e+04	-1.984e+04	6183.75	-1711.45
8	8	429	16.97	-9.55	6.75	0.67	12.91	6379.81	-1.806e+04	-1.791e+04	6227.14	-1925.75
8	8	451	13.18	-9.46	2.57	1.16	11.30	1.098e+04	-1.731e+04	-1.352e+04	7191.16	-9633.54

8	8	452	13.22	-9.38	2.66	1.18	11.28	1.078e+04	-1.573e+04	-1.204e+04	7087.75	-9180.09
8	8	474	10.49	-10.49			10.49	1.513e+04	-1.360e+04	-2452.59	3981.23	-1.400e+04
8	8	475	10.49	-10.49			10.49	1.465e+04	-1.238e+04	-1833.95	4104.96	-1.318e+04
8	8	497	9.46	-13.18	-2.57	-1.16	11.30	1.841e+04	-9018.75	9477.29	-90.66	-1.285e+04
8	8	498	9.38	-13.22	-2.66	-1.18	11.28	1.768e+04	-8181.34	9168.71	326.50	-1.215e+04
8	8	520	9.72	-16.92	-6.60	-0.59	12.97	2.056e+04	-3849.73	1.815e+04	-1438.20	-7283.30
8	8	521	9.55	-16.97	-6.75	-0.67	12.91	1.964e+04	-3409.69	1.721e+04	-986.68	-7069.00
8	8	543	10.55	-20.73	-12.51	2.33	13.76	2.142e+04	1578.42	2.140e+04	1600.61	-663.17
8	8	544	10.29	-20.79	-12.67	2.17	13.66	2.038e+04	1630.47	2.032e+04	1683.20	-992.90
8	8	566	11.42	-23.89	-19.21	6.74	11.98	2.091e+04	6911.54	2.002e+04	7805.16	3422.16
8	8	567	11.10	-23.96	-19.34	6.48	11.86	1.984e+04	6608.27	1.920e+04	7239.73	2820.21
8	11	14						3981.23	-2452.59	3981.23	-2452.59	
8	11	15						4104.96	-1833.95	4104.96	-1833.95	
8	11	60						3981.23	-2452.59	3550.25	-2021.60	1608.45
8	11	61						4104.96	-1833.95	3707.13	-1436.12	1484.73
8	11	83						3981.23	-2452.59	3550.25	-2021.60	-1608.45
8	11	84						4104.96	-1833.95	3707.13	-1436.12	-1484.73
8	11	106						3981.23	-2452.59	2372.78	-844.13	2785.93
8	11	107						4104.96	-1833.95	2620.23	-349.22	2571.62
8	11	129						3981.23	-2452.59	764.32	764.32	3216.91
8	11	130						4104.96	-1833.95	1135.50	1135.50	2969.45
8	11	152						3981.23	-2452.59	-844.13	2372.78	2785.93
8	11	153						4104.96	-1833.95	-349.22	2620.23	2571.62
8	11	175						3981.23	-2452.59	-2021.60	3550.25	1608.45
8	11	176						4104.96	-1833.95	-1436.12	3707.13	1484.73
8	11	198						3981.23	-2452.59	-2452.59	3981.23	
8	11	199						4104.96	-1833.95	-1833.95	4104.96	
8	11	221						3981.23	-2452.59	-2021.60	3550.25	-1608.45
8	11	222						4104.96	-1833.95	-1436.12	3707.13	-1484.73
8	11	244						3981.23	-2452.59	-844.13	2372.78	-2785.93
8	11	245						4104.96	-1833.95	-349.22	2620.23	-2571.62
8	11	267						3981.23	-2452.59	764.32	764.32	-3216.91
8	11	268						4104.96	-1833.95	1135.50	1135.50	-2969.45
8	11	290						3981.23	-2452.59	2372.78	-844.13	-2785.93
8	11	291						4104.96	-1833.95	2620.23	-349.22	-2571.62
8	11	313						3981.23	-2452.59	3550.25	-2021.60	-1608.45
8	11	314						4104.96	-1833.95	3707.13	-1436.12	-1484.73
8	11	336						3981.23	-2452.59	3981.23	-2452.59	
8	11	337						4104.96	-1833.95	4104.96	-1833.95	
8	11	359						3981.23	-2452.59	3550.25	-2021.60	1608.45
8	11	360						4104.96	-1833.95	3707.13	-1436.12	1484.73
8	11	382						3981.23	-2452.59	2372.78	-844.13	2785.93
8	11	383						4104.96	-1833.95	2620.23	-349.22	2571.62
8	11	405						3981.23	-2452.59	764.32	764.32	3216.91
8	11	406						4104.96	-1833.95	1135.50	1135.50	2969.45
8	11	428						3981.23	-2452.59	-844.13	2372.78	2785.93
8	11	429						4104.96	-1833.95	-349.22	2620.23	2571.62
8	11	451						3981.23	-2452.59	-2021.60	3550.25	1608.45
8	11	452						4104.96	-1833.95	-1436.12	3707.13	1484.73
8	11	474						3981.23	-2452.59	-2452.59	3981.23	
8	11	475						4104.96	-1833.95	-1833.95	4104.96	
8	11	497						3981.23	-2452.59	-2021.60	3550.25	-1608.45
8	11	498						4104.96	-1833.95	-1436.12	3707.13	-1484.73
8	11	520						3981.23	-2452.59	-844.13	2372.78	-2785.93
8	11	521						4104.96	-1833.95	-349.22	2620.23	-2571.62
8	11	543						3981.23	-2452.59	764.32	764.32	-3216.91
8	11	544						4104.96	-1833.95	1135.50	1135.50	-2969.45
8	11	566						3981.23	-2452.59	2372.78	-844.13	-2785.93
8	11	567						4104.96	-1833.95	2620.23	-349.22	-2571.62

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-200.54	-200.54	-92.02	-103.24		-1.573e+05	-1.537e+05	-1.441e+05	-1.050e+05
			200.54		200.54	92.02	103.24	1.573e+05		1.558e+05	1.378e+05	1.050e+05

Macro	Tipo	Angolo 1-X (gradi)
9	**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
9	1	15	85.85	-170.08	-170.08	85.85		9.282e+04	4.371e+04	4.371e+04	9.282e+04	
9	1	16	83.05	-170.64	-170.64	83.05		8.173e+04	4.149e+04	4.149e+04	8.173e+04	
9	1	61	84.05	-165.41	-156.10	74.73	-47.31	9.650e+04	3.548e+04	5.522e+04	7.676e+04	-2.855e+04

9	1	62	81.36	-165.96	-156.78	72.18	-46.77	8.608e+04	3.308e+04	5.190e+04	6.726e+04	-2.536e+04
9	1	84	84.05	-165.41	-156.10	74.73	47.31	9.650e+04	3.548e+04	5.522e+04	7.676e+04	2.855e+04
9	1	85	81.36	-165.96	-156.78	72.18	46.77	8.608e+04	3.308e+04	5.190e+04	6.726e+04	2.536e+04
9	1	107	78.97	-151.92	-119.89	46.94	-79.80	1.021e+05	1.657e+04	8.127e+04	3.739e+04	-3.670e+04
9	1	108	76.59	-152.44	-120.86	45.00	-78.97	9.255e+04	1.469e+04	7.544e+04	3.180e+04	-3.224e+04
9	1	130	71.60	-131.17	-75.51	15.95	-90.48	1.040e+05	-6564.39	1.016e+05	-4083.22	-1.638e+04
9	1	131	69.71	-131.65	-76.70	14.76	-89.69	9.543e+04	-7134.48	9.367e+04	-5375.57	-1.332e+04
9	1	153	63.97	-106.09	-37.57	-4.54	-83.41	1.005e+05	-3.062e+04	9.627e+04	-2.639e+04	2.317e+04
9	1	154	62.72	-106.51	-38.69	-5.10	-82.93	9.304e+04	-2.945e+04	8.857e+04	-2.498e+04	2.296e+04
9	1	176	59.81	-81.61	-13.45	-8.35	-70.66	9.113e+04	-5.340e+04	5.830e+04	-2.056e+04	6.056e+04
9	1	177	59.24	-81.91	-14.14	-8.53	-70.52	8.512e+04	-5.030e+04	5.375e+04	-1.892e+04	5.714e+04
9	1	199	64.67	-64.67			-64.67	7.640e+04	-7.316e+04	-1737.78	4976.53	7.471e+04
9	1	200	64.67	-64.67			-64.67	7.208e+04	-6.812e+04	-1138.29	5096.43	7.003e+04
9	1	222	81.61	-59.81	13.45	8.35	-70.66	5.730e+04	-8.856e+04	-6.087e+04	2.962e+04	5.720e+04
9	1	223	81.91	-59.24	14.14	8.53	-70.52	5.481e+04	-8.172e+04	-5.519e+04	2.828e+04	5.402e+04
9	1	245	106.09	-63.97	37.57	4.54	-83.41	3.527e+04	-9.868e+04	-9.639e+04	3.299e+04	1.736e+04
9	1	246	106.51	-62.72	38.69	5.10	-82.93	3.458e+04	-9.025e+04	-8.773e+04	3.206e+04	1.756e+04
9	1	268	131.17	-71.60	75.51	-15.95	-90.48	1.215e+04	-1.032e+05	-9.833e+04	7321.97	-2.309e+04
9	1	269	131.65	-69.71	76.70	-14.76	-89.69	1.305e+04	-9.343e+04	-8.971e+04	9333.72	-1.955e+04
9	1	291	151.92	-78.97	119.89	-46.94	-79.80	-9692.30	-1.025e+05	-7.468e+04	-3.751e+04	-4.252e+04
9	1	292	152.44	-76.59	120.86	-45.00	-78.97	-7635.71	-9.169e+04	-6.837e+04	-3.096e+04	-3.764e+04
9	1	314	165.41	-84.05	156.10	-74.73	-47.31	-2.679e+04	-9.871e+04	-4.616e+04	-7.934e+04	-3.190e+04
9	1	315	165.96	-81.36	156.78	-72.18	-46.77	-2.428e+04	-8.696e+04	-4.255e+04	-6.870e+04	-2.848e+04
9	1	337	170.08	-85.85	170.08	-85.85		-3.375e+04	-9.629e+04	-3.375e+04	-9.629e+04	
9	1	338	170.64	-83.05	170.64	-83.05		-3.130e+04	-8.401e+04	-3.130e+04	-8.401e+04	
9	1	360	165.41	-84.05	156.10	-74.73	47.31	-2.679e+04	-9.871e+04	-4.616e+04	-7.934e+04	3.190e+04
9	1	361	165.96	-81.36	156.78	-72.18	46.77	-2.428e+04	-8.696e+04	-4.255e+04	-6.870e+04	2.848e+04
9	1	383	151.92	-78.97	119.89	-46.94	79.80	-9692.30	-1.025e+05	-7.468e+04	-3.751e+04	4.252e+04
9	1	384	152.44	-76.59	120.86	-45.00	78.97	-7635.71	-9.169e+04	-6.837e+04	-3.096e+04	3.764e+04
9	1	406	131.17	-71.60	75.51	-15.95	90.48	1.215e+04	-1.032e+05	-9.833e+04	7321.97	2.309e+04
9	1	407	131.65	-69.71	76.70	-14.76	89.69	1.305e+04	-9.343e+04	-8.971e+04	9333.72	1.955e+04
9	1	429	106.09	-63.97	37.57	4.54	83.41	3.527e+04	-9.868e+04	-9.639e+04	3.299e+04	-1.736e+04
9	1	430	106.51	-62.72	38.69	5.10	82.93	3.458e+04	-9.025e+04	-8.773e+04	3.206e+04	-1.756e+04
9	1	452	81.61	-59.81	13.45	8.35	70.66	5.730e+04	-8.856e+04	-6.087e+04	2.962e+04	-5.720e+04
9	1	453	81.91	-59.24	14.14	8.53	70.52	5.481e+04	-8.172e+04	-5.519e+04	2.828e+04	-5.402e+04
9	1	475	64.67	-64.67			64.67	7.640e+04	-7.316e+04	-1737.78	4976.53	-7.471e+04
9	1	476	64.67	-64.67			64.67	7.208e+04	-6.812e+04	-1138.29	5096.43	-7.003e+04
9	1	498	59.81	-81.61	-13.45	-8.35	70.66	9.113e+04	-5.340e+04	5.830e+04	-2.056e+04	-6.056e+04
9	1	499	59.24	-81.91	-14.14	-8.53	70.52	8.512e+04	-5.030e+04	5.375e+04	-1.892e+04	-5.714e+04
9	1	521	63.97	-106.09	-37.57	-4.54	83.41	1.005e+05	-3.062e+04	9.627e+04	-2.639e+04	-2.317e+04
9	1	522	62.72	-106.51	-38.69	-5.10	82.93	9.304e+04	-2.945e+04	8.857e+04	-2.498e+04	-2.296e+04
9	1	544	71.60	-131.17	-75.51	15.95	90.48	1.040e+05	-6564.39	1.016e+05	-4083.22	1.638e+04
9	1	545	69.71	-131.65	-76.70	14.76	89.69	9.543e+04	-7134.48	9.367e+04	-5375.57	1.332e+04
9	1	567	78.97	-151.92	-119.89	46.94	79.80	1.021e+05	1.657e+04	8.127e+04	3.739e+04	3.670e+04
9	1	568	76.59	-152.44	-120.86	45.00	78.97	9.255e+04	1.469e+04	7.544e+04	3.180e+04	3.224e+04
9	5	15	57.23	-113.39	-113.39	57.23		6.170e+04	2.964e+04	2.964e+04	6.170e+04	
9	5	16	55.37	-113.76	-113.76	55.37		5.437e+04	2.818e+04	2.818e+04	5.437e+04	
9	5	61	56.03	-110.28	-104.06	49.82	-31.54	6.423e+04	2.408e+04	3.727e+04	5.104e+04	-1.886e+04
9	5	62	54.24	-110.64	-104.52	48.12	-31.18	5.735e+04	2.249e+04	3.508e+04	4.476e+04	-1.675e+04
9	5	84	56.03	-110.28	-104.06	49.82	31.54	6.423e+04	2.408e+04	3.727e+04	5.104e+04	1.886e+04
9	5	85	54.24	-110.64	-104.52	48.12	31.18	5.735e+04	2.249e+04	3.508e+04	4.476e+04	1.675e+04
9	5	107	52.64	-101.28	-79.93	31.29	-53.20	6.806e+04	1.138e+04	5.452e+04	2.492e+04	-2.417e+04
9	5	108	51.06	-101.63	-80.57	30.00	-52.64	6.176e+04	1.013e+04	5.066e+04	2.124e+04	-2.122e+04
9	5	130	47.73	-87.44	-50.34	10.63	-60.32	6.943e+04	-4113.07	6.788e+04	-2559.30	-1.058e+04
9	5	131	46.47	-87.76	-51.13	9.84	-59.80	6.374e+04	-4475.15	6.265e+04	-3384.04	-8557.79
9	5	153	42.65	-70.73	-25.05	-3.03	-55.61	6.711e+04	-2.020e+04	6.417e+04	-1.726e+04	1.574e+04
9	5	154	41.81	-71.01	-25.79	-3.40	-55.29	6.218e+04	-1.939e+04	5.909e+04	-1.629e+04	1.558e+04
9	5	176	39.87	-54.40	-8.97	-5.57	-47.11	6.090e+04	-3.542e+04	3.873e+04	-1.325e+04	4.055e+04
9	5	177	39.49	-54.60	-9.43	-5.69	-47.01	5.694e+04	-3.332e+04	3.575e+04	-1.214e+04	3.825e+04
9	5	199	43.12	-43.12			-43.12	5.111e+04	-4.863e+04	-1339.43	3824.29	4.980e+04
9	5	200	43.12	-43.12			-43.12	4.827e+04	-4.523e+04	-878.38	3916.50	4.669e+04
9	5	222	54.40	-39.87	8.97	5.57	-47.11	3.842e+04	-5.893e+04	-4.072e+04	2.020e+04	3.796e+04
9	5	223	54.60	-39.49	9.43	5.69	-47.01	3.678e+04	-5.432e+04	-3.687e+04	1.933e+04	3.585e+04
9	5	245	70.73	-42.65	25.05	3.03	-55.61	2.377e+04	-6.571e+04	-6.427e+04	2.232e+04	1.127e+04
9	5	246	71.01	-41.81	25.79	3.40	-55.29	2.333e+04	-6.005e+04	-5.845e+04	2.173e+04	1.143e+04
9	5	268	87.44	-47.73	50.34	-10.63	-60.32	8401.46	-6.875e+04	-6.539e+04	5044.16	-1.574e+04
9	5	269	87.76	-46.47	51.13	-9.84	-59.80	9020.16	-6.221e+04	-5.961e+04	6422.16	-1.335e+04
9	5	291	101.28	-52.64	79.93	-31.29	-53.20	-6093.51	-6.837e+04	-4.945e+04	-2.502e+04	-2.864e+04
9	5	292	101.63	-51.06	80.57	-30.00	-52.64	-4713.01	-6.111e+04	-4.522e+04	-2.060e+04	-2.537e+04
9	5	314	110.28	-56.03	104.06	-49.82	-31.54	-1.741e+04	-6.594e+04	-3.032e+04	-5.303e+04	-2.144e+04
9	5	315	110.64	-54.24	104.52	-48.12	-31.18	-1.573e+04	-5.804e+04	-2.789e+04	-4.588e+04	-1.915e+04
9	5	337	113.39	-57.23	113.39	-57.23		-2.200e+04	-6.438e+04	-2.200e+04	-6.438e+04	
9	5	338	113.76	-55.37	113.76	-55.37		-2.035e+04	-5.613e+04	-2.035e+04	-5.613e+04	
9	5	360	110.28	-56.03	104.06	-49.82	31.54	-1.741e+04	-6.594e+04	-3.032e+04	-5.303e+04	2.144e+04
9	5	361	110.64	-54.24	104.52	-48.12	31.18	-1.573e+04	-5.804e+04	-2.789e+04	-4.588e+04	1.915e+04
9	5	383	101.28	-52.64	79.93	-31.29	53.20	-6093.51	-6.837e+04	-4.945e+04	-2.502e+04	2.864e+04
9	5	384	101.63	-51.06	80.57	-30.00	52.64	-4713.01	-6.111e+04	-4.522e+04	-2.060e+04	2.537e+04

9	5	406	87.44	-47.73	50.34	-10.63	60.32	8401.46	-6.875e+04	-6.539e+04	5044.16	1.574e+04
9	5	407	87.76	-46.47	51.13	-9.84	59.80	9020.16	-6.221e+04	-5.961e+04	6422.16	1.335e+04
9	5	429	70.73	-42.65	25.05	3.03	55.61	2.377e+04	-6.571e+04	-6.427e+04	2.232e+04	-1.127e+04
9	5	430	71.01	-41.81	25.79	3.40	55.29	2.333e+04	-6.005e+04	-5.845e+04	2.173e+04	-1.143e+04
9	5	452	54.40	-39.87	8.97	5.57	47.11	3.842e+04	-5.893e+04	-4.072e+04	2.020e+04	-3.796e+04
9	5	453	54.60	-39.49	9.43	5.69	47.01	3.678e+04	-5.432e+04	-3.687e+04	1.933e+04	-3.585e+04
9	5	475	43.12	-43.12			43.12	5.111e+04	-4.863e+04	-1339.43	3824.29	-4.980e+04
9	5	476	43.12	-43.12			43.12	4.827e+04	-4.523e+04	-878.38	3916.50	-4.669e+04
9	5	498	39.87	-54.40	-8.97	-5.57	47.11	6.090e+04	-3.542e+04	3.873e+04	-1.325e+04	-4.055e+04
9	5	499	39.49	-54.60	-9.43	-5.69	47.01	5.694e+04	-3.332e+04	3.575e+04	-1.214e+04	-3.825e+04
9	5	521	42.65	-70.73	-25.05	-3.03	55.61	6.711e+04	-2.020e+04	6.417e+04	-1.726e+04	-1.574e+04
9	5	522	41.81	-71.01	-25.79	-3.40	55.29	6.218e+04	-1.939e+04	5.909e+04	-1.629e+04	-1.558e+04
9	5	544	47.73	-87.44	-50.34	10.63	60.32	6.943e+04	-4113.07	6.788e+04	-2559.30	1.058e+04
9	5	545	46.47	-87.76	-51.13	9.84	59.80	6.374e+04	-4475.15	6.265e+04	-3384.04	8557.79
9	5	567	52.64	-101.28	-79.93	31.29	53.20	6.806e+04	1.138e+04	5.452e+04	2.492e+04	2.417e+04
9	5	568	51.06	-101.63	-80.57	30.00	52.64	6.176e+04	1.013e+04	5.066e+04	2.124e+04	2.122e+04
9	8	15	11.45	-22.68	-22.68	11.45		1.125e+04	8963.58	8963.58	1.125e+04	
9	8	16	11.07	-22.75	-22.75	11.07		1.015e+04	8744.15	8744.15	1.015e+04	
9	8	61	11.21	-22.06	-20.81	9.96	-6.31	1.258e+04	7032.96	1.021e+04	9395.65	-2741.01
9	8	62	10.85	-22.13	-20.90	9.62	-6.24	1.167e+04	6687.84	9867.47	8488.13	-2392.54
9	8	84	11.21	-22.06	-20.81	9.96	6.31	1.258e+04	7032.96	1.021e+04	9395.65	2741.01
9	8	85	10.85	-22.13	-20.90	9.62	6.24	1.167e+04	6687.84	9867.47	8488.13	2392.54
9	8	107	10.53	-20.26	-15.99	6.26	-10.64	1.394e+04	3894.52	1.291e+04	4925.78	-3048.69
9	8	108	10.21	-20.33	-16.11	6.00	-10.53	1.306e+04	3705.55	1.228e+04	4484.76	-2585.15
9	8	130	9.55	-17.49	-10.07	2.13	-12.06	1.455e+04	460.82	1.455e+04	461.02	-53.41
9	8	131	9.29	-17.55	-10.23	1.97	-11.96	1.373e+04	513.86	1.372e+04	516.98	202.98
9	8	153	8.53	-14.15	-5.01	-0.61	-11.12	1.432e+04	-2992.02	1.278e+04	-1447.84	4934.48
9	8	154	8.36	-14.20	-5.16	-0.68	-11.06	1.360e+04	-2657.72	1.205e+04	-1107.93	4775.00
9	8	176	7.97	-10.88	-1.79	-1.11	-9.42	1.328e+04	-6235.00	6933.33	108.96	9139.98
9	8	177	7.90	-10.92	-1.89	-1.14	-9.40	1.271e+04	-5603.68	6686.62	424.38	8607.36
9	8	199	8.62	-8.62			-8.62	1.151e+04	-9067.84	-1356.82	3799.55	9960.96
9	8	200	8.62	-8.62			-8.62	1.114e+04	-8142.34	-896.43	3891.62	9337.94
9	8	222	10.88	-7.97	1.79	1.11	-9.42	9174.18	-1.133e+04	-8956.15	6799.31	6561.80
9	8	223	10.92	-7.90	1.89	1.14	-9.40	9008.94	-1.013e+04	-7838.01	6717.39	6213.33
9	8	245	14.15	-8.53	5.01	0.61	-11.12	6480.09	-1.292e+04	-1.291e+04	6468.75	468.94
9	8	246	14.20	-8.36	5.16	0.68	-11.06	6519.12	-1.148e+04	-1.145e+04	6497.15	628.42
9	8	268	17.49	-9.55	10.07	-2.13	-12.06	3699.08	-1.382e+04	-1.211e+04	1981.71	-5209.77
9	8	269	17.55	-9.29	10.23	-1.97	-11.96	3914.04	-1.216e+04	-1.073e+04	2478.22	-4585.07
9	8	291	20.26	-10.53	15.99	-6.26	-10.64	1172.01	-1.412e+04	-7886.47	-5061.23	-7514.24
9	8	292	20.33	-10.21	16.11	-6.00	-10.53	1509.56	-1.229e+04	-6892.99	-3883.59	-6731.73
9	8	314	22.06	-11.21	20.81	-9.96	-6.31	-671.80	-1.405e+04	-3304.60	-1.142e+04	-5319.20
9	8	315	22.13	-10.85	20.90	-9.62	-6.24	-278.25	-1.209e+04	-2725.70	-9639.51	-4786.57
9	8	337	22.68	-11.45	22.68	-11.45		-1364.49	-1.396e+04	-1364.49	-1.396e+04	
9	8	338	22.75	-11.07	22.75	-11.07		-960.90	-1.195e+04	-960.90	-1.195e+04	
9	8	360	22.06	-11.21	20.81	-9.96	6.31	-671.80	-1.405e+04	-3304.60	-1.142e+04	5319.20
9	8	361	22.13	-10.85	20.90	-9.62	6.24	-278.25	-1.209e+04	-2725.70	-9639.51	4786.57
9	8	383	20.26	-10.53	15.99	-6.26	10.64	1172.01	-1.412e+04	-7886.47	-5061.23	7514.24
9	8	384	20.33	-10.21	16.11	-6.00	10.53	1509.56	-1.229e+04	-6892.99	-3883.59	6731.73
9	8	406	17.49	-9.55	10.07	-2.13	12.06	3699.08	-1.382e+04	-1.211e+04	1981.71	5209.77
9	8	407	17.55	-9.29	10.23	-1.97	11.96	3914.04	-1.216e+04	-1.073e+04	2478.22	4585.07
9	8	429	14.15	-8.53	5.01	0.61	11.12	6480.09	-1.292e+04	-1.291e+04	6468.75	-468.94
9	8	430	14.20	-8.36	5.16	0.68	11.06	6519.12	-1.148e+04	-1.145e+04	6497.15	-628.42
9	8	452	10.88	-7.97	1.79	1.11	9.42	9174.18	-1.133e+04	-8956.15	6799.31	-6561.80
9	8	453	10.92	-7.90	1.89	1.14	9.40	9008.94	-1.013e+04	-7838.01	6717.39	-6213.33
9	8	475	8.62	-8.62			8.62	1.151e+04	-9067.84	-1356.82	3799.55	-9960.96
9	8	476	8.62	-8.62			8.62	1.114e+04	-8142.34	-896.43	3891.62	-9337.94
9	8	498	7.97	-10.88	-1.79	-1.11	9.42	1.328e+04	-6235.00	6933.33	108.96	-9139.98
9	8	499	7.90	-10.92	-1.89	-1.14	9.40	1.271e+04	-5603.68	6686.62	424.38	-8607.36
9	8	521	8.53	-14.15	-5.01	-0.61	11.12	1.432e+04	-2992.02	1.278e+04	-1447.84	-4934.48
9	8	522	8.36	-14.20	-5.16	-0.68	11.06	1.360e+04	-2657.72	1.205e+04	-1107.93	-4775.00
9	8	544	9.55	-17.49	-10.07	2.13	12.06	1.455e+04	460.82	1.455e+04	461.02	53.41
9	8	545	9.29	-17.55	-10.23	1.97	11.96	1.373e+04	513.86	1.372e+04	516.98	-202.98
9	8	567	10.53	-20.26	-15.99	6.26	10.64	1.394e+04	3894.52	1.291e+04	4925.78	3048.69
9	8	568	10.21	-20.33	-16.11	6.00	10.53	1.306e+04	3705.55	1.228e+04	4484.76	2585.15
9	11	15						3799.55	-1356.82	3799.55	-1356.82	
9	11	16						3891.62	-896.43	3891.62	-896.43	
9	11	61						3799.55	-1356.82	3454.13	-1011.41	1289.09
9	11	62						3891.62	-896.43	3570.88	-575.69	1197.02
9	11	84						3799.55	-1356.82	3454.13	-1011.41	-1289.09
9	11	85						3891.62	-896.43	3570.88	-575.69	-1197.02
9	11	107						3799.55	-1356.82	2510.45	-67.73	2232.77
9	11	108						3891.62	-896.43	2694.61	300.58	2073.29
9	11	130						3799.55	-1356.82	1221.36	1221.36	2578.18
9	11	131						3891.63	-896.43	1497.60	1497.60	2394.03
9	11	153						3799.55	-1356.82	-67.73	2510.45	2232.77
9	11	154						3891.62	-896.43	300.58	2694.61	2073.29
9	11	176						3799.55	-1356.82	-1011.41	3454.14	1289.09

9	11	177					3891.62	-896.43	-575.69	3570.89	1197.01
9	11	199					3799.55	-1356.82	-1356.82	3799.55	
9	11	200					3891.62	-896.43	-896.43	3891.62	
9	11	222					3799.55	-1356.82	-1011.41	3454.14	-1289.09
9	11	223					3891.62	-896.43	-575.69	3570.89	-1197.01
9	11	245					3799.55	-1356.82	-67.73	2510.45	-2232.77
9	11	246					3891.62	-896.43	300.58	2694.61	-2073.29
9	11	268					3799.55	-1356.82	1221.36	1221.36	-2578.18
9	11	269					3891.63	-896.43	1497.60	1497.60	-2394.03
9	11	291					3799.55	-1356.82	2510.45	-67.73	-2232.77
9	11	292					3891.62	-896.43	2694.61	300.58	-2073.29
9	11	314					3799.55	-1356.82	3454.13	-1011.41	-1289.09
9	11	315					3891.62	-896.43	3570.88	-575.69	-1197.02
9	11	337					3799.55	-1356.82	3799.55	-1356.82	
9	11	338					3891.62	-896.43	3891.62	-896.43	
9	11	360					3799.55	-1356.82	3454.13	-1011.41	1289.09
9	11	361					3891.62	-896.43	3570.88	-575.69	1197.02
9	11	383					3799.55	-1356.82	2510.45	-67.73	2232.77
9	11	384					3891.62	-896.43	2694.61	300.58	2073.29
9	11	406					3799.55	-1356.82	1221.36	1221.36	2578.18
9	11	407					3891.63	-896.43	1497.60	1497.60	2394.03
9	11	429					3799.55	-1356.82	-67.73	2510.45	2232.77
9	11	430					3891.62	-896.43	300.58	2694.61	2073.29
9	11	452					3799.55	-1356.82	-1011.41	3454.14	1289.09
9	11	453					3891.62	-896.43	-575.69	3570.89	1197.01
9	11	475					3799.55	-1356.82	-1356.82	3799.55	
9	11	476					3891.62	-896.43	-896.43	3891.62	
9	11	498					3799.55	-1356.82	-1011.41	3454.14	-1289.09
9	11	499					3891.62	-896.43	-575.69	3570.89	-1197.01
9	11	521					3799.55	-1356.82	-67.73	2510.45	-2232.77
9	11	522					3891.62	-896.43	300.58	2694.61	-2073.29
9	11	544					3799.55	-1356.82	1221.36	1221.36	-2578.18
9	11	545					3891.63	-896.43	1497.60	1497.60	-2394.03
9	11	567					3799.55	-1356.82	2510.45	-67.73	-2232.77
9	11	568					3891.62	-896.43	2694.61	300.58	-2073.29

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-170.64	-170.64	-85.85	-90.48		-1.032e+05	-9.833e+04	-9.629e+04	-7.471e+04
	170.64		170.64	85.85	90.48	1.040e+05		1.016e+05	9.282e+04	7.471e+04

Macro	Tipo	Angolo 1-X (gradi)
10	**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
10	1	16	79.38	-143.12	-143.12	79.38		6.026e+04	1.257e+04	1.257e+04	6.026e+04	
10	1	17	76.82	-143.64	-143.64	76.82		5.204e+04	1.093e+04	1.093e+04	5.204e+04	
10	1	62	77.55	-139.12	-130.71	69.14	-41.86	6.172e+04	8741.36	2.198e+04	4.848e+04	-2.294e+04
10	1	63	75.09	-139.62	-131.33	66.80	-41.36	5.379e+04	7166.79	1.953e+04	4.144e+04	-2.058e+04
10	1	85	77.55	-139.12	-130.71	69.14	41.86	6.172e+04	8741.36	2.198e+04	4.848e+04	2.294e+04
10	1	86	75.09	-139.62	-131.33	66.80	41.36	5.379e+04	7166.79	1.953e+04	4.144e+04	2.058e+04
10	1	108	72.32	-127.52	-98.72	43.51	-70.20	6.443e+04	-888.58	4.377e+04	1.977e+04	-3.037e+04
10	1	109	70.14	-128.00	-99.60	41.74	-69.43	5.711e+04	-2034.96	3.945e+04	1.562e+04	-2.707e+04
10	1	131	64.60	-109.67	-60.00	14.93	-78.67	6.586e+04	-1.334e+04	6.244e+04	-9913.03	-1.610e+04
10	1	132	62.86	-110.10	-61.08	13.84	-77.94	5.931e+04	-1.360e+04	5.658e+04	-1.088e+04	-1.383e+04
10	1	154	56.17	-88.04	-27.86	-4.02	-71.11	6.465e+04	-2.648e+04	6.277e+04	-2.460e+04	1.295e+04
10	1	155	55.01	-88.42	-28.88	-4.53	-70.67	5.905e+04	-2.555e+04	5.706e+04	-2.356e+04	1.280e+04
10	1	177	50.47	-66.97	-8.90	-7.60	-58.71	6.032e+04	-3.887e+04	3.912e+04	-1.767e+04	4.067e+04
10	1	178	49.94	-67.23	-9.53	-7.77	-58.58	5.585e+04	-3.657e+04	3.574e+04	-1.646e+04	3.814e+04
10	1	200	52.98	-52.98			-52.98	5.298e+04	-4.947e+04	-828.94	4339.49	5.116e+04
10	1	201	52.98	-52.98			-52.98	4.978e+04	-4.575e+04	-398.23	4425.63	4.770e+04
10	1	223	66.97	-50.47	8.90	7.60	-58.71	4.309e+04	-5.752e+04	-4.008e+04	2.566e+04	3.808e+04
10	1	224	67.23	-49.94	9.53	7.77	-58.58	4.121e+04	-5.244e+04	-3.589e+04	2.466e+04	3.572e+04
10	1	246	88.04	-56.17	27.86	4.02	-71.11	3.146e+04	-6.261e+04	-6.184e+04	3.070e+04	8470.54
10	1	247	88.42	-55.01	28.88	4.53	-70.67	3.086e+04	-5.631e+04	-5.545e+04	3.000e+04	8619.74
10	1	269	109.67	-64.60	60.00	-14.93	-78.67	1.921e+04	-6.472e+04	-5.893e+04	1.342e+04	-2.127e+04
10	1	270	110.10	-62.86	61.08	-13.84	-77.94	1.972e+04	-5.737e+04	-5.256e+04	1.490e+04	-1.866e+04
10	1	292	127.52	-72.32	98.72	-43.51	-70.20	7840.08	-6.436e+04	-3.768e+04	-1.884e+04	-3.485e+04
10	1	293	128.00	-70.14	99.60	-41.74	-69.43	9146.69	-5.617e+04	-3.301e+04	-1.401e+04	-3.124e+04
10	1	315	139.12	-77.55	130.71	-69.14	-41.86	-646.76	-6.280e+04	-1.400e+04	-4.945e+04	-2.552e+04
10	1	316	139.62	-75.09	131.33	-66.80	-41.36	1071.37	-5.398e+04	-1.132e+04	-4.159e+04	-2.299e+04
10	1	338	143.12	-79.38	143.12	-79.38		-3889.32	-6.192e+04	-3889.32	-6.192e+04	

10	1	339	143.64	-76.82	143.64	-76.82		-2074.33	-5.284e+04	-2074.33	-5.284e+04	
10	1	361	139.12	-77.55	130.71	-69.14	41.86	-646.76	-6.280e+04	-1.400e+04	-4.945e+04	2.552e+04
10	1	362	139.62	-75.09	131.33	-66.80	41.36	1071.37	-5.398e+04	-1.132e+04	-4.159e+04	2.299e+04
10	1	384	127.52	-72.32	98.72	-43.51	70.20	7840.08	-6.436e+04	-3.768e+04	-1.884e+04	3.485e+04
10	1	385	128.00	-70.14	99.60	-41.74	69.43	9146.69	-5.617e+04	-3.301e+04	-1.401e+04	3.124e+04
10	1	407	109.67	-64.60	60.00	-14.93	78.67	1.921e+04	-6.472e+04	-5.893e+04	1.342e+04	2.127e+04
10	1	408	110.10	-62.86	61.08	-13.84	77.94	1.972e+04	-5.737e+04	-5.256e+04	1.490e+04	1.866e+04
10	1	430	88.04	-56.17	27.86	4.02	71.11	3.146e+04	-6.261e+04	-6.184e+04	3.070e+04	-8470.54
10	1	431	88.42	-55.01	28.88	4.53	70.67	3.086e+04	-5.631e+04	-5.545e+04	3.000e+04	-8619.74
10	1	453	66.97	-50.47	8.90	7.60	58.71	4.309e+04	-5.752e+04	-4.008e+04	2.566e+04	-3.808e+04
10	1	454	67.23	-49.94	9.53	7.77	58.58	4.121e+04	-5.244e+04	-3.589e+04	2.466e+04	-3.572e+04
10	1	476	52.98	-52.98			52.98	5.298e+04	-4.947e+04	-828.94	4339.49	-5.116e+04
10	1	477	52.98	-52.98			52.98	4.978e+04	-4.575e+04	-398.23	4425.63	-4.770e+04
10	1	499	50.47	-66.97	-8.90	-7.60	58.71	6.032e+04	-3.887e+04	3.912e+04	-1.767e+04	-4.067e+04
10	1	500	49.94	-67.23	-9.53	-7.77	58.58	5.585e+04	-3.657e+04	3.574e+04	-1.646e+04	-3.814e+04
10	1	522	56.17	-88.04	-27.86	-4.02	71.11	6.465e+04	-2.648e+04	6.277e+04	-2.460e+04	-1.295e+04
10	1	523	55.01	-88.42	-28.88	-4.53	70.67	5.905e+04	-2.555e+04	5.706e+04	-2.356e+04	-1.280e+04
10	1	545	64.60	-109.67	-60.00	14.93	78.67	6.586e+04	-1.334e+04	6.244e+04	-9913.03	1.610e+04
10	1	546	62.86	-110.10	-61.08	13.84	77.94	5.931e+04	-1.360e+04	5.658e+04	-1.088e+04	1.383e+04
10	1	568	72.32	-127.52	-98.72	43.51	70.20	6.443e+04	-888.58	4.377e+04	1.977e+04	3.037e+04
10	1	569	70.14	-128.00	-99.60	41.74	69.43	5.711e+04	-2034.96	3.945e+04	1.562e+04	2.707e+04
10	5	16	52.92	-95.42	-95.42	52.92		4.008e+04	8821.12	8821.12	4.008e+04	
10	5	17	51.22	-95.76	-95.76	51.22		3.465e+04	7734.80	7734.80	3.465e+04	
10	5	62	51.70	-92.75	-87.14	46.09	-27.90	4.110e+04	6233.88	1.506e+04	3.227e+04	-1.516e+04
10	5	63	50.06	-93.08	-87.56	44.53	-27.57	3.586e+04	5190.89	1.344e+04	2.761e+04	-1.360e+04
10	5	85	51.70	-92.75	-87.14	46.09	27.90	4.110e+04	6233.88	1.506e+04	3.227e+04	1.516e+04
10	5	86	50.06	-93.08	-87.56	44.53	27.57	3.586e+04	5190.89	1.344e+04	2.761e+04	1.360e+04
10	5	108	48.22	-85.02	-65.81	29.01	-46.80	4.297e+04	-251.27	2.949e+04	1.322e+04	-2.002e+04
10	5	109	46.76	-85.33	-66.40	27.83	-46.29	3.813e+04	-1007.59	2.663e+04	1.050e+04	-1.783e+04
10	5	131	43.06	-73.11	-40.00	9.95	-52.45	4.398e+04	-8606.31	4.180e+04	-6431.14	-1.047e+04
10	5	132	41.91	-73.40	-40.72	9.23	-51.96	3.965e+04	-8771.84	3.793e+04	-7047.38	-8973.81
10	5	154	37.45	-58.69	-18.57	-2.68	-47.41	4.321e+04	-1.741e+04	4.189e+04	-1.609e+04	8860.26
10	5	155	36.67	-58.94	-19.25	-3.02	-47.11	3.952e+04	-1.677e+04	3.812e+04	-1.538e+04	8745.51
10	5	177	33.65	-44.64	-5.93	-5.07	-39.14	4.037e+04	-2.572e+04	2.603e+04	-1.137e+04	2.724e+04
10	5	178	33.30	-44.82	-6.35	-5.18	-39.05	3.742e+04	-2.416e+04	2.382e+04	-1.055e+04	2.555e+04
10	5	200	35.32	-35.32			-35.32	3.551e+04	-3.282e+04	-639.79	3335.24	3.411e+04
10	5	201	35.32	-35.32			-35.32	3.340e+04	-3.031e+04	-308.54	3401.49	3.180e+04
10	5	223	44.64	-33.65	5.93	5.07	-39.14	2.896e+04	-3.822e+04	-2.677e+04	1.751e+04	2.526e+04
10	5	224	44.82	-33.30	6.35	5.18	-39.05	2.773e+04	-3.480e+04	-2.394e+04	1.686e+04	2.369e+04
10	5	246	58.69	-37.45	18.57	2.68	-47.41	2.124e+04	-4.165e+04	-4.118e+04	2.077e+04	5417.79
10	5	247	58.94	-36.67	19.25	3.02	-47.11	2.086e+04	-3.741e+04	-3.688e+04	2.033e+04	5532.54
10	5	269	73.11	-43.06	40.00	-9.95	-52.45	1.312e+04	-4.310e+04	-3.911e+04	9126.60	-1.445e+04
10	5	270	73.40	-41.91	40.72	-9.23	-51.96	1.347e+04	-3.816e+04	-3.483e+04	1.014e+04	-1.268e+04
10	5	292	85.02	-48.22	65.81	-29.01	-46.80	5591.77	-4.292e+04	-2.481e+04	-1.252e+04	-2.346e+04
10	5	293	85.33	-46.76	66.40	-27.83	-46.29	6471.30	-3.741e+04	-2.168e+04	-9257.33	-2.104e+04
10	5	315	92.75	-51.70	87.14	-46.09	-27.90	-13.85	-4.193e+04	-8923.77	-3.302e+04	-1.715e+04
10	5	316	93.08	-50.06	87.56	-44.53	-27.57	1139.40	-3.600e+04	-7129.86	-2.773e+04	-1.545e+04
10	5	338	95.42	-52.92	95.42	-52.92		-2150.63	-4.136e+04	-2150.63	-4.136e+04	
10	5	339	95.76	-51.22	95.76	-51.22		-931.81	-3.527e+04	-931.81	-3.527e+04	
10	5	361	92.75	-51.70	87.14	-46.09	27.90	-13.85	-4.193e+04	-8923.77	-3.302e+04	1.715e+04
10	5	362	93.08	-50.06	87.56	-44.53	27.57	1139.40	-3.600e+04	-7129.86	-2.773e+04	1.545e+04
10	5	384	85.02	-48.22	65.81	-29.01	46.80	5591.77	-4.292e+04	-2.481e+04	-1.252e+04	2.346e+04
10	5	385	85.33	-46.76	66.40	-27.83	46.29	6471.30	-3.741e+04	-2.168e+04	-9257.33	2.104e+04
10	5	407	73.11	-43.06	40.00	-9.95	52.45	1.312e+04	-4.310e+04	-3.911e+04	9126.60	1.445e+04
10	5	408	73.40	-41.91	40.72	-9.23	51.96	1.347e+04	-3.816e+04	-3.483e+04	1.014e+04	1.268e+04
10	5	430	58.69	-37.45	18.57	2.68	47.41	2.124e+04	-4.165e+04	-4.118e+04	2.077e+04	-5417.79
10	5	431	58.94	-36.67	19.25	3.02	47.11	2.086e+04	-3.741e+04	-3.688e+04	2.033e+04	-5532.54
10	5	453	44.64	-33.65	5.93	5.07	39.14	2.896e+04	-3.822e+04	-2.677e+04	1.751e+04	-2.526e+04
10	5	454	44.82	-33.30	6.35	5.18	39.05	2.773e+04	-3.480e+04	-2.394e+04	1.686e+04	-2.369e+04
10	5	476	35.32	-35.32			35.32	3.551e+04	-3.282e+04	-639.79	3335.24	-3.411e+04
10	5	477	35.32	-35.32			35.32	3.340e+04	-3.031e+04	-308.54	3401.49	-3.180e+04
10	5	499	33.65	-44.64	-5.93	-5.07	39.14	4.037e+04	-2.572e+04	2.603e+04	-1.137e+04	-2.724e+04
10	5	500	33.30	-44.82	-6.35	-5.18	39.05	3.742e+04	-2.416e+04	2.382e+04	-1.055e+04	-2.555e+04
10	5	522	37.45	-58.69	-18.57	-2.68	47.41	4.321e+04	-1.741e+04	4.189e+04	-1.609e+04	-8860.26
10	5	523	36.67	-58.94	-19.25	-3.02	47.11	3.952e+04	-1.677e+04	3.812e+04	-1.538e+04	-8745.51
10	5	545	43.06	-73.11	-40.00	9.95	52.45	4.398e+04	-8606.31	4.180e+04	-6431.14	1.047e+04
10	5	546	41.91	-73.40	-40.72	9.23	51.96	3.965e+04	-8771.84	3.793e+04	-7047.38	8973.81
10	5	568	48.22	-85.02	-65.81	29.01	46.80	4.297e+04	-251.27	2.949e+04	1.322e+04	2.002e+04
10	5	569	46.76	-85.33	-66.40	27.83	46.29	3.813e+04	-1007.59	2.663e+04	1.050e+04	1.783e+04
10	8	16	10.58	-19.08	-19.08	10.58		7491.21	4414.05	4414.05	7491.21	
10	8	17	10.24	-19.15	-19.15	10.24		6669.52	4249.72	4249.72	6669.52	
10	8	62	10.34	-18.55	-17.43	9.22	-5.58	8059.91	3530.43	5449.45	6140.90	-2238.19
10	8	63	10.01	-18.62	-17.51	8.91	-5.51	7308.66	3342.79	5191.37	5460.08	-1978.38
10	8	85	10.34	-18.55	-17.43	9.22	5.58	8059.91	3530.43	5449.45	6140.90	2238.19
10	8	86	10.01	-18.62	-17.51	8.91	5.51	7308.66	3342.79	5191.37	5460.08	1978.38
10	8	108	9.64	-17.00	-13.16	5.80	-9.36	8907.00	1760.05	7753.98	2913.07	-2628.90
10	8	109	9.35	-17.07	-13.28	5.57	-9.26	8212.25	1654.07	7287.44	2578.88	-2282.50

10	8	131	8.61	-14.62	-8.00	1.99	-10.49	9449.03	-250.72	9422.51	-224.20	-506.45
10	8	132	8.38	-14.68	-8.14	1.85	-10.39	8816.92	-199.53	8806.06	-188.67	-312.81
10	8	154	7.49	-11.74	-3.71	-0.54	-9.48	9553.70	-2269.50	8646.36	-1362.16	3147.13
10	8	155	7.33	-11.79	-3.85	-0.60	-9.42	9012.36	-2022.64	8104.27	-1114.55	3032.51
10	8	177	6.73	-8.93	-1.19	-1.01	-7.83	9203.26	-4148.08	4892.53	162.64	6242.72
10	8	178	6.66	-8.96	-1.27	-1.04	-7.81	8781.46	-3687.19	4700.71	393.57	5850.55
10	8	200	7.06	-7.06			-7.06	8435.86	-5772.72	-653.74	3316.88	6821.26
10	8	201	7.06	-7.06			-7.06	8154.75	-5094.55	-322.85	3383.06	6360.23
10	8	223	8.93	-6.73	1.19	1.01	-7.83	7333.28	-7062.18	-5668.05	5939.15	4257.41
10	8	224	8.96	-6.66	1.27	1.04	-7.81	7202.04	-6175.91	-4849.91	5876.05	3997.60
10	8	246	11.74	-7.49	3.71	0.54	-9.48	6016.69	-7974.60	-7968.53	6010.61	-291.52
10	8	247	11.79	-7.33	3.85	0.60	-9.42	6030.13	-6899.44	-6897.02	6027.71	-176.90
10	8	269	14.62	-8.61	8.00	-1.99	-10.49	4644.94	-8516.97	-6759.37	2887.35	-4477.07
10	8	270	14.68	-8.38	8.14	-1.85	-10.39	4782.79	-7279.77	-5745.85	3248.87	-4018.72
10	8	292	17.00	-9.64	13.16	-5.80	-9.36	3412.76	-8753.52	-3105.53	-2235.23	-6067.55
10	8	293	17.07	-9.35	13.28	-5.57	-9.26	3641.78	-7387.70	-2374.29	-1371.64	-5491.91
10	8	315	18.55	-10.34	17.43	-9.22	-5.58	2538.90	-8802.96	652.35	-6916.41	-4223.50
10	8	316	18.62	-10.01	17.51	-8.91	-5.51	2819.73	-7350.78	1078.24	-5609.29	-3831.33
10	8	338	19.08	-10.58	19.08	-10.58		2219.70	-8798.68	2219.70	-8798.68	
10	8	339	19.15	-10.24	19.15	-10.24		2516.39	-7315.23	2516.39	-7315.23	
10	8	361	18.55	-10.34	17.43	-9.22	5.58	2538.90	-8802.96	652.35	-6916.41	4223.50
10	8	362	18.62	-10.01	17.51	-8.91	5.51	2819.73	-7350.78	1078.24	-5609.29	3831.33
10	8	384	17.00	-9.64	13.16	-5.80	9.36	3412.76	-8753.52	-3105.53	-2235.23	6067.55
10	8	385	17.07	-9.35	13.28	-5.57	9.26	3641.78	-7387.70	-2374.29	-1371.64	5491.91
10	8	407	14.62	-8.61	8.00	-1.99	10.49	4644.94	-8516.97	-6759.37	2887.35	4477.07
10	8	408	14.68	-8.38	8.14	-1.85	10.39	4782.79	-7279.77	-5745.85	3248.87	4018.72
10	8	430	11.74	-7.49	3.71	0.54	9.48	6016.69	-7974.60	-7968.53	6010.61	291.52
10	8	431	11.79	-7.33	3.85	0.60	9.42	6030.13	-6899.44	-6897.02	6027.71	176.90
10	8	453	8.93	-6.73	1.19	1.01	7.83	7333.28	-7062.18	-5668.05	5939.15	-4257.41
10	8	454	8.96	-6.66	1.27	1.04	7.81	7202.04	-6175.91	-4849.91	5876.05	-3997.60
10	8	476	7.06	-7.06			7.06	8435.86	-5772.72	-653.74	3316.88	-6821.26
10	8	477	7.06	-7.06			7.06	8154.75	-5094.55	-322.85	3383.06	-6360.23
10	8	499	6.73	-8.93	-1.19	-1.01	7.83	9203.26	-4148.08	4892.53	162.64	-6242.72
10	8	500	6.66	-8.96	-1.27	-1.04	7.81	8781.46	-3687.19	4700.71	393.57	-5850.55
10	8	522	7.49	-11.74	-3.71	-0.54	9.48	9553.70	-2269.50	8646.36	-1362.16	-3147.13
10	8	523	7.33	-11.79	-3.85	-0.60	9.42	9012.36	-2022.64	8104.27	-1114.55	-3032.51
10	8	545	8.61	-14.62	-8.00	1.99	10.49	9449.03	-250.72	9422.51	-224.20	506.45
10	8	546	8.38	-14.68	-8.14	1.85	10.39	8816.92	-199.53	8806.06	-188.67	312.81
10	8	568	9.64	-17.00	-13.16	5.80	9.36	8907.00	1760.05	7753.98	2913.07	2628.90
10	8	569	9.35	-17.07	-13.28	5.57	9.26	8212.25	1654.07	7287.44	2578.88	2282.50
10	11	16						3316.88	-653.74	3316.88	-653.74	
10	11	17						3383.06	-322.85	3383.06	-322.85	
10	11	62						3316.88	-653.74	3050.90	-387.76	992.65
10	11	63						3383.06	-322.85	3134.81	-74.60	926.48
10	11	85						3316.88	-653.74	3050.90	-387.76	-992.65
10	11	86						3383.06	-322.85	3134.81	-74.60	-926.48
10	11	108						3316.88	-653.74	2324.22	338.92	1719.33
10	11	109						3383.06	-322.85	2456.58	603.62	1604.70
10	11	131						3316.88	-653.74	1331.57	1331.57	1985.31
10	11	132						3383.06	-322.85	1530.10	1530.10	1852.95
10	11	154						3316.88	-653.74	338.92	2324.23	1719.33
10	11	155						3383.06	-322.85	603.62	2456.58	1604.70
10	11	177						3316.88	-653.74	-387.76	3050.90	992.65
10	11	178						3383.06	-322.85	-74.60	3134.81	926.48
10	11	200						3316.88	-653.74	-653.74	3316.88	
10	11	201						3383.06	-322.85	-322.85	3383.06	
10	11	223						3316.88	-653.74	-387.76	3050.90	-992.65
10	11	224						3383.06	-322.85	-74.60	3134.81	-926.48
10	11	246						3316.88	-653.74	338.92	2324.23	-1719.33
10	11	247						3383.06	-322.85	603.62	2456.58	-1604.70
10	11	269						3316.88	-653.74	1331.57	1331.57	-1985.31
10	11	270						3383.06	-322.85	1530.10	1530.10	-1852.95
10	11	292						3316.88	-653.74	2324.22	338.92	-1719.33
10	11	293						3383.06	-322.85	2456.58	603.62	-1604.70
10	11	315						3316.88	-653.74	3050.90	-387.76	-992.65
10	11	316						3383.06	-322.85	3134.81	-74.60	-926.48
10	11	338						3316.88	-653.74	3316.88	-653.74	
10	11	339						3383.06	-322.85	3383.06	-322.85	
10	11	361						3316.88	-653.74	3050.90	-387.76	992.65
10	11	362						3383.06	-322.85	3134.81	-74.60	926.48
10	11	384						3316.88	-653.74	2324.22	338.92	1719.33
10	11	385						3383.06	-322.85	2456.58	603.62	1604.70
10	11	407						3316.88	-653.74	1331.57	1331.57	1985.31
10	11	408						3383.06	-322.85	1530.10	1530.10	1852.95
10	11	430						3316.88	-653.74	338.92	2324.23	1719.33
10	11	431						3383.06	-322.85	603.62	2456.58	1604.70
10	11	453						3316.88	-653.74	-387.76	3050.90	992.65

10	11	454					3383.06	-322.85	-74.60	3134.81	926.48
10	11	476					3316.88	-653.74	-653.74	3316.88	
10	11	477					3383.06	-322.85	-322.85	3383.06	
10	11	499					3316.88	-653.74	-387.76	3050.90	-992.65
10	11	500					3383.06	-322.85	-74.60	3134.81	-926.48
10	11	522					3316.88	-653.74	338.92	2324.23	-1719.33
10	11	523					3383.06	-322.85	603.62	2456.58	-1604.70
10	11	545					3316.88	-653.74	1331.57	1331.57	-1985.31
10	11	546					3383.06	-322.85	1530.10	1530.10	-1852.95
10	11	568					3316.88	-653.74	2324.22	338.92	-1719.33
10	11	569					3383.06	-322.85	2456.58	603.62	-1604.70

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-143.64	-143.64	-79.38	-78.67		-6.472e+04	-6.184e+04	-6.192e+04	-5.116e+04
	143.64		143.64	79.38	78.67	6.586e+04		6.277e+04	6.026e+04	5.116e+04

Macro	Tipo	Angolo 1-X (gradi)
11	**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
11	1	17	72.61	-120.02	-120.02	72.61		3.709e+04	-5528.59	-5528.59	3.709e+04	
11	1	18	70.36	-120.47	-120.47	70.36		3.110e+04	-6724.63	-6724.63	3.110e+04	
11	1	63	70.82	-116.61	-109.09	63.30	-36.77	3.763e+04	-7039.28	1947.23	2.865e+04	-1.791e+04
11	1	64	68.65	-117.05	-109.64	61.24	-36.33	3.180e+04	-8125.88	159.87	2.351e+04	-1.619e+04
11	1	86	70.82	-116.61	-109.09	63.30	36.77	3.763e+04	-7039.28	1947.23	2.865e+04	1.791e+04
11	1	87	68.65	-117.05	-109.64	61.24	36.33	3.180e+04	-8125.88	159.87	2.351e+04	1.619e+04
11	1	109	65.67	-106.73	-81.07	40.01	-61.36	3.883e+04	-1.106e+04	1.957e+04	8204.44	-2.429e+04
11	1	110	63.75	-107.14	-81.85	38.45	-60.69	3.340e+04	-1.179e+04	1.642e+04	5181.32	-2.188e+04
11	1	132	57.97	-91.49	-47.52	14.00	-68.10	3.980e+04	-1.651e+04	3.578e+04	-1.249e+04	-1.450e+04
11	1	133	56.43	-91.86	-48.47	13.04	-67.47	3.494e+04	-1.663e+04	3.152e+04	-1.320e+04	-1.285e+04
11	1	155	49.29	-72.99	-20.39	-3.31	-60.54	3.982e+04	-2.239e+04	3.916e+04	-2.173e+04	6386.08
11	1	156	48.26	-73.31	-21.29	-3.76	-60.15	3.570e+04	-2.167e+04	3.501e+04	-2.098e+04	6281.96
11	1	178	42.72	-54.99	-5.55	-6.72	-48.85	3.853e+04	-2.791e+04	2.534e+04	-1.471e+04	2.651e+04
11	1	179	42.25	-55.22	-6.10	-6.86	-48.73	3.526e+04	-2.623e+04	2.287e+04	-1.384e+04	2.467e+04
11	1	201	43.49	-43.49			-43.49	3.584e+04	-3.253e+04	-267.16	3580.43	3.413e+04
11	1	202	43.49	-43.49			-43.49	3.351e+04	-2.983e+04	33.44	3640.55	3.162e+04
11	1	224	54.99	-42.72	5.55	6.72	-48.85	3.191e+04	-3.591e+04	-2.536e+04	2.136e+04	2.458e+04
11	1	225	55.22	-42.25	6.10	6.86	-48.73	3.053e+04	-3.221e+04	-2.232e+04	2.063e+04	2.287e+04
11	1	247	72.99	-49.29	20.39	3.31	-60.54	2.711e+04	-3.792e+04	-3.777e+04	2.696e+04	3053.97
11	1	248	73.31	-48.26	21.29	3.76	-60.15	2.662e+04	-3.330e+04	-3.314e+04	2.646e+04	3158.10
11	1	270	91.49	-57.97	47.52	-14.00	-68.10	2.199e+04	-3.865e+04	-3.246e+04	1.581e+04	-1.835e+04
11	1	271	91.86	-56.43	48.47	-13.04	-67.47	2.228e+04	-3.324e+04	-2.784e+04	1.687e+04	-1.645e+04
11	1	293	106.73	-65.67	81.07	-40.01	-61.36	1.730e+04	-3.845e+04	-1.433e+04	-6814.96	-2.762e+04
11	1	294	107.14	-63.75	81.85	-38.45	-60.69	1.817e+04	-3.242e+04	-1.095e+04	-3310.89	-2.501e+04
11	1	316	116.61	-70.82	109.09	-63.30	-36.77	1.393e+04	-3.790e+04	4698.16	-2.867e+04	-1.983e+04
11	1	317	117.05	-68.65	109.64	-61.24	-36.33	1.514e+04	-3.146e+04	6637.97	-2.296e+04	-1.800e+04
11	1	339	120.02	-72.61	120.02	-72.61		1.269e+04	-3.762e+04	1.269e+04	-3.762e+04	
11	1	340	120.47	-70.36	120.47	-70.36		1.401e+04	-3.104e+04	1.401e+04	-3.104e+04	
11	1	362	116.61	-70.82	109.09	-63.30	36.77	1.393e+04	-3.790e+04	4698.16	-2.867e+04	1.983e+04
11	1	363	117.05	-68.65	109.64	-61.24	36.33	1.514e+04	-3.146e+04	6637.97	-2.296e+04	1.800e+04
11	1	385	106.73	-65.67	81.07	-40.01	61.36	1.730e+04	-3.845e+04	-1.433e+04	-6814.96	2.762e+04
11	1	386	107.14	-63.75	81.85	-38.45	60.69	1.817e+04	-3.242e+04	-1.095e+04	-3310.89	2.501e+04
11	1	408	91.49	-57.97	47.52	-14.00	68.10	2.199e+04	-3.865e+04	-3.246e+04	1.581e+04	1.835e+04
11	1	409	91.86	-56.43	48.47	-13.04	67.47	2.228e+04	-3.324e+04	-2.784e+04	1.687e+04	1.645e+04
11	1	431	72.99	-49.29	20.39	3.31	60.54	2.711e+04	-3.792e+04	-3.777e+04	2.696e+04	-3053.97
11	1	432	73.31	-48.26	21.29	3.76	60.15	2.662e+04	-3.330e+04	-3.314e+04	2.646e+04	-3158.10
11	1	454	54.99	-42.72	5.55	6.72	48.85	3.191e+04	-3.591e+04	-2.536e+04	2.136e+04	-2.458e+04
11	1	455	55.22	-42.25	6.10	6.86	48.73	3.053e+04	-3.221e+04	-2.232e+04	2.063e+04	-2.287e+04
11	1	477	43.49	-43.49			43.49	3.584e+04	-3.253e+04	-267.16	3580.43	-3.413e+04
11	1	478	43.49	-43.49			43.49	3.351e+04	-2.983e+04	33.44	3640.55	-3.162e+04
11	1	500	42.72	-54.99	-5.55	-6.72	48.85	3.853e+04	-2.791e+04	2.534e+04	-1.471e+04	-2.651e+04
11	1	501	42.25	-55.22	-6.10	-6.86	48.73	3.526e+04	-2.623e+04	2.287e+04	-1.384e+04	-2.467e+04
11	1	523	49.29	-72.99	-20.39	-3.31	60.54	3.982e+04	-2.239e+04	3.916e+04	-2.173e+04	-6386.08
11	1	524	48.26	-73.31	-21.29	-3.76	60.15	3.570e+04	-2.167e+04	3.501e+04	-2.098e+04	-6281.96
11	1	546	57.97	-91.49	-47.52	14.00	68.10	3.980e+04	-1.651e+04	3.578e+04	-1.249e+04	1.450e+04
11	1	547	56.43	-91.86	-48.47	13.04	67.47	3.494e+04	-1.663e+04	3.152e+04	-1.320e+04	1.285e+04
11	1	569	65.67	-106.73	-81.07	40.01	61.36	3.883e+04	-1.106e+04	1.957e+04	8204.44	2.429e+04
11	1	570	63.75	-107.14	-81.85	38.45	60.69	3.340e+04	-1.179e+04	1.642e+04	5181.32	2.188e+04
11	5	17	48.41	-80.01	-80.01	48.41		2.469e+04	-3320.53	-3320.53	2.469e+04	
11	5	18	46.91	-80.31	-80.31	46.91		2.074e+04	-4111.73	-4111.73	2.074e+04	
11	5	63	47.21	-77.74	-72.73	42.20	-24.51	2.508e+04	-4343.93	1636.94	1.910e+04	-1.184e+04

11	5	64	45.76	-78.03	-73.10	40.83	-24.22	2.122e+04	-5062.35	453.18	1.570e+04	-1.070e+04
11	5	86	47.21	-77.74	-72.73	42.20	24.51	2.508e+04	-4343.93	1636.94	1.910e+04	1.184e+04
11	5	87	45.76	-78.03	-73.10	40.83	24.22	2.122e+04	-5062.35	453.18	1.570e+04	1.070e+04
11	5	109	43.78	-71.15	-54.04	26.67	-40.91	2.591e+04	-7061.43	1.331e+04	5539.13	-1.602e+04
11	5	110	42.50	-71.43	-54.56	25.63	-40.46	2.232e+04	-7541.37	1.123e+04	3548.36	-1.443e+04
11	5	132	38.64	-60.99	-31.68	9.33	-45.40	2.660e+04	-1.074e+04	2.402e+04	-8160.05	-9471.40
11	5	133	37.62	-61.24	-32.31	8.69	-44.98	2.339e+04	-1.081e+04	2.120e+04	-8613.49	-8379.56
11	5	155	32.86	-48.66	-13.60	-2.21	-40.36	2.666e+04	-1.470e+04	2.618e+04	-1.422e+04	4428.11
11	5	156	32.17	-48.87	-14.20	-2.51	-40.10	2.393e+04	-1.421e+04	2.343e+04	-1.371e+04	4348.02
11	5	178	28.48	-36.66	-3.70	-4.48	-32.57	2.583e+04	-1.841e+04	1.689e+04	-9470.16	1.777e+04
11	5	179	28.17	-36.81	-4.07	-4.58	-32.49	2.368e+04	-1.728e+04	1.527e+04	-8877.46	1.654e+04
11	5	201	29.00	-29.00			-29.00	2.407e+04	-2.153e+04	-207.16	2752.16	2.275e+04
11	5	202	29.00	-29.00			-29.00	2.254e+04	-1.971e+04	24.04	2798.40	2.108e+04
11	5	224	36.66	-28.48	3.70	4.48	-32.57	2.149e+04	-2.382e+04	-1.691e+04	1.458e+04	1.629e+04
11	5	225	36.81	-28.17	4.07	4.58	-32.49	2.058e+04	-2.133e+04	-1.485e+04	1.410e+04	1.515e+04
11	5	247	48.66	-32.86	13.60	2.21	-40.36	1.832e+04	-2.519e+04	-2.511e+04	1.824e+04	1865.26
11	5	248	48.87	-32.17	14.20	2.51	-40.10	1.801e+04	-2.209e+04	-2.200e+04	1.792e+04	1945.35
11	5	270	60.99	-38.64	31.68	-9.33	-45.40	1.495e+04	-2.572e+04	-2.147e+04	1.071e+04	-1.243e+04
11	5	271	61.24	-37.62	32.31	-8.69	-44.98	1.515e+04	-2.209e+04	-1.837e+04	1.144e+04	-1.115e+04
11	5	293	71.15	-43.78	54.04	-26.67	-40.91	1.186e+04	-2.562e+04	-9287.50	-4473.80	-1.859e+04
11	5	294	71.43	-42.50	54.56	-25.63	-40.46	1.244e+04	-2.157e+04	-7019.29	-2113.11	-1.683e+04
11	5	316	77.74	-47.21	72.73	-42.20	-24.51	9640.97	-2.528e+04	3470.90	-1.911e+04	-1.332e+04
11	5	317	78.03	-45.76	73.10	-40.83	-24.22	1.045e+04	-2.096e+04	4771.92	-1.528e+04	-1.209e+04
11	5	339	80.01	-48.41	80.01	-48.41		8824.84	-2.511e+04	8824.84	-2.511e+04	
11	5	340	80.31	-46.91	80.31	-46.91		9708.52	-2.069e+04	9708.52	-2.069e+04	
11	5	362	77.74	-47.21	72.73	-42.20	24.51	9640.97	-2.528e+04	3470.90	-1.911e+04	1.332e+04
11	5	363	78.03	-45.76	73.10	-40.83	24.22	1.045e+04	-2.096e+04	4771.92	-1.528e+04	1.209e+04
11	5	385	71.15	-43.78	54.04	-26.67	40.91	1.186e+04	-2.562e+04	-9287.50	-4473.80	1.859e+04
11	5	386	71.43	-42.50	54.56	-25.63	40.46	1.244e+04	-2.157e+04	-7019.29	-2113.11	1.683e+04
11	5	408	60.99	-38.64	31.68	-9.33	45.40	1.495e+04	-2.572e+04	-2.147e+04	1.071e+04	1.243e+04
11	5	409	61.24	-37.62	32.31	-8.69	44.98	1.515e+04	-2.209e+04	-1.837e+04	1.144e+04	1.115e+04
11	5	431	48.66	-32.86	13.60	2.21	40.36	1.832e+04	-2.519e+04	-2.511e+04	1.824e+04	-1865.26
11	5	432	48.87	-32.17	14.20	2.51	40.10	1.801e+04	-2.209e+04	-2.200e+04	1.792e+04	-1945.35
11	5	454	36.66	-28.48	3.70	4.48	32.57	2.149e+04	-2.382e+04	-1.691e+04	1.458e+04	-1.629e+04
11	5	455	36.81	-28.17	4.07	4.58	32.49	2.058e+04	-2.133e+04	-1.485e+04	1.410e+04	-1.515e+04
11	5	477	29.00	-29.00			29.00	2.407e+04	-2.153e+04	-207.16	2752.16	-2.275e+04
11	5	478	29.00	-29.00			29.00	2.254e+04	-1.971e+04	24.04	2798.40	-2.108e+04
11	5	500	28.48	-36.66	-3.70	-4.48	32.57	2.583e+04	-1.841e+04	1.689e+04	-9470.16	-1.777e+04
11	5	501	28.17	-36.81	-4.07	-4.58	32.49	2.368e+04	-1.728e+04	1.527e+04	-8877.46	-1.654e+04
11	5	523	32.86	-48.66	-13.60	-2.21	40.36	2.666e+04	-1.470e+04	2.618e+04	-1.422e+04	-4428.11
11	5	524	32.17	-48.87	-14.20	-2.51	40.10	2.393e+04	-1.421e+04	2.343e+04	-1.371e+04	-4348.02
11	5	546	38.64	-60.99	-31.68	9.33	45.40	2.660e+04	-1.074e+04	2.402e+04	-8160.05	9471.40
11	5	547	37.62	-61.24	-32.31	8.69	44.98	2.339e+04	-1.081e+04	2.120e+04	-8613.49	8379.56
11	5	569	43.78	-71.15	-54.04	26.67	40.91	2.591e+04	-7061.43	1.331e+04	5539.13	1.602e+04
11	5	570	42.50	-71.43	-54.56	25.63	40.46	2.232e+04	-7541.37	1.123e+04	3548.36	1.443e+04
11	8	17	9.68	-16.00	-16.00	9.68		4762.38	1524.47	1524.47	4762.38	
11	8	18	9.38	-16.06	-16.06	9.38		4155.95	1403.18	1403.18	4155.95	
11	8	63	9.44	-15.55	-14.55	8.44	-4.90	4997.01	1161.53	2357.53	3801.00	-1776.75
11	8	64	9.15	-15.61	-14.62	8.17	-4.84	4416.21	1048.86	2167.64	3297.43	-1586.08
11	8	86	9.44	-15.55	-14.55	8.44	4.90	4997.01	1161.53	2357.53	3801.00	1776.75
11	8	87	9.15	-15.61	-14.62	8.17	4.84	4416.21	1048.86	2167.64	3297.43	1586.08
11	8	109	8.76	-14.23	-10.81	5.33	-8.18	5465.47	316.86	4259.74	1522.60	-2180.38
11	8	110	8.50	-14.29	-10.91	5.13	-8.09	4930.42	258.83	3917.00	1272.26	-1925.43
11	8	132	7.73	-12.20	-6.34	1.87	-9.08	5887.63	-703.74	5809.85	-625.97	-711.74
11	8	133	7.52	-12.25	-6.46	1.74	-9.00	5409.80	-659.29	5356.30	-605.80	-567.28
11	8	155	6.57	-9.73	-2.72	-0.44	-8.07	6143.73	-1739.77	5650.22	-1246.25	1909.73
11	8	156	6.43	-9.77	-2.84	-0.50	-8.02	5740.39	-1561.67	5248.82	-1070.10	1829.70
11	8	178	5.70	-7.33	-0.74	-0.90	-6.51	6195.41	-2699.68	3359.62	136.11	4145.23
11	8	179	5.63	-7.36	-0.81	-0.92	-6.50	5883.54	-2370.69	3211.34	301.51	3862.16
11	8	201	5.80	-5.80			-5.80	6045.49	-3524.42	-217.93	2739.01	4550.82
11	8	202	5.80	-5.80			-5.80	5836.99	-3038.70	13.08	2785.21	4215.84
11	8	224	7.33	-5.70	0.74	0.90	-6.51	5725.15	-4178.73	-3399.33	4945.75	2666.76
11	8	225	7.36	-5.63	0.81	0.92	-6.50	5624.12	-3540.39	-2813.78	4897.51	2476.10
11	8	247	9.73	-6.57	2.72	0.44	-8.07	5288.63	-4650.44	-4607.61	5245.80	-651.05
11	8	248	9.77	-6.43	2.84	0.50	-8.02	5290.18	-3872.32	-3836.59	5254.46	-571.03
11	8	270	12.20	-7.73	6.34	-1.87	-9.08	4809.11	-4950.84	-3288.78	3147.05	-3668.68
11	8	271	12.25	-7.52	6.46	-1.74	-9.00	4899.46	-4053.38	-2558.01	3404.08	-3339.41
11	8	293	14.23	-8.76	10.81	-5.33	-8.18	4372.35	-5112.53	-260.19	-479.99	-4741.17
11	8	294	14.29	-8.50	10.91	-5.13	-8.09	4530.30	-4122.97	267.36	139.96	-4326.17
11	8	316	15.55	-9.44	14.55	-8.44	-4.90	4064.72	-5181.11	2724.32	-3840.71	-3255.22
11	8	317	15.61	-9.15	14.62	-8.17	-4.84	4264.40	-4132.89	3031.38	-2899.87	-2972.15
11	8	339	16.00	-9.68	16.00	-9.68		3953.54	-5198.24	3953.54	-5198.24	
11	8	340	16.06	-9.38	16.06	-9.38		4167.23	-4129.79	4167.23	-4129.79	
11	8	362	15.55	-9.44	14.55	-8.44	4.90	4064.72	-5181.11	2724.32	-3840.71	3255.22
11	8	363	15.61	-9.15	14.62	-8.17	4.84	4264.40	-4132.89	3031.38	-2899.87	2972.15
11	8	385	14.23	-8.76	10.81	-5.33	8.18	4372.35	-5112.53	-260.19	-479.99	4741.17
11	8	386	14.29	-8.50	10.91	-5.13	8.09	4530.30	-4122.97	267.36	139.96	4326.17

11	8	408	12.20	-7.73	6.34	-1.87	9.08	4809.11	-4950.84	-3288.78	3147.05	3668.68
11	8	409	12.25	-7.52	6.46	-1.74	9.00	4899.46	-4053.38	-2558.01	3404.08	3339.41
11	8	431	9.73	-6.57	2.72	0.44	8.07	5288.63	-4650.44	-4607.61	5245.80	651.05
11	8	432	9.77	-6.43	2.84	0.50	8.02	5290.18	-3872.32	-3836.59	5254.46	571.03
11	8	454	7.33	-5.70	0.74	0.90	6.51	5725.15	-4178.73	-3399.33	4945.75	-2666.76
11	8	455	7.36	-5.63	0.81	0.92	6.50	5624.12	-3540.39	-2813.78	4897.51	-2476.10
11	8	477	5.80	-5.80			5.80	6045.49	-3524.42	-217.93	2739.01	-4550.82
11	8	478	5.80	-5.80			5.80	5836.99	-3038.70	13.08	2785.21	-4215.84
11	8	500	5.70	-7.33	-0.74	-0.90	6.51	6195.41	-2699.68	3359.62	136.11	-4145.23
11	8	501	5.63	-7.36	-0.81	-0.92	6.50	5883.54	-2370.69	3211.34	301.51	-3862.16
11	8	523	6.57	-9.73	-2.72	-0.44	8.07	6143.73	-1739.77	5650.22	-1246.25	-1909.73
11	8	524	6.43	-9.77	-2.84	-0.50	8.02	5740.39	-1561.67	5248.82	-1070.10	-1829.70
11	8	546	7.73	-12.20	-6.34	1.87	9.08	5887.63	-703.74	5809.85	-625.97	711.74
11	8	547	7.52	-12.25	-6.46	1.74	9.00	5409.80	-659.29	5356.30	-605.80	567.28
11	8	569	8.76	-14.23	-10.81	5.33	8.18	5465.47	316.86	4259.74	1522.60	2180.38
11	8	570	8.50	-14.29	-10.91	5.13	8.09	4930.42	258.83	3917.00	1272.26	1925.43
11	11	17						2739.01	-217.93	2739.01	-217.93	
11	11	18						2785.21	13.08	2785.21	13.08	
11	11	63						2739.01	-217.93	2540.93	-19.85	739.24
11	11	64						2785.21	13.08	2599.51	198.78	693.03
11	11	86						2739.01	-217.93	2540.93	-19.85	-739.24
11	11	87						2785.21	13.08	2599.51	198.78	-693.03
11	11	109						2739.01	-217.93	1999.77	521.30	1280.39
11	11	110						2785.21	13.08	2092.18	706.11	1200.37
11	11	132						2739.01	-217.93	1260.54	1260.54	1478.47
11	11	133						2785.21	13.08	1399.14	1399.14	1386.06
11	11	155						2739.01	-217.93	521.30	1999.77	1280.39
11	11	156						2785.21	13.08	706.11	2092.18	1200.37
11	11	178						2739.01	-217.93	-19.85	2540.93	739.23
11	11	179						2785.21	13.08	198.78	2599.51	693.03
11	11	201						2739.01	-217.93	-217.93	2739.01	
11	11	202						2785.21	13.08	13.08	2785.21	
11	11	224						2739.01	-217.93	-19.85	2540.93	-739.23
11	11	225						2785.21	13.08	198.78	2599.51	-693.03
11	11	247						2739.01	-217.93	521.30	1999.77	-1280.39
11	11	248						2785.21	13.08	706.11	2092.18	-1200.37
11	11	270						2739.01	-217.93	1260.54	1260.54	-1478.47
11	11	271						2785.21	13.08	1399.14	1399.14	-1386.06
11	11	293						2739.01	-217.93	1999.77	521.30	-1280.39
11	11	294						2785.21	13.08	2092.18	706.11	-1200.37
11	11	316						2739.01	-217.93	2540.93	-19.85	-739.24
11	11	317						2785.21	13.08	2599.51	198.78	-693.03
11	11	339						2739.01	-217.93	2739.01	-217.93	
11	11	340						2785.21	13.08	2785.21	13.08	
11	11	362						2739.01	-217.93	2540.93	-19.85	739.24
11	11	363						2785.21	13.08	2599.51	198.78	693.03
11	11	385						2739.01	-217.93	1999.77	521.30	1280.39
11	11	386						2785.21	13.08	2092.18	706.11	1200.37
11	11	408						2739.01	-217.93	1260.54	1260.54	1478.47
11	11	409						2785.21	13.08	1399.14	1399.14	1386.06
11	11	431						2739.01	-217.93	521.30	1999.77	1280.39
11	11	432						2785.21	13.08	706.11	2092.18	1200.37
11	11	454						2739.01	-217.93	-19.85	2540.93	739.23
11	11	455						2785.21	13.08	198.78	2599.51	693.03
11	11	477						2739.01	-217.93	-217.93	2739.01	
11	11	478						2785.21	13.08	13.08	2785.21	
11	11	500						2739.01	-217.93	-19.85	2540.93	-739.23
11	11	501						2785.21	13.08	198.78	2599.51	-693.03
11	11	523						2739.01	-217.93	521.30	1999.77	-1280.39
11	11	524						2785.21	13.08	706.11	2092.18	-1200.37
11	11	546						2739.01	-217.93	1260.54	1260.54	-1478.47
11	11	547						2785.21	13.08	1399.14	1399.14	-1386.06
11	11	569						2739.01	-217.93	1999.77	521.30	-1280.39
11	11	570						2785.21	13.08	2092.18	706.11	-1200.37
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-120.47	-120.47	-72.61	-68.10		-3.865e+04	-3.777e+04	-3.762e+04	-3.413e+04
			120.47		120.47	72.61	68.10	3.982e+04		3.916e+04	3.709e+04	3.413e+04

Macro	Tipo	Angolo 1-X (gradi)
12	**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
12	1	18	65.94	-98.97	-98.97	65.94		2.148e+04	-1.437e+04	-1.437e+04	2.148e+04	
12	1	19	64.02	-99.35	-99.35	64.02		1.729e+04	-1.521e+04	-1.521e+04	1.729e+04	
12	1	64	64.21	-96.12	-89.50	57.59	-31.91	2.164e+04	-1.467e+04	-8676.21	1.564e+04	-1.348e+04
12	1	65	62.36	-96.50	-89.97	55.83	-31.54	1.754e+04	-1.542e+04	-9927.73	1.205e+04	-1.228e+04
12	1	87	64.21	-96.12	-89.50	57.59	31.91	2.164e+04	-1.467e+04	-8676.21	1.564e+04	1.348e+04
12	1	88	62.36	-96.50	-89.97	55.83	31.54	1.754e+04	-1.542e+04	-9927.73	1.205e+04	1.228e+04
12	1	110	59.25	-87.86	-65.29	36.69	-53.01	2.203e+04	-1.550e+04	4952.87	1580.04	-1.869e+04
12	1	111	57.61	-88.21	-65.96	35.36	-52.44	1.819e+04	-1.598e+04	2752.35	-540.43	-1.700e+04
12	1	133	51.75	-75.10	-36.64	13.29	-58.30	2.252e+04	-1.668e+04	1.820e+04	-1.236e+04	-1.228e+04
12	1	134	50.43	-75.42	-37.46	12.47	-57.76	1.909e+04	-1.673e+04	1.522e+04	-1.286e+04	-1.112e+04
12	1	156	43.07	-59.58	-14.12	-2.39	-50.99	2.294e+04	-1.799e+04	2.282e+04	-1.788e+04	2184.55
12	1	157	42.19	-59.85	-14.89	-2.78	-50.66	2.003e+04	-1.748e+04	1.991e+04	-1.736e+04	2115.23
12	1	179	35.95	-44.50	-2.84	-5.71	-40.20	2.314e+04	-1.924e+04	1.553e+04	-1.163e+04	1.626e+04
12	1	180	35.55	-44.70	-3.31	-5.83	-40.10	2.084e+04	-1.806e+04	1.380e+04	-1.102e+04	1.498e+04
12	1	202	35.30	-35.30			-35.30	2.304e+04	-2.026e+04	28.43	2750.30	2.161e+04
12	1	203	35.30	-35.30			-35.30	2.141e+04	-1.839e+04	228.57	2790.32	1.986e+04
12	1	225	44.50	-35.95	2.84	5.71	-40.20	2.265e+04	-2.099e+04	-1.511e+04	1.677e+04	1.490e+04
12	1	226	44.70	-35.55	3.31	5.83	-40.10	2.167e+04	-1.841e+04	-1.300e+04	1.626e+04	1.370e+04
12	1	248	59.58	-43.07	14.12	2.39	-50.99	2.202e+04	-2.141e+04	-2.140e+04	2.202e+04	-172.65
12	1	249	59.85	-42.19	14.89	2.78	-50.66	2.166e+04	-1.817e+04	-1.817e+04	2.166e+04	-103.32
12	1	271	75.10	-51.75	36.64	-13.29	-58.30	2.127e+04	-2.156e+04	-1.542e+04	1.514e+04	-1.500e+04
12	1	272	75.42	-50.43	37.46	-12.47	-57.76	2.144e+04	-1.776e+04	-1.220e+04	1.588e+04	-1.368e+04
12	1	294	87.86	-59.25	65.29	-36.69	-53.01	2.056e+04	-2.154e+04	-813.21	-162.24	-2.105e+04
12	1	295	88.21	-57.61	65.96	-35.36	-52.44	2.114e+04	-1.731e+04	1547.42	2278.44	-1.922e+04
12	1	317	96.12	-64.21	89.50	-57.59	-31.91	2.005e+04	-2.146e+04	1.381e+04	-1.522e+04	-1.484e+04
12	1	318	96.50	-62.36	89.97	-55.83	-31.54	2.089e+04	-1.697e+04	1.517e+04	-1.125e+04	-1.356e+04
12	1	340	98.97	-65.94	98.97	-65.94		1.987e+04	-2.143e+04	1.987e+04	-2.143e+04	
12	1	341	99.35	-64.02	99.35	-64.02		2.079e+04	-1.684e+04	2.079e+04	-1.684e+04	
12	1	363	96.12	-64.21	89.50	-57.59	31.91	2.005e+04	-2.146e+04	1.381e+04	-1.522e+04	1.484e+04
12	1	364	96.50	-62.36	89.97	-55.83	31.54	2.089e+04	-1.697e+04	1.517e+04	-1.125e+04	1.356e+04
12	1	386	87.86	-59.25	65.29	-36.69	53.01	2.056e+04	-2.154e+04	-813.21	-162.24	2.105e+04
12	1	387	88.21	-57.61	65.96	-35.36	52.44	2.114e+04	-1.731e+04	1547.42	2278.44	1.922e+04
12	1	409	75.10	-51.75	36.64	-13.29	58.30	2.127e+04	-2.156e+04	-1.542e+04	1.514e+04	1.500e+04
12	1	410	75.42	-50.43	37.46	-12.47	57.76	2.144e+04	-1.776e+04	-1.220e+04	1.588e+04	1.368e+04
12	1	432	59.58	-43.07	14.12	2.39	50.99	2.202e+04	-2.141e+04	-2.140e+04	2.202e+04	172.65
12	1	433	59.85	-42.19	14.89	2.78	50.66	2.166e+04	-1.817e+04	-1.817e+04	2.166e+04	103.32
12	1	455	44.50	-35.95	2.84	5.71	40.20	2.265e+04	-2.099e+04	-1.511e+04	1.677e+04	-1.490e+04
12	1	456	44.70	-35.55	3.31	5.83	40.10	2.167e+04	-1.841e+04	-1.300e+04	1.626e+04	-1.370e+04
12	1	478	35.30	-35.30			35.30	2.304e+04	-2.026e+04	28.43	2750.30	-2.161e+04
12	1	479	35.30	-35.30			35.30	2.141e+04	-1.839e+04	228.57	2790.32	-1.986e+04
12	1	501	35.95	-44.50	-2.84	-5.71	40.20	2.314e+04	-1.924e+04	1.553e+04	-1.163e+04	-1.626e+04
12	1	502	35.55	-44.70	-3.31	-5.83	40.10	2.084e+04	-1.806e+04	1.380e+04	-1.102e+04	-1.498e+04
12	1	524	43.07	-59.58	-14.12	-2.39	50.99	2.294e+04	-1.799e+04	2.282e+04	-1.788e+04	-2184.55
12	1	525	42.19	-59.85	-14.89	-2.78	50.66	2.003e+04	-1.748e+04	1.991e+04	-1.736e+04	-2115.23
12	1	547	51.75	-75.10	-36.64	13.29	58.30	2.252e+04	-1.668e+04	1.820e+04	-1.236e+04	1.228e+04
12	1	548	50.43	-75.42	-37.46	12.47	57.76	1.909e+04	-1.673e+04	1.522e+04	-1.286e+04	1.112e+04
12	1	570	59.25	-87.86	-65.29	36.69	53.01	2.203e+04	-1.550e+04	4952.87	1580.04	1.869e+04
12	1	571	57.61	-88.21	-65.96	35.36	52.44	1.819e+04	-1.598e+04	2752.35	-540.43	1.700e+04
12	5	18	43.96	-65.98	-65.98	43.96		1.432e+04	-9299.19	-9299.19	1.432e+04	
12	5	19	42.68	-66.24	-66.24	42.68		1.155e+04	-9853.60	-9853.60	1.155e+04	
12	5	64	42.81	-64.08	-59.66	38.39	-21.27	1.443e+04	-9505.95	-5522.11	1.045e+04	-8916.02
12	5	65	41.58	-64.33	-59.98	37.22	-21.03	1.172e+04	-9999.34	-6351.25	8070.84	-8119.21
12	5	87	42.81	-64.08	-59.66	38.39	21.27	1.443e+04	-9505.95	-5522.11	1.045e+04	8916.02
12	5	88	41.58	-64.33	-59.98	37.22	21.03	1.172e+04	-9999.34	-6351.25	8070.84	8119.21
12	5	110	39.50	-58.57	-43.53	24.46	-35.34	1.472e+04	-1.008e+04	3512.88	1124.81	-1.234e+04
12	5	111	38.41	-58.81	-43.97	23.57	-34.96	1.217e+04	-1.039e+04	2054.07	-272.42	-1.122e+04
12	5	133	34.50	-50.07	-24.43	8.86	-38.87	1.507e+04	-1.089e+04	1.228e+04	-8098.21	-8045.48
12	5	134	33.62	-50.28	-24.97	8.31	-38.51	1.280e+04	-1.092e+04	1.030e+04	-8419.64	-7279.46
12	5	156	28.71	-39.72	-9.41	-1.60	-33.99	1.538e+04	-1.180e+04	1.529e+04	-1.171e+04	1577.20
12	5	157	28.12	-39.90	-9.93	-1.85	-33.77	1.346e+04	-1.145e+04	1.336e+04	-1.135e+04	1523.87
12	5	179	23.97	-29.67	-1.90	-3.80	-26.80	1.554e+04	-1.266e+04	1.038e+04	-7492.28	1.091e+04
12	5	180	23.70	-29.80	-2.21	-3.89	-26.74	1.403e+04	-1.187e+04	9238.87	-7080.02	1.005e+04
12	5	202	23.54	-23.54			-23.54	1.551e+04	-1.338e+04	20.64	2114.26	1.441e+04
12	5	203	23.54	-23.54			-23.54	1.443e+04	-1.211e+04	174.58	2145.05	1.324e+04
12	5	225	29.67	-23.97	1.90	3.80	-26.80	1.528e+04	-1.389e+04	-1.005e+04	1.144e+04	9864.44
12	5	226	29.80	-23.70	2.21	3.89	-26.74	1.464e+04	-1.216e+04	-8625.72	1.111e+04	9067.64
12	5	248	39.72	-28.71	9.41	1.60	-33.99	1.489e+04	-1.420e+04	-1.420e+04	1.489e+04	-235.93
12	5	249	39.90	-28.12	9.93	1.85	-33.77	1.466e+04	-1.203e+04	-1.203e+04	1.466e+04	-182.60
12	5	271	50.07	-34.50	24.43	-8.86	-38.87	1.442e+04	-1.433e+04	-1.014e+04	1.023e+04	-1.014e+04
12	5	272	50.28	-33.62	24.97	-8.31	-38.51	1.454e+04	-1.178e+04	-7980.39	1.074e+04	-9249.92
12	5	294	58.57	-39.50	43.53	-24.46	-35.34	1.397e+04	-1.434e+04	-331.17	-36.72	-1.415e+04
12	5	295	58.81	-38.41	43.97	-23.57	-34.96	1.436e+04	-1.150e+04	1250.79	1606.82	-1.293e+04
12	5	317	64.08	-42.81	59.66	-38.39	-21.27	1.365e+04	-1.430e+04	9470.13	-1.013e+04	-9962.82
12	5	318	64.33	-41.58	59.98	-37.22	-21.03	1.420e+04	-1.128e+04	1.038e+04	-7457.68	-9104.44
12	5	340	65.98	-43.96	65.98	-43.96		1.353e+04	-1.428e+04	1.353e+04	-1.428e+04	

12	5	341	66.24	-42.68	66.24	-42.68		1.414e+04	-1.120e+04	1.414e+04	-1.120e+04	
12	5	363	64.08	-42.81	59.66	-38.39	21.27	1.365e+04	-1.430e+04	9470.13	-1.013e+04	9962.82
12	5	364	64.33	-41.58	59.98	-37.22	21.03	1.420e+04	-1.128e+04	1.038e+04	-7457.68	9104.44
12	5	386	58.57	-39.50	43.53	-24.46	35.34	1.397e+04	-1.434e+04	-331.17	-36.72	1.415e+04
12	5	387	58.81	-38.41	43.97	-23.57	34.96	1.436e+04	-1.150e+04	1250.79	1606.82	1.293e+04
12	5	409	50.07	-34.50	24.43	-8.86	38.87	1.442e+04	-1.433e+04	-1.014e+04	1.023e+04	1.014e+04
12	5	410	50.28	-33.62	24.97	-8.31	38.51	1.454e+04	-1.178e+04	-7980.39	1.074e+04	9249.92
12	5	432	39.72	-28.71	9.41	1.60	33.99	1.489e+04	-1.420e+04	-1.420e+04	1.489e+04	235.93
12	5	433	39.90	-28.12	9.93	1.85	33.77	1.466e+04	-1.203e+04	-1.203e+04	1.466e+04	182.60
12	5	455	29.67	-23.97	1.90	3.80	26.80	1.528e+04	-1.389e+04	-1.005e+04	1.144e+04	-9864.44
12	5	456	29.80	-23.70	2.21	3.89	26.74	1.464e+04	-1.216e+04	-8625.72	1.111e+04	-9067.64
12	5	478	23.54	-23.54			23.54	1.551e+04	-1.338e+04	20.64	2114.26	-1.441e+04
12	5	479	23.54	-23.54			23.54	1.443e+04	-1.211e+04	174.58	2145.05	-1.324e+04
12	5	501	23.97	-29.67	-1.90	-3.80	26.80	1.554e+04	-1.266e+04	1.038e+04	-7492.28	-1.091e+04
12	5	502	23.70	-29.80	-2.21	-3.89	26.74	1.403e+04	-1.187e+04	9238.87	-7080.02	-1.005e+04
12	5	524	28.71	-39.72	-9.41	-1.60	33.99	1.538e+04	-1.180e+04	1.529e+04	-1.171e+04	-1577.20
12	5	525	28.12	-39.90	-9.93	-1.85	33.77	1.346e+04	-1.145e+04	1.336e+04	-1.135e+04	-1523.87
12	5	547	34.50	-50.07	-24.43	8.86	38.87	1.507e+04	-1.089e+04	1.228e+04	-8098.21	8045.48
12	5	548	33.62	-50.28	-24.97	8.31	38.51	1.280e+04	-1.092e+04	1.030e+04	-8419.64	7279.46
12	5	570	39.50	-58.57	-43.53	24.46	35.34	1.472e+04	-1.008e+04	3512.88	1124.81	1.234e+04
12	5	571	38.41	-58.81	-43.97	23.57	34.96	1.217e+04	-1.039e+04	2054.07	-272.42	1.122e+04
12	8	18	8.79	-13.20	-13.20	8.79		2873.32	-177.25	-177.25	2873.32	
12	8	19	8.54	-13.25	-13.25	8.54		2442.00	-263.52	-263.52	2442.00	
12	8	64	8.56	-12.82	-11.93	7.68	-4.25	2957.76	-281.39	466.02	2210.35	-1364.68
12	8	65	8.32	-12.87	-12.00	7.44	-4.21	2537.14	-354.42	331.41	1851.31	-1229.94
12	8	87	8.56	-12.82	-11.93	7.68	4.25	2957.76	-281.39	466.02	2210.35	1364.68
12	8	88	8.32	-12.87	-12.00	7.44	4.21	2537.14	-354.42	331.41	1851.31	1229.94
12	8	110	7.90	-11.71	-8.71	4.89	-7.07	3172.06	-553.43	1966.64	651.99	-1742.91
12	8	111	7.68	-11.76	-8.79	4.71	-6.99	2780.68	-585.54	1724.12	471.02	-1562.14
12	8	133	6.90	-10.01	-4.89	1.77	-7.77	3442.24	-915.47	3300.87	-774.10	-772.06
12	8	134	6.72	-10.06	-4.99	1.66	-7.70	3095.05	-880.17	2979.41	-764.53	-668.09
12	8	156	5.74	-7.94	-1.88	-0.32	-6.80	3710.40	-1303.33	3484.33	-1077.27	1040.34
12	8	157	5.62	-7.98	-1.99	-0.37	-6.75	3420.35	-1179.74	3197.80	-957.19	987.03
12	8	179	4.79	-5.93	-0.38	-0.76	-5.36	3943.02	-1675.35	2195.68	71.99	2600.77
12	8	180	4.74	-5.96	-0.44	-0.78	-5.35	3720.50	-1449.92	2084.92	185.65	2404.48
12	8	202	4.71	-4.71			-4.71	4124.59	-2006.52	12.63	2105.44	2881.44
12	8	203	4.71	-4.71			-4.71	3975.98	-1673.25	166.52	2136.21	2647.36
12	8	225	5.93	-4.79	0.38	0.76	-5.36	4251.88	-2283.40	-1890.03	3858.50	1554.37
12	8	226	5.96	-4.74	0.44	0.78	-5.35	4178.54	-1843.65	-1488.00	3822.88	1419.63
12	8	248	7.94	-5.74	1.88	0.32	-6.80	4330.15	-2501.07	-2412.66	4241.74	-772.08
12	8	249	7.98	-5.62	1.99	0.37	-6.75	4327.99	-1963.14	-1879.92	4244.77	-718.78
12	8	271	10.01	-6.90	4.89	-1.77	-7.77	4370.18	-2660.82	-1182.80	2892.17	-2864.86
12	8	272	10.06	-6.72	4.99	-1.66	-7.70	4429.82	-2039.24	-676.68	3067.26	-2637.79
12	8	294	11.71	-7.90	8.71	-4.89	-7.07	4385.32	-2767.80	1197.83	419.68	-3555.34
12	8	295	11.76	-7.68	8.79	-4.71	-6.99	4492.70	-2082.37	1563.46	846.87	-3267.95
12	8	317	12.82	-8.56	11.93	-7.68	-4.25	4388.25	-2828.48	3464.47	-1904.70	-2411.08
12	8	318	12.87	-8.32	12.00	-7.44	-4.21	4525.77	-2103.03	3677.13	-1254.39	-2214.79
12	8	340	13.20	-8.79	13.20	-8.79		4388.13	-2848.05	4388.13	-2848.05	
12	8	341	13.25	-8.54	13.25	-8.54		4535.94	-2108.97	4535.94	-2108.97	
12	8	363	12.82	-8.56	11.93	-7.68	4.25	4388.25	-2828.48	3464.47	-1904.70	2411.08
12	8	364	12.87	-8.32	12.00	-7.44	4.21	4525.77	-2103.03	3677.13	-1254.39	2214.79
12	8	386	11.71	-7.90	8.71	-4.89	7.07	4385.32	-2767.80	1197.83	419.68	3555.34
12	8	387	11.76	-7.68	8.79	-4.71	6.99	4492.70	-2082.37	1563.46	846.87	3267.95
12	8	409	10.01	-6.90	4.89	-1.77	7.77	4370.18	-2660.82	-1182.80	2892.17	2864.86
12	8	410	10.06	-6.72	4.99	-1.66	7.70	4429.82	-2039.24	-676.68	3067.26	2637.79
12	8	432	7.94	-5.74	1.88	0.32	6.80	4330.15	-2501.07	-2412.66	4241.74	772.08
12	8	433	7.98	-5.62	1.99	0.37	6.75	4327.99	-1963.14	-1879.92	4244.77	718.78
12	8	455	5.93	-4.79	0.38	0.76	5.36	4251.88	-2283.40	-1890.03	3858.50	-1554.37
12	8	456	5.96	-4.74	0.44	0.78	5.35	4178.54	-1843.65	-1488.00	3822.88	-1419.63
12	8	478	4.71	-4.71			4.71	4124.59	-2006.52	12.63	2105.44	-2881.44
12	8	479	4.71	-4.71			4.71	3975.98	-1673.25	166.52	2136.21	-2647.36
12	8	501	4.79	-5.93	-0.38	-0.76	5.36	3943.02	-1675.35	2195.68	71.99	-2600.77
12	8	502	4.74	-5.96	-0.44	-0.78	5.35	3720.50	-1449.92	2084.92	185.65	-2404.48
12	8	524	5.74	-7.94	-1.88	-0.32	6.80	3710.40	-1303.33	3484.33	-1077.27	-1040.34
12	8	525	5.62	-7.98	-1.99	-0.37	6.75	3420.35	-1179.74	3197.80	-957.19	-987.03
12	8	547	6.90	-10.01	-4.89	1.77	7.77	3442.24	-915.47	3300.87	-774.10	772.06
12	8	548	6.72	-10.06	-4.99	1.66	7.70	3095.05	-880.17	2979.41	-764.53	668.09
12	8	570	7.90	-11.71	-8.71	4.89	7.07	3172.06	-553.43	1966.64	651.99	1742.91
12	8	571	7.68	-11.76	-8.79	4.71	6.99	2780.68	-585.54	1724.12	471.02	1562.14
12	11	18						2105.44	12.63	2105.44	12.63	
12	11	19						2136.21	166.52	2136.21	166.52	
12	11	64						2105.44	12.63	1965.25	152.82	523.20
12	11	65						2136.21	166.52	2004.27	298.46	492.42
12	11	87						2105.44	12.63	1965.25	152.82	-523.20
12	11	88						2136.21	166.52	2004.27	298.46	-492.42
12	11	110						2105.44	12.63	1582.24	535.83	906.21
12	11	111						2136.21	166.52	1643.79	658.94	852.90

12	11	133					2105.44	12.63	1059.03	1059.03	1046.40
12	11	134					2136.21	166.52	1151.36	1151.36	984.85
12	11	156					2105.44	12.63	535.83	1582.24	906.21
12	11	157					2136.21	166.52	658.94	1643.79	852.90
12	11	179					2105.44	12.63	152.82	1965.24	523.20
12	11	180					2136.21	166.52	298.46	2004.27	492.42
12	11	202					2105.44	12.63	12.63	2105.44	
12	11	203					2136.21	166.52	166.52	2136.21	
12	11	225					2105.44	12.63	152.82	1965.24	-523.20
12	11	226					2136.21	166.52	298.46	2004.27	-492.42
12	11	248					2105.44	12.63	535.83	1582.24	-906.21
12	11	249					2136.21	166.52	658.94	1643.79	-852.90
12	11	271					2105.44	12.63	1059.03	1059.03	-1046.40
12	11	272					2136.21	166.52	1151.36	1151.36	-984.85
12	11	294					2105.44	12.63	1582.24	535.83	-906.21
12	11	295					2136.21	166.52	1643.79	658.94	-852.90
12	11	317					2105.44	12.63	1965.25	152.82	-523.20
12	11	318					2136.21	166.52	2004.27	298.46	-492.42
12	11	340					2105.44	12.63	2105.44	12.63	
12	11	341					2136.21	166.52	2136.21	166.52	
12	11	363					2105.44	12.63	1965.25	152.82	523.20
12	11	364					2136.21	166.52	2004.27	298.46	492.42
12	11	386					2105.44	12.63	1582.24	535.83	906.21
12	11	387					2136.21	166.52	1643.79	658.94	852.90
12	11	409					2105.44	12.63	1059.03	1059.03	1046.40
12	11	410					2136.21	166.52	1151.36	1151.36	984.85
12	11	432					2105.44	12.63	535.83	1582.24	906.21
12	11	433					2136.21	166.52	658.94	1643.79	852.90
12	11	455					2105.44	12.63	152.82	1965.24	523.20
12	11	456					2136.21	166.52	298.46	2004.27	492.42
12	11	478					2105.44	12.63	12.63	2105.44	
12	11	479					2136.21	166.52	166.52	2136.21	
12	11	501					2105.44	12.63	152.82	1965.24	-523.20
12	11	502					2136.21	166.52	298.46	2004.27	-492.42
12	11	524					2105.44	12.63	535.83	1582.24	-906.21
12	11	525					2136.21	166.52	658.94	1643.79	-852.90
12	11	547					2105.44	12.63	1059.03	1059.03	-1046.40
12	11	548					2136.21	166.52	1151.36	1151.36	-984.85
12	11	570					2105.44	12.63	1582.24	535.83	-906.21
12	11	571					2136.21	166.52	1643.79	658.94	-852.90

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-99.35	-99.35	-65.94	-58.30		-2.156e+04	-2.140e+04	-2.143e+04	-2.161e+04
	99.35		99.35	65.94	58.30	2.314e+04		2.282e+04	2.202e+04	2.161e+04

Macro	Tipo	Angolo 1-X (gradi)
13	**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
13	1	19	59.20	-80.82	-80.82	59.20		1.129e+04	-1.711e+04	-1.711e+04	1.129e+04	
13	1	20	57.60	-81.14	-81.14	57.60		8438.43	-1.768e+04	-1.768e+04	8438.43	
13	1	65	57.58	-78.47	-72.69	51.81	-27.43	1.133e+04	-1.687e+04	-1.293e+04	7382.38	-9780.16
13	1	66	56.04	-78.78	-73.09	50.35	-27.12	8532.85	-1.738e+04	-1.378e+04	4933.17	-8962.76
13	1	88	57.58	-78.47	-72.69	51.81	27.43	1.133e+04	-1.687e+04	-1.293e+04	7382.38	9780.16
13	1	89	56.04	-78.78	-73.09	50.35	27.12	8532.85	-1.738e+04	-1.378e+04	4933.17	8962.76
13	1	111	52.92	-71.64	-52.02	33.29	-45.38	1.145e+04	-1.620e+04	-2789.24	-1961.70	-1.382e+04
13	1	112	51.55	-71.94	-52.57	32.18	-44.90	8832.49	-1.653e+04	-4286.73	-3408.01	-1.267e+04
13	1	134	45.80	-61.09	-27.79	12.51	-49.50	1.173e+04	-1.521e+04	7524.80	-1.101e+04	-9772.15
13	1	135	44.71	-61.35	-28.47	11.83	-49.05	9383.58	-1.524e+04	5494.10	-1.135e+04	-8980.34
13	1	157	37.42	-48.23	-9.27	-1.54	-42.65	1.223e+04	-1.406e+04	1.223e+04	-1.406e+04	-76.58
13	1	158	36.68	-48.45	-9.91	-1.86	-42.38	1.025e+04	-1.371e+04	1.025e+04	-1.371e+04	-120.91
13	1	180	30.16	-35.75	-0.87	-4.73	-32.90	1.306e+04	-1.296e+04	8970.21	-8870.41	9464.80
13	1	181	29.82	-35.91	-1.26	-4.83	-32.81	1.149e+04	-1.216e+04	7785.48	-8457.81	8596.23
13	1	203	28.50	-28.50			-28.50	1.422e+04	-1.205e+04	162.47	2004.94	1.310e+04
13	1	204	28.50	-28.50			-28.50	1.310e+04	-1.078e+04	290.42	2030.53	1.191e+04
13	1	226	35.75	-30.16	0.87	4.73	-32.90	1.567e+04	-1.143e+04	-8398.44	1.263e+04	8543.57
13	1	227	35.91	-29.82	1.26	4.83	-32.81	1.500e+04	-9688.10	-6971.52	1.229e+04	7726.17
13	1	249	48.23	-37.42	9.27	1.54	-42.65	1.725e+04	-1.109e+04	-1.099e+04	1.715e+04	-1672.21
13	1	250	48.45	-36.68	9.91	1.86	-42.38	1.701e+04	-8902.04	-8799.35	1.690e+04	-1627.89
13	1	272	61.09	-45.80	27.79	-12.51	-49.50	1.877e+04	-1.095e+04	-5357.40	1.317e+04	-1.161e+04
13	1	273	61.35	-44.71	28.47	-11.83	-49.05	1.888e+04	-8383.94	-3173.16	1.367e+04	-1.072e+04

13	1	295	71.64	-52.92	52.02	-33.29	-45.38	2.002e+04	-1.093e+04	5877.88	3207.87	-1.542e+04
13	1	296	71.94	-51.55	52.57	-32.18	-44.90	2.041e+04	-8071.25	7477.73	4858.89	-1.418e+04
13	1	318	78.47	-57.58	72.69	-51.81	-27.43	2.084e+04	-1.095e+04	1.669e+04	-6810.60	-1.070e+04
13	1	319	78.78	-56.04	73.09	-50.35	-27.12	2.140e+04	-7907.91	1.761e+04	-4119.21	-9832.81
13	1	341	80.82	-59.20	80.82	-59.20		2.112e+04	-1.097e+04	2.112e+04	-1.097e+04	
13	1	342	81.14	-57.60	81.14	-57.60		2.174e+04	-7857.59	2.174e+04	-7857.59	
13	1	364	78.47	-57.58	72.69	-51.81	27.43	2.084e+04	-1.095e+04	1.669e+04	-6810.60	1.070e+04
13	1	365	78.78	-56.04	73.09	-50.35	27.12	2.140e+04	-7907.91	1.761e+04	-4119.21	9832.81
13	1	387	71.64	-52.92	52.02	-33.29	45.38	2.002e+04	-1.093e+04	5877.88	3207.87	1.542e+04
13	1	388	71.94	-51.55	52.57	-32.18	44.90	2.041e+04	-8071.25	7477.73	4858.89	1.418e+04
13	1	410	61.09	-45.80	27.79	-12.51	49.50	1.877e+04	-1.095e+04	-5357.40	1.317e+04	1.161e+04
13	1	411	61.35	-44.71	28.47	-11.83	49.05	1.888e+04	-8383.94	-3173.16	1.367e+04	1.072e+04
13	1	433	48.23	-37.42	9.27	1.54	42.65	1.725e+04	-1.109e+04	-1.099e+04	1.715e+04	1672.21
13	1	434	48.45	-36.68	9.91	1.86	42.38	1.701e+04	-8902.04	-8799.35	1.690e+04	1627.89
13	1	456	35.75	-30.16	0.87	4.73	32.90	1.567e+04	-1.143e+04	-8398.44	1.263e+04	-8543.57
13	1	457	35.91	-29.82	1.26	4.83	32.81	1.500e+04	-9688.10	-6971.52	1.229e+04	-7726.17
13	1	479	28.50	-28.50			28.50	1.422e+04	-1.205e+04	162.47	2004.94	-1.310e+04
13	1	480	28.50	-28.50			28.50	1.310e+04	-1.078e+04	290.42	2030.53	-1.191e+04
13	1	502	30.16	-35.75	-0.87	-4.73	32.90	1.306e+04	-1.296e+04	8970.21	-8870.41	-9464.80
13	1	503	29.82	-35.91	-1.26	-4.83	32.81	1.149e+04	-1.216e+04	7785.48	-8457.81	-8596.23
13	1	525	37.42	-48.23	-9.27	-1.54	42.65	1.223e+04	-1.406e+04	1.223e+04	-1.406e+04	76.58
13	1	526	36.68	-48.45	-9.91	-1.86	42.38	1.025e+04	-1.371e+04	1.025e+04	-1.371e+04	120.91
13	1	548	45.80	-61.09	-27.79	12.51	49.50	1.173e+04	-1.521e+04	7524.80	-1.101e+04	9772.15
13	1	549	44.71	-61.35	-28.47	11.83	49.05	9383.58	-1.524e+04	5494.10	-1.135e+04	8980.34
13	1	571	52.92	-71.64	-52.02	33.29	45.38	1.145e+04	-1.620e+04	-2789.24	-1961.70	1.382e+04
13	1	572	51.55	-71.94	-52.57	32.18	44.90	8832.49	-1.653e+04	-4286.73	-3408.01	1.267e+04
13	5	19	39.47	-53.88	-53.88	39.47		7543.05	-1.120e+04	-1.120e+04	7543.05	
13	5	20	38.40	-54.09	-54.09	38.40		5654.53	-1.158e+04	-1.158e+04	5654.53	
13	5	65	38.39	-52.31	-48.46	34.54	-18.28	7569.01	-1.105e+04	-8428.81	4950.04	-6472.86
13	5	66	37.36	-52.52	-48.72	33.56	-18.08	5720.07	-1.138e+04	-8993.40	3329.65	-5930.55
13	5	88	38.39	-52.31	-48.46	34.54	18.28	7569.01	-1.105e+04	-8428.81	4950.04	6472.86
13	5	89	37.36	-52.52	-48.72	33.56	18.08	5720.07	-1.138e+04	-8993.40	3329.65	5930.55
13	5	111	35.28	-47.76	-34.68	22.19	-30.26	7661.06	-1.061e+04	-1701.96	-1244.76	-9131.56
13	5	112	34.37	-47.96	-35.05	21.46	-29.94	5927.80	-1.082e+04	-2695.04	-2198.47	-8370.88
13	5	134	30.54	-40.73	-18.53	8.34	-33.00	7859.10	-9959.47	5126.82	-7227.19	-6420.28
13	5	135	29.80	-40.90	-18.98	7.88	-32.70	6309.02	-9977.26	3780.89	-7449.13	-5897.65
13	5	157	24.95	-32.16	-6.18	-1.02	-28.44	8219.20	-9216.57	8219.15	-9216.51	30.78
13	5	158	24.46	-32.30	-6.61	-1.24	-28.25	6907.03	-8978.45	6907.03	-8978.45	-3.32
13	5	180	20.10	-23.83	-0.58	-3.15	-21.93	8792.92	-8505.82	6008.59	-5721.49	6357.12
13	5	181	19.88	-23.94	-0.84	-3.22	-21.88	7757.94	-7969.85	5231.19	-5443.10	5775.44
13	5	203	19.00	-19.00			-19.00	9597.05	-7931.55	124.10	1541.40	8735.60
13	5	204	19.00	-19.00			-19.00	8860.79	-7077.18	222.53	1561.09	7940.83
13	5	226	23.83	-20.10	0.58	3.15	-21.93	1.059e+04	-7544.92	-5570.51	8614.41	5648.47
13	5	227	23.94	-19.88	0.84	3.22	-21.88	1.015e+04	-6373.35	-4606.81	8385.94	5106.16
13	5	249	32.16	-24.95	6.18	1.02	-28.44	1.167e+04	-7337.94	-7262.29	1.159e+04	-1196.64
13	5	250	32.30	-24.46	6.61	1.24	-28.25	1.151e+04	-5870.81	-5792.70	1.143e+04	-1162.55
13	5	272	40.73	-30.54	18.53	-8.34	-33.00	1.269e+04	-7263.44	-3461.32	8892.69	-7837.58
13	5	273	40.90	-29.80	18.98	-7.88	-32.70	1.278e+04	-5541.48	-1997.28	9232.75	-7236.21
13	5	295	47.76	-35.28	34.68	-22.19	-30.26	1.354e+04	-7262.42	4076.12	2201.62	-1.036e+04
13	5	296	47.96	-34.37	35.05	-21.46	-29.94	1.380e+04	-5343.81	5147.93	3312.80	-9530.11
13	5	318	52.31	-38.39	48.46	-34.54	-18.28	1.409e+04	-7283.91	1.132e+04	-4511.95	-7181.51
13	5	319	52.52	-37.36	48.72	-33.56	-18.08	1.447e+04	-5241.04	1.194e+04	-2705.27	-6599.83
13	5	341	53.88	-39.47	53.88	-39.47		1.429e+04	-7294.85	1.429e+04	-7294.85	
13	5	342	54.09	-38.40	54.09	-38.40		1.470e+04	-5209.48	1.470e+04	-5209.48	
13	5	364	52.31	-38.39	48.46	-34.54	18.28	1.409e+04	-7283.91	1.132e+04	-4511.95	7181.51
13	5	365	52.52	-37.36	48.72	-33.56	18.08	1.447e+04	-5241.04	1.194e+04	-2705.27	6599.83
13	5	387	47.76	-35.28	34.68	-22.19	30.26	1.354e+04	-7262.42	4076.12	2201.62	1.036e+04
13	5	388	47.96	-34.37	35.05	-21.46	29.94	1.380e+04	-5343.81	5147.93	3312.80	9530.11
13	5	410	40.73	-30.54	18.53	-8.34	33.00	1.269e+04	-7263.44	-3461.32	8892.69	7837.58
13	5	411	40.90	-29.80	18.98	-7.88	32.70	1.278e+04	-5541.48	-1997.28	9232.75	7236.21
13	5	433	32.16	-24.95	6.18	1.02	28.44	1.167e+04	-7337.94	-7262.29	1.159e+04	1196.64
13	5	434	32.30	-24.46	6.61	1.24	28.25	1.151e+04	-5870.81	-5792.70	1.143e+04	1162.55
13	5	456	23.83	-20.10	0.58	3.15	21.93	1.059e+04	-7544.92	-5570.51	8614.41	-5648.47
13	5	457	23.94	-19.88	0.84	3.22	21.88	1.015e+04	-6373.35	-4606.81	8385.94	-5106.16
13	5	479	19.00	-19.00			19.00	9597.05	-7931.55	124.10	1541.40	-8735.60
13	5	480	19.00	-19.00			19.00	8860.79	-7077.18	222.53	1561.09	-7940.83
13	5	502	20.10	-23.83	-0.58	-3.15	21.93	8792.92	-8505.82	6008.59	-5721.49	-6357.12
13	5	503	19.88	-23.94	-0.84	-3.22	21.88	7757.94	-7969.85	5231.19	-5443.10	-5775.44
13	5	525	24.95	-32.16	-6.18	-1.02	28.44	8219.20	-9216.57	8219.15	-9216.51	-30.78
13	5	526	24.46	-32.30	-6.61	-1.24	28.25	6907.03	-8978.45	6907.03	-8978.45	3.32
13	5	548	30.54	-40.73	-18.53	8.34	33.00	7859.10	-9959.47	5126.82	-7227.19	6420.28
13	5	549	29.80	-40.90	-18.98	7.88	32.70	6309.02	-9977.26	3780.89	-7449.13	5897.65
13	5	571	35.28	-47.76	-34.68	22.19	30.26	7661.06	-1.061e+04	-1701.96	-1244.76	9131.56
13	5	572	34.37	-47.96	-35.05	21.46	29.94	5927.80	-1.082e+04	-2695.04	-2198.47	8370.88
13	8	19	7.89	-10.78	-10.78	7.89		1602.22	-1013.12	-1013.12	1602.22	
13	8	20	7.68	-10.82	-10.82	7.68		1303.26	-1072.91	-1072.91	1303.26	
13	8	65	7.68	-10.46	-9.69	6.91	-3.66	1631.60	-1006.20	-534.18	1159.58	-1011.09

13	8	66	7.47	-10.50	-9.74	6.71	-3.62	1339.00	-1056.10	-627.13	910.02	-918.38
13	8	88	7.68	-10.46	-9.69	6.91	3.66	1631.60	-1006.20	-534.18	1159.58	1011.09
13	8	89	7.47	-10.50	-9.74	6.71	3.62	1339.00	-1056.10	-627.13	910.02	918.38
13	8	111	7.06	-9.55	-6.94	4.44	-6.05	1722.21	-990.40	603.67	128.14	-1335.30
13	8	112	6.87	-9.59	-7.01	4.29	-5.99	1448.41	-1011.46	436.55	0.40	-1210.45
13	8	134	6.11	-8.15	-3.71	1.67	-6.60	1878.97	-977.90	1685.94	-784.86	-717.09
13	8	135	5.96	-8.18	-3.80	1.58	-6.54	1635.58	-953.59	1464.00	-782.00	-644.06
13	8	157	4.99	-6.43	-1.24	-0.20	-5.69	2103.24	-981.57	2020.92	-899.24	497.16
13	8	158	4.89	-6.46	-1.32	-0.25	-5.65	1900.32	-898.96	1821.49	-820.13	463.07
13	8	180	4.02	-4.77	-0.12	-0.63	-4.39	2387.18	-1008.61	1371.29	7.28	1554.91
13	8	181	3.98	-4.79	-0.17	-0.64	-4.38	2232.23	-858.97	1290.33	82.93	1422.82
13	8	203	3.80	-3.80			-3.80	2712.51	-1058.26	118.43	1535.82	1747.12
13	8	204	3.80	-3.80			-3.80	2609.63	-837.26	216.86	1555.51	1588.17
13	8	226	4.77	-4.02	0.12	0.63	-4.39	3053.57	-1123.64	-944.53	2874.47	846.21
13	8	227	4.79	-3.98	0.17	0.64	-4.38	3003.01	-831.54	-677.27	2848.74	753.50
13	8	249	6.43	-4.99	1.24	0.20	-5.69	3381.86	-1195.04	-1075.37	3262.19	-730.34
13	8	250	6.46	-4.89	1.32	0.25	-5.65	3380.10	-836.72	-718.45	3261.83	-696.24
13	8	272	8.15	-6.11	3.71	-1.67	-6.60	3669.93	-1262.50	-31.69	2439.11	-2134.48
13	8	273	8.18	-5.96	3.80	-1.58	-6.54	3710.03	-847.29	308.37	2554.37	-1982.71
13	8	295	9.55	-7.06	6.94	-4.44	-6.05	3894.06	-1317.36	1759.28	817.42	-2562.80
13	8	296	9.59	-6.87	7.01	-4.29	-5.99	3966.23	-858.44	2005.14	1102.65	-2369.75
13	8	318	10.46	-7.68	9.69	-6.91	-3.66	4036.12	-1353.01	3415.93	-732.82	-1719.79
13	8	319	10.50	-7.47	9.74	-6.71	-3.62	4128.42	-866.58	3558.80	-296.96	-1587.70
13	8	341	10.78	-7.89	10.78	-7.89		4084.76	-1365.36	4084.76	-1365.36	
13	8	342	10.82	-7.68	10.82	-7.68		4183.93	-869.54	4183.93	-869.54	
13	8	364	10.46	-7.68	9.69	-6.91	3.66	4036.12	-1353.01	3415.93	-732.82	1719.79
13	8	365	10.50	-7.47	9.74	-6.71	3.62	4128.42	-866.58	3558.80	-296.96	1587.70
13	8	387	9.55	-7.06	6.94	-4.44	6.05	3894.06	-1317.36	1759.28	817.42	2562.80
13	8	388	9.59	-6.87	7.01	-4.29	5.99	3966.23	-858.44	2005.14	1102.65	2369.75
13	8	410	8.15	-6.11	3.71	-1.67	6.60	3669.93	-1262.50	-31.69	2439.11	2134.48
13	8	411	8.18	-5.96	3.80	-1.58	6.54	3710.03	-847.29	308.37	2554.37	1982.71
13	8	433	6.43	-4.99	1.24	0.20	5.69	3381.86	-1195.04	-1075.37	3262.19	730.34
13	8	434	6.46	-4.89	1.32	0.25	5.65	3380.10	-836.72	-718.45	3261.83	696.24
13	8	456	4.77	-4.02	0.12	0.63	4.39	3053.57	-1123.64	-944.53	2874.47	-846.21
13	8	457	4.79	-3.98	0.17	0.64	4.38	3003.01	-831.54	-677.27	2848.74	-753.50
13	8	479	3.80	-3.80			3.80	2712.51	-1058.26	118.43	1535.82	-1747.12
13	8	480	3.80	-3.80			3.80	2609.63	-837.26	216.86	1555.51	-1588.17
13	8	502	4.02	-4.77	-0.12	-0.63	4.39	2387.18	-1008.61	1371.29	7.28	-1554.91
13	8	503	3.98	-4.79	-0.17	-0.64	4.38	2232.23	-858.97	1290.33	82.93	-1422.82
13	8	525	4.99	-6.43	-1.24	-0.20	5.69	2103.24	-981.57	2020.92	-899.24	-497.16
13	8	526	4.89	-6.46	-1.32	-0.25	5.65	1900.32	-898.96	1821.49	-820.13	-463.07
13	8	548	6.11	-8.15	-3.71	1.67	6.60	1878.97	-977.90	1685.94	-784.86	717.09
13	8	549	5.96	-8.18	-3.80	1.58	6.54	1635.58	-953.59	1464.00	-782.00	644.06
13	8	571	7.06	-9.55	-6.94	4.44	6.05	1722.21	-990.40	603.67	128.14	1335.30
13	8	572	6.87	-9.59	-7.01	4.29	5.99	1448.41	-1011.46	436.55	0.40	1210.45
13	11	19						1535.82	118.43	1535.82	118.43	
13	11	20						1555.51	216.86	1555.51	216.86	
13	11	65						1535.82	118.43	1440.88	213.38	354.35
13	11	66						1555.51	216.86	1465.84	306.53	334.66
13	11	88						1535.82	118.43	1440.88	213.38	-354.35
13	11	89						1555.51	216.86	1465.84	306.53	-334.66
13	11	111						1535.82	118.43	1181.47	472.78	613.75
13	11	112						1555.51	216.86	1220.85	551.52	579.65
13	11	134						1535.82	118.43	827.13	827.13	708.70
13	11	135						1555.51	216.86	886.18	886.18	669.32
13	11	157						1535.82	118.43	472.78	1181.47	613.75
13	11	158						1555.51	216.86	551.52	1220.85	579.65
13	11	180						1535.82	118.43	213.38	1440.88	354.35
13	11	181						1555.51	216.86	306.53	1465.84	334.66
13	11	203						1535.82	118.43	118.43	1535.82	
13	11	204						1555.51	216.86	216.86	1555.51	
13	11	226						1535.82	118.43	213.38	1440.88	-354.35
13	11	227						1555.51	216.86	306.53	1465.84	-334.66
13	11	249						1535.82	118.43	472.78	1181.47	-613.75
13	11	250						1555.51	216.86	551.52	1220.85	-579.65
13	11	272						1535.82	118.43	827.13	827.13	-708.70
13	11	273						1555.51	216.86	886.18	886.18	-669.32
13	11	295						1535.82	118.43	1181.47	472.78	-613.75
13	11	296						1555.51	216.86	1220.85	551.52	-579.65
13	11	318						1535.82	118.43	1440.88	213.38	-354.35
13	11	319						1555.51	216.86	1465.84	306.53	-334.66
13	11	341						1535.82	118.43	1535.82	118.43	
13	11	342						1555.51	216.86	1555.51	216.86	
13	11	364						1535.82	118.43	1440.88	213.38	354.35
13	11	365						1555.51	216.86	1465.84	306.53	334.66
13	11	387						1535.82	118.43	1181.47	472.78	613.75
13	11	388						1555.51	216.86	1220.85	551.52	579.65

13	11	410					1535.82	118.43	827.13	827.13	708.70
13	11	411					1555.51	216.86	886.18	886.18	669.32
13	11	433					1535.82	118.43	472.78	1181.47	613.75
13	11	434					1555.51	216.86	551.52	1220.85	579.65
13	11	456					1535.82	118.43	213.38	1440.88	354.35
13	11	457					1555.51	216.86	306.53	1465.84	334.66
13	11	479					1535.82	118.43	118.43	1535.82	
13	11	480					1555.51	216.86	216.86	1555.51	
13	11	502					1535.82	118.43	213.38	1440.88	-354.35
13	11	503					1555.51	216.86	306.53	1465.84	-334.66
13	11	525					1535.82	118.43	472.78	1181.47	-613.75
13	11	526					1555.51	216.86	551.52	1220.85	-579.65
13	11	548					1535.82	118.43	827.13	827.13	-708.70
13	11	549					1555.51	216.86	886.18	886.18	-669.32
13	11	571					1535.82	118.43	1181.47	472.78	-613.75
13	11	572					1555.51	216.86	1220.85	551.52	-579.65

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-81.14	-81.14	-59.20	-49.50		-1.768e+04	-1.768e+04	-1.406e+04	-1.542e+04
	81.14		81.14	59.20	49.50	2.174e+04		2.174e+04	1.715e+04	1.542e+04

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	1	20	52.55	-64.63	-64.63	52.55		5135.43	-1.598e+04	-1.598e+04	5135.43	
14	1	21	51.25	-64.89	-64.89	51.25		3279.76	-1.635e+04	-1.635e+04	3279.76	
14	1	66	51.06	-62.73	-57.77	46.10	-23.23	5147.84	-1.557e+04	-1.306e+04	2639.97	-6757.31
14	1	67	49.81	-62.98	-58.09	44.91	-22.98	3333.50	-1.590e+04	-1.361e+04	1046.11	-6226.08
14	1	89	51.06	-62.73	-57.77	46.10	23.23	5147.84	-1.557e+04	-1.306e+04	2639.97	6757.31
14	1	90	49.81	-62.98	-58.09	44.91	22.98	3333.50	-1.590e+04	-1.361e+04	1046.11	6226.08
14	1	112	46.76	-57.21	-40.39	29.93	-38.29	5207.92	-1.439e+04	-5898.28	-3282.99	-9710.91
14	1	113	45.64	-57.45	-40.84	29.02	-37.90	3512.94	-1.461e+04	-6871.71	-4225.65	-8964.52
14	1	135	40.14	-48.68	-20.25	11.71	-41.43	5389.34	-1.260e+04	1659.33	-8870.92	-7293.20
14	1	136	39.24	-48.89	-20.81	11.16	-41.06	3878.57	-1.264e+04	338.94	-9098.07	-6777.36
14	1	158	32.21	-38.25	-5.32	-0.72	-35.16	5828.80	-1.047e+04	5755.10	-1.040e+04	-1093.64
14	1	159	31.61	-38.43	-5.85	-0.98	-34.93	4549.07	-1.026e+04	4463.83	-1.018e+04	-1120.29
14	1	181	25.02	-28.15	0.65	-3.78	-26.49	6723.06	-8378.44	4759.32	-6414.70	5079.29
14	1	182	24.74	-28.27	0.33	-3.87	-26.42	5706.63	-7869.93	3985.39	-6148.68	4517.29
14	1	204	22.60	-22.60			-22.60	8245.18	-6692.69	191.60	1360.89	7446.02
14	1	205	22.60	-22.60			-22.60	7518.33	-5873.53	268.52	1376.28	6672.98
14	1	227	28.15	-25.02	-0.65	3.78	-26.49	1.036e+04	-5604.63	-4219.46	8979.83	4494.64
14	1	228	28.27	-24.74	-0.33	3.87	-26.42	9939.34	-4486.44	-3299.93	8752.83	3963.41
14	1	250	38.25	-32.21	5.32	0.72	-35.16	1.279e+04	-5039.67	-4787.26	1.254e+04	-2106.28
14	1	251	38.43	-31.61	5.85	0.98	-34.93	1.264e+04	-3642.92	-3372.91	1.237e+04	-2079.63
14	1	273	48.68	-40.14	20.25	-11.71	-41.43	1.512e+04	-4808.43	-106.84	1.042e+04	-8462.50
14	1	274	48.89	-39.24	20.81	-11.16	-41.06	1.521e+04	-3164.71	1305.86	1.074e+04	-7885.11
14	1	296	57.21	-46.76	40.39	-29.93	-38.29	1.703e+04	-4746.10	8035.41	4250.83	-1.072e+04
14	1	297	57.45	-45.64	40.84	-29.02	-37.90	1.729e+04	-2906.30	9070.39	5316.58	-9923.86
14	1	319	62.73	-51.06	57.77	-46.10	-23.23	1.827e+04	-4746.28	1.562e+04	-2100.12	-7341.96
14	1	320	62.98	-49.81	58.09	-44.91	-22.98	1.864e+04	-2780.29	1.622e+04	-360.65	-6779.96
14	1	342	64.63	-52.55	64.63	-52.55		1.870e+04	-4752.23	1.870e+04	-4752.23	
14	1	343	64.89	-51.25	64.89	-51.25		1.910e+04	-2742.71	1.910e+04	-2742.71	
14	1	365	62.73	-51.06	57.77	-46.10	23.23	1.827e+04	-4746.28	1.562e+04	-2100.12	7341.96
14	1	366	62.98	-49.81	58.09	-44.91	22.98	1.864e+04	-2780.29	1.622e+04	-360.65	6779.96
14	1	388	57.21	-46.76	40.39	-29.93	38.29	1.703e+04	-4746.10	8035.41	4250.83	1.072e+04
14	1	389	57.45	-45.64	40.84	-29.02	37.90	1.729e+04	-2906.30	9070.39	5316.58	9923.86
14	1	411	48.68	-40.14	20.25	-11.71	41.43	1.512e+04	-4808.43	-106.84	1.042e+04	8462.50
14	1	412	48.89	-39.24	20.81	-11.16	41.06	1.521e+04	-3164.71	1305.86	1.074e+04	7885.11
14	1	434	38.25	-32.21	5.32	0.72	35.16	1.279e+04	-5039.67	-4787.26	1.254e+04	2106.28
14	1	435	38.43	-31.61	5.85	0.98	34.93	1.264e+04	-3642.92	-3372.91	1.237e+04	2079.63
14	1	457	28.15	-25.02	-0.65	3.78	26.49	1.036e+04	-5604.63	-4219.46	8979.83	-4494.64
14	1	458	28.27	-24.74	-0.33	3.87	26.42	9939.34	-4486.44	-3299.93	8752.83	-3963.41
14	1	480	22.60	-22.60			22.60	8245.18	-6692.69	191.60	1360.89	-7446.02
14	1	481	22.60	-22.60			22.60	7518.33	-5873.53	268.52	1376.28	-6672.98
14	1	503	25.02	-28.15	0.65	-3.78	26.49	6723.06	-8378.44	4759.32	-6414.70	-5079.29
14	1	504	24.74	-28.27	0.33	-3.87	26.42	5706.63	-7869.93	3985.39	-6148.68	-4517.29
14	1	526	32.21	-38.25	-5.32	-0.72	35.16	5828.80	-1.047e+04	5755.10	-1.040e+04	1093.64
14	1	527	31.61	-38.43	-5.85	-0.98	34.93	4549.07	-1.026e+04	4463.83	-1.018e+04	1120.29
14	1	549	40.14	-48.68	-20.25	11.71	41.43	5389.34	-1.260e+04	1659.33	-8870.92	7293.20
14	1	550	39.24	-48.89	-20.81	11.16	41.06	3878.57	-1.264e+04	338.94	-9098.07	6777.36

14	1	572	46.76	-57.21	-40.39	29.93	38.29	5207.92	-1.439e+04	-5898.28	-3282.99	9710.91
14	1	573	45.64	-57.45	-40.84	29.02	37.90	3512.94	-1.461e+04	-6871.71	-4225.65	8964.52
14	5	20	35.04	-43.09	-43.09	35.04		3442.68	-1.051e+04	-1.051e+04	3442.68	
14	5	21	34.17	-43.26	-43.26	34.17		2213.47	-1.076e+04	-1.076e+04	2213.47	
14	5	66	34.04	-41.82	-38.51	30.74	-15.49	3452.01	-1.024e+04	-8575.24	1787.09	-4474.87
14	5	67	33.20	-41.99	-38.73	29.94	-15.32	2250.23	-1.046e+04	-8942.51	731.98	-4122.30
14	5	89	34.04	-41.82	-38.51	30.74	15.49	3452.01	-1.024e+04	-8575.24	1787.09	4474.87
14	5	90	33.20	-41.99	-38.73	29.94	15.32	2250.23	-1.046e+04	-8942.51	731.98	4122.30
14	5	112	31.17	-38.14	-26.93	19.95	-25.53	3495.55	-9458.25	-3823.11	-2139.59	-6421.97
14	5	113	30.42	-38.30	-27.23	19.35	-25.27	2372.95	-9603.57	-4468.90	-2761.72	-5927.11
14	5	135	26.76	-32.45	-13.50	7.81	-27.62	3623.41	-8272.99	1185.30	-5834.87	-4802.13
14	5	136	26.16	-32.59	-13.87	7.44	-27.37	2622.97	-8294.76	309.77	-5981.57	-4461.39
14	5	158	21.48	-25.50	-3.55	-0.48	-23.44	3928.45	-6866.73	3885.81	-6824.09	-677.12
14	5	159	21.07	-25.62	-3.90	-0.65	-23.29	3081.18	-6721.48	3031.27	-6671.58	-697.62
14	5	181	16.68	-18.76	0.44	-2.52	-17.66	4543.17	-5488.61	3199.98	-4145.42	3416.20
14	5	182	16.49	-18.85	0.22	-2.58	-17.61	3870.72	-5145.30	2691.50	-3966.08	3039.95
14	5	204	15.07	-15.07			-15.07	5580.92	-4387.78	146.80	1046.34	4964.01
14	5	205	15.07	-15.07			-15.07	5101.09	-3836.93	205.98	1058.18	4448.65
14	5	227	18.76	-16.68	-0.44	2.52	-17.66	7015.40	-3683.68	-2785.87	6117.59	2966.43
14	5	228	18.85	-16.49	-0.22	2.58	-17.61	6735.82	-2932.93	-2165.37	5968.26	2613.85
14	5	250	25.50	-21.48	3.55	0.48	-23.44	8646.86	-3322.30	-3142.44	8467.00	-1456.15
14	5	251	25.62	-21.07	3.90	0.65	-23.29	8553.62	-2385.00	-2193.22	8361.84	-1435.65
14	5	273	32.45	-26.76	13.50	-7.81	-27.62	1.021e+04	-3177.57	7.85	7028.01	-5701.67
14	5	274	32.59	-26.16	13.87	-7.44	-27.37	1.027e+04	-2074.85	954.39	7245.73	-5313.59
14	5	296	38.14	-31.17	26.93	-19.95	-25.53	1.149e+04	-3141.41	5466.02	2882.95	-7201.00
14	5	297	38.30	-30.42	27.23	-19.35	-25.27	1.167e+04	-1907.41	6159.16	3599.77	-6665.14
14	5	319	41.82	-34.04	38.51	-30.74	-15.49	1.232e+04	-3144.28	1.055e+04	-1372.98	-4924.64
14	5	320	41.99	-33.20	38.73	-29.94	-15.32	1.256e+04	-1825.83	1.094e+04	-205.86	-4548.40
14	5	342	43.09	-35.04	43.09	-35.04		1.261e+04	-3149.09	1.261e+04	-3149.09	
14	5	343	43.26	-34.17	43.26	-34.17		1.287e+04	-1801.51	1.287e+04	-1801.51	
14	5	365	41.82	-34.04	38.51	-30.74	15.49	1.232e+04	-3144.28	1.055e+04	-1372.98	4924.64
14	5	366	41.99	-33.20	38.73	-29.94	15.32	1.256e+04	-1825.83	1.094e+04	-205.86	4548.40
14	5	388	38.14	-31.17	26.93	-19.95	25.53	1.149e+04	-3141.41	5466.02	2882.95	7201.00
14	5	389	38.30	-30.42	27.23	-19.35	25.27	1.167e+04	-1907.41	6159.16	3599.77	6665.14
14	5	411	32.45	-26.76	13.50	-7.81	27.62	1.021e+04	-3177.57	7.85	7028.01	5701.67
14	5	412	32.59	-26.16	13.87	-7.44	27.37	1.027e+04	-2074.85	954.39	7245.73	5313.59
14	5	434	25.50	-21.48	3.55	0.48	23.44	8646.86	-3322.30	-3142.44	8467.00	1456.15
14	5	435	25.62	-21.07	3.90	0.65	23.29	8553.62	-2385.00	-2193.22	8361.84	1435.65
14	5	457	18.76	-16.68	-0.44	2.52	17.66	7015.40	-3683.68	-2785.87	6117.59	-2966.43
14	5	458	18.85	-16.49	-0.22	2.58	17.61	6735.82	-2932.93	-2165.37	5968.26	-2613.85
14	5	480	15.07	-15.07			15.07	5580.92	-4387.78	146.80	1046.34	-4964.01
14	5	481	15.07	-15.07			15.07	5101.09	-3836.93	205.98	1058.18	-4448.65
14	5	503	16.68	-18.76	0.44	-2.52	17.66	4543.17	-5488.61	3199.98	-4145.42	-3416.20
14	5	504	16.49	-18.85	0.22	-2.58	17.61	3870.72	-5145.30	2691.50	-3966.08	-3039.95
14	5	526	21.48	-25.50	-3.55	-0.48	23.44	3928.45	-6866.73	3885.81	-6824.09	677.12
14	5	527	21.07	-25.62	-3.90	-0.65	23.29	3081.18	-6721.48	3031.27	-6671.58	697.62
14	5	549	26.76	-32.45	-13.50	7.81	27.62	3623.41	-8272.99	1185.30	-5834.87	4802.13
14	5	550	26.16	-32.59	-13.87	7.44	27.37	2622.97	-8294.76	309.77	-5981.57	4461.39
14	5	572	31.17	-38.14	-26.93	19.95	25.53	3495.55	-9458.25	-3823.11	-2139.59	6421.97
14	5	573	30.42	-38.30	-27.23	19.35	25.27	2372.95	-9603.57	-4468.90	-2761.72	5927.11
14	8	20	7.01	-8.62	-8.62	7.01		802.17	-1268.62	-1268.62	802.17	
14	8	21	6.83	-8.65	-8.65	6.83		603.71	-1308.31	-1308.31	603.71	
14	8	66	6.81	-8.36	-7.70	6.15	-3.10	812.68	-1222.82	-929.43	519.29	-714.92
14	8	67	6.64	-8.40	-7.75	5.99	-3.06	618.74	-1256.50	-990.87	353.12	-653.88
14	8	89	6.81	-8.36	-7.70	6.15	3.10	812.68	-1222.82	-929.43	519.29	714.92
14	8	90	6.64	-8.40	-7.75	5.99	3.06	618.74	-1256.50	-990.87	353.12	653.88
14	8	112	6.23	-7.63	-5.39	3.99	-5.11	850.07	-1095.12	-110.82	-134.23	-972.52
14	8	113	6.08	-7.66	-5.45	3.87	-5.05	669.08	-1110.86	-221.03	-220.75	-889.97
14	8	135	5.35	-6.49	-2.70	1.56	-5.52	932.48	-914.90	710.80	-693.23	-600.31
14	8	136	5.23	-6.52	-2.77	1.49	-5.47	771.38	-901.39	564.13	-694.14	-551.12
14	8	158	4.30	-5.10	-0.71	-9.54e-02	-4.69	1088.15	-728.32	1070.85	-711.02	176.44
14	8	159	4.21	-5.12	-0.78	-0.13	-4.66	952.91	-676.62	937.85	-661.56	155.93
14	8	181	3.34	-3.75	8.72e-02	-0.50	-3.53	1340.41	-582.01	801.87	-43.47	863.30
14	8	182	3.30	-3.77	4.46e-02	-0.52	-3.52	1236.86	-487.43	745.02	4.41	778.57
14	8	204	3.01	-3.01			-3.01	1683.11	-497.00	142.99	1043.13	992.80
14	8	205	3.01	-3.01			-3.01	1615.21	-358.03	202.21	1054.97	889.73
14	8	227	3.75	-3.34	-8.72e-02	0.50	-3.53	2078.17	-464.33	-395.30	2009.13	413.23
14	8	228	3.77	-3.30	-4.46e-02	0.52	-3.52	2045.87	-280.94	-226.35	1991.28	352.19
14	8	250	5.10	-4.30	0.71	9.54e-02	-4.69	2476.58	-464.18	-334.80	2347.20	-603.10
14	8	251	5.12	-4.21	0.78	0.13	-4.66	2476.49	-238.42	-107.05	2345.12	-582.59
14	8	273	6.49	-5.35	2.70	-1.56	-5.52	2833.89	-479.23	475.31	1879.35	-1500.45
14	8	274	6.52	-5.23	2.77	-1.49	-5.47	2860.59	-216.22	693.05	1951.32	-1403.88
14	8	296	7.63	-6.23	5.39	-3.99	-5.11	3114.72	-497.43	1747.01	870.28	-1752.07
14	8	297	7.66	-6.08	5.45	-3.87	-5.05	3161.48	-205.34	1904.59	1051.55	-1628.48
14	8	319	8.36	-6.81	7.70	-6.15	-3.10	3293.54	-511.16	2895.10	-112.72	-1164.99
14	8	320	8.40	-6.64	7.75	-5.99	-3.06	3352.71	-200.60	2986.57	165.55	-1080.26
14	8	342	8.62	-7.01	8.62	-7.01		3354.87	-516.19	3354.87	-516.19	

14	8	343	8.65	-6.83	8.65	-6.83		3418.25	-199.29	3418.25	-199.29	
14	8	365	8.36	-6.81	7.70	-6.15	3.10	3293.54	-511.16	2895.10	-112.72	1164.99
14	8	366	8.40	-6.64	7.75	-5.99	3.06	3352.71	-200.60	2986.57	165.55	1080.26
14	8	388	7.63	-6.23	5.39	-3.99	5.11	3114.72	-497.43	1747.01	870.28	1752.07
14	8	389	7.66	-6.08	5.45	-3.87	5.05	3161.48	-205.34	1904.59	1051.55	1628.48
14	8	411	6.49	-5.35	2.70	-1.56	5.52	2833.89	-479.23	475.31	1879.35	1500.45
14	8	412	6.52	-5.23	2.77	-1.49	5.47	2860.59	-216.22	693.05	1951.32	1403.88
14	8	434	5.10	-4.30	0.71	9.54e-02	4.69	2476.58	-464.18	-334.80	2347.20	603.10
14	8	435	5.12	-4.21	0.78	0.13	4.66	2476.49	-238.42	-107.05	2345.12	582.59
14	8	457	3.75	-3.34	-8.72e-02	0.50	3.53	2078.17	-464.33	-395.30	2009.13	-413.23
14	8	458	3.77	-3.30	-4.46e-02	0.52	3.52	2045.87	-280.94	-226.35	1991.28	-352.19
14	8	480	3.01	-3.01			3.01	1683.11	-497.00	142.99	1043.13	-992.80
14	8	481	3.01	-3.01			3.01	1615.21	-358.03	202.21	1054.97	-889.73
14	8	503	3.34	-3.75	8.72e-02	-0.50	3.53	1340.41	-582.01	801.87	-43.47	-863.30
14	8	504	3.30	-3.77	4.46e-02	-0.52	3.52	1236.86	-487.43	745.02	4.41	-778.57
14	8	526	4.30	-5.10	-0.71	-9.54e-02	4.69	1088.15	-728.32	1070.85	-711.02	-176.44
14	8	527	4.21	-5.12	-0.78	-0.13	4.66	952.91	-676.62	937.85	-661.56	-155.93
14	8	549	5.35	-6.49	-2.70	1.56	5.52	932.48	-914.90	710.80	-693.23	600.31
14	8	550	5.23	-6.52	-2.77	1.49	5.47	771.38	-901.39	564.13	-694.14	551.12
14	8	572	6.23	-7.63	-5.39	3.99	5.11	850.07	-1095.12	-110.82	-134.23	972.52
14	8	573	6.08	-7.66	-5.45	3.87	5.05	669.08	-1110.86	-221.03	-220.75	889.97
14	11	20						1043.13	142.99	1043.13	142.99	
14	11	21						1054.97	202.21	1054.97	202.21	
14	11	66						1043.13	142.99	982.83	203.29	225.03
14	11	67						1054.97	202.21	997.85	259.33	213.19
14	11	89						1043.13	142.99	982.83	203.29	-225.03
14	11	90						1054.97	202.21	997.85	259.33	-213.19
14	11	112						1043.13	142.99	818.09	368.02	389.77
14	11	113						1054.97	202.21	841.78	415.40	369.26
14	11	135						1043.13	142.99	593.06	593.06	450.07
14	11	136						1054.97	202.21	628.59	628.59	426.38
14	11	158						1043.13	142.99	368.02	818.09	389.77
14	11	159						1054.97	202.21	415.40	841.78	369.26
14	11	181						1043.13	142.99	203.29	982.83	225.03
14	11	182						1054.97	202.21	259.33	997.85	213.19
14	11	204						1043.13	142.99	142.99	1043.13	
14	11	205						1054.97	202.21	202.21	1054.97	
14	11	227						1043.13	142.99	203.29	982.83	-225.03
14	11	228						1054.97	202.21	259.33	997.85	-213.19
14	11	250						1043.13	142.99	368.02	818.09	-389.77
14	11	251						1054.97	202.21	415.40	841.78	-369.26
14	11	273						1043.13	142.99	593.06	593.06	-450.07
14	11	274						1054.97	202.21	628.59	628.59	-426.38
14	11	296						1043.13	142.99	818.09	368.02	-389.77
14	11	297						1054.97	202.21	841.78	415.40	-369.26
14	11	319						1043.13	142.99	982.83	203.29	-225.03
14	11	320						1054.97	202.21	997.85	259.33	-213.19
14	11	342						1043.13	142.99	1043.13	142.99	
14	11	343						1054.97	202.21	1054.97	202.21	
14	11	365						1043.13	142.99	982.83	203.29	225.03
14	11	366						1054.97	202.21	997.85	259.33	213.19
14	11	388						1043.13	142.99	818.09	368.02	389.77
14	11	389						1054.97	202.21	841.78	415.40	369.26
14	11	411						1043.13	142.99	593.06	593.06	450.07
14	11	412						1054.97	202.21	628.59	628.59	426.38
14	11	434						1043.13	142.99	368.02	818.09	389.77
14	11	435						1054.97	202.21	415.40	841.78	369.26
14	11	457						1043.13	142.99	203.29	982.83	225.03
14	11	458						1054.97	202.21	259.33	997.85	213.19
14	11	480						1043.13	142.99	142.99	1043.13	
14	11	481						1054.97	202.21	202.21	1054.97	
14	11	503						1043.13	142.99	203.29	982.83	-225.03
14	11	504						1054.97	202.21	259.33	997.85	-213.19
14	11	526						1043.13	142.99	368.02	818.09	-389.77
14	11	527						1054.97	202.21	415.40	841.78	-369.26
14	11	549						1043.13	142.99	593.06	593.06	-450.07
14	11	550						1054.97	202.21	628.59	628.59	-426.38
14	11	572						1043.13	142.99	818.09	368.02	-389.77
14	11	573						1054.97	202.21	841.78	415.40	-369.26

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-64.89	-64.89	-52.55	-41.43		-1.635e+04	-1.635e+04	-1.040e+04	-1.072e+04
	64.89		64.89	52.55	41.43	1.910e+04		1.910e+04	1.254e+04	1.072e+04

Macro	Tipo	Angolo 1-X (gradi)
15	**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
15	1	21	46.10	-49.69	-49.69	46.10		1865.49	-1.252e+04	-1.252e+04	1865.49	
15	1	22	45.07	-49.89	-49.89	45.07		746.56	-1.275e+04	-1.275e+04	746.56	
15	1	67	44.75	-48.21	-44.04	40.58	-19.25	1878.35	-1.214e+04	-1.064e+04	380.58	-4330.57
15	1	68	43.76	-48.41	-44.29	39.63	-19.05	786.54	-1.234e+04	-1.098e+04	-580.87	-4010.62
15	1	90	44.75	-48.21	-44.04	40.58	19.25	1878.35	-1.214e+04	-1.064e+04	380.58	4330.57
15	1	91	43.76	-48.41	-44.29	39.63	19.05	786.54	-1.234e+04	-1.098e+04	-580.87	4010.62
15	1	113	40.82	-43.92	-29.79	26.69	-31.59	1928.69	-1.103e+04	-5978.46	-3119.80	-6318.16
15	1	114	39.94	-44.11	-30.15	25.97	-31.28	914.71	-1.117e+04	-6564.88	-3689.48	-5868.35
15	1	136	34.75	-37.28	-13.51	10.98	-33.87	2058.25	-9304.76	-906.21	-6340.30	-4989.71
15	1	137	34.03	-37.44	-13.95	10.54	-33.58	1162.08	-9343.33	-1701.90	-6479.35	-4678.13
15	1	159	27.36	-29.15	-1.91	0.12	-28.24	2362.47	-7195.74	2180.33	-7013.60	-1306.81
15	1	160	26.88	-29.29	-2.32	-8.69e-02	-28.06	1606.95	-7086.47	1401.26	-6880.78	-1321.30
15	1	182	20.36	-21.28	1.91	-2.83	-20.69	3035.86	-5058.84	2242.17	-4265.15	2407.23
15	1	183	20.13	-21.38	1.65	-2.90	-20.63	2429.16	-4762.45	1773.19	-4106.48	2070.54
15	1	205	17.32	-17.32			-17.32	4353.45	-3360.62	161.66	831.16	3842.48
15	1	206	17.32	-17.32			-17.32	3914.62	-2871.59	203.51	839.53	3378.17
15	1	228	21.28	-20.36	-1.91	2.83	-20.69	6362.13	-2353.51	-1829.15	5837.77	2072.48
15	1	229	21.38	-20.13	-1.65	2.90	-20.63	6115.57	-1696.22	-1280.97	5700.32	1752.53
15	1	251	29.15	-27.36	1.91	-0.12	-28.24	8689.71	-1870.80	-1522.26	8341.17	-1886.61
15	1	252	29.29	-26.88	2.32	8.69e-02	-28.06	8618.89	-1053.30	-676.24	8241.83	-1872.11
15	1	274	37.28	-34.75	13.51	-10.98	-33.87	1.089e+04	-1661.58	1899.03	7333.12	-5659.21
15	1	275	37.44	-34.03	13.95	-10.54	-33.58	1.096e+04	-692.68	2744.93	7522.39	-5314.15
15	1	297	43.92	-40.82	29.79	-26.69	-31.59	1.266e+04	-1578.01	7306.03	3777.87	-6897.96
15	1	298	44.11	-39.94	30.15	-25.97	-31.28	1.283e+04	-484.72	7925.92	4414.50	-6419.16
15	1	320	48.21	-44.75	44.04	-40.58	-19.25	1.380e+04	-1548.84	1.222e+04	32.44	-4665.32
15	1	321	48.41	-43.76	44.29	-39.63	-19.05	1.402e+04	-374.36	1.257e+04	1073.09	-4328.63
15	1	343	49.69	-46.10	49.69	-46.10		1.419e+04	-1542.17	1.419e+04	-1542.17	
15	1	344	49.89	-45.07	49.89	-45.07		1.443e+04	-339.55	1.443e+04	-339.55	
15	1	366	48.21	-44.75	44.04	-40.58	19.25	1.380e+04	-1548.84	1.222e+04	32.44	4665.32
15	1	367	48.41	-43.76	44.29	-39.63	19.05	1.402e+04	-374.36	1.257e+04	1073.09	4328.63
15	1	389	43.92	-40.82	29.79	-26.69	31.59	1.266e+04	-1578.01	7306.03	3777.87	6897.96
15	1	390	44.11	-39.94	30.15	-25.97	31.28	1.283e+04	-484.72	7925.92	4414.50	6419.16
15	1	412	37.28	-34.75	13.51	-10.98	33.87	1.089e+04	-1661.58	1899.03	7333.12	5659.21
15	1	413	37.44	-34.03	13.95	-10.54	33.58	1.096e+04	-692.68	2744.93	7522.39	5314.15
15	1	435	29.15	-27.36	1.91	-0.12	28.24	8689.71	-1870.80	-1522.26	8341.17	1886.61
15	1	436	29.29	-26.88	2.32	8.69e-02	28.06	8618.89	-1053.30	-676.24	8241.83	1872.11
15	1	458	21.28	-20.36	-1.91	2.83	20.69	6362.13	-2353.51	-1829.15	5837.77	-2072.48
15	1	459	21.38	-20.13	-1.65	2.90	20.63	6115.57	-1696.22	-1280.97	5700.32	-1752.53
15	1	481	17.32	-17.32			17.32	4353.45	-3360.62	161.66	831.16	-3842.48
15	1	482	17.32	-17.32			17.32	3914.62	-2871.59	203.51	839.53	-3378.17
15	1	504	20.36	-21.28	1.91	-2.83	20.69	3035.86	-5058.84	2242.17	-4265.15	-2407.23
15	1	505	20.13	-21.38	1.65	-2.90	20.63	2429.16	-4762.45	1773.19	-4106.48	-2070.54
15	1	527	27.36	-29.15	-1.91	0.12	28.24	2362.47	-7195.74	2180.33	-7013.60	1306.81
15	1	528	26.88	-29.29	-2.32	-8.69e-02	28.06	1606.95	-7086.47	1401.26	-6880.78	1321.30
15	1	550	34.75	-37.28	-13.51	10.98	33.87	2058.25	-9304.76	-906.21	-6340.30	4989.71
15	1	551	34.03	-37.44	-13.95	10.54	33.58	1162.08	-9343.33	-1701.90	-6479.35	4678.13
15	1	573	40.82	-43.92	-29.79	26.69	31.59	1928.69	-1.103e+04	-5978.46	-3119.80	6318.16
15	1	574	39.94	-44.11	-30.15	25.97	31.28	914.71	-1.117e+04	-6564.88	-3689.48	5868.35
15	5	21	30.74	-33.12	-33.12	30.74		1259.87	-8264.90	-8264.90	1259.87	
15	5	22	30.05	-33.26	-33.26	30.05		518.22	-8413.23	-8413.23	518.22	
15	5	67	29.83	-32.14	-29.36	27.05	-12.83	1268.79	-8009.12	-7014.87	274.54	-2869.85
15	5	68	29.17	-32.27	-29.53	26.42	-12.70	545.16	-8143.83	-7236.31	-362.36	-2657.41
15	5	90	29.83	-32.14	-29.36	27.05	12.83	1268.79	-8009.12	-7014.87	274.54	2869.85
15	5	91	29.17	-32.27	-29.53	26.42	12.70	545.16	-8143.83	-7236.31	-362.36	2657.41
15	5	113	27.21	-29.28	-19.86	17.79	-21.06	1303.56	-7267.86	-3917.83	-2046.46	-4182.32
15	5	114	26.62	-29.41	-20.10	17.31	-20.85	631.63	-7361.50	-4307.06	-2422.81	-3883.93
15	5	136	23.16	-24.85	-9.01	7.32	-22.58	1392.60	-6122.40	-553.53	-4176.26	-3292.08
15	5	137	22.69	-24.96	-9.30	7.03	-22.38	798.84	-6146.63	-1081.41	-4266.38	-3086.08
15	5	159	18.24	-19.44	-1.27	7.95e-02	-18.83	1600.99	-4721.95	1486.96	-4607.93	-841.42
15	5	160	17.92	-19.52	-1.55	-5.79e-02	-18.71	1100.41	-4647.05	971.02	-4517.66	-852.57
15	5	182	13.57	-14.19	1.27	-1.89	-13.79	2060.98	-3308.42	1515.60	-2763.04	1622.02
15	5	183	13.42	-14.25	1.10	-1.94	-13.75	1659.08	-3108.23	1207.02	-2656.17	1396.70
15	5	205	11.55	-11.55			-11.55	2956.12	-2193.02	123.99	639.11	2561.65
15	5	206	11.55	-11.55			-11.55	2666.23	-1864.50	156.18	645.55	2252.11
15	5	228	14.19	-13.57	-1.27	1.89	-13.79	4310.20	-1536.57	-1198.61	3972.24	1364.46
15	5	229	14.25	-13.42	-1.10	1.94	-13.75	4148.33	-1095.73	-829.09	3881.70	1152.02
15	5	251	19.44	-18.24	1.27	-7.95e-02	-18.83	5870.52	-1223.37	-981.43	5628.58	-1287.53
15	5	252	19.52	-17.92	1.55	5.79e-02	-18.71	5825.19	-675.09	-413.98	5564.08	-1276.37
15	5	274	24.85	-23.16	9.01	-7.32	-22.58	7344.13	-1088.15	1316.63	4939.35	-3807.20
15	5	275	24.96	-22.69	9.30	-7.03	-22.38	7389.68	-438.43	1883.14	5068.11	-3575.44

15	5	297	29.28	-27.21	19.86	-17.79	-21.06	8525.01	-1034.53	4938.49	2551.99	-4628.43
15	5	298	29.41	-26.62	20.10	-17.31	-20.85	8634.90	-301.57	5353.47	2979.85	-4307.74
15	5	320	32.14	-29.83	29.36	-27.05	-12.83	9282.57	-1016.06	8224.07	42.44	-3127.41
15	5	321	32.27	-29.17	29.53	-26.42	-12.70	9430.95	-228.82	8461.85	740.28	-2902.09
15	5	343	33.12	-30.74	33.12	-30.74		9543.12	-1011.90	9543.12	-1011.90	
15	5	344	33.26	-30.05	33.26	-30.05		9704.33	-205.86	9704.33	-205.86	
15	5	366	32.14	-29.83	29.36	-27.05	12.83	9282.57	-1016.06	8224.07	42.44	3127.41
15	5	367	32.27	-29.17	29.53	-26.42	12.70	9430.95	-228.82	8461.85	740.28	2902.09
15	5	389	29.28	-27.21	19.86	-17.79	21.06	8525.01	-1034.53	4938.49	2551.99	4628.43
15	5	390	29.41	-26.62	20.10	-17.31	20.85	8634.90	-301.57	5353.47	2979.85	4307.74
15	5	412	24.85	-23.16	9.01	-7.32	22.58	7344.13	-1088.15	1316.63	4939.35	3807.20
15	5	413	24.96	-22.69	9.30	-7.03	22.38	7389.68	-438.43	1883.14	5068.11	3575.44
15	5	435	19.44	-18.24	1.27	-7.95e-02	18.83	5870.52	-1223.37	-981.43	5628.58	1287.53
15	5	436	19.52	-17.92	1.55	5.79e-02	18.71	5825.19	-675.09	-413.98	5564.08	1276.37
15	5	458	14.19	-13.57	-1.27	1.89	13.79	4310.20	-1536.57	-1198.61	3972.24	-1364.46
15	5	459	14.25	-13.42	-1.10	1.94	13.75	4148.33	-1095.73	-829.09	3881.70	-1152.02
15	5	481	11.55	-11.55			11.55	2956.12	-2193.02	123.99	639.11	-2561.65
15	5	482	11.55	-11.55			11.55	2666.23	-1864.50	156.18	645.55	-2252.11
15	5	504	13.57	-14.19	1.27	-1.89	13.79	2060.98	-3308.42	1515.60	-2763.04	-1622.02
15	5	505	13.42	-14.25	1.10	-1.94	13.75	1659.08	-3108.23	1207.02	-2656.17	-1396.70
15	5	527	18.24	-19.44	-1.27	7.95e-02	18.83	1600.99	-4721.95	1486.96	-4607.93	841.42
15	5	528	17.92	-19.52	-1.55	-5.79e-02	18.71	1100.41	-4647.05	971.02	-4517.66	852.57
15	5	550	23.16	-24.85	-9.01	7.32	22.58	1392.60	-6122.40	-553.53	-4176.26	3292.08
15	5	551	22.69	-24.96	-9.30	7.03	22.38	798.84	-6146.63	-1081.41	-4266.38	3086.08
15	5	573	27.21	-29.28	-19.86	17.79	21.06	1303.56	-7267.86	-3917.83	-2046.46	4182.32
15	5	574	26.62	-29.41	-20.10	17.31	20.85	631.63	-7361.50	-4307.06	-2422.81	3883.93
15	8	21	6.15	-6.62	-6.62	6.15		348.76	-1143.28	-1143.28	348.76	
15	8	22	6.01	-6.65	-6.65	6.01		226.24	-1167.78	-1167.78	226.24	
15	8	67	5.97	-6.43	-5.87	5.41	-2.57	353.26	-1094.84	-920.93	179.35	-470.74
15	8	68	5.83	-6.45	-5.91	5.28	-2.54	233.91	-1116.19	-958.68	76.40	-433.41
15	8	90	5.97	-6.43	-5.87	5.41	2.57	353.26	-1094.84	-920.93	179.35	470.74
15	8	91	5.83	-6.45	-5.91	5.28	2.54	233.91	-1116.19	-958.68	76.40	433.41
15	8	113	5.44	-5.86	-3.97	3.56	-4.21	369.81	-956.18	-377.09	-209.28	-657.67
15	8	114	5.32	-5.88	-4.02	3.46	-4.17	259.36	-967.88	-444.62	-263.90	-606.93
15	8	136	4.63	-4.97	-1.80	1.46	-4.52	409.49	-748.96	192.54	-532.01	-451.96
15	8	137	4.54	-4.99	-1.86	1.41	-4.48	311.91	-744.02	102.45	-534.55	-421.08
15	8	159	3.65	-3.89	-0.25	1.59e-02	-3.77	497.52	-515.22	497.41	-515.11	10.51
15	8	160	3.58	-3.90	-0.31	-1.16e-02	-3.74	414.87	-486.74	414.87	-486.74	-0.66
15	8	182	2.71	-2.84	0.25	-0.38	-2.76	673.38	-316.38	427.56	-70.57	427.63
15	8	183	2.68	-2.85	0.22	-0.39	-2.75	608.89	-261.26	390.27	-42.65	377.41
15	8	205	2.31	-2.31			-2.31	953.17	-194.06	121.58	637.52	512.33
15	8	206	2.31	-2.31			-2.31	911.68	-113.88	153.83	643.97	450.42
15	8	228	2.84	-2.71	-0.25	0.38	-2.76	1296.87	-135.66	-115.28	1276.49	169.66
15	8	229	2.85	-2.68	-0.22	0.39	-2.75	1278.45	-30.47	-16.95	1264.93	132.34
15	8	251	3.89	-3.65	0.25	-1.59e-02	-3.77	1647.96	-112.05	3.73	1532.19	-436.30
15	8	252	3.90	-3.58	0.31	1.16e-02	-3.74	1649.20	18.28	137.86	1529.61	-425.13
15	8	274	4.97	-4.63	1.80	-1.46	-4.52	1962.32	-104.63	566.57	1291.11	-967.90
15	8	275	4.99	-4.54	1.86	-1.41	-4.48	1979.14	48.57	695.36	1332.35	-911.22
15	8	297	5.86	-5.44	3.97	-3.56	-4.21	2208.48	-103.89	1394.17	710.41	-1104.48
15	8	298	5.88	-5.32	4.02	-3.46	-4.17	2236.64	67.48	1487.49	816.63	-1031.41
15	8	320	6.43	-5.97	5.87	-5.41	-2.57	2364.78	-104.99	2126.86	132.93	-728.71
15	8	321	6.45	-5.83	5.91	-5.28	-2.54	2399.86	78.02	2180.95	296.93	-678.49
15	8	343	6.62	-6.15	6.62	-6.15		2418.33	-105.60	2418.33	-105.60	
15	8	344	6.65	-6.01	6.65	-6.01		2455.73	81.42	2455.73	81.42	
15	8	366	6.43	-5.97	5.87	-5.41	2.57	2364.78	-104.99	2126.86	132.93	728.71
15	8	367	6.45	-5.83	5.91	-5.28	2.54	2399.86	78.02	2180.95	296.93	678.49
15	8	389	5.86	-5.44	3.97	-3.56	4.21	2208.48	-103.89	1394.17	710.41	1104.48
15	8	390	5.88	-5.32	4.02	-3.46	4.17	2236.64	67.48	1487.49	816.63	1031.41
15	8	412	4.97	-4.63	1.80	-1.46	4.52	1962.32	-104.63	566.57	1291.11	967.90
15	8	413	4.99	-4.54	1.86	-1.41	4.48	1979.14	48.57	695.36	1332.35	911.22
15	8	435	3.89	-3.65	0.25	-1.59e-02	3.77	1647.96	-112.05	3.73	1532.19	436.30
15	8	436	3.90	-3.58	0.31	1.16e-02	3.74	1649.20	18.28	137.86	1529.61	425.13
15	8	458	2.84	-2.71	-0.25	0.38	2.76	1296.87	-135.66	-115.28	1276.49	-169.66
15	8	459	2.85	-2.68	-0.22	0.39	2.75	1278.45	-30.47	-16.95	1264.93	-132.34
15	8	481	2.31	-2.31			2.31	953.17	-194.06	121.58	637.52	-512.33
15	8	482	2.31	-2.31			2.31	911.68	-113.88	153.83	643.97	-450.42
15	8	504	2.71	-2.84	0.25	-0.38	2.76	673.38	-316.38	427.56	-70.57	-427.63
15	8	505	2.68	-2.85	0.22	-0.39	2.75	608.89	-261.26	390.27	-42.65	-377.41
15	8	527	3.65	-3.89	-0.25	1.59e-02	3.77	497.52	-515.22	497.41	-515.11	-10.51
15	8	528	3.58	-3.90	-0.31	-1.16e-02	3.74	414.87	-486.74	414.87	-486.74	0.66
15	8	550	4.63	-4.97	-1.80	1.46	4.52	409.49	-748.96	192.54	-532.01	451.96
15	8	551	4.54	-4.99	-1.86	1.41	4.48	311.91	-744.02	102.45	-534.55	421.08
15	8	573	5.44	-5.86	-3.97	3.56	4.21	369.81	-956.18	-377.09	-209.28	657.67
15	8	574	5.32	-5.88	-4.02	3.46	4.17	259.36	-967.88	-444.62	-263.90	606.93
15	11	21						637.52	121.58	637.52	121.58	
15	11	22						643.97	153.83	643.97	153.83	
15	11	67						637.52	121.58	602.96	156.14	128.99

15	11	68					643.97	153.83	611.14	186.66	122.54
15	11	90					637.52	121.58	602.96	156.14	-128.99
15	11	91					643.97	153.83	611.14	186.66	-122.54
15	11	113					637.52	121.58	508.54	250.57	223.41
15	11	114					643.97	153.83	521.44	276.36	212.24
15	11	136					637.52	121.58	379.55	379.55	257.97
15	11	137					643.97	153.83	398.90	398.90	245.07
15	11	159					637.52	121.58	250.57	508.54	223.41
15	11	160					643.97	153.83	276.36	521.44	212.24
15	11	182					637.52	121.58	156.14	602.96	128.99
15	11	183					643.97	153.83	186.66	611.14	122.54
15	11	205					637.52	121.58	121.58	637.52	
15	11	206					643.97	153.83	153.83	643.97	
15	11	228					637.52	121.58	156.14	602.96	-128.99
15	11	229					643.97	153.83	186.66	611.14	-122.54
15	11	251					637.52	121.58	250.57	508.54	-223.41
15	11	252					643.97	153.83	276.36	521.44	-212.24
15	11	274					637.52	121.58	379.55	379.55	-257.97
15	11	275					643.97	153.83	398.90	398.90	-245.07
15	11	297					637.52	121.58	508.54	250.57	-223.41
15	11	298					643.97	153.83	521.44	276.36	-212.24
15	11	320					637.52	121.58	602.96	156.14	-128.99
15	11	321					643.97	153.83	611.14	186.66	-122.54
15	11	343					637.52	121.58	637.52	121.58	
15	11	344					643.97	153.83	643.97	153.83	
15	11	366					637.52	121.58	602.96	156.14	128.99
15	11	367					643.97	153.83	611.14	186.66	122.54
15	11	389					637.52	121.58	508.54	250.57	223.41
15	11	390					643.97	153.83	521.44	276.36	212.24
15	11	412					637.52	121.58	379.55	379.55	257.97
15	11	413					643.97	153.83	398.90	398.90	245.07
15	11	435					637.52	121.58	250.57	508.54	223.41
15	11	436					643.97	153.83	276.36	521.44	212.24
15	11	458					637.52	121.58	156.14	602.96	128.99
15	11	459					643.97	153.83	186.66	611.14	122.54
15	11	481					637.52	121.58	121.58	637.52	
15	11	482					643.97	153.83	153.83	643.97	
15	11	504					637.52	121.58	156.14	602.96	-128.99
15	11	505					643.97	153.83	186.66	611.14	-122.54
15	11	527					637.52	121.58	250.57	508.54	-223.41
15	11	528					643.97	153.83	276.36	521.44	-212.24
15	11	550					637.52	121.58	379.55	379.55	-257.97
15	11	551					643.97	153.83	398.90	398.90	-245.07
15	11	573					637.52	121.58	508.54	250.57	-223.41
15	11	574					643.97	153.83	521.44	276.36	-212.24

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-49.89	-49.89	-46.10	-33.87		-1.275e+04	-1.275e+04	-7013.60	-6897.96
	49.89		49.89	46.10	33.87	1.443e+04		1.443e+04	8341.17	6897.96

Macro	Tipo	Angolo 1-X (gradi)
16	**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
16	1	22	39.68	-36.66	-36.66	39.68		331.43	-8567.89	-8567.89	331.43	
16	1	23	38.89	-36.82	-36.82	38.89		-291.90	-8692.55	-8692.55	-291.90	
16	1	68	38.47	-35.56	-32.13	35.04	-15.57	348.91	-8285.39	-7453.74	-482.73	-2547.36
16	1	69	37.71	-35.71	-32.32	34.32	-15.41	-258.04	-8400.10	-7639.57	-1018.58	-2369.37
16	1	91	38.47	-35.56	-32.13	35.04	15.57	348.91	-8285.39	-7453.74	-482.73	2547.36
16	1	92	37.71	-35.71	-32.32	34.32	15.41	-258.04	-8400.10	-7639.57	-1018.58	2369.37
16	1	114	34.97	-32.36	-20.76	23.37	-25.43	405.34	-7462.29	-4668.62	-2388.33	-3764.97
16	1	115	34.30	-32.50	-21.04	22.83	-25.19	-154.62	-7546.85	-4994.94	-2706.52	-3514.55
16	1	137	29.53	-27.40	-7.98	10.12	-26.99	516.19	-6174.04	-1563.07	-4094.77	-3096.36
16	1	138	28.99	-27.52	-8.32	9.78	-26.77	27.12	-6206.73	-2006.01	-4173.60	-2922.43
16	1	160	22.82	-21.31	0.70	0.81	-22.07	724.86	-4559.35	495.10	-4329.60	-1077.63
16	1	161	22.45	-21.41	0.38	0.65	-21.93	317.97	-4514.26	60.81	-4257.10	-1084.67
16	1	183	16.21	-15.43	2.76	-1.98	-15.64	1154.60	-2865.76	896.75	-2607.90	984.98
16	1	184	16.04	-15.50	2.57	-2.04	-15.60	824.74	-2711.41	633.98	-2520.65	798.86
16	1	206	12.80	-12.80			-12.80	2082.04	-1514.58	112.94	454.53	1790.18
16	1	207	12.80	-12.80			-12.80	1837.26	-1245.39	133.27	458.59	1532.72
16	1	229	15.43	-16.21	-2.76	1.98	-15.64	3627.09	-781.00	-625.10	3471.19	814.19

16	1	230	15.50	-16.04	-2.57	2.04	-15.60	3500.09	-429.70	-323.85	3394.25	636.20
16	1	252	21.31	-22.82	-0.70	-0.81	-22.07	5410.29	-440.86	-98.43	5067.85	-1373.45
16	1	253	21.41	-22.45	-0.38	-0.65	-21.93	5383.88	-3.87	368.40	5011.62	-1366.41
16	1	275	27.40	-29.53	7.98	-10.12	-26.99	7059.97	-267.19	2130.54	4662.24	-3437.94
16	1	276	27.52	-28.99	8.32	-9.78	-26.77	7105.49	257.85	2597.87	4765.47	-3247.75
16	1	298	32.36	-34.97	20.76	-23.37	-25.43	8363.09	-171.21	5406.88	2785.00	-4060.79
16	1	299	32.50	-34.30	21.04	-22.83	-25.19	8457.53	427.66	5749.47	3135.72	-3796.28
16	1	321	35.56	-38.47	32.13	-35.04	-15.57	9192.61	-121.21	8317.03	754.38	-2718.15
16	1	322	35.71	-37.71	32.32	-34.32	-15.41	9315.85	526.02	8513.17	1328.71	-2532.03
16	1	344	36.66	-39.68	36.66	-39.68		9476.94	-105.55	9476.94	-105.55	
16	1	345	36.82	-38.89	36.82	-38.89		9609.74	558.44	9609.74	558.44	
16	1	367	35.56	-38.47	32.13	-35.04	15.57	9192.61	-121.21	8317.03	754.38	2718.15
16	1	368	35.71	-37.71	32.32	-34.32	15.41	9315.85	526.02	8513.17	1328.71	2532.03
16	1	390	32.36	-34.97	20.76	-23.37	25.43	8363.09	-171.21	5406.88	2785.00	4060.79
16	1	391	32.50	-34.30	21.04	-22.83	25.19	8457.53	427.66	5749.47	3135.72	3796.28
16	1	413	27.40	-29.53	7.98	-10.12	26.99	7059.97	-267.19	2130.54	4662.24	3437.94
16	1	414	27.52	-28.99	8.32	-9.78	26.77	7105.49	257.85	2597.87	4765.47	3247.75
16	1	436	21.31	-22.82	-0.70	-0.81	22.07	5410.29	-440.86	-98.43	5067.85	1373.45
16	1	437	21.41	-22.45	-0.38	-0.65	21.93	5383.88	-3.87	368.40	5011.62	1366.41
16	1	459	15.43	-16.21	-2.76	1.98	15.64	3627.09	-781.00	-625.10	3471.19	-814.19
16	1	460	15.50	-16.04	-2.57	2.04	15.60	3500.09	-429.70	-323.85	3394.25	-636.20
16	1	482	12.80	-12.80			12.80	2082.04	-1514.58	112.94	454.53	-1790.18
16	1	483	12.80	-12.80			12.80	1837.26	-1245.39	133.27	458.59	-1532.72
16	1	505	16.21	-15.43	2.76	-1.98	15.64	1154.60	-2865.76	896.75	-2607.90	-984.98
16	1	506	16.04	-15.50	2.57	-2.04	15.60	824.74	-2711.41	633.98	-2520.65	-798.86
16	1	528	22.82	-21.31	0.70	0.81	22.07	724.86	-4559.35	495.10	-4329.60	1077.63
16	1	529	22.45	-21.41	0.38	0.65	21.93	317.97	-4514.26	60.81	-4257.10	1084.67
16	1	551	29.53	-27.40	-7.98	10.12	26.99	516.19	-6174.04	-1563.07	-4094.77	3096.36
16	1	552	28.99	-27.52	-8.32	9.78	26.77	27.12	-6206.73	-2006.01	-4173.60	2922.43
16	1	574	34.97	-32.36	-20.76	23.37	25.43	405.34	-7462.29	-4668.62	-2388.33	3764.97
16	1	575	34.30	-32.50	-21.04	22.83	25.19	-154.62	-7546.85	-4994.94	-2706.52	3514.55
16	5	22	26.45	-24.44	-24.44	26.45		232.32	-5665.40	-5665.40	232.32	
16	5	23	25.92	-24.54	-24.54	25.92		-181.14	-5748.09	-5748.09	-181.14	
16	5	68	25.65	-23.71	-21.42	23.36	-10.38	244.08	-5477.17	-4924.99	-308.10	-1689.45
16	5	69	25.14	-23.81	-21.55	22.88	-10.28	-158.48	-5553.21	-5048.34	-663.35	-1571.21
16	5	91	25.65	-23.71	-21.42	23.36	10.38	244.08	-5477.17	-4924.99	-308.10	1689.45
16	5	92	25.14	-23.81	-21.55	22.88	10.28	-158.48	-5553.21	-5048.34	-663.35	1571.21
16	5	114	23.32	-21.57	-13.84	15.58	-16.95	282.06	-4928.80	-3074.68	-1572.06	-2494.76
16	5	115	22.86	-21.67	-14.02	15.22	-16.79	-89.25	-4984.65	-3291.39	-1782.51	-2328.53
16	5	137	19.69	-18.27	-5.32	6.74	-17.99	356.82	-4070.82	-1013.10	-2700.90	-2046.66
16	5	138	19.32	-18.35	-5.54	6.52	-17.84	32.60	-4091.93	-1307.14	-2752.20	-1931.55
16	5	160	15.22	-14.21	0.47	0.54	-14.71	497.98	-2996.42	350.23	-2848.66	-703.20
16	5	161	14.97	-14.28	0.26	0.43	-14.62	228.22	-2965.34	62.37	-2799.49	-708.62
16	5	183	10.81	-10.29	1.84	-1.32	-10.43	789.81	-1872.68	611.56	-1694.43	665.44
16	5	184	10.69	-10.34	1.71	-1.36	-10.40	570.97	-1768.34	438.36	-1635.73	540.94
16	5	206	8.53	-8.53			-8.53	1418.77	-982.57	86.66	349.54	1193.45
16	5	207	8.53	-8.53			-8.53	1256.94	-801.96	102.31	352.67	1021.81
16	5	229	10.29	-10.81	-1.84	1.32	-10.43	2457.97	-502.68	-403.01	2358.30	534.00
16	5	230	10.34	-10.69	-1.71	1.36	-10.40	2374.67	-267.33	-200.19	2307.53	415.76
16	5	252	14.21	-15.22	-0.47	-0.54	-14.71	3650.74	-279.89	-45.46	3416.31	-930.86
16	5	253	14.28	-14.97	-0.26	-0.43	-14.62	3634.05	13.04	267.43	3379.66	-925.44
16	5	275	18.27	-19.69	5.32	-6.74	-17.99	4752.10	-165.68	1449.31	3137.11	-2309.54
16	5	276	18.35	-19.32	5.54	-6.52	-17.84	4783.08	186.22	1762.12	3207.18	-2181.91
16	5	298	21.57	-23.32	13.84	-15.58	-16.95	5621.53	-102.38	3642.32	1876.83	-2722.41
16	5	299	21.67	-22.86	14.02	-15.22	-16.79	5684.99	298.88	3871.55	2112.32	-2545.35
16	5	321	23.71	-25.65	21.42	-23.36	-10.38	6174.84	-69.35	5588.86	516.64	-1820.89
16	5	322	23.81	-25.14	21.55	-22.88	-10.28	6257.45	364.21	5720.14	901.51	-1696.39
16	5	344	24.44	-26.45	24.44	-26.45		6364.48	-58.99	6364.48	-58.99	
16	5	345	24.54	-25.92	24.54	-25.92		6453.43	385.76	6453.43	385.76	
16	5	367	23.71	-25.65	21.42	-23.36	10.38	6174.84	-69.35	5588.86	516.64	1820.89
16	5	368	23.81	-25.14	21.55	-22.88	10.28	6257.45	364.21	5720.14	901.51	1696.39
16	5	390	21.57	-23.32	13.84	-15.58	16.95	5621.53	-102.38	3642.32	1876.83	2722.41
16	5	391	21.67	-22.86	14.02	-15.22	16.79	5684.99	298.88	3871.55	2112.32	2545.35
16	5	413	18.27	-19.69	5.32	-6.74	17.99	4752.10	-165.68	1449.31	3137.11	2309.54
16	5	414	18.35	-19.32	5.54	-6.52	17.84	4783.08	186.22	1762.12	3207.18	2181.91
16	5	436	14.21	-15.22	-0.47	-0.54	14.71	3650.74	-279.89	-45.46	3416.31	930.86
16	5	437	14.28	-14.97	-0.26	-0.43	14.62	3634.05	13.04	267.43	3379.66	925.44
16	5	459	10.29	-10.81	-1.84	1.32	10.43	2457.97	-502.68	-403.01	2358.30	-534.00
16	5	460	10.34	-10.69	-1.71	1.36	10.40	2374.67	-267.33	-200.19	2307.53	-415.76
16	5	482	8.53	-8.53			8.53	1418.77	-982.57	86.66	349.54	-1193.45
16	5	483	8.53	-8.53			8.53	1256.94	-801.96	102.31	352.67	-1021.81
16	5	505	10.81	-10.29	1.84	-1.32	10.43	789.81	-1872.68	611.56	-1694.43	-665.44
16	5	506	10.69	-10.34	1.71	-1.36	10.40	570.97	-1768.34	438.36	-1635.73	-540.94
16	5	528	15.22	-14.21	0.47	0.54	14.71	497.98	-2996.42	350.23	-2848.66	703.20
16	5	529	14.97	-14.28	0.26	0.43	14.62	228.22	-2965.34	62.37	-2799.49	708.62
16	5	551	19.69	-18.27	-5.32	6.74	17.99	356.82	-4070.82	-1013.10	-2700.90	2046.66
16	5	552	19.32	-18.35	-5.54	6.52	17.84	32.60	-4091.93	-1307.14	-2752.20	1931.55

16	5	574	23.32	-21.57	-13.84	15.58	16.95	282.06	-4928.80	-3074.68	-1572.06	2494.76
16	5	575	22.86	-21.67	-14.02	15.22	16.79	-89.25	-4984.65	-3291.39	-1782.51	2328.53
16	8	22	5.29	-4.89	-4.89	5.29		114.41	-854.04	-854.04	114.41	
16	8	23	5.18	-4.91	-4.91	5.18		44.29	-868.07	-868.07	44.29	
16	8	68	5.13	-4.74	-4.28	4.67	-2.08	117.52	-817.15	-720.10	20.47	-285.12
16	8	69	5.03	-4.76	-4.31	4.58	-2.06	49.41	-829.69	-741.59	-38.69	-263.98
16	8	91	5.13	-4.74	-4.28	4.67	2.08	117.52	-817.15	-720.10	20.47	285.12
16	8	92	5.03	-4.76	-4.31	4.58	2.06	49.41	-829.69	-741.59	-38.69	263.98
16	8	114	4.66	-4.31	-2.77	3.12	-3.39	127.86	-710.23	-388.67	-193.69	-407.55
16	8	115	4.57	-4.33	-2.80	3.04	-3.36	65.44	-718.16	-426.99	-225.73	-378.66
16	8	137	3.94	-3.65	-1.06	1.35	-3.60	149.62	-545.43	-29.13	-366.69	-303.79
16	8	138	3.86	-3.67	-1.11	1.30	-3.57	95.35	-545.15	-80.40	-369.41	-285.79
16	8	160	3.04	-2.84	9.31e-02	0.11	-2.94	195.27	-347.97	190.77	-343.47	-49.24
16	8	161	2.99	-2.86	5.10e-02	8.70e-02	-2.92	149.50	-334.86	143.25	-328.61	-54.67
16	8	183	2.16	-2.06	0.37	-0.26	-2.09	297.41	-167.00	204.40	-73.99	185.86
16	8	184	2.14	-2.07	0.34	-0.27	-2.08	260.27	-137.68	181.65	-59.07	158.45
16	8	206	1.71	-1.71			-1.71	489.79	-55.56	85.28	348.94	238.69
16	8	207	1.71	-1.71			-1.71	466.38	-13.32	100.97	352.08	204.36
16	8	229	2.06	-2.16	-0.37	0.26	-2.09	740.50	-2.46	1.49	736.55	54.03
16	8	230	2.07	-2.14	-0.34	0.27	-2.08	731.19	52.34	53.94	729.59	32.89
16	8	252	2.84	-3.04	-9.31e-02	-0.11	-2.94	996.59	24.56	111.63	909.52	-277.57
16	8	253	2.86	-2.99	-5.10e-02	-8.70e-02	-2.92	998.21	93.27	184.26	907.22	-272.14
16	8	275	3.65	-3.94	1.06	-1.35	-3.60	1224.15	40.11	463.35	800.91	-567.45
16	8	276	3.67	-3.86	1.11	-1.30	-3.57	1233.97	121.95	533.45	822.47	-536.90
16	8	298	4.31	-4.66	2.77	-3.12	-3.39	1401.38	49.43	954.73	496.09	-635.89
16	8	299	4.33	-4.57	2.80	-3.04	-3.36	1417.01	141.83	1005.60	553.23	-596.12
16	8	321	4.74	-5.13	4.28	-4.67	-2.08	1513.56	54.52	1382.67	185.42	-416.95
16	8	322	4.76	-5.03	4.31	-4.58	-2.06	1532.69	153.70	1412.11	274.28	-389.54
16	8	344	4.89	-5.29	4.89	-5.29		1551.93	56.15	1551.93	56.15	
16	8	345	4.91	-5.18	4.91	-5.18		1572.23	157.66	1572.23	157.66	
16	8	367	4.74	-5.13	4.28	-4.67	2.08	1513.56	54.52	1382.67	185.42	416.95
16	8	368	4.76	-5.03	4.31	-4.58	2.06	1532.69	153.70	1412.11	274.28	389.54
16	8	390	4.31	-4.66	2.77	-3.12	3.39	1401.38	49.43	954.73	496.09	635.89
16	8	391	4.33	-4.57	2.80	-3.04	3.36	1417.01	141.83	1005.60	553.23	596.12
16	8	413	3.65	-3.94	1.06	-1.35	3.60	1224.15	40.11	463.35	800.91	567.45
16	8	414	3.67	-3.86	1.11	-1.30	3.57	1233.97	121.95	533.45	822.47	536.90
16	8	436	2.84	-3.04	-9.31e-02	-0.11	2.94	996.59	24.56	111.63	909.52	277.57
16	8	437	2.86	-2.99	-5.10e-02	-8.70e-02	2.92	998.21	93.27	184.26	907.22	272.14
16	8	459	2.06	-2.16	-0.37	0.26	2.09	740.50	-2.46	1.49	736.55	-54.03
16	8	460	2.07	-2.14	-0.34	0.27	2.08	731.19	52.34	53.94	729.59	-32.89
16	8	482	1.71	-1.71			1.71	489.79	-55.56	85.28	348.94	-238.69
16	8	483	1.71	-1.71			1.71	466.38	-13.32	100.97	352.08	-204.36
16	8	505	2.16	-2.06	0.37	-0.26	2.09	297.41	-167.00	204.40	-73.99	-185.86
16	8	506	2.14	-2.07	0.34	-0.27	2.08	260.27	-137.68	181.65	-59.07	-158.45
16	8	528	3.04	-2.84	9.31e-02	0.11	2.94	195.27	-347.97	190.77	-343.47	49.24
16	8	529	2.99	-2.86	5.10e-02	8.70e-02	2.92	149.50	-334.86	143.25	-328.61	54.67
16	8	551	3.94	-3.65	-1.06	1.35	3.60	149.62	-545.43	-29.13	-366.69	303.79
16	8	552	3.86	-3.67	-1.11	1.30	3.57	95.35	-545.15	-80.40	-369.41	285.79
16	8	574	4.66	-4.31	-2.77	3.12	3.39	127.86	-710.23	-388.67	-193.69	407.55
16	8	575	4.57	-4.33	-2.80	3.04	3.36	65.44	-718.16	-426.99	-225.73	378.66
16	11	22						348.94	85.28	348.94	85.28	
16	11	23						352.08	100.97	352.08	100.97	
16	11	68						348.94	85.28	331.28	102.94	65.92
16	11	69						352.08	100.97	335.26	117.80	62.78
16	11	91						348.94	85.28	331.28	102.94	-65.92
16	11	92						352.08	100.97	335.26	117.80	-62.78
16	11	114						348.94	85.28	283.03	151.20	114.17
16	11	115						352.08	100.97	289.31	163.75	108.73
16	11	137						348.94	85.28	217.11	217.11	131.83
16	11	138						352.08	100.98	226.53	226.53	125.55
16	11	160						348.94	85.28	151.20	283.03	114.17
16	11	161						352.08	100.97	163.75	289.31	108.73
16	11	183						348.94	85.28	102.94	331.28	65.92
16	11	184						352.08	100.97	117.80	335.26	62.78
16	11	206						348.94	85.28	85.28	348.94	
16	11	207						352.08	100.97	100.97	352.08	
16	11	229						348.94	85.28	102.94	331.28	-65.92
16	11	230						352.08	100.97	117.80	335.26	-62.78
16	11	252						348.94	85.28	151.20	283.03	-114.17
16	11	253						352.08	100.97	163.75	289.31	-108.73
16	11	275						348.94	85.28	217.11	217.11	-131.83
16	11	276						352.08	100.98	226.53	226.53	-125.55
16	11	298						348.94	85.28	283.03	151.20	-114.17
16	11	299						352.08	100.97	289.31	163.75	-108.73
16	11	321						348.94	85.28	331.28	102.94	-65.92
16	11	322						352.08	100.97	335.26	117.80	-62.78
16	11	344						348.94	85.28	348.94	85.28	

16	11	345					352.08	100.97	352.08	100.97	
16	11	367					348.94	85.28	331.28	102.94	65.92
16	11	368					352.08	100.97	335.26	117.80	62.78
16	11	390					348.94	85.28	283.03	151.20	114.17
16	11	391					352.08	100.97	289.31	163.75	108.73
16	11	413					348.94	85.28	217.11	217.11	131.83
16	11	414					352.08	100.98	226.53	226.53	125.55
16	11	436					348.94	85.28	151.20	283.03	114.17
16	11	437					352.08	100.97	163.75	289.31	108.73
16	11	459					348.94	85.28	102.94	331.28	65.92
16	11	460					352.08	100.97	117.80	335.26	62.78
16	11	482					348.94	85.28	85.28	348.94	
16	11	483					352.08	100.97	100.97	352.08	
16	11	505					348.94	85.28	102.94	331.28	-65.92
16	11	506					352.08	100.97	117.80	335.26	-62.78
16	11	528					348.94	85.28	151.20	283.03	-114.17
16	11	529					352.08	100.97	163.75	289.31	-108.73
16	11	551					348.94	85.28	217.11	217.11	-131.83
16	11	552					352.08	100.98	226.53	226.53	-125.55
16	11	574					348.94	85.28	283.03	151.20	-114.17
16	11	575					352.08	100.97	289.31	163.75	-108.73

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-39.68	-36.82	-39.68	-26.99		-8692.55	-8692.55	-4329.60	-4060.79
			39.68		36.82	39.68	26.99	9609.74		9609.74	5067.85	4060.79

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	1	23	33.37	-24.81	-24.81	33.37		-139.42	-4810.63	-4810.63	-139.42	
17	1	24	32.80	-24.92	-24.92	32.80		-437.76	-4870.30	-4870.30	-437.76	
17	1	69	32.33	-24.05	-21.33	29.60	-12.09	-125.09	-4647.23	-4246.53	-525.79	-1285.10
17	1	70	31.78	-24.16	-21.47	29.08	-11.98	-415.07	-4702.75	-4335.39	-782.42	-1200.06
17	1	92	32.33	-24.05	-21.33	29.60	12.09	-125.09	-4647.23	-4246.53	-525.79	1285.10
17	1	93	31.78	-24.16	-21.47	29.08	11.98	-415.07	-4702.75	-4335.39	-782.42	1200.06
17	1	115	29.28	-21.86	-12.67	20.09	-19.63	-81.43	-4169.69	-2826.53	-1424.59	-1920.18
17	1	116	28.79	-21.96	-12.87	19.70	-19.46	-347.31	-4212.59	-2982.49	-1577.40	-1800.42
17	1	138	24.51	-18.45	-3.15	9.21	-20.57	-5.11	-3416.96	-1211.77	-2210.30	-1631.23
17	1	139	24.11	-18.54	-3.40	8.97	-20.41	-234.39	-3438.06	-1423.57	-2248.88	-1547.77
17	1	161	18.54	-14.26	2.86	1.43	-16.38	116.81	-2458.42	-74.67	-2266.94	-675.61
17	1	162	18.27	-14.33	2.63	1.31	-16.28	-70.01	-2445.88	-282.72	-2233.17	-678.34
17	1	184	12.42	-10.21	3.41	-1.19	-11.08	336.43	-1419.84	278.35	-1361.75	314.07
17	1	185	12.29	-10.25	3.27	-1.23	-11.05	185.51	-1354.57	151.63	-1320.70	225.88
17	1	207	8.74	-8.74			-8.74	842.88	-576.05	64.13	202.70	706.07
17	1	208	8.74	-8.74			-8.74	725.46	-449.18	72.00	204.27	583.59
17	1	230	10.21	-12.42	-3.41	1.19	-11.08	1779.93	-162.86	-131.52	1748.59	244.78
17	1	231	10.25	-12.29	-3.27	1.23	-11.05	1726.39	-4.77	10.10	1711.53	159.75
17	1	253	14.26	-18.54	-2.86	-1.43	-16.38	2848.73	26.54	272.22	2603.05	-795.61
17	1	254	14.33	-18.27	-2.63	-1.31	-16.28	2843.07	225.37	492.87	2575.58	-792.88
17	1	276	18.45	-24.51	3.15	-9.21	-20.57	3816.74	138.99	1478.60	2477.13	-1769.80
17	1	277	18.54	-24.11	3.40	-8.97	-20.41	3842.48	382.53	1699.85	2525.16	-1680.04
17	1	299	21.86	-29.28	12.67	-20.09	-19.63	4573.13	211.64	3162.64	1622.14	-2040.19
17	1	300	21.96	-28.79	12.87	-19.70	-19.46	4619.71	492.74	3324.90	1787.55	-1914.97
17	1	322	24.05	-32.33	21.33	-29.60	-12.09	5052.21	253.78	4633.37	672.62	-1354.38
17	1	323	24.16	-31.78	21.47	-29.08	-11.98	5110.98	559.39	4726.22	944.15	-1266.19
17	1	345	24.81	-33.37	24.81	-33.37		5216.03	267.68	5216.03	267.68	
17	1	346	24.92	-32.80	24.92	-32.80		5278.84	581.77	5278.84	581.77	
17	1	368	24.05	-32.33	21.33	-29.60	12.09	5052.21	253.78	4633.37	672.62	1354.38
17	1	369	24.16	-31.78	21.47	-29.08	11.98	5110.98	559.39	4726.22	944.15	1266.19
17	1	391	21.86	-29.28	12.67	-20.09	19.63	4573.13	211.64	3162.64	1622.14	2040.19
17	1	392	21.96	-28.79	12.87	-19.70	19.46	4619.71	492.74	3324.90	1787.55	1914.97
17	1	414	18.45	-24.51	3.15	-9.21	20.57	3816.74	138.99	1478.60	2477.13	1769.80
17	1	415	18.54	-24.11	3.40	-8.97	20.41	3842.48	382.53	1699.85	2525.16	1680.04
17	1	437	14.26	-18.54	-2.86	-1.43	16.38	2848.73	26.54	272.22	2603.05	795.61
17	1	438	14.33	-18.27	-2.63	-1.31	16.28	2843.07	225.37	492.87	2575.58	792.88
17	1	460	10.21	-12.42	-3.41	1.19	11.08	1779.93	-162.86	-131.52	1748.59	-244.78
17	1	461	10.25	-12.29	-3.27	1.23	11.05	1726.39	-4.77	10.10	1711.53	-159.75
17	1	483	8.74	-8.74			8.74	842.88	-576.05	64.13	202.70	-706.07
17	1	484	8.74	-8.74			8.74	725.46	-449.18	72.00	204.27	-583.59
17	1	506	12.42	-10.21	3.41	-1.19	11.08	336.43	-1419.84	278.35	-1361.75	-314.07

17	1	507	12.29	-10.25	3.27	-1.23	11.05	185.51	-1354.57	151.63	-1320.70	-225.88
17	1	529	18.54	-14.26	2.86	1.43	16.38	116.81	-2458.42	-74.67	-2266.94	675.61
17	1	530	18.27	-14.33	2.63	1.31	16.28	-70.01	-2445.88	-282.72	-2233.17	678.34
17	1	552	24.51	-18.45	-3.15	9.21	20.57	-5.11	-3416.96	-1211.77	-2210.30	1631.23
17	1	553	24.11	-18.54	-3.40	8.97	20.41	-234.39	-3438.06	-1423.57	-2248.88	1547.77
17	1	575	29.28	-21.86	-12.67	20.09	19.63	-81.43	-4169.69	-2826.53	-1424.59	1920.18
17	1	576	28.79	-21.96	-12.87	19.70	19.46	-347.31	-4212.59	-2982.49	-1577.40	1800.42
17	5	23	22.25	-16.54	-16.54	22.25		-86.48	-3186.31	-3186.31	-86.48	
17	5	24	21.87	-16.61	-16.61	21.87		-284.56	-3225.92	-3225.92	-284.56	
17	5	69	21.55	-16.04	-14.22	19.74	-8.06	-76.90	-3077.40	-2811.20	-343.10	-853.15
17	5	70	21.18	-16.11	-14.31	19.39	-7.99	-269.41	-3114.24	-2870.24	-513.42	-796.62
17	5	92	21.55	-16.04	-14.22	19.74	8.06	-76.90	-3077.40	-2811.20	-343.10	853.15
17	5	93	21.18	-16.11	-14.31	19.39	7.99	-269.41	-3114.24	-2870.24	-513.42	796.62
17	5	115	19.52	-14.57	-8.45	13.39	-13.09	-47.71	-2759.12	-1867.15	-939.68	-1273.93
17	5	116	19.19	-14.64	-8.58	13.13	-12.97	-224.18	-2787.53	-1970.80	-1040.91	-1194.37
17	5	138	16.34	-12.30	-2.10	6.14	-13.71	3.38	-2257.51	-794.22	-1459.91	-1080.33
17	5	139	16.07	-12.36	-2.26	5.98	-13.61	-148.74	-2271.33	-934.93	-1485.14	-1025.02
17	5	161	12.36	-9.50	1.90	0.95	-10.92	85.21	-1619.03	-39.73	-1494.09	-444.21
17	5	162	12.18	-9.55	1.75	0.87	-10.86	-38.73	-1610.30	-177.78	-1471.25	-446.31
17	5	184	8.28	-6.80	2.27	-0.79	-7.39	233.43	-928.45	192.99	-888.02	212.95
17	5	185	8.20	-6.84	2.18	-0.82	-7.37	133.16	-884.31	109.29	-860.44	154.00
17	5	207	5.83	-5.83			-5.83	576.29	-371.16	49.22	155.91	470.71
17	5	208	5.83	-5.83			-5.83	498.58	-286.17	55.29	157.12	389.06
17	5	230	6.80	-8.28	-2.27	0.79	-7.39	1205.36	-100.07	-80.25	1185.54	159.61
17	5	231	6.84	-8.20	-2.18	0.82	-7.37	1170.24	5.73	14.93	1161.04	103.08
17	5	253	9.50	-12.36	-1.90	-0.95	-10.92	1919.23	24.86	191.52	1752.57	-536.60
17	5	254	9.55	-12.18	-1.75	-0.87	-10.86	1915.80	158.06	339.27	1734.58	-534.50
17	5	276	12.30	-16.34	2.10	-6.14	-13.71	2565.00	99.40	999.36	1665.04	-1187.02
17	5	277	12.36	-16.07	2.26	-5.98	-13.61	2582.40	262.50	1147.34	1697.55	-1126.86
17	5	299	14.57	-19.52	8.45	-13.39	-13.09	3069.44	147.66	2125.63	1091.47	-1366.32
17	5	300	14.64	-19.19	8.58	-13.13	-12.97	3100.68	335.84	2234.13	1202.39	-1282.56
17	5	322	16.04	-21.55	14.22	-19.74	-8.06	3388.89	175.68	3108.73	455.84	-906.50
17	5	323	16.11	-21.18	14.31	-19.39	-7.99	3428.25	380.22	3170.84	637.63	-847.54
17	5	345	16.54	-22.25	16.54	-22.25		3498.13	184.92	3498.13	184.92	
17	5	346	16.61	-21.87	16.61	-21.87		3540.17	395.13	3540.17	395.13	
17	5	368	16.04	-21.55	14.22	-19.74	8.06	3388.89	175.68	3108.73	455.84	906.50
17	5	369	16.11	-21.18	14.31	-19.39	7.99	3428.25	380.22	3170.84	637.63	847.54
17	5	391	14.57	-19.52	8.45	-13.39	13.09	3069.44	147.66	2125.63	1091.47	1366.32
17	5	392	14.64	-19.19	8.58	-13.13	12.97	3100.68	335.84	2234.13	1202.39	1282.56
17	5	414	12.30	-16.34	2.10	-6.14	13.71	2565.00	99.40	999.36	1665.04	1187.02
17	5	415	12.36	-16.07	2.26	-5.98	13.61	2582.40	262.50	1147.34	1697.55	1126.86
17	5	437	9.50	-12.36	-1.90	-0.95	10.92	1919.23	24.86	191.52	1752.57	536.60
17	5	438	9.55	-12.18	-1.75	-0.87	10.86	1915.80	158.06	339.27	1734.58	534.50
17	5	460	6.80	-8.28	-2.27	0.79	7.39	1205.36	-100.07	-80.25	1185.54	-159.61
17	5	461	6.84	-8.20	-2.18	0.82	7.37	1170.24	5.73	14.93	1161.04	-103.08
17	5	483	5.83	-5.83			5.83	576.29	-371.16	49.22	155.91	-470.71
17	5	484	5.83	-5.83			5.83	498.58	-286.17	55.29	157.12	-389.06
17	5	506	8.28	-6.80	2.27	-0.79	7.39	233.43	-928.45	192.99	-888.02	-212.95
17	5	507	8.20	-6.84	2.18	-0.82	7.37	133.16	-884.31	109.29	-860.44	-154.00
17	5	529	12.36	-9.50	1.90	0.95	10.92	85.21	-1619.03	-39.73	-1494.09	444.21
17	5	530	12.18	-9.55	1.75	0.87	10.86	-38.73	-1610.30	-177.78	-1471.25	446.31
17	5	552	16.34	-12.30	-2.10	6.14	13.71	3.38	-2257.51	-794.22	-1459.91	1080.33
17	5	553	16.07	-12.36	-2.26	5.98	13.61	-148.74	-2271.33	-934.93	-1485.14	1025.02
17	5	575	19.52	-14.57	-8.45	13.39	13.09	-47.71	-2759.12	-1867.15	-939.68	1273.93
17	5	576	19.19	-14.64	-8.58	13.13	12.97	-224.18	-2787.53	-1970.80	-1040.91	1194.37
17	8	23	4.45	-3.31	-3.31	4.45		21.38	-512.61	-512.61	21.38	
17	8	24	4.37	-3.32	-3.32	4.37		-13.35	-519.55	-519.55	-13.35	
17	8	69	4.31	-3.21	-2.84	3.95	-1.61	23.46	-490.99	-443.34	-24.19	-149.13
17	8	70	4.24	-3.22	-2.86	3.88	-1.60	-10.21	-497.33	-453.91	-53.63	-138.81
17	8	92	4.31	-3.21	-2.84	3.95	1.61	23.46	-490.99	-443.34	-24.19	149.13
17	8	93	4.24	-3.22	-2.86	3.88	1.60	-10.21	-497.33	-453.91	-53.63	138.81
17	8	115	3.90	-2.91	-1.69	2.68	-2.62	29.90	-427.94	-270.27	-127.77	-217.55
17	8	116	3.84	-2.93	-1.72	2.63	-2.59	-0.71	-432.44	-289.05	-144.11	-203.33
17	8	138	3.27	-2.46	-0.42	1.23	-2.74	41.69	-329.18	-77.18	-210.32	-173.07
17	8	139	3.21	-2.47	-0.45	1.20	-2.72	15.54	-330.36	-102.39	-212.43	-163.97
17	8	161	2.47	-1.90	0.38	0.19	-2.18	62.54	-205.97	52.22	-195.66	-51.61
17	8	162	2.44	-1.91	0.35	0.17	-2.17	41.06	-201.67	28.52	-189.14	-53.72
17	8	184	1.66	-1.36	0.45	-0.16	-1.48	107.71	-83.39	83.03	-58.71	64.09
17	8	185	1.64	-1.37	0.44	-0.16	-1.47	89.53	-70.57	70.91	-51.95	51.32
17	8	207	1.17	-1.17			-1.17	210.54	-6.19	48.52	155.84	94.14
17	8	208	1.17	-1.17			-1.17	198.99	12.68	54.61	157.06	77.81
17	8	230	1.36	-1.66	-0.45	0.16	-1.48	356.34	28.05	28.38	356.01	10.43
17	8	231	1.37	-1.64	-0.44	0.16	-1.47	352.34	52.04	52.04	352.34	9.75e-02
17	8	253	1.90	-2.47	-0.38	-0.19	-2.18	505.07	47.08	98.47	453.67	-144.55
17	8	254	1.91	-2.44	-0.35	-0.17	-2.17	506.24	77.73	131.93	452.03	-142.44
17	8	276	2.46	-3.27	0.42	-1.23	-2.74	636.29	59.91	281.54	414.67	-280.40
17	8	277	2.47	-3.21	0.45	-1.20	-2.72	641.12	97.05	314.06	424.11	-266.41

17	8	299	2.91	-3.90	1.69	-2.68	-2.62	738.05	68.69	528.29	278.46	-310.50
17	8	300	2.93	-3.84	1.72	-2.63	-2.59	745.41	111.08	551.94	304.56	-292.05
17	8	322	3.21	-4.31	2.84	-3.95	-1.61	802.33	73.92	740.64	135.60	-202.80
17	8	323	3.22	-4.24	2.86	-3.88	-1.60	811.20	119.68	754.30	176.58	-190.03
17	8	345	3.31	-4.45	3.31	-4.45		824.28	75.66	824.28	75.66	
17	8	346	3.32	-4.37	3.32	-4.37		833.67	122.58	833.67	122.58	
17	8	368	3.21	-4.31	2.84	-3.95	1.61	802.33	73.92	740.64	135.60	202.80
17	8	369	3.22	-4.24	2.86	-3.88	1.60	811.20	119.68	754.30	176.58	190.03
17	8	391	2.91	-3.90	1.69	-2.68	2.62	738.05	68.69	528.29	278.46	310.50
17	8	392	2.93	-3.84	1.72	-2.63	2.59	745.41	111.08	551.94	304.56	292.05
17	8	414	2.46	-3.27	0.42	-1.23	2.74	636.29	59.91	281.54	414.67	280.40
17	8	415	2.47	-3.21	0.45	-1.20	2.72	641.12	97.05	314.06	424.11	266.41
17	8	437	1.90	-2.47	-0.38	-0.19	2.18	505.07	47.08	98.47	453.67	144.55
17	8	438	1.91	-2.44	-0.35	-0.17	2.17	506.24	77.73	131.93	452.03	142.44
17	8	460	1.36	-1.66	-0.45	0.16	1.48	356.34	28.05	28.38	356.01	-10.43
17	8	461	1.37	-1.64	-0.44	0.16	1.47	352.34	52.04	52.04	352.34	-9.75e-02
17	8	483	1.17	-1.17			1.17	210.54	-6.19	48.52	155.84	-94.14
17	8	484	1.17	-1.17			1.17	198.99	12.68	54.61	157.06	-77.81
17	8	506	1.66	-1.36	0.45	-0.16	1.48	107.71	-83.39	83.03	-58.71	-64.09
17	8	507	1.64	-1.37	0.44	-0.16	1.47	89.53	-70.57	70.91	-51.95	-51.32
17	8	529	2.47	-1.90	0.38	0.19	2.18	62.54	-205.97	52.22	-195.66	51.61
17	8	530	2.44	-1.91	0.35	0.17	2.17	41.06	-201.67	28.52	-189.14	53.72
17	8	552	3.27	-2.46	-0.42	1.23	2.74	41.69	-329.18	-77.18	-210.32	173.07
17	8	553	3.21	-2.47	-0.45	1.20	2.72	15.54	-330.36	-102.39	-212.43	163.97
17	8	575	3.90	-2.91	-1.69	2.68	2.62	29.90	-427.94	-270.27	-127.77	217.55
17	8	576	3.84	-2.93	-1.72	2.63	2.59	-0.71	-432.44	-289.05	-144.11	203.33
17	11	23						155.84	48.52	155.84	48.52	
17	11	24						157.06	54.61	157.06	54.61	
17	11	69						155.84	48.52	148.65	55.71	26.83
17	11	70						157.06	54.61	150.20	61.48	25.61
17	11	92						155.84	48.52	148.65	55.71	-26.83
17	11	93						157.06	54.61	150.20	61.48	-25.61
17	11	115						155.84	48.52	129.01	75.35	46.47
17	11	116						157.06	54.61	131.45	80.22	44.36
17	11	138						155.84	48.52	102.18	102.18	53.66
17	11	139						157.06	54.61	105.84	105.84	51.22
17	11	161						155.84	48.52	75.35	129.01	46.47
17	11	162						157.06	54.61	80.23	131.45	44.36
17	11	184						155.84	48.52	55.71	148.65	26.83
17	11	185						157.06	54.61	61.48	150.20	25.61
17	11	207						155.84	48.52	48.52	155.84	
17	11	208						157.06	54.61	54.61	157.06	
17	11	230						155.84	48.52	55.71	148.65	-26.83
17	11	231						157.06	54.61	61.48	150.20	-25.61
17	11	253						155.84	48.52	75.35	129.01	-46.47
17	11	254						157.06	54.61	80.23	131.45	-44.36
17	11	276						155.84	48.52	102.18	102.18	-53.66
17	11	277						157.06	54.61	105.84	105.84	-51.22
17	11	299						155.84	48.52	129.01	75.35	-46.47
17	11	300						157.06	54.61	131.45	80.22	-44.36
17	11	322						155.84	48.52	148.65	55.71	-26.83
17	11	323						157.06	54.61	150.20	61.48	-25.61
17	11	345						155.84	48.52	155.84	48.52	
17	11	346						157.06	54.61	157.06	54.61	
17	11	368						155.84	48.52	148.65	55.71	26.83
17	11	369						157.06	54.61	150.20	61.48	25.61
17	11	391						155.84	48.52	129.01	75.35	46.47
17	11	392						157.06	54.61	131.45	80.22	44.36
17	11	414						155.84	48.52	102.18	102.18	53.66
17	11	415						157.06	54.61	105.84	105.84	51.22
17	11	437						155.84	48.52	75.35	129.01	46.47
17	11	438						157.06	54.61	80.23	131.45	44.36
17	11	460						155.84	48.52	55.71	148.65	26.83
17	11	461						157.06	54.61	61.48	150.20	25.61
17	11	483						155.84	48.52	48.52	155.84	
17	11	484						157.06	54.61	54.61	157.06	
17	11	506						155.84	48.52	55.71	148.65	-26.83
17	11	507						157.06	54.61	61.48	150.20	-25.61
17	11	529						155.84	48.52	75.35	129.01	-46.47
17	11	530						157.06	54.61	80.23	131.45	-44.36
17	11	552						155.84	48.52	102.18	102.18	-53.66
17	11	553						157.06	54.61	105.84	105.84	-51.22
17	11	575						155.84	48.52	129.01	75.35	-46.47
17	11	576						157.06	54.61	131.45	80.22	-44.36

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-33.37	-24.92	-33.37	-20.57		-4870.30	-4870.30	-2266.94	-2040.19

		33.37		24.92	33.37	20.57	5278.84		5278.84	2603.05	2040.19

Macro	Tipo	Angolo 1-X (gradi)
18	**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
18	1	24	27.17	-14.08	-14.08	27.17		-125.18	-1963.57	-1963.57	-125.18	
18	1	25	26.78	-14.16	-14.16	26.78		-234.21	-1985.37	-1985.37	-234.21	
18	1	70	26.28	-13.64	-11.59	24.23	-8.82	-118.12	-1896.40	-1747.05	-267.46	-493.23
18	1	71	25.91	-13.72	-11.69	23.88	-8.74	-223.98	-1916.84	-1779.48	-361.33	-462.23
18	1	93	26.28	-13.64	-11.59	24.23	8.82	-118.12	-1896.40	-1747.05	-267.46	493.23
18	1	94	25.91	-13.72	-11.69	23.88	8.74	-223.98	-1916.84	-1779.48	-361.33	462.23
18	1	116	23.71	-12.38	-5.48	16.81	-14.19	-96.99	-1699.79	-1199.47	-597.30	-742.69
18	1	117	23.38	-12.44	-5.61	16.54	-14.07	-193.68	-1716.11	-1256.35	-653.43	-698.98
18	1	139	19.65	-10.40	1.01	8.24	-14.58	-61.62	-1388.85	-568.83	-881.64	-644.92
18	1	140	19.38	-10.45	0.85	8.08	-14.47	-144.26	-1398.06	-646.12	-896.20	-614.30
18	1	162	14.49	-7.95	4.60	1.95	-11.14	-9.59	-989.54	-108.18	-890.95	-294.78
18	1	163	14.31	-7.99	4.44	1.87	-11.08	-75.69	-987.74	-184.32	-879.11	-295.43
18	1	185	8.96	-5.58	3.85	-0.46	-6.94	73.60	-547.15	65.02	-538.57	72.47
18	1	186	8.87	-5.61	3.75	-0.49	-6.92	21.25	-526.99	18.20	-523.95	40.72
18	1	208	5.11	-5.11			-5.11	267.11	-176.62	28.00	62.48	221.19
18	1	209	5.11	-5.11			-5.11	223.96	-131.23	29.88	62.86	176.83
18	1	231	5.58	-8.96	-3.85	0.46	-6.94	663.48	-8.96	-4.39	658.92	55.23
18	1	232	5.61	-8.87	-3.75	0.49	-6.92	646.22	44.99	45.97	645.24	24.23
18	1	254	7.95	-14.49	-4.60	-1.95	-11.14	1111.93	68.17	181.43	998.67	-324.64
18	1	255	7.99	-14.31	-4.44	-1.87	-11.08	1111.66	137.23	260.56	988.33	-323.99
18	1	277	10.40	-19.65	-1.01	-8.24	-14.58	1512.89	118.55	659.31	972.13	-679.40
18	1	278	10.45	-19.38	-0.85	-8.08	-14.47	1523.14	204.65	738.86	988.93	-647.28
18	1	300	12.38	-23.71	5.48	-16.81	-14.19	1824.44	153.31	1307.20	670.55	-772.55
18	1	301	12.44	-23.38	5.61	-16.54	-14.07	1841.61	253.65	1365.58	729.68	-727.54
18	1	323	13.64	-26.28	11.59	-24.23	-8.82	2021.29	174.20	1867.40	328.09	-510.47
18	1	324	13.72	-25.91	11.69	-23.88	-8.74	2042.51	283.78	1900.78	425.51	-478.72
18	1	346	14.08	-27.17	14.08	-27.17		2088.53	181.19	2088.53	181.19	
18	1	347	14.16	-26.78	14.16	-26.78		2111.09	293.97	2111.09	293.97	
18	1	369	13.64	-26.28	11.59	-24.23	8.82	2021.29	174.20	1867.40	328.09	510.47
18	1	370	13.72	-25.91	11.69	-23.88	8.74	2042.51	283.78	1900.78	425.51	478.72
18	1	392	12.38	-23.71	5.48	-16.81	14.19	1824.44	153.31	1307.20	670.55	772.55
18	1	393	12.44	-23.38	5.61	-16.54	14.07	1841.61	253.65	1365.58	729.68	727.54
18	1	415	10.40	-19.65	-1.01	-8.24	14.58	1512.89	118.55	659.31	972.13	679.40
18	1	416	10.45	-19.38	-0.85	-8.08	14.47	1523.14	204.65	738.86	988.93	647.28
18	1	438	7.95	-14.49	-4.60	-1.95	11.14	1111.93	68.17	181.43	998.67	324.64
18	1	439	7.99	-14.31	-4.44	-1.87	11.08	1111.66	137.23	260.56	988.33	323.99
18	1	461	5.58	-8.96	-3.85	0.46	6.94	663.48	-8.96	-4.39	658.92	-55.23
18	1	462	5.61	-8.87	-3.75	0.49	6.92	646.22	44.99	45.97	645.24	-24.23
18	1	484	5.11	-5.11			5.11	267.11	-176.62	28.00	62.48	-221.19
18	1	485	5.11	-5.11			5.11	223.96	-131.23	29.88	62.86	-176.83
18	1	507	8.96	-5.58	3.85	-0.46	6.94	73.60	-547.15	65.02	-538.57	-72.47
18	1	508	8.87	-5.61	3.75	-0.49	6.92	21.25	-526.99	18.20	-523.95	-40.72
18	1	530	14.49	-7.95	4.60	1.95	11.14	-9.59	-989.54	-108.18	-890.95	294.78
18	1	531	14.31	-7.99	4.44	1.87	11.08	-75.69	-987.74	-184.32	-879.11	295.43
18	1	553	19.65	-10.40	1.01	8.24	14.58	-61.62	-1388.85	-568.83	-881.64	644.92
18	1	554	19.38	-10.45	0.85	8.08	14.47	-144.26	-1398.06	-646.12	-896.20	614.30
18	1	576	23.71	-12.38	-5.48	16.81	14.19	-96.99	-1699.79	-1199.47	-597.30	742.69
18	1	577	23.38	-12.44	-5.61	16.54	14.07	-193.68	-1716.11	-1256.35	-653.43	698.98
18	5	24	18.11	-9.39	-9.39	18.11		-80.63	-1302.62	-1302.62	-80.63	
18	5	25	17.85	-9.44	-9.44	17.85		-153.12	-1317.12	-1317.12	-153.12	
18	5	70	17.52	-9.10	-7.73	16.15	-5.88	-75.92	-1257.84	-1158.52	-175.24	-327.92
18	5	71	17.28	-9.15	-7.79	15.92	-5.83	-146.30	-1271.43	-1180.09	-237.64	-307.29
18	5	93	17.52	-9.10	-7.73	16.15	5.88	-75.92	-1257.84	-1158.52	-175.24	327.92
18	5	94	17.28	-9.15	-7.79	15.92	5.83	-146.30	-1271.43	-1180.09	-237.64	307.29
18	5	116	15.81	-8.25	-3.65	11.21	-9.46	-61.82	-1126.79	-794.12	-394.48	-493.57
18	5	117	15.58	-8.30	-3.74	11.03	-9.38	-126.09	-1137.62	-831.97	-431.74	-464.50
18	5	139	13.10	-6.93	0.68	5.49	-9.72	-38.20	-919.52	-374.59	-583.13	-428.15
18	5	140	12.92	-6.97	0.57	5.38	-9.65	-93.12	-925.61	-426.01	-592.72	-407.81
18	5	162	9.66	-5.30	3.06	1.30	-7.43	-3.42	-653.41	-68.40	-588.44	-194.96
18	5	163	9.54	-5.33	2.96	1.25	-7.38	-47.34	-652.13	-119.00	-580.47	-195.46
18	5	185	5.97	-3.72	2.57	-0.31	-4.63	52.39	-358.84	46.41	-352.86	49.21
18	5	186	5.92	-3.74	2.50	-0.32	-4.61	17.56	-345.24	15.39	-343.06	28.01
18	5	208	3.41	-3.41			-3.41	182.85	-113.27	21.49	48.08	147.46
18	5	209	3.41	-3.41			-3.41	154.22	-82.92	22.94	48.37	117.89
18	5	231	3.72	-5.97	-2.57	0.31	-4.63	448.34	-2.74	0.14	445.46	35.92

18	5	232	3.74	-5.92	-2.50	0.32	-4.61	436.98	33.32	33.90	436.40	15.29
18	5	254	5.30	-9.66	-3.06	-1.30	-7.43	747.59	48.40	124.68	671.31	-217.98
18	5	255	5.33	-9.54	-2.96	-1.25	-7.38	747.49	94.59	177.59	664.49	-217.48
18	5	277	6.93	-13.10	-0.68	-5.49	-9.72	1014.97	81.90	444.17	652.71	-454.73
18	5	278	6.97	-12.92	-0.57	-5.38	-9.65	1021.86	139.49	497.32	664.03	-433.24
18	5	300	8.25	-15.81	3.65	-11.21	-9.46	1222.70	105.05	876.99	450.76	-516.59
18	5	301	8.30	-15.58	3.74	-11.03	-9.38	1234.19	172.13	915.99	490.33	-486.52
18	5	323	9.10	-17.52	7.73	-16.15	-5.88	1353.95	118.96	1251.12	221.79	-341.21
18	5	324	9.15	-17.28	7.79	-15.92	-5.83	1368.13	192.21	1273.42	286.92	-320.01
18	5	346	9.39	-18.11	9.39	-18.11		1398.78	123.62	1398.78	123.62	
18	5	347	9.44	-17.85	9.44	-17.85		1413.86	199.00	1413.86	199.00	
18	5	369	9.10	-17.52	7.73	-16.15	5.88	1353.95	118.96	1251.12	221.79	341.21
18	5	370	9.15	-17.28	7.79	-15.92	5.83	1368.13	192.21	1273.42	286.92	320.01
18	5	392	8.25	-15.81	3.65	-11.21	9.46	1222.70	105.05	876.99	450.76	516.59
18	5	393	8.30	-15.58	3.74	-11.03	9.38	1234.19	172.13	915.99	490.33	486.52
18	5	415	6.93	-13.10	-0.68	-5.49	9.72	1014.97	81.90	444.17	652.71	454.73
18	5	416	6.97	-12.92	-0.57	-5.38	9.65	1021.86	139.49	497.32	664.03	433.24
18	5	438	5.30	-9.66	-3.06	-1.30	7.43	747.59	48.40	124.68	671.31	217.98
18	5	439	5.33	-9.54	-2.96	-1.25	7.38	747.49	94.59	177.59	664.49	217.48
18	5	461	3.72	-5.97	-2.57	0.31	4.63	448.34	-2.74	0.14	445.46	-35.92
18	5	462	3.74	-5.92	-2.50	0.32	4.61	436.98	33.32	33.90	436.40	-15.29
18	5	484	3.41	-3.41			3.41	182.85	-113.27	21.49	48.08	-147.46
18	5	485	3.41	-3.41			3.41	154.22	-82.92	22.94	48.37	-117.89
18	5	507	5.97	-3.72	2.57	-0.31	4.63	52.39	-358.84	46.41	-352.86	-49.21
18	5	508	5.92	-3.74	2.50	-0.32	4.61	17.56	-345.24	15.39	-343.06	-28.01
18	5	530	9.66	-5.30	3.06	1.30	7.43	-3.42	-653.41	-68.40	-588.44	194.96
18	5	531	9.54	-5.33	2.96	1.25	7.38	-47.34	-652.13	-119.00	-580.47	195.46
18	5	553	13.10	-6.93	0.68	5.49	9.72	-38.20	-919.52	-374.59	-583.13	428.15
18	5	554	12.92	-6.97	0.57	5.38	9.65	-93.12	-925.61	-426.01	-592.72	407.81
18	5	576	15.81	-8.25	-3.65	11.21	9.46	-61.82	-1126.79	-794.12	-394.48	493.57
18	5	577	15.58	-8.30	-3.74	11.03	9.38	-126.09	-1137.62	-831.97	-431.74	464.50
18	8	24	3.62	-1.88	-1.88	3.62		0.76	-221.95	-221.95	0.76	
18	8	25	3.57	-1.89	-1.89	3.57		-12.56	-224.62	-224.62	-12.56	
18	8	70	3.50	-1.82	-1.55	3.23	-1.18	1.73	-213.02	-194.58	-16.71	-60.16
18	8	71	3.46	-1.83	-1.56	3.18	-1.17	-11.17	-215.50	-198.60	-28.07	-56.27
18	8	93	3.50	-1.82	-1.55	3.23	1.18	1.73	-213.02	-194.58	-16.71	60.16
18	8	94	3.46	-1.83	-1.56	3.18	1.17	-11.17	-215.50	-198.60	-28.07	56.27
18	8	116	3.16	-1.65	-0.73	2.24	-1.89	4.64	-186.90	-125.67	-56.59	-89.33
18	8	117	3.12	-1.66	-0.75	2.21	-1.88	-7.07	-188.80	-132.77	-63.10	-83.92
18	8	139	2.62	-1.39	0.14	1.10	-1.94	9.60	-145.68	-47.19	-88.90	-74.79
18	8	140	2.58	-1.39	0.11	1.08	-1.93	-0.32	-146.55	-56.76	-90.11	-71.19
18	8	162	1.93	-1.06	0.61	0.26	-1.49	17.24	-93.15	8.63	-84.54	-29.60
18	8	163	1.91	-1.07	0.59	0.25	-1.48	9.33	-92.35	-0.55	-82.47	-30.11
18	8	185	1.19	-0.74	0.51	-6.16e-02	-0.93	31.23	-37.05	27.62	-33.45	15.26
18	8	186	1.18	-0.75	0.50	-6.50e-02	-0.92	24.62	-33.28	22.53	-31.19	10.79
18	8	208	0.68	-0.68			-0.68	67.12	2.25	21.19	48.19	29.49
18	8	209	0.68	-0.68			-0.68	62.45	8.69	22.66	48.48	23.58
18	8	231	0.74	-1.19	-0.51	6.16e-02	-0.93	126.24	18.34	18.37	126.21	1.76
18	8	232	0.75	-1.18	-0.50	6.50e-02	-0.92	124.74	26.19	26.24	124.70	-2.13
18	8	254	1.06	-1.93	-0.61	-0.26	-1.49	187.44	27.22	47.25	167.41	-52.99
18	8	255	1.07	-1.91	-0.59	-0.25	-1.48	187.85	37.44	58.77	166.52	-52.48
18	8	277	1.39	-2.62	-0.14	-1.10	-1.94	241.32	33.52	116.56	158.27	-101.79
18	8	278	1.39	-2.58	-0.11	-1.08	-1.93	243.01	46.13	127.90	161.24	-97.02
18	8	300	1.65	-3.16	0.73	-2.24	-1.89	283.03	37.99	208.55	112.46	-112.71
18	8	301	1.66	-3.12	0.75	-2.21	-1.88	285.59	52.55	216.82	121.32	-106.28
18	8	323	1.82	-3.50	1.55	-3.23	-1.18	309.34	40.70	287.34	62.70	-73.66
18	8	324	1.83	-3.46	1.56	-3.18	-1.17	312.42	56.52	292.10	76.84	-69.19
18	8	346	1.88	-3.62	1.88	-3.62		318.33	41.61	318.33	41.61	
18	8	347	1.89	-3.57	1.89	-3.57		321.58	57.87	321.58	57.87	
18	8	369	1.82	-3.50	1.55	-3.23	1.18	309.34	40.70	287.34	62.70	73.66
18	8	370	1.83	-3.46	1.56	-3.18	1.17	312.42	56.52	292.10	76.84	69.19
18	8	392	1.65	-3.16	0.73	-2.24	1.89	283.03	37.99	208.55	112.46	112.71
18	8	393	1.66	-3.12	0.75	-2.21	1.88	285.59	52.55	216.82	121.32	106.28
18	8	415	1.39	-2.62	-0.14	-1.10	1.94	241.32	33.52	116.56	158.27	101.79
18	8	416	1.39	-2.58	-0.11	-1.08	1.93	243.01	46.13	127.90	161.24	97.02
18	8	438	1.06	-1.93	-0.61	-0.26	1.49	187.44	27.22	47.25	167.41	52.99
18	8	439	1.07	-1.91	-0.59	-0.25	1.48	187.85	37.44	58.77	166.52	52.48
18	8	461	0.74	-1.19	-0.51	6.16e-02	0.93	126.24	18.34	18.37	126.21	-1.76
18	8	462	0.75	-1.18	-0.50	6.50e-02	0.92	124.74	26.19	26.24	124.70	2.13
18	8	484	0.68	-0.68			0.68	67.12	2.25	21.19	48.19	-29.49
18	8	485	0.68	-0.68			0.68	62.45	8.69	22.66	48.48	-23.58
18	8	507	1.19	-0.74	0.51	-6.16e-02	0.93	31.23	-37.05	27.62	-33.45	-15.26
18	8	508	1.18	-0.75	0.50	-6.50e-02	0.92	24.62	-33.28	22.53	-31.19	-10.79
18	8	530	1.93	-1.06	0.61	0.26	1.49	17.24	-93.15	8.63	-84.54	29.60
18	8	531	1.91	-1.07	0.59	0.25	1.48	9.33	-92.35	-0.55	-82.47	30.11
18	8	553	2.62	-1.39	0.14	1.10	1.94	9.60	-145.68	-47.19	-88.90	74.79
18	8	554	2.58	-1.39	0.11	1.08	1.93	-0.32	-146.55	-56.76	-90.11	71.19

18	8	576	3.16	-1.65	-0.73	2.24	1.89	4.64	-186.90	-125.67	-56.59	89.33
18	8	577	3.12	-1.66	-0.75	2.21	1.88	-7.07	-188.80	-132.77	-63.10	83.92
18	11	24						48.19	21.19	48.19	21.19	
18	11	25						48.48	22.66	48.48	22.66	
18	11	70						48.19	21.19	46.38	23.00	6.75
18	11	71						48.48	22.66	46.75	24.39	6.46
18	11	93						48.19	21.19	46.38	23.00	-6.75
18	11	94						48.48	22.66	46.75	24.39	-6.46
18	11	116						48.19	21.19	41.44	27.94	11.69
18	11	117						48.48	22.66	42.02	29.11	11.18
18	11	139						48.19	21.19	34.69	34.69	13.50
18	11	140						48.48	22.66	35.57	35.57	12.91
18	11	162						48.19	21.19	27.94	41.44	11.69
18	11	163						48.48	22.66	29.11	42.02	11.18
18	11	185						48.19	21.19	23.00	46.38	6.75
18	11	186						48.48	22.66	24.39	46.75	6.46
18	11	208						48.19	21.19	21.19	48.19	
18	11	209						48.48	22.66	22.66	48.48	
18	11	231						48.19	21.19	23.00	46.38	-6.75
18	11	232						48.48	22.66	24.39	46.75	-6.46
18	11	254						48.19	21.19	27.94	41.44	-11.69
18	11	255						48.48	22.66	29.11	42.02	-11.18
18	11	277						48.19	21.19	34.69	34.69	-13.50
18	11	278						48.48	22.66	35.57	35.57	-12.91
18	11	300						48.19	21.19	41.44	27.94	-11.69
18	11	301						48.48	22.66	42.02	29.11	-11.18
18	11	323						48.19	21.19	46.38	23.00	-6.75
18	11	324						48.48	22.66	46.75	24.39	-6.46
18	11	346						48.19	21.19	48.19	21.19	
18	11	347						48.48	22.66	48.48	22.66	
18	11	369						48.19	21.19	46.38	23.00	6.75
18	11	370						48.48	22.66	46.75	24.39	6.46
18	11	392						48.19	21.19	41.44	27.94	11.69
18	11	393						48.48	22.66	42.02	29.11	11.18
18	11	415						48.19	21.19	34.69	34.69	13.50
18	11	416						48.48	22.66	35.57	35.57	12.91
18	11	438						48.19	21.19	27.94	41.44	11.69
18	11	439						48.48	22.66	29.11	42.02	11.18
18	11	461						48.19	21.19	23.00	46.38	6.75
18	11	462						48.48	22.66	24.39	46.75	6.46
18	11	484						48.19	21.19	21.19	48.19	
18	11	485						48.48	22.66	22.66	48.48	
18	11	507						48.19	21.19	23.00	46.38	-6.75
18	11	508						48.48	22.66	24.39	46.75	-6.46
18	11	530						48.19	21.19	27.94	41.44	-11.69
18	11	531						48.48	22.66	29.11	42.02	-11.18
18	11	553						48.19	21.19	34.69	34.69	-13.50
18	11	554						48.48	22.66	35.57	35.57	-12.91
18	11	576						48.19	21.19	41.44	27.94	-11.69
18	11	577						48.48	22.66	42.02	29.11	-11.18

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-27.17	-14.16	-27.17	-14.58		-1985.37	-1985.37	-896.20	-772.55
			27.17		14.16	27.17	14.58	2111.09		2111.09	998.67	772.55

Macro	Tipo	Angolo 1-X (gradi)
19	**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
19	1	4	20.84	-4.35	-4.35	20.84		-38.95	-418.18	-418.18	-38.95	
19	1	25	21.06	-4.31	-4.31	21.06		-16.69	-413.72	-413.72	-16.69	
19	1	26	20.14	-4.21	-2.81	18.74	-5.68	-37.07	-403.88	-374.22	-66.72	-99.99
19	1	27	18.09	-3.81	0.90	13.38	-9.00	-31.49	-362.03	-262.60	-130.93	-151.59
19	1	28	14.83	-3.17	4.55	7.11	-8.91	-22.37	-295.71	-132.48	-185.61	-134.07
19	1	29	10.61	-2.37	5.92	2.33	-6.24	-9.66	-210.09	-34.31	-185.45	-65.82
19	1	30	5.83	-1.56	4.08	0.18	-3.14	8.38	-113.65	7.99	-113.25	6.90
19	1	31	1.81	-1.81			-1.81	46.37	-28.77	8.77	8.84	37.57
19	1	32	1.56	-5.83	-4.08	-0.18	-3.14	131.31	9.17	9.56	130.92	6.87
19	1	33	2.37	-10.61	-5.92	-2.33	-6.24	227.76	27.20	51.88	203.09	-65.88
19	1	34	3.17	-14.83	-4.55	-7.11	-8.91	313.38	39.91	150.08	203.21	-134.13
19	1	35	3.81	-18.09	-0.90	-13.38	-9.00	379.71	49.03	280.23	148.50	-151.65

19	1	36	4.21	-20.14	2.81	-18.74	-5.68	421.55	54.60	391.88	84.27	-100.03
19	1	37	4.35	-20.84	4.35	-20.84		435.85	56.49	435.85	56.49	
19	1	38	4.21	-20.14	2.81	-18.74	5.68	421.55	54.60	391.88	84.27	100.03
19	1	39	3.81	-18.09	-0.90	-13.38	9.00	379.71	49.03	280.23	148.50	151.65
19	1	40	3.17	-14.83	-4.55	-7.11	8.91	313.38	39.91	150.08	203.21	134.13
19	1	41	2.37	-10.61	-5.92	-2.33	6.24	227.76	27.20	51.88	203.09	65.88
19	1	42	1.56	-5.83	-4.08	-0.18	3.14	131.31	9.17	9.56	130.92	-6.87
19	1	43	1.81	-1.81			1.81	46.37	-28.77	8.77	8.84	-37.57
19	1	44	5.83	-1.56	4.08	0.18	3.14	8.38	-113.65	7.99	-113.25	-6.90
19	1	45	10.61	-2.37	5.92	2.33	6.24	-9.66	-210.09	-34.31	-185.45	65.82
19	1	46	14.83	-3.17	4.55	7.11	8.91	-22.37	-295.71	-132.48	-185.61	134.07
19	1	47	18.09	-3.81	0.90	13.38	9.00	-31.49	-362.03	-262.60	-130.93	151.59
19	1	48	20.14	-4.21	-2.81	18.74	5.68	-37.07	-403.88	-374.22	-66.72	99.99
19	1	71	20.35	-4.17	-2.75	18.94	-5.72	-15.45	-399.70	-367.61	-47.53	-106.29
19	1	94	20.35	-4.17	-2.75	18.94	5.72	-15.45	-399.70	-367.61	-47.53	106.29
19	1	117	18.28	-3.77	0.98	13.53	-9.06	-11.72	-358.67	-251.03	-119.36	-160.50
19	1	140	14.98	-3.14	4.65	7.20	-8.97	-5.44	-293.75	-116.73	-182.46	-140.36
19	1	163	10.72	-2.34	6.00	2.37	-6.28	3.89	-210.29	-18.73	-187.68	-65.82
19	1	186	5.89	-1.55	4.14	0.20	-3.15	19.03	-117.38	17.74	-116.10	13.20
19	1	209	1.81	-1.81			-1.81	55.28	-37.67	8.76	8.84	46.47
19	1	232	1.55	-5.89	-4.14	-0.20	-3.15	135.04	-1.48	-0.20	133.76	13.17
19	1	255	2.34	-10.72	-6.00	-2.37	-6.28	227.96	13.65	36.29	205.31	-65.88
19	1	278	3.14	-14.98	-4.65	-7.20	-8.97	311.42	22.97	134.33	200.06	-140.43
19	1	301	3.77	-18.28	-0.98	-13.53	-9.06	376.34	29.25	268.66	136.92	-160.56
19	1	324	4.17	-20.35	2.75	-18.94	-5.72	417.37	32.98	385.28	65.07	-106.33
19	1	347	4.31	-21.06	4.31	-21.06		431.40	34.22	431.40	34.22	
19	1	370	4.17	-20.35	2.75	-18.94	5.72	417.37	32.98	385.28	65.07	106.33
19	1	393	3.77	-18.28	-0.98	-13.53	9.06	376.34	29.25	268.66	136.92	160.56
19	1	416	3.14	-14.98	-4.65	-7.20	8.97	311.42	22.97	134.33	200.06	140.43
19	1	439	2.34	-10.72	-6.00	-2.37	6.28	227.96	13.65	36.29	205.31	65.88
19	1	462	1.55	-5.89	-4.14	-0.20	3.15	135.04	-1.48	-0.20	133.76	-13.17
19	1	485	1.81	-1.81			1.81	55.28	-37.67	8.76	8.84	-46.47
19	1	508	5.89	-1.55	4.14	0.20	3.15	19.03	-117.38	17.74	-116.10	-13.20
19	1	531	10.72	-2.34	6.00	2.37	6.28	3.89	-210.29	-18.73	-187.68	65.82
19	1	554	14.98	-3.14	4.65	7.20	8.97	-5.44	-293.75	-116.73	-182.46	140.36
19	1	577	18.28	-3.77	0.98	13.53	9.06	-11.72	-358.67	-251.03	-119.36	160.50
19	5	4	13.90	-2.90	-2.90	13.90		-25.09	-277.87	-277.87	-25.09	
19	5	25	14.04	-2.87	-2.87	14.04		-10.25	-274.90	-274.90	-10.25	
19	5	26	13.43	-2.81	-1.87	12.49	-3.79	-23.83	-268.34	-248.57	-43.60	-66.65
19	5	27	12.06	-2.54	0.60	8.92	-6.00	-20.11	-240.44	-174.16	-86.39	-101.05
19	5	28	9.89	-2.11	3.04	4.74	-5.94	-14.03	-196.23	-87.42	-122.84	-89.36
19	5	29	7.08	-1.58	3.94	1.55	-4.16	-5.56	-139.15	-21.98	-122.72	-43.87
19	5	30	3.89	-1.04	2.72	0.12	-2.09	6.48	-74.85	6.21	-74.59	4.61
19	5	31	1.21	-1.21			-1.21	31.81	-18.28	6.73	6.81	25.05
19	5	32	1.04	-3.89	-2.72	-0.12	-2.09	88.45	7.00	7.26	88.19	4.57
19	5	33	1.58	-7.08	-3.94	-1.55	-4.16	152.76	19.02	35.48	136.30	-43.93
19	5	34	2.11	-9.89	-3.04	-4.74	-5.94	209.84	27.49	100.95	136.37	-89.44
19	5	35	2.54	-12.06	-0.60	-8.92	-6.00	254.05	33.57	187.73	99.89	-101.12
19	5	36	2.81	-13.43	1.87	-12.49	-3.79	281.95	37.29	262.17	57.07	-66.69
19	5	37	2.90	-13.90	2.90	-13.90		291.48	38.54	291.48	38.54	
19	5	38	2.81	-13.43	1.87	-12.49	3.79	281.95	37.29	262.17	57.07	66.69
19	5	39	2.54	-12.06	-0.60	-8.92	6.00	254.05	33.57	187.73	99.89	101.12
19	5	40	2.11	-9.89	-3.04	-4.74	5.94	209.84	27.49	100.95	136.37	89.44
19	5	41	1.58	-7.08	-3.94	-1.55	4.16	152.76	19.02	35.48	136.30	43.93
19	5	42	1.04	-3.89	-2.72	-0.12	2.09	88.45	7.00	7.26	88.19	-4.57
19	5	43	1.21	-1.21			1.21	31.81	-18.28	6.73	6.81	-25.05
19	5	44	3.89	-1.04	2.72	0.12	2.09	6.48	-74.85	6.21	-74.59	-4.61
19	5	45	7.08	-1.58	3.94	1.55	4.16	-5.56	-139.15	-21.98	-122.72	43.87
19	5	46	9.89	-2.11	3.04	4.74	5.94	-14.03	-196.23	-87.42	-122.84	89.36
19	5	47	12.06	-2.54	0.60	8.92	6.00	-20.11	-240.44	-174.16	-86.39	101.05
19	5	48	13.43	-2.81	-1.87	12.49	3.79	-23.83	-268.34	-248.57	-43.60	66.65
19	5	71	13.57	-2.78	-1.84	12.62	-3.81	-9.42	-265.55	-244.16	-30.80	-70.85
19	5	94	13.57	-2.78	-1.84	12.62	3.81	-9.42	-265.55	-244.16	-30.80	70.85
19	5	117	12.19	-2.51	0.65	9.02	-6.04	-6.93	-238.20	-166.44	-78.68	-106.98
19	5	140	9.99	-2.09	3.10	4.80	-5.98	-2.74	-194.92	-76.92	-120.74	-93.56
19	5	163	7.15	-1.56	4.00	1.58	-4.18	3.48	-139.28	-11.59	-124.21	-43.86
19	5	186	3.92	-1.03	2.76	0.13	-2.10	13.57	-77.35	12.71	-76.48	8.81
19	5	209	1.21	-1.21			-1.21	37.75	-24.22	6.73	6.81	30.98
19	5	232	1.03	-3.92	-2.76	-0.13	-2.10	90.94	-0.10	0.75	90.09	8.77
19	5	255	1.56	-7.15	-4.00	-1.58	-4.18	152.89	9.98	25.08	137.78	-43.94
19	5	278	2.09	-9.99	-3.10	-4.80	-5.98	208.53	16.20	90.46	134.27	-93.64
19	5	301	2.51	-12.19	-0.65	-9.02	-6.04	251.81	20.38	180.02	92.17	-107.06
19	5	324	2.78	-13.57	1.84	-12.62	-3.81	279.16	22.87	257.76	44.26	-70.89
19	5	347	2.87	-14.04	2.87	-14.04		288.51	23.70	288.51	23.70	
19	5	370	2.78	-13.57	1.84	-12.62	3.81	279.16	22.87	257.76	44.26	70.89
19	5	393	2.51	-12.19	-0.65	-9.02	6.04	251.81	20.38	180.02	92.17	107.06
19	5	416	2.09	-9.99	-3.10	-4.80	5.98	208.53	16.20	90.46	134.27	93.64

19	5	439	1.56	-7.15	-4.00	-1.58	4.18	152.89	9.98	25.08	137.78	43.94
19	5	462	1.03	-3.92	-2.76	-0.13	2.10	90.94	-0.10	0.75	90.09	-8.77
19	5	485	1.21	-1.21			1.21	37.75	-24.22	6.73	6.81	-30.98
19	5	508	3.92	-1.03	2.76	0.13	2.10	13.57	-77.35	12.71	-76.48	-8.81
19	5	531	7.15	-1.56	4.00	1.58	4.18	3.48	-139.28	-11.59	-124.21	43.86
19	5	554	9.99	-2.09	3.10	4.80	5.98	-2.74	-194.92	-76.92	-120.74	93.56
19	5	577	12.19	-2.51	0.65	9.02	6.04	-6.93	-238.20	-166.44	-78.68	106.98
19	8	4	2.78	-0.58	-0.58	2.78		0.26	-50.06	-50.06	0.26	
19	8	25	2.81	-0.57	-0.57	2.81		3.22	-49.47	-49.47	3.22	
19	8	26	2.69	-0.56	-0.37	2.50	-0.76	0.52	-48.16	-44.22	-3.42	-13.27
19	8	27	2.41	-0.51	0.12	1.78	-1.20	1.26	-42.58	-29.38	-11.94	-20.11
19	8	28	1.98	-0.42	0.61	0.95	-1.19	2.48	-33.74	-12.09	-19.17	-17.76
19	8	29	1.42	-0.32	0.79	0.31	-0.83	4.18	-22.33	0.94	-19.09	-8.67
19	8	30	0.78	-0.21	0.54	2.45e-02	-0.42	6.60	-9.48	6.54	-9.42	0.98
19	8	31	0.24	-0.24			-0.24	11.76	1.74	6.63	6.87	5.01
19	8	32	0.21	-0.78	-0.54	-2.45e-02	-0.42	23.18	6.70	6.75	23.13	0.86
19	8	33	0.32	-1.42	-0.79	-0.31	-0.83	36.05	9.09	12.43	32.71	-8.89
19	8	34	0.42	-1.98	-0.61	-0.95	-1.19	47.47	10.78	25.59	32.67	-18.00
19	8	35	0.51	-2.41	-0.12	-1.78	-1.20	56.32	11.99	43.00	25.32	-20.32
19	8	36	0.56	-2.69	0.37	-2.50	-0.76	61.90	12.74	57.93	16.71	-13.40
19	8	37	0.58	-2.78	0.58	-2.78		63.81	12.99	63.81	12.99	
19	8	38	0.56	-2.69	0.37	-2.50	0.76	61.90	12.74	57.93	16.71	13.40
19	8	39	0.51	-2.41	-0.12	-1.78	1.20	56.32	11.99	43.00	25.32	20.32
19	8	40	0.42	-1.98	-0.61	-0.95	1.19	47.47	10.78	25.59	32.67	18.00
19	8	41	0.32	-1.42	-0.79	-0.31	0.83	36.05	9.09	12.43	32.71	8.89
19	8	42	0.21	-0.78	-0.54	-2.45e-02	0.42	23.18	6.70	6.75	23.13	-0.86
19	8	43	0.24	-0.24			0.24	11.76	1.74	6.63	6.87	-5.01
19	8	44	0.78	-0.21	0.54	2.45e-02	0.42	6.60	-9.48	6.54	-9.42	-0.98
19	8	45	1.42	-0.32	0.79	0.31	0.83	4.18	-22.33	0.94	-19.09	8.67
19	8	46	1.98	-0.42	0.61	0.95	1.19	2.48	-33.74	-12.09	-19.17	17.76
19	8	47	2.41	-0.51	0.12	1.78	1.20	1.26	-42.58	-29.38	-11.94	20.11
19	8	48	2.69	-0.56	-0.37	2.50	0.76	0.52	-48.16	-44.22	-3.42	13.27
19	8	71	2.71	-0.56	-0.37	2.52	-0.76	3.39	-47.60	-43.34	-0.88	-14.11
19	8	94	2.71	-0.56	-0.37	2.52	0.76	3.39	-47.60	-43.34	-0.88	14.11
19	8	117	2.44	-0.50	0.13	1.80	-1.21	3.88	-42.13	-27.84	-10.41	-21.29
19	8	140	2.00	-0.42	0.62	0.96	-1.20	4.72	-33.48	-10.00	-18.76	-18.59
19	8	163	1.43	-0.31	0.80	0.32	-0.84	5.97	-22.36	3.01	-19.40	-8.67
19	8	186	0.78	-0.21	0.55	2.64e-02	-0.42	8.01	-9.99	7.83	-9.81	1.82
19	8	209	0.24	-0.24			-0.24	12.94	0.54	6.61	6.87	6.20
19	8	232	0.21	-0.78	-0.55	-2.64e-02	-0.42	23.66	5.28	5.43	23.51	1.69
19	8	255	0.31	-1.43	-0.80	-0.32	-0.84	36.08	7.27	10.34	33.00	-8.89
19	8	278	0.42	-2.00	-0.62	-0.96	-1.20	47.21	8.51	23.48	32.24	-18.85
19	8	301	0.50	-2.44	-0.13	-1.80	-1.21	55.87	9.35	41.45	23.76	-21.51
19	8	324	0.56	-2.71	0.37	-2.52	-0.76	61.34	9.84	57.04	14.14	-14.24
19	8	347	0.57	-2.81	0.57	-2.81		63.21	10.01	63.21	10.01	
19	8	370	0.56	-2.71	0.37	-2.52	0.76	61.34	9.84	57.04	14.14	14.24
19	8	393	0.50	-2.44	-0.13	-1.80	1.21	55.87	9.35	41.45	23.76	21.51
19	8	416	0.42	-2.00	-0.62	-0.96	1.20	47.21	8.51	23.48	32.24	18.85
19	8	439	0.31	-1.43	-0.80	-0.32	0.84	36.08	7.27	10.34	33.00	8.89
19	8	462	0.21	-0.78	-0.55	-2.64e-02	0.42	23.66	5.28	5.43	23.51	-1.69
19	8	485	0.24	-0.24			0.24	12.94	0.54	6.61	6.87	-6.20
19	8	508	0.78	-0.21	0.55	2.64e-02	0.42	8.01	-9.99	7.83	-9.81	-1.82
19	8	531	1.43	-0.31	0.80	0.32	0.84	5.97	-22.36	3.01	-19.40	8.67
19	8	554	2.00	-0.42	0.62	0.96	1.20	4.72	-33.48	-10.00	-18.76	18.59
19	8	577	2.44	-0.50	0.13	1.80	1.21	3.88	-42.13	-27.84	-10.41	21.29
19	11	4						6.87	6.63	6.87	6.63	
19	11	25						6.87	6.61	6.87	6.61	
19	11	26						6.87	6.63	6.85	6.64	6.09e-02
19	11	27						6.87	6.63	6.81	6.69	0.11
19	11	28						6.87	6.63	6.75	6.75	0.12
19	11	29						6.87	6.63	6.69	6.81	0.11
19	11	30						6.87	6.63	6.64	6.85	6.09e-02
19	11	31						6.87	6.63	6.63	6.87	
19	11	32						6.87	6.63	6.64	6.85	-6.09e-02
19	11	33						6.87	6.63	6.69	6.81	-0.11
19	11	34						6.87	6.63	6.75	6.75	-0.12
19	11	35						6.87	6.63	6.81	6.69	-0.11
19	11	36						6.87	6.63	6.85	6.64	-6.09e-02
19	11	37						6.87	6.63	6.87	6.63	
19	11	38						6.87	6.63	6.85	6.64	6.09e-02
19	11	39						6.87	6.63	6.81	6.69	0.11
19	11	40						6.87	6.63	6.75	6.75	0.12
19	11	41						6.87	6.63	6.69	6.81	0.11
19	11	42						6.87	6.63	6.64	6.85	6.09e-02
19	11	43						6.87	6.63	6.63	6.87	
19	11	44						6.87	6.63	6.64	6.85	-6.09e-02
19	11	45						6.87	6.63	6.69	6.81	-0.11

19	11	46					6.87	6.63	6.75	6.75	-0.12
19	11	47					6.87	6.63	6.81	6.69	-0.11
19	11	48					6.87	6.63	6.85	6.64	-6.09e-02
19	11	71					6.87	6.61	6.85	6.63	6.36e-02
19	11	94					6.87	6.61	6.85	6.63	-6.36e-02
19	11	117					6.87	6.61	6.80	6.68	0.11
19	11	140					6.87	6.61	6.74	6.74	0.13
19	11	163					6.87	6.61	6.68	6.80	0.11
19	11	186					6.87	6.61	6.63	6.85	6.36e-02
19	11	209					6.87	6.61	6.61	6.87	
19	11	232					6.87	6.61	6.63	6.85	-6.36e-02
19	11	255					6.87	6.61	6.68	6.80	-0.11
19	11	278					6.87	6.61	6.74	6.74	-0.13
19	11	301					6.87	6.61	6.80	6.68	-0.11
19	11	324					6.87	6.61	6.85	6.63	-6.36e-02
19	11	347					6.87	6.61	6.87	6.61	
19	11	370					6.87	6.61	6.85	6.63	6.36e-02
19	11	393					6.87	6.61	6.80	6.68	0.11
19	11	416					6.87	6.61	6.74	6.74	0.13
19	11	439					6.87	6.61	6.68	6.80	0.11
19	11	462					6.87	6.61	6.63	6.85	6.36e-02
19	11	485					6.87	6.61	6.61	6.87	
19	11	508					6.87	6.61	6.63	6.85	-6.36e-02
19	11	531					6.87	6.61	6.68	6.80	-0.11
19	11	554					6.87	6.61	6.74	6.74	-0.13
19	11	577					6.87	6.61	6.80	6.68	-0.11

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-21.06	-6.00	-21.06	-9.06		-418.18	-418.18	-187.68	-160.56
	21.06		6.00	21.06	9.06	435.85		435.85	205.31	160.56

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**
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	1	1	8.08	9.69	7.07	9.61	7.16	-0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	-1.437e+04
		5	8.08	9.69	7.07	9.61	7.16	-0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	-1.437e+04
		51	8.08	9.69	7.07	9.61	7.16	-0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	-1.437e+04
1	5	1	5.26	6.46	4.72	6.40	4.77	-0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	-9582.85
		5	5.26	6.46	4.72	6.40	4.77	-0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	-9582.85
		51	5.26	6.46	4.72	6.40	4.77	-0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	-9582.85
1	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
		5	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
		51	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
1	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
		5	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
		51	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-9.47e-05
2	1	5	21.77	23.13	10.77	23.11	10.79	-0.53	6.488e+05	1.840e+05	6.461e+05	1.867e+05	-3.540e+04
		6	22.34	24.43	17.76	24.39	17.80	-0.53	6.853e+05	3.741e+05	6.812e+05	3.782e+05	-3.542e+04
		52	21.98	24.14	17.70	24.10	17.74	-0.53	6.736e+05	3.762e+05	6.732e+05	3.766e+05	-1.114e+04
		51	21.15	22.60	10.66	22.57	10.69	-0.53	6.316e+05	1.836e+05	6.314e+05	1.838e+05	9123.67
2	5	5	14.39	15.42	7.18	15.41	7.20	-0.35	4.280e+05	1.182e+05	4.262e+05	1.200e+05	-2.360e+04
		6	14.74	16.29	11.84	16.26	11.87	-0.35	4.523e+05	2.449e+05	4.496e+05	2.476e+05	-2.361e+04
		52	14.50	16.10	11.80	16.07	11.83	-0.35	4.445e+05	2.462e+05	4.442e+05	2.465e+05	-7426.01
		51	13.98	15.06	7.11	15.05	7.12	-0.35	4.165e+05	1.179e+05	4.164e+05	1.180e+05	6077.72
2	8	5	2.25	3.08	1.44	3.08	1.44	-0.07	5.816e+04	-3366.34	5.780e+04	-3006.65	-4690.62
		6	2.08	3.26	2.37	3.25	2.37	-0.07	6.298e+04	2.173e+04	6.243e+04	2.227e+04	-4706.74
		52	2.03	3.22	2.36	3.21	2.37	-0.07	6.142e+04	2.200e+04	6.136e+04	2.206e+04	-1500.69
		51	2.17	3.01	1.42	3.01	1.42	-0.07	5.587e+04	-3422.01	5.585e+04	-3398.23	1187.14
2	11	5	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		6	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		52	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		51	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
3	1	6	34.64	36.94	20.21	36.89	20.26	-0.89	1.060e+06	4.456e+05	1.055e+06	4.506e+05	-5.511e+04
		7	35.56	38.14	26.64	38.07	26.71	-0.89	1.090e+06	6.038e+05	1.084e+06	6.102e+05	-5.514e+04
		53	35.01	37.65	26.54	37.58	26.61	-0.89	1.072e+06	6.070e+05	1.072e+06	6.077e+05	-1.803e+04
		52	33.86	36.22	20.06	36.17	20.11	-0.89	1.037e+06	4.470e+05	1.037e+06	4.470e+05	-1129.95
3	5	6	22.95	24.63	13.47	24.59	13.51	-0.60	7.017e+05	2.925e+05	6.984e+05	2.958e+05	-3.673e+04
		7	23.55	25.43	17.76	25.38	17.81	-0.60	7.221e+05	3.979e+05	7.179e+05	4.021e+05	-3.676e+04
		53	23.18	25.10	17.69	25.05	17.74	-0.60	7.102e+05	4.000e+05	7.097e+05	4.005e+05	-1.203e+04
		52	22.43	24.15	13.38	24.12	13.41	-0.60	6.865e+05	2.934e+05	6.865e+05	2.934e+05	-763.61
3	8	6	3.76	4.93	2.69	4.92	2.70	-0.12	1.120e+05	3.107e+04	1.113e+05	3.173e+04	-7284.35
		7	3.78	5.09	3.55	5.08	3.56	-0.12	1.160e+05	5.179e+04	1.151e+05	5.263e+04	-7308.55
		53	3.70	5.02	3.54	5.01	3.55	-0.12	1.136e+05	5.220e+04	1.135e+05	5.230e+04	-2448.14
		52	3.65	4.83	2.68	4.82	2.68	-0.12	1.089e+05	3.125e+04	1.089e+05	3.125e+04	-214.66
3	11	6	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		7	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		53	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17

		52	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
4	1	7	48.78	50.95	29.20	50.88	29.27	-1.23	1.497e+06	6.844e+05	1.490e+06	6.916e+05	-7.650e+04
		8	49.86	52.16	35.64	52.07	35.73	-1.23	1.529e+06	8.493e+05	1.520e+06	8.581e+05	-7.654e+04
		54	49.04	51.44	35.49	51.35	35.58	-1.23	1.502e+06	8.537e+05	1.501e+06	8.543e+05	-2.025e+04
		53	47.72	50.01	29.01	49.94	29.08	-1.23	1.465e+06	6.867e+05	1.465e+06	6.867e+05	-2612.98
4	5	7	32.36	33.97	19.47	33.92	19.51	-0.82	9.929e+05	4.516e+05	9.881e+05	4.564e+05	-5.098e+04
		8	33.08	34.77	23.76	34.71	23.82	-0.82	1.014e+06	5.615e+05	1.008e+06	5.673e+05	-5.101e+04
		54	32.53	34.30	23.66	34.23	23.72	-0.82	9.964e+05	5.644e+05	9.960e+05	5.648e+05	-1.351e+04
		53	31.65	33.34	19.34	33.29	19.39	-0.82	9.718e+05	4.531e+05	9.718e+05	4.532e+05	-1760.09
4	8	7	5.56	6.79	3.89	6.78	3.90	-0.16	1.689e+05	6.226e+04	1.679e+05	6.322e+04	-1.009e+04
		8	5.64	6.95	4.75	6.94	4.76	-0.16	1.730e+05	8.374e+04	1.719e+05	8.491e+04	-1.012e+04
		54	5.52	6.86	4.73	6.85	4.74	-0.16	1.695e+05	8.432e+04	1.694e+05	8.441e+04	-2785.15
		53	5.41	6.67	3.87	6.66	3.88	-0.16	1.646e+05	6.257e+04	1.646e+05	6.257e+04	-460.75
4	11	7	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	135.75
		8	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	103.43
		54	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	-103.43
		53	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	-135.75
5	1	8	63.65	65.05	38.22	64.96	38.31	-1.55	1.955e+06	9.339e+05	1.945e+06	9.436e+05	-9.893e+04
		2	64.90	66.27	44.71	66.15	44.82	-1.55	1.989e+06	1.111e+06	1.978e+06	1.123e+06	-9.898e+04
		49	63.76	65.32	44.51	65.20	44.63	-1.55	1.952e+06	1.117e+06	1.952e+06	1.117e+06	-1.946e+04
		54	62.26	63.88	37.98	63.78	38.07	-1.55	1.913e+06	9.371e+05	1.913e+06	9.371e+05	-477.49
5	5	8	42.26	43.37	25.48	43.31	25.54	-1.03	1.298e+06	6.178e+05	1.292e+06	6.243e+05	-6.592e+04
		2	43.09	44.18	29.81	44.10	29.88	-1.03	1.321e+06	7.360e+05	1.313e+06	7.436e+05	-6.596e+04
		49	42.33	43.55	29.68	43.47	29.75	-1.03	1.296e+06	7.398e+05	1.296e+06	7.401e+05	-1.300e+04
		54	41.34	42.58	25.32	42.52	25.38	-1.03	1.270e+06	6.199e+05	1.270e+06	6.199e+05	-346.28
5	8	8	7.46	8.67	5.10	8.66	5.11	-0.21	2.282e+05	9.469e+04	2.269e+05	9.597e+04	-1.302e+04
		2	7.57	8.84	5.96	8.82	5.98	-0.21	2.326e+05	1.177e+05	2.311e+05	1.192e+05	-1.306e+04
		49	7.42	8.71	5.94	8.69	5.95	-0.21	2.277e+05	1.185e+05	2.276e+05	1.185e+05	-2735.15
		54	7.27	8.52	5.06	8.50	5.08	-0.21	2.225e+05	9.510e+04	2.225e+05	9.510e+04	-237.19
5	11	8	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	209.66
		2	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	169.34
		49	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	-169.34
		54	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	-209.66
6	1	2	61.87	-60.94	-527.79	-518.80	-69.93	64.17	1.863e+06	1.083e+06	1.852e+06	1.094e+06	-9.239e+04
		3	62.59	36.42	-508.37	-500.71	28.76	64.17	1.879e+06	1.162e+06	1.867e+06	1.174e+06	-9.236e+04
		50	61.83	31.72	-530.45	-523.02	24.30	64.17	1.851e+06	1.168e+06	1.849e+06	1.171e+06	-3.733e+04
		49	61.00	-66.47	-553.16	-544.55	-75.08	64.17	1.833e+06	1.089e+06	1.832e+06	1.090e+06	-2.889e+04
6	5	2	41.10	-40.63	-351.86	-345.87	-46.62	42.78	1.238e+06	7.172e+05	1.230e+06	7.246e+05	-6.162e+04
		3	41.57	24.28	-338.92	-333.81	19.17	42.78	1.248e+06	7.700e+05	1.240e+06	7.781e+05	-6.159e+04
		50	41.06	21.14	-353.63	-348.68	16.20	42.78	1.230e+06	7.743e+05	1.228e+06	7.757e+05	-2.487e+04
		49	40.51	-44.31	-368.77	-363.03	-50.06	42.78	1.217e+06	7.211e+05	1.217e+06	7.218e+05	-1.924e+04
6	8	2	7.33	-8.13	-70.37	-69.17	-9.32	8.56	2.211e+05	1.150e+05	2.196e+05	1.165e+05	-1.245e+04
		3	7.41	4.86	-67.78	-66.76	3.83	8.56	2.233e+05	1.259e+05	2.216e+05	1.275e+05	-1.243e+04
		50	7.30	4.23	-70.73	-69.74	3.24	8.56	2.195e+05	1.268e+05	2.192e+05	1.270e+05	-4860.42
		49	7.21	-8.86	-73.75	-72.61	-10.01	8.56	2.170e+05	1.158e+05	2.169e+05	1.159e+05	-3717.38
6	11	2	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.31
		3	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.54
		50	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.54
		49	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.32
7	1	3	57.38	19.77	-488.39	-484.22	15.59	45.88	1.318e+06	7.895e+05	1.310e+06	7.976e+05	-6.498e+04
		9	57.53	75.47	-477.78	-473.94	71.64	45.88	1.321e+06	8.040e+05	1.312e+06	8.123e+05	-6.494e+04
		55	57.36	73.06	-489.41	-485.64	69.30	45.88	1.316e+06	8.055e+05	1.309e+06	8.117e+05	-5.565e+04
		50	57.19	16.95	-501.95	-497.86	12.87	45.88	1.312e+06	7.912e+05	1.306e+06	7.969e+05	-5.414e+04
7	5	3	38.13	13.18	-325.60	-322.81	10.40	30.58	8.759e+05	5.232e+05	8.704e+05	5.287e+05	-4.335e+04
		9	38.23	50.31	-318.52	-315.96	47.76	30.58	8.778e+05	5.330e+05	8.723e+05	5.385e+05	-4.332e+04
		55	38.12	48.71	-326.27	-323.76	46.20	30.58	8.744e+05	5.340e+05	8.703e+05	5.381e+05	-3.707e+04
		50	38.01	11.30	-334.63	-331.91	8.58	30.58	8.720e+05	5.244e+05	8.682e+05	5.282e+05	-3.607e+04
7	8	3	6.93	2.64	-65.12	-64.56	2.08	6.12	1.594e+05	8.620e+04	1.583e+05	8.728e+04	-8846.03
		9	6.95	10.06	-63.70	-63.19	9.55	6.12	1.599e+05	8.862e+04	1.588e+05	8.973e+04	-8814.56
		55	6.92	9.74	-65.25	-64.75	9.24	6.12	1.591e+05	8.890e+04	1.584e+05	8.965e+04	-7264.27
		50	6.90	2.26	-66.93	-66.38	1.72	6.12	1.586e+05	8.650e+04	1.579e+05	8.719e+04	-7037.36
7	11	3	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		9	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
		55	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		50	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
8	1	9	44.59	73.82	-430.64	-428.46	71.64	33.08	9.028e+05	6.411e+05	8.953e+05	6.486e+05	-4.359e+04
		10	44.19	96.30	-426.43	-424.33	94.19	33.08	8.986e+05	6.214e+05	8.916e+05	6.284e+05	-4.350e+04
		56	44.58	95.18	-431.90	-429.82	93.10	33.08	9.091e+05	6.173e+05	8.969e+05	6.295e+05	-5.840e+04
		55	45.04	72.54	-436.89	-434.74	70.38	33.08	9.152e+05	6.359e+05	9.014e+05	6.498e+05	-6.061e+04
8	5	9	29.65	49.21	-287.09	-285.64	47.76	22.05	6.006e+05	4.250e+05	5.956e+05	4.300e+05	-2.913e+04
		10	29.38	64.20	-284.28	-282.88	62.80	22.05	5.978e+05	4.121e+05	5.932e+05	4.168e+05	-2.906e+04
		56	29.65	63.45	-287.93	-286.55	62.06	22.05	6.048e+05	4.094e+05	5.967e+05	4.175e+05	-3.887e+04
		55	29.95	48.36	-291.26	-289.82	46.92	22.05	6.088e+05	4.217e+05	5.996e+05	4.308e+05	-4.034e+04
8	8	9	5.48	9.84	-57.42	-57.13	9.55	4.41	1.124e+05	7.083e+04	1.114e+05	7.179e+04	-6256.31
		10	5.45	12.84	-56.86	-56.58	12.56	4.41	1.121e+05	6.925e+04	1.112e+05	7.016e+04	-6189.06
		56	5.50	12.69	-57.59	-57.31	12.41	4.41	1.131e+05	6.903e+04	1.119e+05	7.030e+04	-7397.42
		55	5.53	9.67	-58.25	-57.96	9.38	4.41	1.136e+05	7.055e+04	1.122e+05	7.195e+04	-7637.29

8	11	9	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	-537.94
		10	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	-470.70
		56	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.70
		55	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	537.94
9	1	10	34.88	96.22	-373.24	-371.91	94.90	24.88	6.145e+05	4.964e+05	6.068e+05	5.040e+05	-2.902e+04
		11	34.15	104.22	-371.75	-370.44	102.92	24.88	6.080e+05	4.696e+05	6.017e+05	4.759e+05	-2.893e+04
		57	34.85	103.77	-373.97	-372.67	102.47	24.88	6.285e+05	4.591e+05	6.100e+05	4.776e+05	-5.273e+04
		56	35.66	95.71	-375.74	-374.42	94.40	24.88	6.395e+05	4.826e+05	6.162e+05	5.059e+05	-5.580e+04
9	5	10	23.21	64.15	-248.82	-247.94	63.27	16.59	4.092e+05	3.292e+05	4.041e+05	3.343e+05	-1.943e+04
		11	22.72	69.48	-247.83	-246.96	68.61	16.59	4.049e+05	3.115e+05	4.007e+05	3.157e+05	-1.936e+04
		57	23.19	69.18	-249.32	-248.45	68.31	16.59	4.184e+05	3.047e+05	4.063e+05	3.168e+05	-3.508e+04
		56	23.72	63.81	-250.49	-249.62	62.93	16.59	4.257e+05	3.203e+05	4.104e+05	3.355e+05	-3.712e+04
9	8	10	4.37	12.83	-49.76	-49.59	12.65	3.32	7.908e+04	5.554e+04	7.822e+04	5.639e+04	-4404.36
		11	4.31	13.90	-49.57	-49.39	13.72	3.32	7.852e+04	5.301e+04	7.776e+04	5.377e+04	-4332.42
		57	4.40	13.84	-49.86	-49.69	13.66	3.32	8.050e+04	5.237e+04	7.887e+04	5.399e+04	-6555.73
		56	4.46	12.76	-50.10	-49.92	12.59	3.32	8.140e+04	5.472e+04	7.947e+04	5.664e+04	-6905.58
9	11	10	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.42
		11	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
		57	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.48
		56	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.41
10	1	11	27.36	103.56	-322.35	-321.47	102.68	19.37	4.167e+05	3.700e+05	4.067e+05	3.800e+05	-1.910e+04
		12	26.45	105.09	-322.07	-321.19	104.21	19.37	4.083e+05	3.463e+05	4.018e+05	3.529e+05	-1.902e+04
		58	27.31	105.00	-322.55	-321.67	104.12	19.37	4.356e+05	3.298e+05	4.107e+05	3.547e+05	-4.481e+04
		57	28.31	103.45	-322.89	-322.00	102.57	19.37	4.501e+05	3.485e+05	4.167e+05	3.820e+05	-4.776e+04
10	5	11	18.21	69.04	-214.90	-214.31	68.45	12.91	2.776e+05	2.457e+05	2.712e+05	2.521e+05	-1.282e+04
		12	17.61	70.06	-214.71	-214.13	69.47	12.91	2.722e+05	2.299e+05	2.680e+05	2.342e+05	-1.276e+04
		58	18.19	70.00	-215.03	-214.45	69.41	12.91	2.901e+05	2.192e+05	2.739e+05	2.354e+05	-2.979e+04
		57	18.84	68.97	-215.26	-214.67	68.38	12.91	2.997e+05	2.316e+05	2.779e+05	2.534e+05	-3.175e+04
10	8	11	3.50	13.81	-42.98	-42.86	13.69	2.58	5.545e+04	4.227e+04	5.469e+04	4.303e+04	-3079.12
		12	3.43	14.01	-42.94	-42.83	13.89	2.58	5.486e+04	3.980e+04	5.423e+04	4.043e+04	-3014.68
		58	3.54	14.00	-43.01	-42.89	13.88	2.58	5.725e+04	3.885e+04	5.543e+04	4.067e+04	-5495.34
		57	3.61	13.79	-43.05	-42.93	13.68	2.58	5.829e+04	4.103e+04	5.602e+04	4.330e+04	-5835.40
10	11	11	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.55	-644.37
		12	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
		58	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.94
		57	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	644.38
11	1	12	21.24	103.66	-277.41	-276.79	103.04	15.41	2.858e+05	2.570e+05	2.637e+05	2.792e+05	-1.211e+04
		13	20.24	102.31	-277.66	-277.04	101.68	15.41	2.698e+05	2.455e+05	2.594e+05	2.559e+05	-1.204e+04
		59	21.19	102.41	-277.19	-276.57	101.78	15.41	2.998e+05	2.258e+05	2.680e+05	2.576e+05	-3.663e+04
		58	22.26	103.77	-276.90	-276.27	103.14	15.41	3.164e+05	2.377e+05	2.731e+05	2.811e+05	-3.916e+04
11	5	12	14.15	69.11	-184.94	-184.53	68.69	10.27	1.901e+05	1.714e+05	1.761e+05	1.853e+05	-8149.25
		13	13.49	68.21	-185.11	-184.69	67.79	10.27	1.799e+05	1.634e+05	1.733e+05	1.699e+05	-8095.58
		59	14.12	68.27	-184.80	-184.38	67.85	10.27	1.997e+05	1.504e+05	1.790e+05	1.711e+05	-2.435e+04
		58	14.82	69.18	-184.60	-184.18	68.76	10.27	2.106e+05	1.584e+05	1.824e+05	1.866e+05	-2.603e+04
11	8	12	2.77	13.82	-36.99	-36.91	13.74	2.05	3.811e+04	3.133e+04	3.738e+04	3.206e+04	-2100.85
		13	2.70	13.64	-37.02	-36.94	13.56	2.05	3.753e+04	2.926e+04	3.699e+04	2.980e+04	-2047.29
		59	2.82	13.65	-36.96	-36.88	13.57	2.05	4.009e+04	2.807e+04	3.813e+04	3.003e+04	-4441.37
		58	2.90	13.84	-36.92	-36.84	13.75	2.05	4.117e+04	2.978e+04	3.864e+04	3.231e+04	-4734.33
11	11	12	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.08
		13	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		59	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		58	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.14	589.07
12	1	13	16.22	100.27	-237.14	-236.68	99.81	12.40	2.016e+05	1.595e+05	1.607e+05	2.003e+05	-7124.50
		14	15.17	97.74	-237.60	-237.14	97.28	12.40	1.835e+05	1.554e+05	1.573e+05	1.815e+05	-7069.12
		60	16.13	97.94	-236.64	-236.18	97.48	12.40	2.043e+05	1.437e+05	1.649e+05	1.831e+05	-2.890e+04
		59	17.24	100.48	-236.08	-235.62	100.03	12.40	2.206e+05	1.504e+05	1.690e+05	2.020e+05	-3.095e+04
12	5	13	10.81	66.85	-158.09	-157.79	66.54	8.27	1.339e+05	1.068e+05	1.076e+05	1.330e+05	-4817.66
		14	10.11	65.16	-158.40	-158.10	64.86	8.27	1.220e+05	1.040e+05	1.054e+05	1.206e+05	-4775.07
		60	10.76	65.29	-157.76	-157.45	64.98	8.27	1.360e+05	9.602e+04	1.104e+05	1.216e+05	-1.921e+04
		59	11.48	66.99	-157.39	-157.08	66.68	8.27	1.467e+05	1.006e+05	1.132e+05	1.341e+05	-2.056e+04
12	8	13	2.15	13.37	-31.62	-31.56	13.31	1.65	2.540e+04	2.244e+04	2.448e+04	2.336e+04	-1371.27
		14	2.08	13.03	-31.68	-31.62	12.97	1.65	2.471e+04	2.097e+04	2.416e+04	2.152e+04	-1328.78
		60	2.20	13.06	-31.55	-31.49	13.00	1.65	2.732e+04	1.958e+04	2.517e+04	2.173e+04	-3467.72
		59	2.28	13.40	-31.48	-31.42	13.34	1.65	2.842e+04	2.075e+04	2.559e+04	2.358e+04	-3704.66
12	11	13	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		14	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
		60	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	467.43
		59	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.52	-4044.99	509.93
13	1	14	12.56	94.81	-202.76	-202.41	94.46	10.11	1.399e+05	8.989e+04	9.017e+04	1.396e+05	-3764.97
		15	11.33	91.93	-203.29	-202.94	91.59	10.11	1.253e+05	8.712e+04	8.749e+04	1.249e+05	-3722.55
		61	12.14	92.17	-202.09	-201.74	91.83	10.11	1.377e+05	8.249e+04	9.397e+04	1.262e+05	-2.239e+04
		60	13.39	95.07	-201.46	-201.11	94.72	10.11	1.516e+05	8.661e+04	9.719e+04	1.410e+05	-2.399e+04
13	5	14	8.35	63.21	-135.17	-134.94	62.98	6.74	9.294e+04	6.044e+04	6.065e+04	9.274e+04	-2566.45
		15	7.54	61.29	-135.52	-135.29	61.06	6.74	8.328e+04	5.861e+04	5.887e+04	8.301e+04	-2533.83
		61	8.08	61.45	-134.72	-134.49	61.22	6.74	9.165e+04	5.542e+04	6.319e+04	8.388e+04	-1.487e+04
		60	8.91	63.38	-134.30	-134.07	63.15	6.74	1.008e+05	5.817e+04	6.533e+04	9.368e+04	-1.593e+04
13	8	14	1.64	12.64	-27.03	-26.99	12.60	1.35	1.701e+04	1.488e+04	1.531e+04	1.658e+04	-851.96

		15	1.56	12.26	-27.10	-27.06	12.21	1.35	1.591e+04	1.427e+04	1.505e+04	1.513e+04	-819.38
		61	1.68	12.29	-26.94	-26.90	12.24	1.35	1.829e+04	1.293e+04	1.592e+04	1.530e+04	-2662.08
		60	1.77	12.68	-26.86	-26.81	12.63	1.35	1.937e+04	1.365e+04	1.624e+04	1.677e+04	-2848.21
13	11	14	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		15	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94
		61	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		60	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.51
14	1	15	9.99	88.40	-172.64	-172.38	88.14	8.28	9.414e+04	4.239e+04	4.243e+04	9.409e+04	-1529.19
		16	8.79	85.57	-173.16	-172.89	85.31	8.28	8.290e+04	4.033e+04	4.038e+04	8.285e+04	-1497.62
		62	9.47	85.83	-171.88	-171.61	85.56	8.28	9.036e+04	3.930e+04	4.574e+04	8.392e+04	-1.695e+04
		61	10.66	88.68	-171.26	-171.00	88.42	8.28	1.014e+05	4.200e+04	4.820e+04	9.525e+04	-1.817e+04
14	5	15	6.63	58.93	-115.09	-114.92	58.76	5.52	6.258e+04	2.876e+04	2.879e+04	6.255e+04	-1064.72
		16	5.84	57.05	-115.44	-115.26	56.87	5.52	5.515e+04	2.740e+04	2.744e+04	5.511e+04	-1040.44
		62	6.29	57.22	-114.59	-114.41	57.04	5.52	6.017e+04	2.666e+04	3.101e+04	5.583e+04	-1.126e+04
		61	7.08	59.12	-114.17	-114.00	58.94	5.52	6.750e+04	2.846e+04	3.264e+04	6.332e+04	-1.207e+04
14	8	15	1.23	11.79	-23.02	-22.98	11.75	1.10	1.151e+04	8706.99	8793.45	1.142e+04	-484.38
		16	1.14	11.41	-23.09	-23.05	11.37	1.10	1.042e+04	8479.77	8596.00	1.030e+04	-460.14
		62	1.25	11.44	-22.92	-22.88	11.41	1.10	1.196e+04	7798.49	9310.28	1.044e+04	-1999.98
		61	1.34	11.82	-22.83	-22.80	11.79	1.10	1.294e+04	8201.53	9562.68	1.157e+04	-2142.67
14	11	15	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		16	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	-315.18
		62	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		61	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
15	1	16	8.38	81.70	-145.44	-145.24	81.49	6.77	6.113e+04	1.169e+04	1.169e+04	6.113e+04	-121.40
		17	7.32	79.10	-145.92	-145.71	78.90	6.77	5.280e+04	1.017e+04	1.017e+04	5.280e+04	-98.72
		63	7.77	79.36	-144.65	-144.45	79.15	6.77	5.726e+04	1.083e+04	1.444e+04	5.365e+04	-1.243e+04
		62	8.84	81.97	-144.09	-143.88	81.76	6.77	6.565e+04	1.267e+04	1.627e+04	6.205e+04	-1.334e+04
15	5	16	5.55	54.46	-96.96	-96.82	54.33	4.51	4.067e+04	8238.24	8238.66	4.067e+04	-115.78
		17	4.85	52.74	-97.28	-97.14	52.60	4.51	3.515e+04	7233.31	7233.66	3.515e+04	-98.34
		63	5.15	52.90	-96.44	-96.30	52.77	4.51	3.815e+04	7651.02	1.008e+04	3.572e+04	-8257.11
		62	5.86	54.65	-96.06	-95.92	54.51	4.51	4.370e+04	8867.37	1.129e+04	4.128e+04	-8857.33
15	8	16	0.95	10.89	-19.39	-19.36	10.87	0.90	7623.91	4281.35	4297.56	7607.70	-232.20
		17	0.85	10.55	-19.46	-19.43	10.52	0.90	6787.24	4132.00	4149.49	6769.75	-214.77
		63	0.93	10.58	-19.29	-19.26	10.55	0.90	7615.69	3986.60	4718.70	6883.60	-1456.32
		62	1.03	10.93	-19.21	-19.18	10.90	0.90	8423.89	4213.21	4907.43	7729.67	-1562.43
15	11	16	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		17	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
		63	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.94
		62	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
16	1	17	7.53	74.68	-122.09	-121.93	74.52	5.54	3.767e+04	-6114.23	-6104.39	3.766e+04	656.18
		18	6.67	72.40	-122.51	-122.35	72.24	5.54	3.160e+04	-7223.44	-7211.81	3.159e+04	672.01
		64	6.88	72.64	-121.31	-121.16	72.48	5.54	3.435e+04	-5983.39	-3888.35	3.226e+04	-8950.69
		63	7.75	74.94	-120.82	-120.66	74.78	5.54	4.051e+04	-4702.60	-2559.37	3.837e+04	-9608.04
16	5	17	4.98	49.79	-81.39	-81.29	49.68	3.69	2.508e+04	-3710.28	-3704.40	2.508e+04	411.50
		18	4.41	48.27	-81.67	-81.57	48.16	3.69	2.107e+04	-4443.55	-4436.51	2.106e+04	423.68
		64	4.55	48.42	-80.88	-80.77	48.32	3.69	2.291e+04	-3626.10	-2220.87	2.151e+04	-5942.80
		63	5.13	49.96	-80.54	-80.44	49.85	3.69	2.699e+04	-2777.65	-1341.05	2.555e+04	-6379.41
16	8	17	0.78	9.96	-16.28	-16.26	9.94	0.74	4840.74	1446.11	1447.70	4839.16	-73.38
		18	0.69	9.65	-16.33	-16.31	9.63	0.74	4222.21	1336.93	1338.23	4220.91	-61.22
		64	0.74	9.68	-16.18	-16.15	9.66	0.74	4684.03	1406.86	1781.35	4309.53	-1042.61
		63	0.83	9.99	-16.11	-16.09	9.97	0.74	5304.49	1549.56	1920.37	4933.69	-1120.20
16	11	17	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	-194.64
		18	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		64	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		63	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.65
17	1	18	7.19	67.77	-100.80	-100.68	67.65	4.48	2.188e+04	-1.476e+04	-1.474e+04	2.185e+04	995.36
		19	6.56	65.82	-101.16	-101.03	65.70	4.48	1.763e+04	-1.554e+04	-1.551e+04	1.760e+04	1005.90
		65	6.56	66.04	-100.07	-99.95	65.92	4.48	1.928e+04	-1.422e+04	-1.303e+04	1.809e+04	-6183.37
		64	7.21	68.00	-99.65	-99.53	67.88	4.48	2.361e+04	-1.334e+04	-1.210e+04	2.238e+04	-6643.23
17	5	18	4.75	45.18	-67.20	-67.12	45.10	2.99	1.459e+04	-9560.23	-9542.98	1.457e+04	645.21
		19	4.33	43.88	-67.44	-67.36	43.80	2.99	1.177e+04	-1.008e+04	-1.006e+04	1.175e+04	653.31
		65	4.33	44.02	-66.71	-66.63	43.94	2.99	1.288e+04	-9196.44	-8404.63	1.208e+04	-4104.96
		64	4.76	45.33	-66.43	-66.35	45.25	2.99	1.575e+04	-8614.86	-7788.30	1.492e+04	-4410.45
17	8	18	0.70	9.04	-13.44	-13.42	9.02	0.60	2922.19	-226.12	-226.01	2922.08	18.84
		19	0.63	8.78	-13.49	-13.47	8.76	0.60	2482.77	-304.28	-304.02	2482.50	26.95
		65	0.64	8.80	-13.34	-13.33	8.79	0.60	2738.27	-163.43	26.28	2548.56	-717.28
		64	0.72	9.07	-13.29	-13.27	9.05	0.60	3186.85	-69.66	124.93	2992.26	-771.89
17	11	18	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		19	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		65	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		64	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
18	1	19	7.03	60.79	-82.41	-82.32	60.70	3.61	1.155e+04	-1.737e+04	-1.733e+04	1.151e+04	1049.47
		20	6.58	59.17	-82.71	-82.62	59.08	3.61	8658.21	-1.790e+04	-1.786e+04	8616.14	1056.21
		66	6.45	59.36	-81.75	-81.66	59.27	3.61	9641.80	-1.674e+04	-1.607e+04	8973.60	-4145.18
		65	6.91	61.00	-81.40	-81.31	60.91	3.61	1.260e+04	-1.615e+04	-1.544e+04	1.189e+04	-4457.88
18	5	19	4.64	40.53	-54.94	-54.88	40.47	2.40	7714.33	-1.137e+04	-1.135e+04	7689.56	687.21
		20	4.35	39.45	-55.14	-55.08	39.39	2.40	5800.40	-1.173e+04	-1.170e+04	5773.01	692.39

		66	4.26	39.58	-54.50	-54.44	39.51	2.40	6457.63	-1.095e+04	-1.051e+04	6011.32	-2751.70
		65	4.57	40.67	-54.27	-54.20	40.60	2.40	8415.24	-1.056e+04	-1.009e+04	7941.89	-2959.48
18	8	19	0.68	8.11	-10.99	-10.98	8.09	0.48	1633.00	-1043.89	-1042.42	1631.52	62.80
		20	0.62	7.89	-11.03	-11.02	7.88	0.48	1328.86	-1098.51	-1096.60	1326.96	67.98
		66	0.62	7.92	-10.90	-10.89	7.90	0.48	1473.37	-957.04	-858.29	1374.62	-479.84
		65	0.68	8.13	-10.85	-10.84	8.12	0.48	1785.85	-893.95	-790.09	1681.99	-517.25
18	11	19	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		20	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		66	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		65	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
19	1	20	6.81	53.92	-66.00	-65.93	53.86	2.85	5299.33	-1.614e+04	-1.610e+04	5259.06	928.36
		21	6.51	52.60	-66.24	-66.18	52.53	2.85	3419.89	-1.649e+04	-1.644e+04	3376.12	932.42
		67	6.31	52.77	-65.42	-65.35	52.70	2.85	3987.26	-1.558e+04	-1.522e+04	3621.55	-2650.17
		66	6.63	54.10	-65.13	-65.06	54.03	2.85	5911.10	-1.520e+04	-1.481e+04	5518.12	-2853.26
19	5	20	4.50	35.95	-44.00	-43.96	35.90	1.90	3551.49	-1.062e+04	-1.059e+04	3525.10	611.01
		21	4.30	35.07	-44.16	-44.12	35.02	1.90	2306.43	-1.085e+04	-1.082e+04	2277.71	614.13
		67	4.17	35.18	-43.61	-43.57	35.13	1.90	2685.24	-1.025e+04	-1.000e+04	2441.33	-1759.30
		66	4.38	36.07	-43.42	-43.37	36.02	1.90	3959.90	-9993.35	-9731.26	3697.81	-1894.27
19	8	20	0.68	7.19	-8.80	-8.79	7.18	0.38	821.31	-1287.76	-1285.10	818.65	74.79
		21	0.64	7.01	-8.83	-8.82	7.00	0.38	619.68	-1324.29	-1321.16	616.55	77.91
		67	0.62	7.04	-8.72	-8.71	7.03	0.38	700.00	-1208.26	-1157.54	649.28	-306.95
		66	0.66	7.21	-8.68	-8.67	7.20	0.38	907.58	-1166.78	-1112.39	853.19	-331.44
19	11	20	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		21	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		67	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		66	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
20	1	21	6.32	47.26	-50.84	-50.79	47.21	2.17	1964.17	-1.262e+04	-1.259e+04	1929.80	707.26
		22	6.12	46.21	-51.03	-50.99	46.17	2.17	831.42	-1.283e+04	-1.280e+04	794.49	709.47
		68	5.91	46.35	-50.34	-50.30	46.30	2.17	1137.59	-1.221e+04	-1.202e+04	950.09	-1570.61
		67	6.12	47.40	-50.12	-50.07	47.36	2.17	2297.30	-1.197e+04	-1.177e+04	2093.59	-1692.82
20	5	21	4.18	31.51	-33.90	-33.86	31.47	1.45	1325.38	-8330.41	-8307.77	1302.74	466.98
		22	4.05	30.81	-34.02	-33.99	30.78	1.45	574.52	-8469.54	-8445.18	550.17	468.68
		68	3.91	30.90	-33.56	-33.53	30.87	1.45	778.81	-8051.41	-7926.50	653.90	-1042.77
		67	4.05	31.60	-33.41	-33.38	31.57	1.45	1547.65	-7897.50	-7761.79	1411.94	-1124.02
20	8	21	0.66	6.30	-6.78	-6.77	6.29	0.29	360.23	-1154.75	-1151.85	357.33	66.22
		22	0.63	6.16	-6.80	-6.80	6.16	0.29	235.90	-1177.44	-1174.17	232.63	67.91
		68	0.60	6.18	-6.71	-6.71	6.17	0.29	278.13	-1095.20	-1070.44	253.37	-182.73
		67	0.63	6.32	-6.68	-6.68	6.31	0.29	406.13	-1069.61	-1042.66	379.17	-197.62
20	11	21	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		22	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		68	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		67	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
21	1	22	5.58	40.63	-37.61	-37.58	40.60	1.59	386.26	-8622.72	-8597.62	361.16	474.84
		23	5.45	39.83	-37.76	-37.73	39.80	1.59	-244.50	-8739.95	-8713.20	-271.25	475.92
		69	5.25	39.94	-37.20	-37.17	39.91	1.59	-89.68	-8349.83	-8259.09	-180.43	-861.00
		68	5.39	40.74	-37.03	-36.99	40.71	1.59	555.97	-8220.25	-8120.80	456.52	-928.91
21	5	22	3.70	27.09	-25.07	-25.05	27.06	1.06	268.73	-5701.81	-5685.22	252.14	314.25
		23	3.61	26.55	-25.17	-25.15	26.53	1.06	-149.68	-5779.54	-5761.86	-167.37	315.07
		69	3.48	26.63	-24.80	-24.78	26.60	1.06	-46.42	-5519.52	-5459.11	-106.82	-571.79
		68	3.57	27.16	-24.68	-24.66	27.14	1.06	381.93	-5433.55	-5367.34	315.72	-616.96
21	8	22	0.61	5.42	-5.01	-5.01	5.41	0.21	120.82	-860.46	-858.01	118.38	48.95
		23	0.59	5.31	-5.03	-5.03	5.31	0.21	49.73	-873.52	-870.82	47.04	49.78
		69	0.56	5.33	-4.96	-4.96	5.32	0.21	70.76	-821.88	-810.28	59.15	-101.13
		68	0.58	5.43	-4.94	-4.93	5.43	0.21	143.87	-807.21	-794.43	131.09	-109.50
21	11	22	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		23	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
		69	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		68	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
22	1	23	4.45	34.13	-25.56	-25.54	34.11	1.08	-112.91	-4837.13	-4822.37	-127.67	263.65
		24	4.37	33.55	-25.67	-25.65	33.53	1.08	-414.71	-4893.35	-4877.72	-430.33	264.07
		70	4.21	33.64	-25.25	-25.23	33.62	1.08	-346.35	-4689.53	-4650.91	-384.97	-407.74
		69	4.30	34.22	-25.12	-25.10	34.20	1.08	-37.55	-4627.37	-4584.76	-80.15	-440.14
22	5	23	2.95	22.75	-17.04	-17.03	22.74	0.72	-68.87	-3203.92	-3194.14	-78.65	174.83
		24	2.90	22.37	-17.11	-17.10	22.35	0.72	-269.25	-3241.23	-3230.87	-279.61	175.14
		70	2.79	22.42	-16.83	-16.82	22.41	0.72	-223.67	-3105.37	-3079.67	-249.37	-270.93
		69	2.85	22.81	-16.75	-16.73	22.80	0.72	-18.61	-3064.09	-3035.73	-46.96	-292.49
22	8	23	0.51	4.55	-3.41	-3.41	4.55	0.14	24.54	-515.77	-514.17	22.94	29.31
		24	0.49	4.47	-3.42	-3.42	4.47	0.14	-10.64	-522.26	-520.54	-12.36	29.63
		70	0.47	4.48	-3.37	-3.36	4.48	0.14	-1.45	-495.17	-490.30	-6.32	-48.78
		69	0.49	4.56	-3.35	-3.35	4.56	0.14	34.68	-487.89	-482.49	29.28	-52.84
22	11	23	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		24	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		70	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		69	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
23	1	24	2.94	27.74	-14.65	-14.64	27.73	0.61	-115.27	-1973.47	-1967.27	-121.47	107.19
		25	2.89	27.35	-14.72	-14.71	27.34	0.61	-225.54	-1994.05	-1987.51	-232.07	107.28
		71	2.79	27.41	-14.43	-14.42	27.40	0.61	-201.64	-1914.68	-1901.46	-214.86	-149.88

		70	2.85	27.80	-14.34	-14.33	27.79	0.61	-88.87	-1891.92	-1877.31	-103.48	-161.67
23	5	24	1.96	18.49	-9.77	-9.76	18.49	0.41	-74.04	-1309.21	-1305.09	-78.16	71.22
		25	1.92	18.23	-9.82	-9.81	18.23	0.41	-147.35	-1322.88	-1318.54	-151.69	71.30
		71	1.86	18.27	-9.62	-9.61	18.27	0.41	-131.42	-1269.97	-1261.18	-140.22	-99.69
		70	1.89	18.53	-9.56	-9.55	18.53	0.41	-56.43	-1254.84	-1245.11	-66.16	-107.54
23	8	24	0.35	3.70	-1.95	-1.95	3.70	0.08	1.99	-223.18	-222.45	1.26	12.82
		25	0.35	3.65	-1.96	-1.96	3.65	0.08	-11.49	-225.68	-224.90	-12.27	12.89
		71	0.33	3.65	-1.92	-1.92	3.65	0.08	-8.29	-215.11	-213.43	-9.98	-18.57
		70	0.34	3.71	-1.91	-1.91	3.71	0.08	5.52	-212.32	-210.45	3.66	-20.08
23	11	24	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		25	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		71	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		70	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
24	1	25	1.33	21.46	-4.70	-4.70	21.46	0.20	-14.51	-415.90	-414.59	-15.82	22.90
		4	1.30	21.24	-4.74	-4.74	21.23	0.20	-37.03	-420.10	-418.73	-38.40	22.90
		26	1.27	21.27	-4.57	-4.57	21.27	0.20	-32.01	-403.43	-400.66	-34.78	-31.98
		71	1.30	21.50	-4.52	-4.52	21.49	0.20	-9.00	-398.79	-395.73	-12.05	-34.37
24	5	25	0.89	14.31	-3.14	-3.13	14.30	0.13	-8.79	-276.35	-275.48	-9.67	15.26
		4	0.87	14.16	-3.16	-3.16	14.16	0.13	-23.80	-279.15	-278.24	-24.72	15.26
		26	0.84	14.18	-3.04	-3.04	14.18	0.13	-20.46	-268.04	-266.19	-22.31	-21.32
		71	0.86	14.33	-3.01	-3.01	14.33	0.13	-5.12	-264.94	-262.91	-7.15	-22.91
24	8	25	0.17	2.86	-0.63	-0.63	2.86	0.03	3.51	-49.76	-49.59	3.33	3.04
		4	0.17	2.83	-0.63	-0.63	2.83	0.03	0.52	-50.32	-50.14	0.34	3.04
		26	0.16	2.84	-0.61	-0.61	2.84	0.03	1.19	-48.10	-47.73	0.82	-4.25
		71	0.17	2.87	-0.60	-0.60	2.87	0.03	4.24	-47.48	-47.08	3.84	-4.57
24	11	25	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		4	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		26	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		71	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
25	1	1	7.89	9.56	6.06	8.95	6.67	-1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	-4.214e+04
		51	7.89	9.56	6.06	8.95	6.67	-1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	-4.214e+04
		97	7.89	9.56	6.06	8.95	6.67	-1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	-4.214e+04
25	5	1	5.14	6.37	4.04	5.97	4.45	-0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	-2.810e+04
		51	5.14	6.37	4.04	5.97	4.45	-0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	-2.810e+04
		97	5.14	6.37	4.04	5.97	4.45	-0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	-2.810e+04
25	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		51	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		97	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
25	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		51	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		97	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
26	1	51	20.95	22.27	9.97	22.07	10.16	-1.54	6.216e+05	1.661e+05	6.137e+05	1.739e+05	-5.926e+04
		52	21.49	23.38	16.29	23.02	16.64	-1.54	6.602e+05	3.305e+05	6.398e+05	3.510e+05	-7.956e+04
		98	20.45	22.56	16.08	22.17	16.47	-1.54	6.278e+05	3.348e+05	6.163e+05	3.463e+05	-5.693e+04
		97	19.15	20.72	9.63	20.50	9.85	-1.54	5.715e+05	1.645e+05	5.707e+05	1.653e+05	-1.778e+04
26	5	51	13.85	14.84	6.65	14.71	6.78	-1.03	4.098e+05	1.062e+05	4.046e+05	1.115e+05	-3.950e+04
		52	14.18	15.58	10.86	15.35	11.10	-1.03	4.356e+05	2.158e+05	4.219e+05	2.295e+05	-5.304e+04
		98	13.48	15.04	10.72	14.78	10.98	-1.03	4.140e+05	2.186e+05	4.063e+05	2.263e+05	-3.796e+04
		97	12.64	13.81	6.42	13.67	6.57	-1.03	3.764e+05	1.052e+05	3.759e+05	1.057e+05	-1.186e+04
26	8	51	2.17	2.97	1.33	2.94	1.36	-0.21	5.453e+04	-5756.08	5.349e+04	-4710.04	-7872.03
		52	2.01	3.12	2.17	3.07	2.22	-0.21	5.964e+04	1.591e+04	5.690e+04	1.865e+04	-1.059e+04
		98	1.85	3.01	2.14	2.96	2.20	-0.21	5.532e+04	1.647e+04	5.377e+04	1.802e+04	-7607.16
		97	1.92	2.76	1.28	2.73	1.31	-0.21	4.785e+04	-5965.31	4.775e+04	-5858.10	-2399.66
26	11	51	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		52	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		98	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		97	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
27	1	52	33.35	35.51	18.60	35.09	19.02	-2.62	1.017e+06	4.010e+05	9.975e+05	4.204e+05	-1.076e+05
		53	34.22	36.56	24.39	35.97	24.99	-2.62	1.051e+06	5.359e+05	1.019e+06	5.680e+05	-1.246e+05
		99	32.64	35.18	24.04	34.52	24.70	-2.62	1.002e+06	5.424e+05	9.832e+05	5.608e+05	-8.998e+04
		98	31.08	33.45	18.14	32.99	18.60	-2.62	9.513e+05	4.039e+05	9.452e+05	4.099e+05	-5.730e+04
27	5	52	22.09	23.67	12.40	23.40	12.68	-1.75	6.732e+05	2.627e+05	6.603e+05	2.757e+05	-7.172e+04
		53	22.66	24.38	16.26	23.98	16.66	-1.75	6.961e+05	3.526e+05	6.747e+05	3.740e+05	-8.303e+04
		99	21.60	23.45	16.03	23.02	16.46	-1.75	6.630e+05	3.570e+05	6.508e+05	3.692e+05	-5.999e+04
		98	20.58	22.30	12.09	21.99	12.40	-1.75	6.295e+05	2.647e+05	6.254e+05	2.687e+05	-3.821e+04
27	8	52	3.62	4.73	2.48	4.68	2.54	-0.35	1.063e+05	2.511e+04	1.037e+05	2.770e+04	-1.428e+04
		53	3.64	4.88	3.25	4.80	3.33	-0.35	1.108e+05	4.270e+04	1.065e+05	4.700e+04	-1.656e+04
		99	3.41	4.69	3.21	4.60	3.29	-0.35	1.042e+05	4.355e+04	1.017e+05	4.604e+04	-1.204e+04
		98	3.30	4.46	2.42	4.40	2.48	-0.35	9.754e+04	2.548e+04	9.671e+04	2.631e+04	-7704.36
27	11	52	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		53	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		99	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17
		98	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
28	1	53	46.95	48.96	26.86	48.36	27.46	-3.59	1.438e+06	6.177e+05	1.409e+06	6.463e+05	-1.504e+05
		54	47.97	50.02	32.66	49.24	33.44	-3.59	1.474e+06	7.582e+05	1.432e+06	8.002e+05	-1.681e+05
		100	45.61	47.99	32.15	47.13	33.02	-3.59	1.399e+06	7.673e+05	1.377e+06	7.892e+05	-1.157e+05
		99	43.88	46.26	26.24	45.59	26.91	-3.59	1.347e+06	6.226e+05	1.338e+06	6.319e+05	-8.156e+04

28	5	53	31.15	32.64	17.91	32.24	18.31	-2.40	9.535e+05	4.071e+05	9.345e+05	4.262e+05-1.002e+05
		54	31.82	33.34	21.77	32.83	22.29	-2.40	9.775e+05	5.007e+05	9.495e+05	5.287e+05-1.121e+05
		100	30.24	31.99	21.44	31.42	22.01	-2.40	9.278e+05	5.068e+05	9.131e+05	5.214e+05-7.712e+04
		99	29.10	30.84	17.50	30.40	17.94	-2.40	8.929e+05	4.104e+05	8.867e+05	4.166e+05-5.439e+04
28	8	53	5.34	6.53	3.58	6.45	3.66	-0.48	1.610e+05	5.335e+04	1.572e+05	5.718e+04-1.994e+04
		54	5.41	6.67	4.35	6.57	4.46	-0.48	1.657e+05	7.155e+04	1.601e+05	7.719e+04-2.233e+04
		100	5.08	6.40	4.29	6.28	4.40	-0.48	1.558e+05	7.273e+04	1.528e+05	7.573e+04-1.551e+04
		99	4.91	6.17	3.50	6.08	3.59	-0.48	1.489e+05	5.398e+04	1.476e+05	5.527e+04-1.099e+04
28	11	53	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04 135.75
		54	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04 103.43
		100	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04 -103.43
		99	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04 -135.75
29	1	54	61.24	62.49	35.16	61.71	35.93	-4.54	1.879e+06	8.458e+05	1.842e+06	8.826e+05-1.916e+05
		49	62.42	63.55	41.00	62.60	41.96	-4.54	1.917e+06	9.972e+05	1.866e+06	1.048e+06-2.107e+05
		95	59.13	60.87	40.34	59.81	41.40	-4.54	1.813e+06	1.009e+06	1.789e+06	1.033e+06-1.366e+05
		100	57.21	59.12	34.38	58.26	35.24	-4.54	1.757e+06	8.524e+05	1.746e+06	8.635e+05-9.987e+04
29	5	54	40.67	41.66	23.44	41.14	23.96	-3.03	1.247e+06	5.590e+05	1.223e+06	5.836e+05-1.277e+05
		49	41.44	42.37	27.33	41.73	27.97	-3.03	1.273e+06	6.598e+05	1.239e+06	6.939e+05-1.404e+05
		95	39.25	40.58	26.89	39.87	27.60	-3.03	1.203e+06	6.676e+05	1.187e+06	6.836e+05-9.108e+04
		100	37.97	39.41	22.92	38.84	23.50	-3.03	1.166e+06	5.634e+05	1.159e+06	5.709e+05-6.661e+04
29	8	54	7.17	8.33	4.69	8.23	4.79	-0.61	2.180e+05	8.290e+04	2.131e+05	8.784e+04-2.537e+04
		49	7.27	8.47	5.47	8.35	5.59	-0.61	2.231e+05	1.024e+05	2.162e+05	1.093e+05-2.795e+04
		95	6.81	8.12	5.38	7.97	5.52	-0.61	2.092e+05	1.039e+05	2.059e+05	1.072e+05-1.835e+04
		100	6.61	7.88	4.58	7.77	4.70	-0.61	2.019e+05	8.373e+04	2.004e+05	8.529e+04-1.349e+04
29	11	54	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04 209.66
		49	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04 169.34
		95	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04 -169.34
		100	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04 -209.66
30	1	49	59.59	14.87	-532.59	-457.70	-60.02	188.13	1.799e+06	9.652e+05	1.744e+06	1.020e+06-2.074e+05
		50	60.29	96.69	-509.70	-444.27	31.26	188.13	1.819e+06	1.030e+06	1.755e+06	1.095e+06-2.158e+05
		96	58.10	78.36	-569.88	-509.69	18.18	188.13	1.743e+06	1.043e+06	1.702e+06	1.084e+06-1.645e+05
		95	57.07	-7.76	-600.54	-533.18	-75.12	188.13	1.714e+06	9.772e+05	1.683e+06	1.008e+06-1.482e+05
30	5	49	39.58	9.92	-355.06	-305.13	-40.01	125.42	1.195e+06	6.388e+05	1.158e+06	6.756e+05-1.383e+05
		50	40.04	64.46	-339.80	-296.18	20.84	125.42	1.208e+06	6.822e+05	1.165e+06	7.251e+05-1.439e+05
		96	38.58	52.24	-379.92	-339.80	12.12	125.42	1.158e+06	6.907e+05	1.130e+06	7.180e+05-1.096e+05
		95	37.90	-5.17	-400.36	-355.46	-50.08	125.42	1.138e+06	6.467e+05	1.118e+06	6.675e+05-9.877e+04
30	8	49	7.06	1.98	-71.01	-61.03	-8.00	25.08	2.125e+05	9.937e+04	2.052e+05	1.067e+05-2.779e+04
		50	7.14	12.89	-67.96	-59.24	4.17	25.08	2.152e+05	1.084e+05	2.067e+05	1.169e+05-2.889e+04
		96	6.82	10.45	-75.98	-67.96	2.42	25.08	2.050e+05	1.102e+05	1.997e+05	1.155e+05-2.181e+04
		95	6.70	-1.03	-80.07	-71.09	-10.02	25.08	2.011e+05	1.010e+05	1.971e+05	1.050e+05-1.962e+04
30	11	49	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04 -163.31
		50	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04 -141.54
		96	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04 141.54
		95	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04 163.31
31	1	50	55.55	54.06	-474.37	-437.57	17.26	134.50	1.282e+06	6.821e+05	1.222e+06	7.419e+05-1.797e+05
		55	55.70	103.04	-463.89	-429.95	69.09	134.50	1.286e+06	6.936e+05	1.224e+06	7.555e+05-1.811e+05
		101	55.25	94.61	-496.61	-464.24	62.24	134.50	1.273e+06	6.965e+05	1.216e+06	7.538e+05-1.724e+05
		96	55.02	43.95	-512.27	-477.58	9.26	134.50	1.267e+06	6.853e+05	1.212e+06	7.399e+05-1.696e+05
31	5	50	36.92	36.04	-316.25	-291.72	11.51	89.67	8.519e+05	4.517e+05	8.120e+05	4.915e+05-1.198e+05
		55	37.02	68.69	-309.26	-286.63	46.06	89.67	8.546e+05	4.595e+05	8.134e+05	5.007e+05-1.208e+05
		101	36.71	63.07	-331.08	-309.50	41.49	89.67	8.459e+05	4.614e+05	8.078e+05	4.995e+05-1.149e+05
		96	36.56	29.30	-341.51	-318.39	6.17	89.67	8.418e+05	4.539e+05	8.054e+05	4.902e+05-1.130e+05
31	8	50	6.72	7.21	-63.25	-58.34	2.30	17.93	1.544e+05	7.204e+04	1.466e+05	7.986e+04-2.414e+04
		55	6.74	13.74	-61.85	-57.33	9.21	17.93	1.551e+05	7.406e+04	1.470e+05	8.216e+04-2.431e+04
		101	6.66	12.61	-66.22	-61.90	8.30	17.93	1.532e+05	7.462e+04	1.459e+05	8.194e+04-2.284e+04
		96	6.63	5.86	-68.30	-63.68	1.23	17.93	1.522e+05	7.267e+04	1.453e+05	7.959e+04-2.243e+04
31	11	50	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04 -220.25
		55	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04 -188.78
		101	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04 188.78
		96	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04 220.25
32	1	55	43.41	87.58	-412.56	-392.98	68.01	96.98	8.981e+05	5.308e+05	8.274e+05	6.016e+05-1.449e+05
		56	43.01	107.77	-408.82	-389.92	88.87	96.98	8.907e+05	5.171e+05	8.247e+05	5.831e+05-1.425e+05
		102	44.10	104.09	-424.46	-406.02	85.65	96.98	9.147e+05	5.118e+05	8.403e+05	5.862e+05-1.563e+05
		101	44.65	83.34	-430.40	-411.39	64.33	96.98	9.257e+05	5.246e+05	8.452e+05	6.051e+05-1.606e+05
32	5	55	28.86	58.39	-275.04	-261.99	45.34	64.66	5.973e+05	3.517e+05	5.503e+05	3.987e+05-9.665e+04
		56	28.60	71.85	-272.54	-259.94	59.25	64.66	5.925e+05	3.427e+05	5.486e+05	3.865e+05-9.505e+04
		102	29.33	69.39	-282.97	-270.68	57.10	64.66	6.083e+05	3.393e+05	5.590e+05	3.886e+05-1.041e+05
		101	29.69	55.56	-286.93	-274.26	42.89	64.66	6.156e+05	3.477e+05	5.622e+05	4.011e+05-1.070e+05
32	8	55	5.36	11.68	-55.01	-52.40	9.07	12.93	1.110e+05	5.694e+04	1.024e+05	6.553e+04-1.976e+04
		56	5.33	14.37	-54.51	-51.99	11.85	12.93	1.104e+05	5.599e+04	1.022e+05	6.412e+04-1.939e+04
		102	5.46	13.88	-56.59	-54.14	11.42	12.93	1.130e+05	5.590e+04	1.043e+05	6.453e+04-2.045e+04
		101	5.50	11.11	-57.39	-54.85	8.58	12.93	1.139e+05	5.682e+04	1.048e+05	6.600e+04-2.097e+04
32	11	55	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04 -537.94
		56	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04 -470.69
		102	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04 470.70
		101	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04 537.94
33	1	56	34.16	100.90	-356.02	-344.06	88.93	72.95	6.317e+05	3.908e+05	5.558e+05	4.667e+05-1.119e+05

		57	33.43	108.15	-354.76	-342.97	96.35	72.95	6.185e+05	3.743e+05	5.521e+05	4.408e+05	-1.087e+05
		103	35.34	106.71	-361.17	-349.51	95.04	72.95	6.573e+05	3.649e+05	5.765e+05	4.457e+05	-1.307e+05
		102	36.28	99.27	-363.23	-351.42	87.46	72.95	6.754e+05	3.801e+05	5.833e+05	4.722e+05	-1.368e+05
33	5	56	22.73	67.26	-237.35	-229.37	59.29	48.64	4.204e+05	2.591e+05	3.701e+05	3.094e+05	-7.470e+04
		57	22.25	72.10	-236.51	-228.64	64.23	48.64	4.117e+05	2.482e+05	3.677e+05	2.923e+05	-7.252e+04
		103	23.52	71.14	-240.78	-233.01	63.36	48.64	4.374e+05	2.421e+05	3.840e+05	2.955e+05	-8.709e+04
		102	24.14	66.18	-242.15	-234.28	58.31	48.64	4.493e+05	2.521e+05	3.884e+05	3.130e+05	-9.109e+04
33	8	56	4.30	13.45	-47.47	-45.87	11.86	9.73	7.983e+04	4.300e+04	7.142e+04	5.141e+04	-1.546e+04
		57	4.25	14.42	-47.30	-45.73	12.85	9.73	7.871e+04	4.153e+04	7.115e+04	4.908e+04	-1.496e+04
		103	4.48	14.23	-48.16	-46.60	12.67	9.73	8.304e+04	4.110e+04	7.441e+04	4.974e+04	-1.696e+04
		102	4.56	13.24	-48.43	-46.86	11.66	9.73	8.471e+04	4.252e+04	7.508e+04	5.214e+04	-1.770e+04
33	11	56	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-3237.55	-1.307e+04	-647.42
		57	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
		103	0.64	0.0	0.0	0.0	0.0	0.0	-2926.62	-1.174e+04	-2964.34	-1.171e+04	575.48
		102	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.54	-1.307e+04	647.41
34	1	57	26.98	103.80	-307.04	-299.03	95.79	56.80	4.453e+05	2.750e+05	3.691e+05	3.513e+05	-8.472e+04
		58	26.08	105.19	-306.81	-298.82	97.21	56.80	4.298e+05	2.620e+05	3.655e+05	3.263e+05	-8.160e+04
		104	28.40	104.89	-308.19	-300.23	96.92	56.80	4.714e+05	2.520e+05	3.918e+05	3.316e+05	-1.055e+05
		103	29.51	103.46	-308.58	-300.59	95.47	56.80	4.909e+05	2.645e+05	3.983e+05	3.571e+05	-1.113e+05
34	5	57	17.96	69.20	-204.69	-199.35	63.86	37.86	2.965e+05	1.826e+05	2.461e+05	2.329e+05	-5.656e+04
		58	17.37	70.13	-204.54	-199.21	64.80	37.86	2.863e+05	1.740e+05	2.438e+05	2.165e+05	-5.448e+04
		104	18.92	69.93	-205.46	-200.15	64.62	37.86	3.139e+05	1.674e+05	2.613e+05	2.200e+05	-7.028e+04
		103	19.65	68.97	-205.72	-200.40	63.65	37.86	3.267e+05	1.757e+05	2.656e+05	2.369e+05	-7.412e+04
34	8	57	3.47	13.84	-40.94	-39.87	12.77	7.57	5.737e+04	3.150e+04	4.967e+04	3.921e+04	-1.183e+04
		58	3.40	14.03	-40.91	-39.84	12.96	7.57	5.610e+04	3.018e+04	4.939e+04	3.689e+04	-1.136e+04
		104	3.68	13.99	-41.09	-40.03	12.92	7.57	6.085e+04	2.965e+04	5.290e+04	3.759e+04	-1.359e+04
		103	3.78	13.79	-41.14	-40.08	12.73	7.57	6.262e+04	3.094e+04	5.357e+04	3.999e+04	-1.431e+04
34	11	57	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.55	-644.36
		58	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
		104	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	812.14	-7997.92	579.94
		103	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	567.42	-9221.55	644.38
35	1	58	21.12	101.58	-264.12	-258.44	95.91	45.19	3.106e+05	1.836e+05	2.365e+05	2.577e+05	-6.260e+04
		59	20.14	100.35	-264.32	-258.63	94.66	45.19	2.948e+05	1.749e+05	2.335e+05	2.363e+05	-5.993e+04
		105	22.65	100.64	-262.95	-257.25	94.94	45.19	3.331e+05	1.667e+05	2.585e+05	2.413e+05	-8.275e+04
		104	23.81	101.91	-262.62	-256.93	96.22	45.19	3.514e+05	1.760e+05	2.641e+05	2.633e+05	-8.770e+04
35	5	58	14.07	67.72	-176.08	-172.30	63.94	30.12	2.068e+05	1.222e+05	1.580e+05	1.710e+05	-4.181e+04
		59	13.42	66.90	-176.21	-172.42	63.11	30.12	1.965e+05	1.164e+05	1.560e+05	1.569e+05	-4.002e+04
		105	15.09	67.09	-175.30	-171.50	63.29	30.12	2.219e+05	1.110e+05	1.727e+05	1.602e+05	-5.510e+04
		104	15.85	67.94	-175.08	-171.28	64.14	30.12	2.340e+05	1.172e+05	1.764e+05	1.747e+05	-5.839e+04
35	8	58	2.78	13.54	-35.22	-34.46	12.79	6.02	4.061e+04	2.236e+04	3.377e+04	2.920e+04	-8832.99
		59	2.70	13.38	-35.24	-34.48	12.62	6.02	3.936e+04	2.135e+04	3.352e+04	2.719e+04	-8432.93
		105	3.01	13.42	-35.06	-34.30	12.66	6.02	4.387e+04	2.085e+04	3.687e+04	2.785e+04	-1.059e+04
		104	3.11	13.59	-35.02	-34.26	12.83	6.02	4.551e+04	2.187e+04	3.745e+04	2.994e+04	-1.121e+04
35	11	58	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.07
		59	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		105	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		104	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	2708.75	-6240.14	589.07
36	1	59	16.30	96.95	-225.76	-221.61	92.80	36.35	2.129e+05	1.136e+05	1.418e+05	1.847e+05	-4.475e+04
		60	15.27	94.63	-226.13	-221.95	90.46	36.35	1.982e+05	1.085e+05	1.393e+05	1.674e+05	-4.260e+04
		106	17.78	95.23	-223.32	-219.11	91.03	36.35	2.298e+05	1.036e+05	1.616e+05	1.718e+05	-6.287e+04
		105	18.93	97.60	-222.69	-218.51	93.42	36.35	2.457e+05	1.099e+05	1.661e+05	1.895e+05	-6.686e+04
36	5	59	10.86	64.63	-150.50	-147.74	61.87	24.24	1.417e+05	7.589e+04	9.504e+04	1.226e+05	-2.990e+04
		60	10.19	63.09	-150.75	-147.97	60.31	24.24	1.321e+05	7.246e+04	9.341e+04	1.111e+05	-2.846e+04
		106	11.85	63.49	-148.88	-146.07	60.69	24.24	1.531e+05	6.922e+04	1.082e+05	1.141e+05	-4.185e+04
		105	12.61	65.07	-148.46	-145.67	62.28	24.24	1.636e+05	7.341e+04	1.112e+05	1.258e+05	-4.451e+04
36	8	59	2.18	12.93	-30.10	-29.55	12.37	4.85	2.802e+04	1.522e+04	2.196e+04	2.127e+04	-6388.51
		60	2.10	12.62	-30.15	-29.59	12.06	4.85	2.686e+04	1.454e+04	2.176e+04	1.963e+04	-6066.58
		106	2.40	12.70	-29.78	-29.21	12.14	4.85	3.079e+04	1.417e+04	2.473e+04	2.023e+04	-7996.04
		105	2.51	13.01	-29.69	-29.13	12.46	4.85	3.221e+04	1.491e+04	2.520e+04	2.192e+04	-8493.38
36	11	59	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		60	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
		106	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		105	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.93
37	1	60	12.66	90.89	-193.05	-189.92	87.77	29.64	1.433e+05	6.251e+04	7.737e+04	1.285e+05	-3.130e+04
		61	11.48	88.26	-193.47	-190.31	85.10	29.64	1.308e+05	5.957e+04	7.542e+04	1.149e+05	-2.961e+04
		107	13.84	88.99	-189.97	-186.79	85.81	29.64	1.551e+05	5.808e+04	9.441e+04	1.187e+05	-4.694e+04
		106	14.95	91.69	-189.27	-186.10	88.53	29.64	1.682e+05	6.229e+04	9.794e+04	1.326e+05	-5.007e+04
37	5	60	8.42	60.60	-128.70	-126.61	58.51	19.76	9.542e+04	4.200e+04	5.211e+04	8.532e+04	-2.092e+04
		61	7.65	58.84	-128.98	-126.87	56.74	19.76	8.715e+04	4.004e+04	5.082e+04	7.637e+04	-1.980e+04
		107	9.23	59.33	-126.65	-124.53	57.21	19.76	1.034e+05	3.902e+04	6.349e+04	7.890e+04	-3.124e+04
		106	9.96	61.13	-126.18	-124.07	59.02	19.76	1.121e+05	4.182e+04	6.583e+04	8.806e+04	-3.332e+04
37	8	60	1.68	12.12	-25.74	-25.32	11.70	3.95	1.893e+04	9764.32	1.360e+04	1.510e+04	-4522.94
		61	1.60	11.77	-25.80	-25.37	11.35	3.95	1.790e+04	9346.78	1.344e+04	1.380e+04	-4271.65
		107	1.90	11.87	-25.33	-24.91	11.44	3.95	2.114e+04	9148.09	1.598e+04	1.431e+04	-5935.48
		106	2.00	12.23	-25.24	-24.81	11.80	3.95	2.233e+04	9659.93	1.634e+04	1.565e+04	-6325.43
37	11	60	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		61	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94

		107	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		106	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.51
38	1	61	10.14	84.25	-164.40	-162.01	81.86	24.29	9.390e+04	2.662e+04	3.411e+04	8.641e+04	-2.116e+04
		62	9.01	81.65	-164.81	-162.39	79.24	24.29	8.377e+04	2.490e+04	3.262e+04	7.605e+04	-1.987e+04
		108	10.72	82.44	-161.08	-158.64	79.99	24.29	1.013e+05	2.622e+04	4.832e+04	7.919e+04	-3.422e+04
		107	11.87	85.09	-160.39	-157.96	82.67	24.29	1.118e+05	2.898e+04	5.102e+04	8.979e+04	-3.661e+04
38	5	61	6.74	56.17	-109.60	-108.01	54.57	16.19	6.252e+04	1.815e+04	2.325e+04	5.742e+04	-1.415e+04
		62	5.99	54.44	-109.87	-108.26	52.82	16.19	5.584e+04	1.700e+04	2.226e+04	5.058e+04	-1.329e+04
		108	7.13	54.96	-107.39	-105.76	53.33	16.19	6.756e+04	1.785e+04	3.273e+04	5.268e+04	-2.277e+04
		107	7.89	56.73	-106.93	-105.31	55.11	16.19	7.452e+04	1.969e+04	3.452e+04	5.968e+04	-2.436e+04
38	8	61	1.27	11.23	-21.92	-21.60	10.91	3.24	1.242e+04	5654.90	7683.90	1.040e+04	-3101.56
		62	1.19	10.89	-21.97	-21.65	10.56	3.24	1.153e+04	5426.82	7561.12	9395.48	-2910.38
		108	1.47	10.99	-21.48	-21.15	10.67	3.24	1.404e+04	5431.75	9655.29	9814.32	-4302.32
		107	1.57	11.35	-21.39	-21.06	11.02	3.24	1.502e+04	5770.18	9939.16	1.085e+04	-4600.58
38	11	61	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		62	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	-315.18
		108	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		107	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
39	1	62	8.52	77.51	-138.53	-136.69	75.67	19.84	5.949e+04	3123.09	6619.34	5.599e+04	-1.360e+04
		63	7.51	75.13	-138.90	-137.04	73.27	19.84	5.177e+04	2055.69	5513.05	4.832e+04	-1.265e+04
		109	8.66	75.89	-135.22	-133.34	74.01	19.84	6.357e+04	5277.76	1.803e+04	5.082e+04	-2.410e+04
		108	9.69	78.33	-134.59	-132.72	76.46	19.84	7.164e+04	7066.37	2.003e+04	5.868e+04	-2.587e+04
39	5	62	5.64	51.67	-92.35	-91.13	50.45	13.23	3.962e+04	2473.99	4855.14	3.724e+04	-9098.86
		63	4.98	50.08	-92.60	-91.36	48.85	13.23	3.453e+04	1769.91	4126.44	3.217e+04	-8463.76
		109	5.75	50.60	-90.15	-88.89	49.34	13.23	4.242e+04	3887.49	1.247e+04	3.384e+04	-1.603e+04
		108	6.43	52.22	-89.73	-88.48	50.98	13.23	4.775e+04	5073.94	1.380e+04	3.903e+04	-1.721e+04
39	8	62	0.99	10.33	-18.47	-18.23	10.09	2.65	7887.45	2656.13	3620.86	6922.72	-2028.81
		63	0.89	10.02	-18.52	-18.27	9.77	2.65	7155.16	2545.45	3528.04	6172.56	-1887.86
		109	1.11	10.12	-18.03	-17.78	9.87	2.65	8933.51	2769.72	5196.89	6506.33	-3011.55
		108	1.20	10.44	-17.95	-17.70	10.20	2.65	9710.08	2979.16	5408.91	7280.33	-3232.77
39	11	62	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		63	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.05	-322.85	-243.95
		109	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.94
		108	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
40	1	63	7.60	70.61	-116.31	-114.89	69.19	16.25	3.592e+04	-1.054e+04	-8989.39	3.437e+04	-8357.61
		64	6.78	68.52	-116.64	-115.20	67.08	16.25	3.025e+04	-1.126e+04	-9795.68	2.878e+04	-7668.61
		110	7.32	69.24	-113.17	-111.71	67.78	16.25	3.797e+04	-7301.12	-51.85	3.073e+04	-1.660e+04
		109	8.19	71.38	-112.61	-111.16	69.94	16.25	4.396e+04	-6114.15	1404.02	3.645e+04	-1.789e+04
40	5	63	5.03	47.08	-77.54	-76.59	46.13	10.83	2.394e+04	-6687.39	-5627.73	2.288e+04	-5597.69
		64	4.48	45.68	-77.76	-76.80	44.72	10.83	2.019e+04	-7160.58	-6159.09	1.919e+04	-5136.74
		110	4.85	46.16	-75.44	-74.47	45.19	10.83	2.536e+04	-4537.86	336.79	2.049e+04	-1.104e+04
		109	5.43	47.59	-75.07	-74.11	46.62	10.83	2.932e+04	-3752.01	1301.22	2.427e+04	-1.190e+04
40	8	63	0.80	9.42	-15.51	-15.32	9.23	2.17	4831.51	631.51	1063.03	4399.99	-1275.22
		64	0.71	9.14	-15.55	-15.36	8.94	2.17	4266.20	573.04	993.71	3845.53	-1173.30
		110	0.85	9.23	-15.09	-14.89	9.04	2.17	5452.34	945.91	2292.89	4105.36	-2062.94
		109	0.94	9.52	-15.01	-14.82	9.32	2.17	6050.61	1075.36	2448.82	4677.15	-2224.17
40	11	63	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.64
		64	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		110	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		109	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.64
41	1	64	7.17	63.89	-96.06	-94.97	62.81	13.15	2.045e+04	-1.679e+04	-1.618e+04	1.984e+04	-4732.59
		65	6.56	62.10	-96.33	-95.23	61.00	13.15	1.646e+04	-1.729e+04	-1.674e+04	1.592e+04	-4251.64
		111	6.55	62.76	-93.17	-92.06	61.64	13.15	2.126e+04	-1.336e+04	-9478.55	1.737e+04	-1.093e+04
		110	7.22	64.59	-92.70	-91.59	63.48	13.15	2.550e+04	-1.258e+04	-8459.21	2.138e+04	-1.183e+04
41	5	64	4.73	42.60	-64.04	-63.31	41.87	8.76	1.364e+04	-1.092e+04	-1.050e+04	1.323e+04	-3173.43
		65	4.33	41.40	-64.22	-63.49	40.67	8.76	1.101e+04	-1.125e+04	-1.088e+04	1.064e+04	-2851.72
		111	4.33	41.84	-62.11	-61.37	41.09	8.76	1.421e+04	-8643.25	-6034.20	1.160e+04	-7268.05
		110	4.78	43.06	-61.80	-61.06	42.32	8.76	1.702e+04	-8123.54	-5358.75	1.425e+04	-7865.78
41	8	64	0.71	8.52	-12.81	-12.66	8.37	1.75	2824.72	-589.17	-418.07	2653.62	-744.88
		65	0.64	8.28	-12.84	-12.70	8.13	1.75	2416.15	-625.55	-468.01	2258.62	-674.06
		111	0.69	8.37	-12.42	-12.27	8.22	1.75	3142.08	-189.42	500.36	2452.29	-1349.89
		110	0.77	8.61	-12.36	-12.21	8.46	1.75	3580.18	-109.95	610.84	2859.40	-1462.96
41	11	64	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	2105.44	12.63	-137.76
		65	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		111	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		110	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
42	1	65	6.93	57.19	-78.56	-77.73	56.36	10.58	1.057e+04	-1.812e+04	-1.791e+04	1.036e+04	-2438.72
		66	6.49	55.70	-78.79	-77.95	54.86	10.58	7861.92	-1.846e+04	-1.829e+04	7691.28	-2112.54
		112	6.13	56.28	-75.99	-75.14	55.42	10.58	1.076e+04	-1.508e+04	-1.305e+04	8739.33	-6943.84
		111	6.61	57.80	-75.59	-74.75	56.96	10.58	1.366e+04	-1.455e+04	-1.236e+04	1.147e+04	-7554.22
42	5	65	4.58	38.13	-52.37	-51.82	37.58	7.05	7064.44	-1.188e+04	-1.173e+04	6921.66	-1638.25
		66	4.29	37.13	-52.52	-51.97	36.57	7.05	5273.27	-1.210e+04	-1.199e+04	5156.44	-1420.11
		112	4.04	37.52	-50.66	-50.09	36.95	7.05	7212.61	-9851.34	-8493.86	5855.13	-4617.48
		111	4.37	38.54	-50.40	-49.83	37.97	7.05	9131.69	-9504.20	-8033.96	7661.45	-5023.70
42	8	65	0.67	7.63	-10.47	-10.36	7.52	1.41	1538.83	-1179.94	-1119.05	1477.94	-402.29
		66	0.62	7.43	-10.50	-10.39	7.31	1.41	1255.79	-1206.33	-1154.18	1203.64	-354.52
		112	0.60	7.50	-10.13	-10.02	7.39	1.41	1683.54	-795.64	-455.48	1343.38	-853.00

		111	0.67	7.71	-10.08	-9.97	7.59	1.41	1990.89	-744.24	-379.25	1625.90	-930.10
42	11	65	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		66	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		112	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		111	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
43	1	66	6.66	50.63	-62.93	-62.31	50.01	8.36	4708.89	-1.626e+04	-1.621e+04	4654.66	-1065.06
		67	6.36	49.41	-63.12	-62.49	48.79	8.36	2956.47	-1.649e+04	-1.646e+04	2918.92	-853.87
		113	5.80	49.91	-60.70	-60.07	49.27	8.36	4638.17	-1.386e+04	-1.286e+04	3638.48	-4182.38
		112	6.14	51.15	-60.38	-59.75	50.52	8.36	6521.56	-1.352e+04	-1.241e+04	5414.20	-4578.48
43	5	66	4.40	33.75	-41.96	-41.54	33.34	5.57	3159.45	-1.070e+04	-1.067e+04	3122.17	-717.94
		67	4.20	32.94	-42.08	-41.66	32.52	5.57	1998.83	-1.086e+04	-1.083e+04	1972.91	-576.73
		113	3.83	33.27	-40.47	-40.04	32.85	5.57	3121.86	-9101.64	-8432.39	2452.61	-2780.77
		112	4.06	34.10	-40.25	-39.83	33.68	5.57	4369.83	-8874.55	-8133.25	3628.53	-3044.42
43	8	66	0.66	6.75	-8.39	-8.31	6.67	1.11	755.82	-1316.90	-1299.15	738.06	-191.00
		67	0.62	6.59	-8.42	-8.33	6.50	1.11	569.17	-1336.42	-1322.85	555.59	-160.26
		113	0.56	6.65	-8.09	-8.01	6.57	1.11	809.67	-1001.28	-843.14	651.54	-511.24
		112	0.61	6.82	-8.05	-7.97	6.74	1.11	1013.83	-967.29	-792.79	839.34	-561.47
43	11	66	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		67	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		113	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		112	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
44	1	67	6.15	44.29	-48.50	-48.06	43.85	6.37	1653.19	-1.250e+04	-1.249e+04	1645.51	-329.49
		68	5.95	43.32	-48.65	-48.20	42.88	6.37	601.72	-1.265e+04	-1.265e+04	598.61	-202.88
		114	5.34	43.74	-46.63	-46.18	43.29	6.37	1508.87	-1.082e+04	-1.036e+04	1054.81	-2321.87
		113	5.56	44.72	-46.38	-45.93	44.27	6.37	2640.42	-1.061e+04	-1.009e+04	2125.72	-2560.01
44	5	67	4.07	29.52	-32.33	-32.04	29.23	4.25	1118.59	-8249.39	-8244.02	1113.22	-224.19
		68	3.93	28.88	-32.43	-32.13	28.59	4.25	421.81	-8346.55	-8344.33	419.59	-139.55
		114	3.53	29.16	-31.09	-30.78	28.86	4.25	1027.22	-7127.16	-6823.66	723.72	-1543.61
		113	3.68	29.81	-30.92	-30.62	29.52	4.25	1777.42	-6987.39	-6643.32	1433.36	-1702.14
44	8	67	0.63	5.90	-6.47	-6.41	5.85	0.85	322.98	-1142.65	-1139.10	319.43	-72.02
		68	0.61	5.78	-6.49	-6.43	5.72	0.85	208.63	-1156.12	-1154.00	206.51	-53.73
		114	0.54	5.83	-6.22	-6.16	5.77	0.85	334.89	-917.42	-849.87	267.34	-282.90
		113	0.57	5.96	-6.18	-6.12	5.90	0.85	460.17	-895.67	-818.96	383.46	-313.25
44	11	67	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		68	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		114	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		113	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
45	1	68	5.41	38.01	-35.90	-35.60	37.71	4.68	248.90	-8457.57	-8457.55	248.88	-13.13
		69	5.28	37.27	-36.01	-35.71	36.97	4.68	-334.11	-8542.67	-8542.27	-334.51	56.93
		115	4.71	37.60	-34.38	-34.08	37.30	4.68	123.55	-7402.64	-7210.87	-68.22	-1185.96
		114	4.85	38.36	-34.19	-33.89	38.05	4.68	750.94	-7282.04	-7059.58	528.48	-1318.16
45	5	68	3.58	25.34	-23.93	-23.73	25.14	3.12	177.31	-5591.86	-5591.84	177.29	-11.07
		69	3.49	24.85	-24.01	-23.81	24.65	3.12	-209.31	-5648.14	-5647.90	-209.54	35.75
		115	3.12	25.07	-22.92	-22.72	24.87	3.12	95.99	-4888.31	-4760.30	-32.02	-788.44
		114	3.21	25.57	-22.79	-22.59	25.37	3.12	512.21	-4808.38	-4659.86	363.69	-876.46
45	8	68	0.58	5.07	-4.79	-4.75	5.03	0.62	103.68	-839.61	-839.33	103.41	-16.11
		69	0.56	4.97	-4.80	-4.76	4.93	0.62	38.65	-848.07	-848.03	38.60	-6.08
		115	0.49	5.01	-4.58	-4.54	4.97	0.62	101.15	-697.55	-670.51	74.11	-144.45
		114	0.51	5.11	-4.56	-4.52	5.07	0.62	172.25	-684.50	-652.94	140.69	-161.40
45	11	68	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		69	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
		115	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		114	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
46	1	69	4.31	31.88	-24.43	-24.25	31.70	3.16	-161.10	-4718.63	-4717.60	-162.14	68.58
		70	4.22	31.34	-24.51	-24.33	31.16	3.16	-439.08	-4760.67	-4758.27	-441.48	101.82
		116	3.77	31.59	-23.26	-23.08	31.41	3.16	-237.50	-4164.11	-4093.16	-308.45	-523.02
		115	3.86	32.14	-23.12	-22.94	31.96	3.16	61.35	-4104.95	-4020.83	-22.78	-586.02
46	5	69	2.86	21.25	-16.28	-16.17	21.13	2.11	-100.96	-3124.95	-3124.29	-101.62	44.78
		70	2.80	20.89	-16.34	-16.22	20.77	2.11	-285.47	-3152.80	-3151.24	-287.04	66.98
		116	2.50	21.06	-15.51	-15.39	20.94	2.11	-151.05	-2755.14	-2707.84	-198.35	-347.78
		115	2.56	21.43	-15.42	-15.30	21.31	2.11	47.39	-2715.88	-2659.77	-8.72	-389.73
46	8	69	0.49	4.25	-3.26	-3.23	4.23	0.42	18.37	-500.22	-500.20	18.35	3.30
		70	0.47	4.18	-3.27	-3.24	4.15	0.42	-13.72	-504.74	-504.61	-13.85	7.99
		116	0.42	4.21	-3.10	-3.08	4.19	0.42	13.47	-425.52	-415.93	3.89	-64.15
		115	0.43	4.29	-3.08	-3.06	4.26	0.42	48.39	-418.77	-407.30	36.93	-72.29
46	11	69	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		70	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		116	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		115	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
47	1	70	2.84	25.86	-14.04	-13.96	25.78	1.80	-128.15	-1920.09	-1918.95	-129.29	45.25
		71	2.79	25.50	-14.09	-14.01	25.42	1.80	-229.52	-1935.80	-1933.87	-231.44	57.24
		117	2.50	25.67	-13.22	-13.14	25.59	1.80	-159.18	-1703.29	-1681.50	-180.97	-182.11
		116	2.55	26.04	-13.13	-13.04	25.96	1.80	-50.34	-1681.29	-1655.11	-76.52	-204.98
47	5	70	1.89	17.24	-9.36	-9.30	17.18	1.20	-82.62	-1273.63	-1272.88	-83.37	29.93
		71	1.85	17.00	-9.39	-9.34	16.94	1.20	-150.00	-1284.06	-1282.79	-151.27	37.93
		117	1.66	17.12	-8.81	-8.76	17.06	1.20	-103.11	-1129.06	-1114.54	-117.62	-121.18
		116	1.70	17.36	-8.75	-8.70	17.31	1.20	-30.74	-1114.43	-1096.98	-48.19	-136.41

47	8	70	0.34	3.45	-1.87	-1.86	3.44	0.24	0.31	-216.10	-216.00	0.22	4.56
		71	0.33	3.40	-1.88	-1.87	3.39	0.24	-12.00	-217.94	-217.75	-12.19	6.22
		117	0.30	3.42	-1.76	-1.75	3.41	0.24	-2.58	-186.98	-184.10	-5.46	-22.87
		116	0.30	3.47	-1.75	-1.74	3.46	0.24	10.74	-184.31	-180.82	7.25	-25.86
47	11	70	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		71	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		117	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		116	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
48	1	71	1.28	19.97	-4.58	-4.57	19.96	0.57	-17.67	-404.83	-404.58	-17.92	9.86
		26	1.25	19.77	-4.61	-4.60	19.75	0.57	-38.39	-408.06	-407.65	-38.80	12.25
		27	1.14	19.87	-4.09	-4.08	19.86	0.57	-23.64	-359.26	-354.69	-28.20	-38.89
		117	1.17	20.08	-4.04	-4.02	20.07	0.57	-1.43	-354.75	-349.32	-6.86	-43.50
48	5	71	0.85	13.31	-3.05	-3.05	13.31	0.38	-10.90	-268.97	-268.80	-11.06	6.57
		26	0.83	13.18	-3.07	-3.07	13.17	0.38	-24.71	-271.12	-270.85	-24.98	8.16
		27	0.76	13.25	-2.73	-2.72	13.24	0.38	-14.87	-238.59	-235.54	-17.92	-25.92
		117	0.78	13.39	-2.69	-2.68	13.38	0.38	-0.07	-235.59	-231.96	-3.69	-29.00
48	8	71	0.17	2.66	-0.61	-0.61	2.66	0.08	3.09	-48.29	-48.25	3.06	1.30
		26	0.16	2.64	-0.61	-0.61	2.63	0.08	0.34	-48.71	-48.66	0.28	1.62
		27	0.15	2.65	-0.55	-0.54	2.65	0.08	2.31	-42.21	-41.60	1.70	-5.17
		117	0.15	2.68	-0.54	-0.54	2.68	0.08	5.25	-41.61	-40.89	4.53	-5.78
48	11	71	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		26	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		27	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		117	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
49	1	1	7.57	9.04	4.38	7.69	5.73	-2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	-6.704e+04
		97	7.57	9.04	4.38	7.69	5.73	-2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	-6.704e+04
		120	7.57	9.04	4.38	7.69	5.73	-2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	-6.704e+04
49	5	1	4.94	6.02	2.92	5.12	3.82	-1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	-4.469e+04
		97	4.94	6.02	2.92	5.12	3.82	-1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	-4.469e+04
		120	4.94	6.02	2.92	5.12	3.82	-1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	-4.469e+04
49	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		97	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		120	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
49	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		97	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		120	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
50	1	97	18.77	20.06	8.31	19.53	8.84	-2.45	5.519e+05	1.309e+05	5.365e+05	1.463e+05	-7.908e+04
		98	19.55	20.99	13.45	20.08	14.36	-2.45	5.981e+05	2.504e+05	5.517e+05	2.969e+05	-1.183e+05
		121	17.98	19.78	13.03	18.72	14.08	-2.45	5.516e+05	2.521e+05	5.143e+05	2.894e+05	-9.885e+04
		120	15.96	17.67	7.70	17.03	8.34	-2.45	4.735e+05	1.271e+05	4.680e+05	1.326e+05	-4.347e+04
50	5	97	12.40	13.38	5.54	13.02	5.90	-1.63	3.634e+05	8.276e+04	3.531e+05	9.304e+04	-5.271e+04
		98	12.90	13.99	8.97	13.39	9.57	-1.63	3.942e+05	1.624e+05	3.632e+05	1.934e+05	-7.885e+04
		121	11.84	13.18	8.68	12.48	9.39	-1.63	3.631e+05	1.635e+05	3.383e+05	1.884e+05	-6.591e+04
		120	10.52	11.78	5.13	11.35	5.56	-1.63	3.111e+05	8.021e+04	3.074e+05	8.391e+04	-2.898e+04
50	8	97	1.93	2.68	1.11	2.60	1.18	-0.33	4.525e+04	-1.045e+04	4.319e+04	-8392.32	-1.051e+04
		98	1.84	2.80	1.79	2.68	1.91	-0.33	5.137e+04	5216.23	4.516e+04	1.143e+04	-1.575e+04
		121	1.61	2.64	1.74	2.50	1.88	-0.33	4.519e+04	5423.16	4.018e+04	1.043e+04	-1.320e+04
		120	1.56	2.36	1.03	2.27	1.11	-0.33	3.481e+04	-1.097e+04	3.405e+04	-1.022e+04	-5825.34
50	11	97	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		98	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		121	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		120	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
51	1	98	30.13	32.02	15.37	30.91	16.49	-4.17	9.114e+05	3.163e+05	8.692e+05	3.585e+05	-1.527e+05
		99	31.18	32.94	20.04	31.42	21.56	-4.17	9.549e+05	4.109e+05	8.818e+05	4.840e+05	-1.855e+05
		122	28.78	30.89	19.33	29.12	21.10	-4.17	8.837e+05	4.135e+05	8.246e+05	4.725e+05	-1.558e+05
		121	26.63	28.89	14.49	27.56	15.82	-4.17	8.116e+05	3.163e+05	7.860e+05	3.419e+05	-1.096e+05
51	5	98	19.95	21.35	10.25	20.60	10.99	-2.78	6.029e+05	2.063e+05	5.747e+05	2.344e+05	-1.018e+05
		99	20.64	21.96	13.36	20.95	14.37	-2.78	6.319e+05	2.693e+05	5.831e+05	3.180e+05	-1.236e+05
		122	19.04	20.59	12.89	19.41	14.07	-2.78	5.844e+05	2.710e+05	5.450e+05	3.104e+05	-1.039e+05
		121	17.61	19.26	9.66	18.37	10.55	-2.78	5.364e+05	2.063e+05	5.193e+05	2.234e+05	-7.306e+04
51	8	98	3.24	4.27	2.05	4.12	2.20	-0.56	9.224e+04	1.379e+04	8.658e+04	1.946e+04	-2.030e+04
		99	3.31	4.39	2.67	4.19	2.87	-0.56	9.798e+04	2.600e+04	8.818e+04	3.580e+04	-2.469e+04
		122	2.96	4.12	2.58	3.88	2.81	-0.56	8.854e+04	2.629e+04	8.056e+04	3.428e+04	-2.082e+04
		121	2.75	3.85	1.93	3.67	2.11	-0.56	7.897e+04	1.375e+04	7.549e+04	1.724e+04	-1.467e+04
51	11	98	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		99	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		122	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17
		121	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
52	1	99	42.43	44.14	22.18	42.54	23.79	-5.72	1.292e+06	4.917e+05	1.229e+06	5.538e+05	-2.140e+05
		100	43.62	45.07	26.85	43.05	28.87	-5.72	1.337e+06	5.901e+05	1.243e+06	6.846e+05	-2.482e+05
		123	40.02	42.06	25.84	39.70	28.20	-5.72	1.229e+06	5.937e+05	1.156e+06	6.672e+05	-2.032e+05
		122	37.70	40.05	21.00	38.14	22.91	-5.72	1.154e+06	4.924e+05	1.116e+06	5.310e+05	-1.550e+05
52	5	99	28.14	29.43	14.79	28.36	15.86	-3.81	8.561e+05	3.231e+05	8.147e+05	3.645e+05	-1.427e+05
		100	28.92	30.05	17.90	28.70	19.24	-3.81	8.864e+05	3.887e+05	8.234e+05	4.516e+05	-1.655e+05
		123	26.52	28.04	17.23	26.47	18.80	-3.81	8.146e+05	3.910e+05	7.655e+05	4.400e+05	-1.355e+05
		122	24.98	26.70	14.00	25.43	15.27	-3.81	7.644e+05	3.236e+05	7.387e+05	3.493e+05	-1.033e+05
52	8	99	4.79	5.89	2.96	5.67	3.17	-0.76	1.416e+05	3.649e+04	1.332e+05	4.484e+04	-2.842e+04

		100	4.89	6.01	3.58	5.74	3.85	-0.76	1.476e+05	4.907e+04	1.349e+05	6.177e+04	-3.301e+04
		123	4.39	5.61	3.45	5.29	3.76	-0.76	1.333e+05	4.945e+04	1.233e+05	5.946e+04	-2.718e+04
		122	4.13	5.34	2.80	5.09	3.05	-0.76	1.233e+05	3.651e+04	1.180e+05	4.180e+04	-2.077e+04
52	11	99	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	135.75
		100	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	103.43
		123	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	-103.43
		122	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	-135.75
53	1	100	55.30	56.33	29.04	54.26	31.11	-7.23	1.688e+06	6.792e+05	1.609e+06	7.583e+05	-2.711e+05
		95	56.61	57.26	33.75	54.77	36.23	-7.23	1.737e+06	7.858e+05	1.623e+06	8.990e+05	-3.080e+05
		118	51.58	53.25	32.43	50.34	35.35	-7.23	1.585e+06	7.904e+05	1.501e+06	8.745e+05	-2.444e+05
		123	49.06	51.23	27.55	48.76	30.01	-7.23	1.505e+06	6.802e+05	1.457e+06	7.279e+05	-1.925e+05
53	5	100	36.71	37.55	19.36	36.17	20.74	-4.82	1.120e+06	4.480e+05	1.068e+06	5.007e+05	-1.807e+05
		95	37.57	38.17	22.50	36.52	24.16	-4.82	1.153e+06	5.189e+05	1.077e+06	5.944e+05	-2.053e+05
		118	34.22	35.50	21.62	33.56	23.56	-4.82	1.051e+06	5.219e+05	9.952e+05	5.781e+05	-1.630e+05
		123	32.54	34.15	18.37	32.51	20.01	-4.82	9.982e+05	4.486e+05	9.663e+05	4.805e+05	-1.283e+05
53	8	100	6.42	7.51	3.87	7.23	4.15	-0.96	1.928e+05	6.061e+04	1.821e+05	7.126e+04	-3.598e+04
		95	6.55	7.63	4.50	7.30	4.83	-0.96	1.991e+05	7.413e+04	1.839e+05	8.939e+04	-4.092e+04
		118	5.86	7.10	4.32	6.71	4.71	-0.96	1.790e+05	7.459e+04	1.675e+05	8.612e+04	-3.273e+04
		123	5.56	6.83	3.67	6.50	4.00	-0.96	1.684e+05	6.062e+04	1.618e+05	6.721e+04	-2.584e+04
53	11	100	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	209.66
		95	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	169.35
		118	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	-169.34
		123	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	-209.66
54	1	95	54.46	133.50	-544.92	-365.40	-46.01	299.27	1.638e+06	7.498e+05	1.514e+06	8.742e+05	-3.083e+05
		96	55.25	194.01	-519.93	-357.56	31.63	299.27	1.665e+06	7.926e+05	1.520e+06	9.374e+05	-3.245e+05
		119	51.95	155.86	-606.67	-461.63	10.82	299.27	1.559e+06	7.975e+05	1.436e+06	9.206e+05	-2.804e+05
		118	50.65	86.54	-642.05	-485.49	-70.03	299.27	1.517e+06	7.548e+05	1.417e+06	8.549e+05	-2.574e+05
54	5	95	36.17	89.00	-363.28	-243.60	-30.68	199.51	1.088e+06	4.952e+05	1.005e+06	5.781e+05	-2.055e+05
		96	36.69	129.34	-346.62	-238.37	21.09	199.51	1.105e+06	5.238e+05	1.009e+06	6.202e+05	-2.163e+05
		119	34.49	103.91	-404.45	-307.75	7.21	199.51	1.035e+06	5.271e+05	9.531e+05	6.090e+05	-1.869e+05
		118	33.62	57.69	-428.04	-323.66	-46.69	199.51	1.007e+06	4.985e+05	9.402e+05	5.652e+05	-1.716e+05
54	8	95	6.44	17.80	-72.66	-48.72	-6.14	39.90	1.909e+05	7.077e+04	1.745e+05	8.717e+04	-4.124e+04
		96	6.53	25.87	-69.32	-47.67	4.22	39.90	1.945e+05	7.683e+04	1.754e+05	9.593e+04	-4.338e+04
		119	6.06	20.78	-80.89	-61.55	1.44	39.90	1.803e+05	7.765e+04	1.642e+05	9.369e+04	-3.727e+04
		118	5.90	11.54	-85.61	-64.73	-9.34	39.90	1.746e+05	7.160e+04	1.616e+05	8.459e+04	-3.418e+04
54	11	95	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.31
		96	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.53
		119	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.54
		118	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.32
55	1	96	52.05	114.09	-457.45	-361.11	17.75	213.96	1.192e+06	4.910e+05	1.049e+06	6.336e+05	-2.822e+05
		101	52.24	151.87	-446.68	-356.65	61.84	213.96	1.198e+06	4.982e+05	1.051e+06	6.453e+05	-2.850e+05
		124	51.57	134.78	-495.05	-411.21	50.93	213.96	1.180e+06	4.994e+05	1.037e+06	6.426e+05	-2.774e+05
		119	51.27	93.38	-513.11	-424.75	5.02	213.96	1.172e+06	4.923e+05	1.034e+06	6.304e+05	-2.734e+05
55	5	96	34.60	76.06	-304.96	-240.74	11.83	142.64	7.920e+05	3.243e+05	6.970e+05	4.193e+05	-1.882e+05
		101	34.72	101.24	-297.79	-237.77	41.23	142.64	7.958e+05	3.292e+05	6.978e+05	4.272e+05	-1.900e+05
		124	34.27	89.85	-330.04	-274.14	33.96	142.64	7.841e+05	3.300e+05	6.888e+05	4.254e+05	-1.849e+05
		119	34.07	62.25	-342.07	-283.17	3.35	142.64	7.784e+05	3.253e+05	6.865e+05	4.172e+05	-1.822e+05
55	8	96	6.32	15.21	-60.99	-48.15	2.37	28.53	1.422e+05	4.680e+04	1.236e+05	6.541e+04	-3.781e+04
		101	6.35	20.25	-59.56	-47.55	8.25	28.53	1.431e+05	4.822e+04	1.239e+05	6.747e+04	-3.815e+04
		124	6.24	17.97	-66.01	-54.83	6.79	28.53	1.406e+05	4.863e+04	1.221e+05	6.711e+04	-3.684e+04
		119	6.20	12.45	-68.41	-56.63	0.67	28.53	1.392e+05	4.727e+04	1.215e+05	6.499e+04	-3.627e+04
55	11	96	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		101	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
		124	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		119	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
56	1	101	41.77	113.35	-384.33	-330.73	59.75	154.28	8.619e+05	3.524e+05	7.022e+05	5.120e+05	-2.363e+05
		102	41.32	129.42	-380.86	-328.93	77.50	154.28	8.520e+05	3.454e+05	7.008e+05	4.966e+05	-2.318e+05
		125	42.86	122.29	-404.47	-354.55	72.37	154.28	8.815e+05	3.455e+05	7.256e+05	5.015e+05	-2.435e+05
		124	43.52	105.07	-411.18	-360.00	53.90	154.28	8.955e+05	3.527e+05	7.305e+05	5.177e+05	-2.497e+05
56	5	101	27.78	75.57	-256.22	-220.49	39.83	102.85	5.730e+05	2.328e+05	4.669e+05	3.390e+05	-1.576e+05
		102	27.49	86.28	-253.91	-219.29	51.66	102.85	5.665e+05	2.283e+05	4.660e+05	3.288e+05	-1.546e+05
		125	28.51	81.53	-269.64	-236.37	48.25	102.85	5.861e+05	2.285e+05	4.825e+05	3.321e+05	-1.622e+05
		124	28.94	70.05	-274.12	-240.00	35.93	102.85	5.953e+05	2.332e+05	4.857e+05	3.428e+05	-1.664e+05
56	8	101	5.21	15.11	-51.24	-44.10	7.97	20.57	1.054e+05	3.388e+04	8.570e+04	5.359e+04	-3.195e+04
		102	5.17	17.26	-50.78	-43.86	10.33	20.57	1.046e+05	3.374e+04	8.572e+04	5.258e+04	-3.129e+04
		125	5.34	16.31	-53.93	-47.27	9.65	20.57	1.079e+05	3.440e+04	8.902e+04	5.324e+04	-3.207e+04
		124	5.40	14.01	-54.82	-48.00	7.19	20.57	1.092e+05	3.466e+04	8.947e+04	5.434e+04	-3.284e+04
56	11	101	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	-537.94
		102	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	-470.70
		125	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.51	-1.648e+04	470.70
		124	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	537.94
57	1	102	33.69	110.32	-326.17	-292.75	76.91	116.05	6.220e+05	2.410e+05	4.667e+05	3.963e+05	-1.873e+05
		103	32.89	116.20	-325.10	-292.12	83.22	116.05	6.062e+05	2.330e+05	4.646e+05	3.746e+05	-1.811e+05
		126	35.51	113.51	-334.90	-302.52	81.14	116.05	6.517e+05	2.341e+05	5.035e+05	3.823e+05	-1.998e+05
		125	36.59	107.28	-337.17	-304.46	74.57	116.05	6.726e+05	2.428e+05	5.104e+05	4.051e+05	-2.084e+05
57	5	102	22.43	73.55	-217.45	-195.17	51.27	77.37	4.138e+05	1.593e+05	3.107e+05	2.625e+05	-1.249e+05
		103	21.90	77.47	-216.73	-194.74	55.48	77.37	4.034e+05	1.542e+05	3.094e+05	2.481e+05	-1.208e+05

		126	23.63	75.67	-223.27	-201.68	54.09	77.37	4.336e+05	1.550e+05	3.353e+05	2.533e+05	-1.331e+05
		125	24.35	71.52	-224.78	-202.98	49.71	77.37	4.474e+05	1.607e+05	3.398e+05	2.683e+05	-1.388e+05
57	8	102	4.30	14.71	-43.49	-39.03	10.25	15.47	7.774e+04	2.382e+04	5.953e+04	4.203e+04	-2.550e+04
		103	4.22	15.49	-43.35	-38.95	11.10	15.47	7.630e+04	2.345e+04	5.949e+04	4.026e+04	-2.462e+04
		126	4.53	15.13	-44.65	-40.34	10.82	15.47	8.164e+04	2.432e+04	6.467e+04	4.129e+04	-2.617e+04
		125	4.64	14.30	-44.96	-40.60	9.94	15.47	8.369e+04	2.487e+04	6.536e+04	4.320e+04	-2.725e+04
57	11	102	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.42
		103	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
		126	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.48
		125	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.41
58	1	103	27.29	104.97	-278.81	-256.21	82.37	90.35	4.467e+05	1.574e+05	3.063e+05	2.978e+05	-1.446e+05
		104	26.33	106.11	-278.63	-256.09	83.58	90.35	4.299e+05	1.512e+05	3.044e+05	2.768e+05	-1.387e+05
		127	29.42	105.56	-280.76	-258.33	83.13	90.35	4.776e+05	1.538e+05	3.463e+05	2.852e+05	-1.590e+05
		126	30.65	104.36	-281.18	-258.70	81.87	90.35	4.988e+05	1.612e+05	3.529e+05	3.071e+05	-1.672e+05
58	5	103	18.17	69.98	-185.87	-170.81	54.91	60.23	2.974e+05	1.042e+05	2.043e+05	1.973e+05	-9.650e+04
		104	17.54	70.74	-185.75	-170.72	55.72	60.23	2.863e+05	1.002e+05	2.030e+05	1.835e+05	-9.252e+04
		127	19.59	70.37	-187.17	-172.22	55.42	60.23	3.180e+05	1.020e+05	2.310e+05	1.891e+05	-1.059e+05
		126	20.41	69.57	-187.46	-172.47	54.58	60.23	3.319e+05	1.069e+05	2.353e+05	2.035e+05	-1.114e+05
58	8	103	3.56	14.00	-37.17	-34.16	10.98	12.05	5.703e+04	1.635e+04	4.130e+04	3.208e+04	-1.981e+04
		104	3.47	14.15	-37.15	-34.14	11.14	12.05	5.551e+04	1.602e+04	4.124e+04	3.029e+04	-1.897e+04
		127	3.83	14.07	-37.43	-34.44	11.08	12.05	6.123e+04	1.701e+04	4.683e+04	3.141e+04	-2.072e+04
		126	3.96	13.91	-37.49	-34.49	10.92	12.05	6.330e+04	1.753e+04	4.751e+04	3.332e+04	-2.176e+04
58	11	103	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	-644.37
		104	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
		127	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.94
		126	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.54	644.37
59	1	104	21.95	98.36	-238.59	-222.49	82.25	71.88	3.154e+05	9.628e+04	1.935e+05	2.182e+05	-1.089e+05
		105	20.93	97.34	-238.74	-222.59	81.19	71.88	2.999e+05	9.212e+04	1.918e+05	2.001e+05	-1.038e+05
		128	24.17	97.86	-236.63	-220.40	81.63	71.88	3.437e+05	9.618e+04	2.317e+05	2.081e+05	-1.232e+05
		127	25.42	98.93	-236.27	-220.07	82.73	71.88	3.625e+05	1.019e+05	2.374e+05	2.269e+05	-1.302e+05
59	5	104	14.63	65.57	-159.06	-148.32	54.83	47.92	2.101e+05	6.393e+04	1.294e+05	1.446e+05	-7.266e+04
		105	13.95	64.89	-159.16	-148.40	54.12	47.92	1.998e+05	6.121e+04	1.283e+05	1.327e+05	-6.926e+04
		128	16.11	65.24	-157.76	-146.93	54.42	47.92	2.289e+05	6.398e+04	1.549e+05	1.381e+05	-8.205e+04
		127	16.93	65.95	-157.51	-146.71	55.16	47.92	2.414e+05	6.772e+04	1.586e+05	1.505e+05	-8.673e+04
59	8	104	2.92	13.11	-31.81	-29.66	10.97	9.58	4.112e+04	1.084e+04	2.803e+04	2.392e+04	-1.500e+04
		105	2.82	12.98	-31.83	-29.68	10.82	9.58	3.972e+04	1.062e+04	2.798e+04	2.236e+04	-1.428e+04
		128	3.21	13.05	-31.55	-29.39	10.88	9.58	4.509e+04	1.163e+04	3.329e+04	2.343e+04	-1.598e+04
		127	3.33	13.19	-31.50	-29.34	11.03	9.58	4.693e+04	1.205e+04	3.388e+04	2.509e+04	-1.688e+04
59	11	104	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.13	-589.07
		105	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		128	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		127	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.07
60	1	105	17.44	91.29	-203.26	-191.43	79.46	57.83	2.170e+05	5.266e+04	1.136e+05	1.561e+05	-7.938e+04
		106	16.41	89.37	-203.54	-191.63	77.47	57.83	2.036e+05	5.018e+04	1.122e+05	1.415e+05	-7.527e+04
		129	19.55	90.43	-199.17	-187.12	78.37	57.83	2.406e+05	5.559e+04	1.476e+05	1.486e+05	-9.250e+04
		128	20.75	92.44	-198.49	-186.50	80.45	57.83	2.563e+05	5.964e+04	1.522e+05	1.638e+05	-9.817e+04
60	5	105	11.62	60.86	-135.51	-127.62	52.98	38.56	1.446e+05	3.515e+04	7.622e+04	1.035e+05	-5.299e+04
		106	10.95	59.58	-135.69	-127.76	51.65	38.56	1.357e+05	3.352e+04	7.533e+04	9.391e+04	-5.025e+04
		129	13.03	60.28	-132.78	-124.74	52.25	38.56	1.604e+05	3.717e+04	9.893e+04	9.862e+04	-6.161e+04
		128	13.82	61.63	-132.33	-124.34	53.63	38.56	1.708e+05	3.984e+04	1.020e+05	1.086e+05	-6.538e+04
60	8	105	2.35	12.17	-27.10	-25.52	10.60	7.71	2.884e+04	6816.97	1.820e+04	1.746e+04	-1.101e+04
		106	2.25	11.92	-27.14	-25.55	10.33	7.71	2.764e+04	6698.36	1.815e+04	1.619e+04	-1.042e+04
		129	2.63	12.06	-26.56	-24.95	10.45	7.71	3.229e+04	7711.06	2.287e+04	1.713e+04	-1.195e+04
		128	2.75	12.33	-26.47	-24.87	10.73	7.71	3.382e+04	8017.50	2.335e+04	1.849e+04	-1.267e+04
60	11	105	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.93
		106	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	-467.43
		129	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		128	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
61	1	106	13.82	84.03	-173.43	-164.49	75.09	47.15	1.457e+05	2.226e+04	5.964e+04	1.084e+05	-5.673e+04
		107	12.81	81.84	-173.73	-164.71	72.82	47.15	1.346e+05	2.090e+04	5.857e+04	9.696e+04	-5.352e+04
		130	15.70	83.12	-168.29	-159.11	73.94	47.15	1.645e+05	2.727e+04	8.879e+04	1.030e+05	-6.826e+04
		129	16.83	85.42	-167.53	-158.41	76.30	47.15	1.772e+05	3.008e+04	9.238e+04	1.149e+05	-7.269e+04
61	5	106	9.21	56.02	-115.62	-109.66	50.06	31.43	9.715e+04	1.506e+04	4.029e+04	7.192e+04	-3.788e+04
		107	8.54	54.56	-115.82	-109.81	48.55	31.43	8.982e+04	1.417e+04	3.959e+04	6.440e+04	-3.573e+04
		130	10.47	55.41	-112.19	-106.07	49.30	31.43	1.097e+05	1.842e+04	5.974e+04	6.842e+04	-4.545e+04
		129	11.21	56.95	-111.69	-105.61	50.87	31.43	1.181e+05	2.028e+04	6.211e+04	7.628e+04	-4.841e+04
61	8	106	1.87	11.20	-23.12	-21.93	10.01	6.29	1.976e+04	3890.50	1.124e+04	1.242e+04	-7914.55
		107	1.78	10.91	-23.16	-21.96	9.71	6.29	1.876e+04	3841.69	1.120e+04	1.141e+04	-7459.45
		130	2.14	11.08	-22.44	-21.21	9.86	6.29	2.263e+04	4813.17	1.523e+04	1.221e+04	-8777.75
		129	2.25	11.39	-22.34	-21.12	10.17	6.29	2.386e+04	5031.79	1.560e+04	1.329e+04	-9342.70
61	11	106	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	3981.23	-2452.59	-423.51
		107	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
		130	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		129	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
62	1	107	11.06	76.86	-147.47	-140.60	70.00	38.64	9.461e+04	1906.97	2.380e+04	7.272e+04	-3.938e+04
		108	10.02	74.69	-147.75	-140.82	67.77	38.64	8.573e+04	1250.78	2.298e+04	6.400e+04	-3.692e+04
		131	12.48	76.04	-141.93	-134.85	68.96	38.64	1.087e+05	8238.49	4.797e+04	6.899e+04	-4.913e+04

		130	13.51	78.31	-141.19	-134.17	71.28	38.64	1.187e+05	1.013e+04	5.071e+04	7.810e+04	-5.252e+04
62	5	107	7.36	51.24	-98.31	-93.73	46.66	25.76	6.310e+04	1575.48	1.637e+04	4.830e+04	-2.630e+04
		108	6.67	49.80	-98.50	-93.88	45.18	25.76	5.723e+04	1150.18	1.584e+04	4.254e+04	-2.466e+04
		131	8.32	50.69	-94.62	-89.90	45.97	25.76	7.257e+04	5798.52	3.250e+04	4.588e+04	-3.271e+04
		130	9.00	52.21	-94.13	-89.44	47.52	25.76	7.915e+04	7045.35	3.431e+04	5.188e+04	-3.497e+04
62	8	107	1.47	10.25	-19.66	-18.75	9.33	5.15	1.308e+04	1795.20	6309.64	8570.46	-5530.51
		108	1.38	9.96	-19.70	-18.78	9.04	5.15	1.227e+04	1793.56	6276.17	7788.14	-5183.76
		131	1.71	10.14	-18.92	-17.98	9.19	5.15	1.535e+04	2714.60	9607.52	8454.40	-6290.00
		130	1.81	10.44	-18.83	-17.89	9.50	5.15	1.632e+04	2863.87	9897.24	9287.98	-6721.84
62	11	107	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		108	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
		131	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		130	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
63	1	108	9.18	69.97	-124.11	-118.83	64.69	31.57	5.889e+04	-1.052e+04	1388.67	4.698e+04	-2.617e+04
		109	8.26	67.98	-124.37	-119.04	62.65	31.57	5.208e+04	-1.078e+04	778.08	4.052e+04	-2.435e+04
		132	9.80	69.29	-118.61	-113.15	63.83	31.57	6.871e+04	-3522.97	2.069e+04	4.450e+04	-3.410e+04
		131	10.72	71.37	-117.94	-112.52	65.95	31.57	7.628e+04	-2302.14	2.272e+04	5.125e+04	-3.661e+04
63	5	108	6.09	46.64	-82.74	-79.22	43.13	21.04	3.929e+04	-6688.51	1368.03	3.124e+04	-1.748e+04
		109	5.48	45.32	-82.91	-79.36	41.76	21.04	3.479e+04	-6855.32	969.79	2.697e+04	-1.627e+04
		132	6.53	46.19	-79.07	-75.43	42.55	21.04	4.590e+04	-2033.52	1.424e+04	2.962e+04	-2.270e+04
		131	7.14	47.58	-78.63	-75.01	43.97	21.04	5.090e+04	-1229.68	1.559e+04	3.408e+04	-2.437e+04
63	8	108	1.13	9.33	-16.55	-15.84	8.63	4.21	8282.74	362.12	2923.44	5721.42	-3704.98
		109	1.04	9.06	-16.58	-15.87	8.35	4.21	7640.31	389.13	2896.72	5132.72	-3448.91
		132	1.33	9.24	-15.81	-15.09	8.51	4.21	9952.85	1262.29	5551.48	5663.67	-4344.92
		131	1.42	9.52	-15.73	-15.00	8.79	4.21	1.070e+04	1356.76	5767.83	6290.30	-4664.99
63	11	108	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		109	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
		132	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95
		131	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
64	1	109	7.94	63.23	-104.11	-100.02	59.14	25.84	3.488e+04	-1.718e+04	-1.102e+04	2.871e+04	-1.682e+04
		110	7.17	61.48	-104.34	-100.21	57.35	25.84	2.982e+04	-1.728e+04	-1.146e+04	2.400e+04	-1.550e+04
		133	7.88	62.70	-98.89	-94.65	58.46	25.84	4.140e+04	-1.026e+04	4036.28	2.710e+04	-2.311e+04
		132	8.71	64.54	-98.31	-94.10	60.33	25.84	4.700e+04	-9466.68	5515.74	3.202e+04	-2.493e+04
64	5	109	5.26	42.16	-69.41	-66.68	39.43	17.23	2.329e+04	-1.115e+04	-6979.98	1.911e+04	-1.124e+04
		110	4.75	40.98	-69.56	-66.80	38.23	17.23	1.995e+04	-1.121e+04	-7271.23	1.600e+04	-1.036e+04
		133	5.23	41.80	-65.93	-63.10	38.97	17.23	2.768e+04	-6547.68	3062.22	1.807e+04	-1.538e+04
		132	5.79	43.03	-65.54	-62.73	40.22	17.23	3.139e+04	-6028.31	4042.36	2.132e+04	-1.659e+04
64	8	109	0.89	8.43	-13.88	-13.34	7.89	3.45	5014.37	-575.66	792.58	3646.12	-2403.42
		110	0.81	8.20	-13.91	-13.36	7.65	3.45	4520.84	-540.58	771.28	3208.97	-2217.86
		133	1.02	8.36	-13.19	-12.62	7.79	3.45	6186.52	273.77	2837.97	3622.31	-2930.25
		132	1.11	8.61	-13.11	-12.55	8.04	3.45	6751.94	332.13	2997.05	4087.02	-3163.30
64	11	109	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.65
		110	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		133	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		132	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	194.64
65	1	110	7.15	56.82	-85.92	-82.79	53.69	20.91	1.936e+04	-1.921e+04	-1.633e+04	1.647e+04	-1.015e+04
		111	6.55	55.32	-86.10	-82.94	52.15	20.91	1.580e+04	-1.927e+04	-1.664e+04	1.317e+04	-9230.96
		134	6.56	56.42	-81.14	-77.89	53.16	20.91	2.332e+04	-1.292e+04	-5086.80	1.548e+04	-1.492e+04
		133	7.24	57.99	-80.65	-77.42	54.76	20.91	2.729e+04	-1.242e+04	-4050.98	1.893e+04	-1.619e+04
65	5	110	4.73	37.88	-57.28	-55.19	35.79	13.94	1.294e+04	-1.256e+04	-1.060e+04	1.098e+04	-6785.21
		111	4.33	36.88	-57.40	-55.29	34.77	13.94	1.058e+04	-1.259e+04	-1.081e+04	8802.76	-6171.26
		134	4.34	37.61	-54.10	-51.92	35.44	13.94	1.561e+04	-8371.90	-3106.37	1.034e+04	-9926.99
		133	4.79	38.66	-53.76	-51.61	36.51	13.94	1.824e+04	-8040.15	-2419.93	1.262e+04	-1.078e+04
65	8	110	0.75	7.58	-11.46	-11.04	7.16	2.79	2858.25	-1091.22	-438.15	2205.17	-1467.24
		111	0.67	7.38	-11.48	-11.06	6.95	2.79	2498.38	-1060.77	-454.54	1892.15	-1337.97
		134	0.76	7.52	-10.82	-10.38	7.09	2.79	3605.52	-319.35	1085.93	2200.25	-1881.68
		133	0.84	7.73	-10.75	-10.32	7.30	2.79	4016.51	-285.39	1198.60	2532.52	-2044.93
65	11	110	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		111	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		134	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		133	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
66	1	111	6.64	50.57	-70.23	-67.84	48.18	16.82	9750.45	-1.836e+04	-1.712e+04	8512.08	-5768.96
		112	6.20	49.32	-70.38	-67.97	46.90	16.82	7334.96	-1.841e+04	-1.734e+04	6262.08	-5145.12
		135	5.68	50.29	-65.98	-63.49	47.80	16.82	1.201e+04	-1.308e+04	-9003.00	7929.27	-9261.49
		134	6.19	51.60	-65.57	-63.10	49.13	16.82	1.473e+04	-1.275e+04	-8298.02	1.028e+04	-1.013e+04
66	5	111	4.38	33.71	-46.82	-45.23	32.12	11.22	6529.66	-1.205e+04	-1.121e+04	5690.51	-3858.42
		112	4.09	32.88	-46.92	-45.31	31.27	11.22	4931.15	-1.208e+04	-1.135e+04	4203.63	-3441.83
		135	3.75	33.53	-43.99	-42.33	31.87	11.22	8056.85	-8536.36	-5794.60	5315.09	-6162.58
		134	4.10	34.40	-43.71	-42.07	32.75	11.22	9858.18	-8318.06	-5327.24	6867.35	-6739.21
66	8	111	0.66	6.74	-9.36	-9.05	6.42	2.24	1514.86	-1297.90	-1014.75	1231.71	-846.33
		112	0.60	6.58	-9.38	-9.06	6.25	2.24	1264.39	-1278.40	-1027.09	1013.08	-758.86
		135	0.60	6.71	-8.80	-8.47	6.37	2.24	1956.59	-636.85	84.37	1235.37	-1162.02
		134	0.66	6.88	-8.74	-8.41	6.55	2.24	2245.25	-616.07	162.10	1467.08	-1273.20
66	11	111	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		112	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		135	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		134	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30

67	1	112	6.20	44.54	-56.23	-54.45	42.76	13.29	4209.12	-1.558e+04	-1.511e+04	3746.11	-2991.15
		113	5.90	43.52	-56.36	-54.55	41.72	13.29	2654.77	-1.563e+04	-1.525e+04	2281.09	-2586.95
		136	5.06	44.35	-52.55	-50.69	42.49	13.29	5396.91	-1.150e+04	-9531.45	3425.75	-5424.60
		135	5.42	45.42	-52.22	-50.37	43.57	13.29	7161.79	-1.128e+04	-9073.11	4954.35	-5986.45
67	5	112	4.10	29.70	-37.49	-36.30	28.51	8.86	2830.39	-1.025e+04	-9937.14	2516.47	-2002.00
		113	3.89	29.01	-37.57	-36.37	27.81	8.86	1801.29	-1.028e+04	-1.003e+04	1547.69	-1732.12
		136	3.34	29.57	-35.03	-33.79	28.33	8.86	3633.44	-7536.29	-6213.64	2310.79	-3608.91
		135	3.58	30.28	-34.81	-33.58	29.05	8.86	4802.92	-7390.61	-5909.65	3321.97	-3983.06
67	8	112	0.61	5.94	-7.50	-7.26	5.70	1.77	723.74	-1260.39	-1153.57	616.92	-447.81
		113	0.57	5.80	-7.51	-7.27	5.56	1.77	559.49	-1251.43	-1162.49	470.55	-391.34
		136	0.50	5.91	-7.01	-6.76	5.67	1.77	960.16	-736.38	-399.39	623.17	-676.87
		135	0.55	6.06	-6.96	-6.72	5.81	1.77	1152.17	-722.22	-348.07	778.02	-749.20
67	11	112	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		113	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		136	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		135	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
68	1	113	5.62	38.77	-43.32	-42.05	37.50	10.13	1400.81	-1.163e+04	-1.149e+04	1260.11	-1346.79
		114	5.41	37.96	-43.42	-42.13	36.67	10.13	476.98	-1.168e+04	-1.158e+04	375.81	-1104.24
		137	4.48	38.64	-40.24	-38.91	37.32	10.13	1957.71	-8802.70	-7946.51	1101.52	-2912.03
		136	4.72	39.49	-39.97	-38.66	38.18	10.13	3012.57	-8658.90	-7670.34	2024.01	-3249.72
68	5	113	3.71	25.84	-28.88	-28.03	25.00	6.76	951.78	-7670.41	-7574.91	856.28	-902.39
		114	3.58	25.30	-28.94	-28.09	24.45	6.76	339.84	-7699.63	-7630.84	271.05	-740.46
		137	2.96	25.76	-26.82	-25.94	24.88	6.76	1328.55	-5785.50	-5211.81	754.86	-1937.05
		136	3.12	26.33	-26.65	-25.77	25.45	6.76	2027.93	-5690.93	-5028.56	1365.55	-2161.95
68	8	113	0.57	5.17	-5.78	-5.61	5.00	1.35	301.05	-1038.29	-1005.28	268.04	-207.66
		114	0.54	5.06	-5.79	-5.62	4.89	1.35	201.74	-1036.24	-1011.30	176.80	-173.91
		137	0.44	5.15	-5.36	-5.19	4.98	1.35	412.64	-666.57	-527.50	273.56	-361.59
		136	0.47	5.27	-5.33	-5.15	5.09	1.35	529.94	-656.05	-496.01	369.89	-405.21
68	11	113	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		114	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		137	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		136	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
69	1	114	4.89	33.12	-32.06	-31.20	32.26	7.44	159.33	-7742.13	-7710.14	127.33	-501.75
		115	4.76	32.50	-32.13	-31.26	31.63	7.44	-347.67	-7776.17	-7757.95	-365.88	-367.41
		138	3.88	33.04	-29.56	-28.67	32.15	7.44	395.86	-5978.15	-5640.00	57.71	-1428.65
		137	4.02	33.69	-29.36	-28.47	32.80	7.44	976.22	-5890.41	-5486.29	572.10	-1616.05
69	5	114	3.24	22.08	-21.37	-20.80	21.51	4.96	118.03	-5115.33	-5093.57	96.26	-336.81
		115	3.15	21.66	-21.42	-20.84	21.09	4.96	-218.01	-5137.47	-5125.02	-230.46	-247.14
		138	2.56	22.03	-19.71	-19.11	21.43	4.96	278.16	-3939.28	-3713.06	51.93	-950.23
		137	2.66	22.46	-19.58	-18.98	21.87	4.96	663.17	-3881.40	-3611.00	392.77	-1075.05
69	8	114	0.52	4.42	-4.27	-4.16	4.30	0.99	95.11	-747.59	-739.68	87.20	-81.26
		115	0.50	4.33	-4.28	-4.17	4.22	0.99	39.44	-748.47	-743.46	34.42	-62.66
		138	0.39	4.41	-3.94	-3.82	4.29	0.99	142.68	-512.84	-461.06	90.90	-176.81
		137	0.41	4.49	-3.92	-3.80	4.37	0.99	208.56	-505.23	-443.17	146.50	-201.12
69	11	114	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		115	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	-16.53
		138	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	16.53
		137	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
70	1	115	3.87	27.64	-21.82	-21.30	27.12	5.02	-176.93	-4281.69	-4277.45	-181.17	-131.80
		116	3.79	27.19	-21.87	-21.35	26.67	5.02	-416.42	-4301.75	-4300.56	-417.61	-67.98
		139	3.08	27.60	-19.90	-19.37	27.06	5.02	-90.99	-3357.62	-3242.60	-206.02	-602.08
		138	3.16	28.07	-19.76	-19.22	27.54	5.02	183.08	-3311.68	-3169.11	40.50	-691.33
70	5	115	2.57	18.43	-14.54	-14.20	18.08	3.35	-111.41	-2833.76	-2830.86	-114.31	-88.81
		116	2.51	18.12	-14.58	-14.23	17.78	3.35	-270.30	-2846.93	-2846.10	-271.12	-46.22
		139	2.04	18.40	-13.27	-12.91	18.04	3.35	-53.23	-2217.62	-2140.79	-130.06	-400.49
		138	2.09	18.72	-13.17	-12.82	18.36	3.35	128.73	-2187.22	-2091.96	33.47	-459.94
70	8	115	0.43	3.69	-2.91	-2.84	3.62	0.67	17.01	-442.71	-441.52	15.81	-23.42
		116	0.42	3.62	-2.92	-2.85	3.56	0.67	-10.17	-444.08	-443.59	-10.67	-14.65
		139	0.33	3.68	-2.65	-2.58	3.61	0.67	34.12	-319.10	-302.52	17.54	-74.69
		138	0.34	3.74	-2.63	-2.56	3.67	0.67	66.08	-314.45	-293.74	45.37	-86.33
70	11	115	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		116	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		139	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		138	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
71	1	116	2.55	22.31	-12.56	-12.32	22.07	2.87	-126.13	-1735.80	-1735.55	-126.37	-19.93
		117	2.50	22.00	-12.59	-12.35	21.76	2.87	-212.98	-1744.12	-1744.12	-212.99	3.14
		140	2.04	22.29	-11.21	-10.96	22.04	2.87	-99.94	-1375.46	-1342.70	-132.70	-201.78
		139	2.09	22.60	-11.11	-10.87	22.36	2.87	-0.75	-1357.58	-1315.89	-42.44	-234.15
71	5	116	1.69	14.87	-8.37	-8.21	14.71	1.91	-81.25	-1150.78	-1150.61	-81.42	-13.52
		117	1.66	14.67	-8.39	-8.23	14.51	1.91	-138.97	-1156.28	-1156.28	-138.97	1.86
		140	1.36	14.86	-7.47	-7.31	14.69	1.91	-63.59	-910.53	-888.67	-85.45	-134.29
		139	1.39	15.07	-7.41	-7.24	14.91	1.91	2.35	-898.66	-870.83	-25.47	-155.87
71	8	116	0.30	2.97	-1.67	-1.64	2.94	0.38	0.69	-191.64	-191.55	0.60	-4.13
		117	0.29	2.93	-1.68	-1.65	2.90	0.38	-9.72	-192.45	-192.45	-9.73	-0.99
		140	0.23	2.97	-1.49	-1.46	2.94	0.38	5.48	-143.43	-138.93	0.98	-25.49
		139	0.24	3.01	-1.48	-1.45	2.98	0.38	17.57	-141.37	-135.60	11.80	-29.75
71	11	116	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78

		117	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		140	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		139	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
72	1	117	1.14	17.14	-4.16	-4.12	17.10	0.91	-18.15	-366.44	-366.40	-18.19	-3.84
		27	1.11	16.96	-4.18	-4.14	16.92	0.91	-35.95	-368.20	-368.20	-35.95	0.77
		28	0.94	17.13	-3.35	-3.31	17.09	0.91	-12.25	-290.80	-283.95	-19.10	-43.15
		140	0.97	17.31	-3.30	-3.26	17.27	0.91	8.00	-287.10	-278.49	-0.61	-49.66
72	5	117	0.76	11.43	-2.77	-2.75	11.40	0.61	-11.22	-243.38	-243.35	-11.25	-2.56
		27	0.74	11.31	-2.79	-2.76	11.28	0.61	-23.08	-244.55	-244.55	-23.09	0.51
		28	0.63	11.42	-2.23	-2.21	11.39	0.61	-7.28	-192.95	-188.38	-11.85	-28.76
		140	0.65	11.54	-2.20	-2.17	11.51	0.61	6.22	-190.48	-184.74	0.48	-33.11
72	8	117	0.15	2.29	-0.55	-0.55	2.28	0.12	3.03	-43.17	-43.16	3.02	-0.53
		27	0.14	2.26	-0.56	-0.55	2.26	0.12	0.66	-43.40	-43.40	0.66	0.09
		28	0.12	2.28	-0.45	-0.44	2.28	0.12	3.82	-33.08	-32.17	2.91	-5.74
		140	0.13	2.31	-0.44	-0.43	2.30	0.12	6.51	-32.59	-31.44	5.36	-6.61
72	11	117	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		27	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		28	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		140	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
73	1	1	7.23	8.00	2.29	5.90	4.39	-2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	-8.737e+04
		120	7.23	8.00	2.29	5.90	4.39	-2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	-8.737e+04
		143	7.23	8.00	2.29	5.90	4.39	-2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	-8.737e+04
73	5	1	4.75	5.34	1.53	3.93	2.93	-1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	-5.825e+04
		120	4.75	5.34	1.53	3.93	2.93	-1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	-5.825e+04
		143	4.75	5.34	1.53	3.93	2.93	-1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	-5.825e+04
73	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		120	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		143	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
73	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		120	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		143	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
74	1	143	11.95	13.76	4.91	6.27	12.40	3.20	3.473e+05	7.099e+04	8.788e+04	3.304e+05	6.620e+04
		120	15.46	16.70	5.88	6.92	15.65	3.20	4.454e+05	7.999e+04	1.057e+05	4.196e+05	9.351e+04
		121	16.84	17.40	9.47	11.09	15.78	3.20	5.016e+05	1.409e+05	2.195e+05	4.229e+05	1.489e+05
		144	15.01	15.95	8.78	10.73	14.00	3.20	4.493e+05	1.348e+05	2.098e+05	3.742e+05	1.340e+05
74	5	143	7.85	9.17	3.27	4.18	8.26	2.13	2.270e+05	4.282e+04	5.409e+04	2.157e+05	4.414e+04
		120	10.20	11.13	3.92	4.61	10.44	2.13	2.924e+05	4.882e+04	6.599e+04	2.752e+05	6.233e+04
		121	11.10	11.60	6.31	7.39	10.52	2.13	3.298e+05	8.937e+04	1.418e+05	2.774e+05	9.929e+04
		144	9.88	10.64	5.85	7.16	9.33	2.13	2.949e+05	8.528e+04	1.353e+05	2.449e+05	8.936e+04
74	8	143	1.19	1.83	0.65	0.84	1.65	0.43	1.800e+04	-1.848e+04	-1.618e+04	1.571e+04	8856.46
		120	1.59	2.23	0.78	0.92	2.09	0.43	3.106e+04	-1.725e+04	-1.380e+04	2.761e+04	1.244e+04
		121	1.65	2.32	1.26	1.48	2.10	0.43	3.852e+04	-9410.88	1114.15	2.799e+04	1.984e+04
		144	1.42	2.13	1.17	1.43	1.87	0.43	3.158e+04	-1.026e+04	-184.07	2.150e+04	1.789e+04
74	11	143	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		120	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
		121	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		144	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
75	1	144	21.15	22.94	9.27	11.96	20.25	5.43	6.321e+05	1.855e+05	2.475e+05	5.701e+05	1.544e+05
		121	25.37	26.73	10.71	12.83	24.61	5.43	7.514e+05	1.963e+05	2.692e+05	6.785e+05	1.875e+05
		122	26.90	27.46	13.94	16.67	24.73	5.43	8.051e+05	2.401e+05	3.639e+05	6.812e+05	2.338e+05
		145	24.12	25.02	12.77	16.07	21.73	5.43	7.251e+05	2.306e+05	3.490e+05	6.067e+05	2.110e+05
75	5	144	13.97	15.29	6.18	7.97	13.50	3.62	4.167e+05	1.191e+05	1.604e+05	3.754e+05	1.029e+05
		121	16.79	17.82	7.14	8.55	16.41	3.62	4.962e+05	1.263e+05	1.749e+05	4.476e+05	1.250e+05
		122	17.81	18.31	9.29	11.11	16.48	3.62	5.320e+05	1.554e+05	2.380e+05	4.494e+05	1.558e+05
		145	15.95	16.68	8.52	10.71	14.48	3.62	4.787e+05	1.491e+05	2.280e+05	3.997e+05	1.407e+05
75	8	144	2.15	3.06	1.24	1.59	2.70	0.72	5.515e+04	-3790.26	4654.94	4.670e+04	2.065e+04
		121	2.71	3.56	1.43	1.71	3.28	0.72	7.095e+04	-2256.64	7545.40	6.115e+04	2.493e+04
		122	2.88	3.66	1.86	2.22	3.30	0.72	7.806e+04	3171.48	1.980e+04	6.143e+04	3.112e+04
		145	2.50	3.34	1.70	2.14	2.90	0.72	6.748e+04	1823.75	1.781e+04	5.150e+04	2.818e+04
75	11	144	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		121	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
		122	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17
		145	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.17
76	1	145	30.06	31.90	13.53	17.34	28.09	7.45	9.062e+05	2.987e+05	3.907e+05	8.142e+05	2.178e+05
		122	35.78	36.84	15.46	18.49	33.82	7.45	1.069e+06	3.138e+05	4.204e+05	9.627e+05	2.630e+05
		123	37.42	37.57	18.69	22.33	33.93	7.45	1.125e+06	3.592e+05	5.191e+05	9.655e+05	3.114e+05
		146	33.19	33.99	17.03	21.46	29.56	7.45	1.004e+06	3.453e+05	4.965e+05	8.523e+05	2.769e+05
76	5	145	19.90	21.27	9.02	11.56	18.72	4.97	5.993e+05	1.944e+05	2.558e+05	5.379e+05	1.452e+05
		122	23.72	24.56	10.31	12.33	22.55	4.97	7.080e+05	2.045e+05	2.756e+05	6.369e+05	1.753e+05
		123	24.81	25.05	12.46	14.89	22.62	4.97	7.453e+05	2.347e+05	3.413e+05	6.387e+05	2.076e+05
		146	21.98	22.66	11.35	14.30	19.71	4.97	6.641e+05	2.254e+05	3.263e+05	5.633e+05	1.846e+05
76	8	145	3.22	4.25	1.80	2.31	3.74	0.99	9.047e+04	1.049e+04	2.310e+04	7.786e+04	2.915e+04
		122	4.00	4.91	2.06	2.47	4.51	0.99	1.120e+05	1.268e+04	2.706e+04	9.766e+04	3.496e+04
		123	4.19	5.01	2.49	2.98	4.52	0.99	1.195e+05	1.819e+04	3.972e+04	9.793e+04	4.143e+04
		146	3.62	4.53	2.27	2.86	3.94	0.99	1.034e+05	1.616e+04	3.670e+04	8.284e+04	3.701e+04
76	11	145	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		122	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.75

		123	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		146	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
77	1	146	38.95	40.85	17.83	22.73	35.95	9.42	1.181e+06	4.242e+05	5.395e+05	1.066e+06	2.720e+05
		123	46.51	46.99	20.28	24.17	43.10	9.42	1.398e+06	4.444e+05	5.791e+05	1.264e+06	3.322e+05
		118	48.26	47.73	23.53	28.04	43.22	9.42	1.458e+06	4.941e+05	6.853e+05	1.267e+06	3.843e+05
		141	42.29	42.96	21.36	26.88	37.44	9.42	1.285e+06	4.750e+05	6.533e+05	1.107e+06	3.356e+05
77	5	146	25.81	27.23	11.89	15.16	23.96	6.28	7.822e+05	2.779e+05	3.548e+05	7.052e+05	1.813e+05
		123	30.86	31.33	13.52	16.11	28.74	6.28	9.271e+05	2.914e+05	3.812e+05	8.372e+05	2.215e+05
		118	32.02	31.82	15.69	18.69	28.81	6.28	9.667e+05	3.245e+05	4.519e+05	8.392e+05	2.562e+05
		141	28.04	28.64	14.24	17.92	24.96	6.28	8.515e+05	3.116e+05	4.306e+05	7.326e+05	2.238e+05
77	8	146	4.31	5.45	2.38	3.03	4.79	1.26	1.255e+05	2.618e+04	4.209e+04	1.096e+05	3.644e+04
		123	5.34	6.27	2.70	3.22	5.75	1.26	1.542e+05	2.915e+04	4.737e+04	1.360e+05	4.412e+04
		118	5.55	6.36	3.14	3.74	5.76	1.26	1.621e+05	3.509e+04	6.089e+04	1.363e+05	5.110e+04
		141	4.75	5.73	2.85	3.58	4.99	1.26	1.393e+05	3.226e+04	5.663e+04	1.150e+05	4.489e+04
77	11	146	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		123	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
		118	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		141	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.35
78	1	141	42.84	193.92	-658.80	-60.17	-404.70	-390.01	1.251e+06	4.406e+05	6.400e+05	1.051e+06	3.490e+05
		118	47.27	266.60	-543.67	-28.87	-248.21	-390.01	1.386e+06	4.563e+05	6.653e+05	1.177e+06	3.882e+05
		119	48.28	305.45	-522.07	29.85	-246.48	-390.01	1.419e+06	4.736e+05	7.132e+05	1.179e+06	4.111e+05
		142	44.49	245.20	-624.59	2.72	-382.11	-390.01	1.302e+06	4.585e+05	6.913e+05	1.070e+06	3.772e+05
78	5	141	28.43	129.28	-439.20	-40.11	-269.80	-260.01	8.293e+05	2.891e+05	4.219e+05	6.965e+05	2.326e+05
		118	31.39	177.73	-362.45	-19.25	-165.47	-260.01	9.198e+05	2.995e+05	4.388e+05	7.806e+05	2.588e+05
		119	32.07	203.63	-348.05	19.90	-164.32	-260.01	9.413e+05	3.111e+05	4.708e+05	7.816e+05	2.741e+05
		142	29.54	163.47	-416.39	1.82	-254.74	-260.01	8.638e+05	3.011e+05	4.562e+05	7.087e+05	2.514e+05
78	8	141	4.98	25.86	-87.84	-8.02	-53.96	-52.00	1.388e+05	2.996e+04	5.594e+04	1.128e+05	4.640e+04
		118	5.60	35.55	-72.49	-3.85	-33.09	-52.00	1.572e+05	3.179e+04	5.931e+04	1.296e+05	5.189e+04
		119	5.73	40.73	-69.61	3.98	-32.86	-52.00	1.615e+05	3.443e+04	6.603e+04	1.299e+05	5.493e+04
		142	5.20	32.69	-83.28	0.36	-50.95	-52.00	1.458e+05	3.266e+04	6.312e+04	1.153e+05	5.017e+04
78	11	141	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		118	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.32
		119	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		142	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.53
79	1	142	46.74	156.20	-498.74	0.44	-342.98	-278.84	1.020e+06	2.394e+05	4.759e+05	7.830e+05	3.586e+05
		119	47.61	189.85	-432.86	17.03	-260.03	-278.84	1.041e+06	2.421e+05	4.800e+05	8.035e+05	3.655e+05
		124	47.87	214.55	-423.22	50.38	-259.05	-278.84	1.048e+06	2.449e+05	4.891e+05	8.039e+05	3.694e+05
		147	47.13	186.62	-480.60	36.16	-330.15	-278.84	1.029e+06	2.425e+05	4.856e+05	7.863e+05	3.635e+05
79	5	142	31.07	104.13	-332.49	0.30	-228.65	-185.89	6.769e+05	1.567e+05	3.142e+05	5.193e+05	2.390e+05
		119	31.65	126.57	-288.57	11.35	-173.36	-185.89	6.915e+05	1.584e+05	3.169e+05	5.330e+05	2.437e+05
		124	31.83	143.03	-282.15	33.59	-172.70	-185.89	6.960e+05	1.604e+05	3.231e+05	5.333e+05	2.463e+05
		147	31.33	124.41	-320.40	24.11	-220.10	-185.89	6.835e+05	1.588e+05	3.207e+05	5.216e+05	2.423e+05
79	8	142	5.72	20.83	-66.50	0.06	-45.73	-37.18	1.186e+05	1.384e+04	4.439e+04	8.809e+04	4.763e+04
		119	5.86	25.31	-57.71	2.27	-34.67	-37.18	1.219e+05	1.386e+04	4.494e+04	9.083e+04	4.891e+04
		124	5.89	28.61	-56.43	6.72	-34.54	-37.18	1.230e+05	1.465e+04	4.664e+04	9.098e+04	4.941e+04
		147	5.77	24.88	-64.08	4.82	-44.02	-37.18	1.202e+05	1.463e+04	4.617e+04	8.863e+04	4.832e+04
79	11	142	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		119	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		124	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		147	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
80	1	147	41.92	136.01	-380.31	39.79	-284.08	-201.06	8.122e+05	1.464e+05	3.934e+05	5.652e+05	3.216e+05
		124	40.13	149.62	-348.13	47.42	-245.93	-201.06	7.769e+05	1.375e+05	3.860e+05	5.284e+05	3.117e+05
		125	39.58	160.42	-345.12	60.84	-245.54	-201.06	7.664e+05	1.367e+05	3.747e+05	5.283e+05	3.053e+05
		148	41.16	148.70	-373.45	54.16	-278.92	-201.06	7.975e+05	1.443e+05	3.812e+05	5.606e+05	3.140e+05
80	5	147	27.89	90.68	-253.54	26.52	-189.39	-134.04	5.397e+05	9.571e+04	2.599e+05	3.756e+05	2.143e+05
		124	26.70	99.74	-232.09	31.61	-163.95	-134.04	5.163e+05	8.962e+04	2.550e+05	3.510e+05	2.079e+05
		125	26.34	106.94	-230.08	40.56	-163.69	-134.04	5.094e+05	8.922e+04	2.476e+05	3.510e+05	2.036e+05
		148	27.39	99.13	-248.97	36.11	-185.95	-134.04	5.300e+05	9.441e+04	2.519e+05	3.725e+05	2.093e+05
80	8	147	5.27	18.14	-50.71	5.30	-37.88	-26.81	9.756e+04	7643.65	3.777e+04	6.743e+04	4.244e+04
		124	5.09	19.95	-46.42	6.32	-32.79	-26.81	9.358e+04	5718.30	3.679e+04	6.252e+04	4.201e+04
		125	5.03	21.39	-46.02	8.11	-32.74	-26.81	9.269e+04	6361.03	3.633e+04	6.272e+04	4.110e+04
		148	5.19	19.83	-49.79	7.22	-37.19	-26.81	9.619e+04	8028.84	3.719e+04	6.702e+04	4.148e+04
80	11	147	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	-537.94
		124	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	537.94
		125	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.51	470.69
		148	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	-470.70
81	1	148	36.52	120.60	-300.77	56.59	-236.76	-151.24	6.255e+05	8.606e+04	3.092e+05	4.024e+05	2.657e+05
		125	33.65	125.55	-287.41	59.64	-221.50	-151.24	5.726e+05	7.060e+04	2.978e+05	3.454e+05	2.499e+05
		126	32.72	129.59	-286.54	64.41	-221.36	-151.24	5.568e+05	7.029e+04	2.818e+05	3.452e+05	2.412e+05
		149	35.32	125.22	-298.44	61.70	-234.92	-151.24	6.043e+05	8.347e+04	2.919e+05	3.959e+05	2.552e+05
81	5	148	24.31	80.40	-200.51	37.73	-157.84	-100.83	4.160e+05	5.626e+04	2.044e+05	2.678e+05	1.770e+05
		125	22.41	83.70	-191.61	39.76	-147.67	-100.83	3.808e+05	4.583e+04	1.968e+05	2.298e+05	1.667e+05
		126	21.79	86.39	-191.03	42.94	-147.57	-100.83	3.703e+05	4.573e+04	1.863e+05	2.298e+05	1.608e+05
		149	23.51	83.48	-198.96	41.13	-156.62	-100.83	4.019e+05	5.463e+04	1.931e+05	2.635e+05	1.701e+05
81	8	148	4.68	16.08	-40.10	7.55	-31.57	-20.17	7.706e+04	4318.47	3.042e+04	5.096e+04	3.489e+04
		125	4.37	16.74	-38.32	7.95	-29.53	-20.17	7.075e+04	1514.40	2.890e+04	4.337e+04	3.385e+04
		126	4.26	17.28	-38.21	8.59	-29.51	-20.17	6.929e+04	2171.66	2.789e+04	4.357e+04	3.263e+04

		149	4.54	16.70	-39.79	8.23	-31.32	-20.17	7.495e+04	4612.87	2.924e+04	5.032e+04	3.355e+04
81	11	148	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.41
		125	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
		126	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		149	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
82	1	149	31.44	107.85	-244.33	62.69	-199.17	-117.75	4.724e+05	4.639e+04	2.354e+05	2.834e+05	2.117e+05
		126	28.20	108.83	-241.42	63.34	-195.93	-117.75	4.177e+05	2.829e+04	2.232e+05	2.228e+05	1.947e+05
		127	27.12	109.63	-241.28	64.25	-195.90	-117.75	4.017e+05	2.868e+04	2.078e+05	2.226e+05	1.863e+05
		150	30.11	108.74	-243.90	63.67	-198.82	-117.75	4.516e+05	4.423e+04	2.187e+05	2.772e+05	2.016e+05
82	5	149	20.94	71.90	-162.89	41.79	-132.78	-78.50	3.144e+05	3.036e+04	1.557e+05	1.890e+05	1.410e+05
		126	18.79	72.55	-160.95	42.22	-130.62	-78.50	2.780e+05	1.819e+04	1.476e+05	1.486e+05	1.299e+05
		127	18.07	73.09	-160.85	42.83	-130.60	-78.50	2.674e+05	1.854e+04	1.374e+05	1.485e+05	1.243e+05
		150	20.06	72.50	-162.60	42.44	-132.55	-78.50	3.006e+05	2.900e+04	1.447e+05	1.849e+05	1.343e+05
82	8	149	4.09	14.38	-32.58	8.36	-26.56	-15.70	5.963e+04	2380.98	2.376e+04	3.825e+04	2.769e+04
		126	3.73	14.51	-32.19	8.44	-26.12	-15.70	5.294e+04	-648.29	2.214e+04	3.016e+04	2.649e+04
		127	3.61	14.62	-32.17	8.57	-26.12	-15.70	5.145e+04	-34.00	2.108e+04	3.034e+04	2.532e+04
		150	3.94	14.50	-32.52	8.49	-26.51	-15.70	5.754e+04	2623.80	2.254e+04	3.762e+04	2.640e+04
82	11	149	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		126	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.43	644.37
		127	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.94
		150	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
83	1	150	26.69	96.73	-201.34	63.61	-168.22	-93.68	3.488e+05	2.058e+04	1.746e+05	1.948e+05	1.638e+05
		127	23.44	95.83	-204.21	62.98	-171.37	-93.68	2.987e+05	2036.35	1.632e+05	1.376e+05	1.478e+05
		128	22.33	95.11	-204.32	62.18	-171.39	-93.68	2.844e+05	2886.05	1.499e+05	1.374e+05	1.406e+05
		151	25.37	95.93	-201.71	62.75	-168.53	-93.68	3.307e+05	1.897e+04	1.603e+05	1.894e+05	1.552e+05
83	5	150	17.78	64.49	-134.23	42.41	-112.15	-62.45	2.323e+05	1.352e+04	1.156e+05	1.302e+05	1.091e+05
		127	15.62	63.88	-136.14	41.99	-114.24	-62.45	1.989e+05	1093.54	1.080e+05	9.208e+04	9.860e+04
		128	14.89	63.40	-136.21	41.45	-114.26	-62.45	1.895e+05	1721.05	9.922e+04	9.199e+04	9.381e+04
		151	16.91	63.96	-134.47	41.83	-112.35	-62.45	2.203e+05	1.251e+04	1.061e+05	1.267e+05	1.034e+05
83	8	150	3.52	12.90	-26.85	8.48	-22.43	-12.49	4.510e+04	1217.53	1.812e+04	2.820e+04	2.135e+04
		127	3.15	12.78	-27.23	8.40	-22.85	-12.49	3.887e+04	-1706.38	1.659e+04	2.057e+04	2.019e+04
		128	3.02	12.68	-27.24	8.29	-22.85	-12.49	3.755e+04	-1168.32	1.566e+04	2.072e+04	1.919e+04
		151	3.37	12.79	-26.89	8.37	-22.47	-12.49	4.328e+04	1417.43	1.705e+04	2.765e+04	2.025e+04
83	11	150	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.13	2708.75	-589.07
		127	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.74	-6240.14	2708.74	589.07
		128	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		151	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
84	1	151	22.23	86.84	-166.63	61.99	-141.79	-75.37	2.501e+05	4638.94	1.265e+05	1.283e+05	1.228e+05
		128	19.20	85.06	-172.56	60.71	-148.21	-75.37	2.075e+05	-1.312e+04	1.165e+05	7.795e+04	1.086e+05
		129	18.13	83.69	-172.75	59.20	-148.26	-75.37	1.956e+05	-1.203e+04	1.057e+05	7.782e+04	1.029e+05
		152	21.00	85.33	-167.32	60.38	-142.37	-75.37	2.353e+05	3554.10	1.149e+05	1.239e+05	1.158e+05
84	5	151	14.81	57.89	-111.09	41.33	-94.53	-50.25	1.667e+05	3132.43	8.381e+04	8.600e+04	8.177e+04
		128	12.80	56.71	-115.04	40.47	-98.81	-50.25	1.383e+05	-8751.23	7.710e+04	5.246e+04	7.249e+04
		129	12.09	55.80	-115.16	39.47	-98.84	-50.25	1.304e+05	-7980.89	7.004e+04	5.239e+04	6.863e+04
		152	14.00	56.89	-111.54	40.25	-94.91	-50.25	1.569e+05	2453.50	7.619e+04	8.314e+04	7.713e+04
84	8	151	2.96	11.58	-22.22	8.27	-18.91	-10.05	3.312e+04	550.71	1.352e+04	2.015e+04	1.595e+04
		128	2.60	11.34	-23.01	8.09	-19.76	-10.05	2.773e+04	-2107.31	1.218e+04	1.345e+04	1.491e+04
		129	2.48	11.16	-23.03	7.89	-19.77	-10.05	2.663e+04	-1654.36	1.141e+04	1.356e+04	1.410e+04
		152	2.82	11.38	-22.31	8.05	-18.98	-10.05	3.164e+04	714.31	1.264e+04	1.971e+04	1.505e+04
84	11	151	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		128	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.93
		129	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		152	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	-467.43
85	1	152	18.37	77.95	-139.01	58.87	-119.93	-61.45	1.755e+05	-5397.23	8.919e+04	8.087e+04	9.033e+04
		129	15.67	75.83	-146.38	57.29	-127.84	-61.45	1.406e+05	-2.173e+04	8.066e+04	3.821e+04	7.834e+04
		130	14.67	74.26	-146.57	55.58	-127.89	-61.45	1.309e+05	-2.060e+04	7.223e+04	3.810e+04	7.382e+04
		153	17.25	76.22	-139.77	57.04	-120.59	-61.45	1.637e+05	-6104.10	8.011e+04	7.748e+04	8.489e+04
85	5	152	12.25	51.97	-92.67	39.25	-79.95	-40.96	1.170e+05	-3421.59	5.914e+04	5.444e+04	6.017e+04
		129	10.45	50.55	-97.59	38.19	-85.23	-40.96	9.378e+04	-1.433e+04	5.345e+04	2.600e+04	5.228e+04
		130	9.78	49.50	-97.71	37.05	-85.26	-40.96	8.740e+04	-1.355e+04	4.791e+04	2.595e+04	4.926e+04
		153	11.50	50.82	-93.18	38.03	-80.39	-40.96	1.092e+05	-3861.12	5.316e+04	5.220e+04	5.654e+04
85	8	152	2.47	10.39	-18.53	7.85	-15.99	-8.19	2.385e+04	82.06	9860.94	1.407e+04	1.169e+04
		129	2.13	10.11	-19.52	7.64	-17.05	-8.19	1.935e+04	-2245.69	8723.35	8379.32	1.080e+04
		130	2.02	9.90	-19.54	7.41	-17.05	-8.19	1.846e+04	-1878.37	8110.66	8466.80	1.017e+04
		153	2.35	10.16	-18.64	7.61	-16.08	-8.19	2.267e+04	210.26	9160.75	1.372e+04	1.100e+04
85	11	152	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	-2452.59	3981.23	-423.51
		129	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.52
		130	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		153	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.93
86	1	153	14.99	69.86	-116.05	55.04	-101.22	-50.36	1.193e+05	-1.106e+04	6.096e+04	4.728e+04	6.482e+04
		130	12.71	67.67	-123.91	53.36	-109.61	-50.36	9.185e+04	-2.569e+04	5.395e+04	1.221e+04	5.494e+04
		131	11.79	66.11	-124.09	51.68	-109.66	-50.36	8.425e+04	-2.463e+04	4.750e+04	1.212e+04	5.149e+04
		154	13.98	68.15	-116.79	53.24	-101.87	-50.36	1.102e+05	-1.149e+04	5.401e+04	4.469e+04	6.066e+04
86	5	153	9.99	46.58	-77.36	36.69	-67.48	-33.57	7.962e+04	-7128.49	4.046e+04	3.203e+04	4.317e+04
		130	8.47	45.11	-82.61	35.58	-73.07	-33.57	6.132e+04	-1.688e+04	3.579e+04	8648.15	3.667e+04
		131	7.86	44.07	-82.72	34.45	-73.11	-33.57	5.631e+04	-1.616e+04	3.155e+04	8602.02	3.437e+04
		154	9.32	45.43	-77.86	35.49	-67.92	-33.57	7.359e+04	-7394.47	3.589e+04	3.031e+04	4.040e+04

86	8	153	2.03	9.32	-15.47	7.34	-13.50	-6.71	1.667e+04	-228.52	7003.48	9439.76	8361.87
		130	1.72	9.02	-16.52	7.12	-14.61	-6.71	1.305e+04	-2217.23	6068.39	4764.32	7605.69
		131	1.62	8.81	-16.54	6.89	-14.62	-6.71	1.234e+04	-1926.65	5588.94	4828.73	7125.36
		154	1.92	9.09	-15.57	7.10	-13.58	-6.71	1.576e+04	-130.47	6457.24	9170.21	7827.53
86	11	153	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.43
		130	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
		131	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	315.18
		154	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
87	1	154	11.99	62.45	-96.15	50.94	-84.65	-41.14	7.777e+04	-1.333e+04	4.028e+04	2.416e+04	4.483e+04
		131	10.23	60.34	-103.92	49.30	-92.88	-41.14	5.719e+04	-2.612e+04	3.472e+04	-3640.83	3.698e+04
		132	9.40	58.90	-104.07	47.76	-92.92	-41.14	5.143e+04	-2.520e+04	2.993e+04	-3708.23	3.442e+04
		155	11.10	60.87	-96.82	49.29	-85.24	-41.14	7.093e+04	-1.357e+04	3.512e+04	2.224e+04	4.175e+04
87	5	154	7.99	41.63	-64.10	33.96	-56.43	-27.42	5.194e+04	-8629.64	2.676e+04	1.655e+04	2.985e+04
		131	6.81	40.23	-69.28	32.87	-61.92	-27.42	3.822e+04	-1.714e+04	2.306e+04	-1984.97	2.469e+04
		132	6.26	39.27	-69.38	31.84	-61.95	-27.42	3.441e+04	-1.652e+04	1.991e+04	-2021.08	2.298e+04
		155	7.40	40.58	-64.55	32.86	-56.83	-27.42	4.742e+04	-8772.01	2.337e+04	1.528e+04	2.780e+04
87	8	154	1.62	8.33	-12.82	6.79	-11.29	-5.48	1.118e+04	-395.88	4827.03	5959.70	5761.48
		131	1.36	8.05	-13.86	6.57	-12.38	-5.48	8396.68	-2058.18	4085.66	2252.84	5146.47
		132	1.27	7.85	-13.88	6.37	-12.39	-5.48	7853.87	-1834.24	3721.08	2298.54	4791.55
		155	1.52	8.12	-12.91	6.57	-11.37	-5.48	1.049e+04	-321.90	4413.03	5758.28	5365.56
87	11	154	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		131	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		132	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		155	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
88	1	155	9.54	55.60	-79.60	46.61	-70.61	-33.68	4.873e+04	-1.384e+04	2.539e+04	9495.60	3.026e+04
		132	8.44	53.66	-86.93	45.06	-78.34	-33.68	3.380e+04	-2.477e+04	2.108e+04	-1.205e+04	2.415e+04
		133	7.71	52.38	-87.05	43.71	-78.38	-33.68	2.953e+04	-2.404e+04	1.760e+04	-1.210e+04	2.230e+04
		156	8.76	54.20	-80.19	45.15	-71.14	-33.68	4.369e+04	-1.396e+04	2.164e+04	8097.49	2.802e+04
88	5	155	6.35	37.07	-53.07	31.07	-47.08	-22.45	3.258e+04	-8984.63	1.690e+04	6695.60	2.015e+04
		132	5.60	35.77	-57.96	30.04	-52.23	-22.45	2.262e+04	-1.626e+04	1.403e+04	-7669.00	1.613e+04
		133	5.11	34.92	-58.04	29.14	-52.25	-22.45	1.980e+04	-1.576e+04	1.173e+04	-7697.13	1.489e+04
		156	5.83	36.14	-53.46	30.10	-47.42	-22.45	2.925e+04	-9054.89	1.443e+04	5769.68	1.866e+04
88	8	155	1.28	7.41	-10.61	6.21	-9.42	-4.49	7242.59	-511.39	3203.51	3527.70	3873.60
		132	1.06	7.15	-11.59	6.01	-10.45	-4.49	5164.09	-1880.39	2628.92	654.78	3381.10
		133	0.98	6.98	-11.61	5.83	-10.45	-4.49	4753.56	-1712.84	2354.62	686.10	3123.71
		156	1.19	7.23	-10.69	6.02	-9.48	-4.49	6730.04	-457.28	2893.29	3379.47	3585.43
88	11	155	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		132	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
		133	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		156	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
89	1	156	7.44	49.23	-64.89	42.31	-57.97	-27.25	2.873e+04	-1.272e+04	1.519e+04	820.72	1.944e+04
		133	7.15	47.51	-71.57	40.91	-64.96	-27.25	1.856e+04	-2.175e+04	1.199e+04	-1.518e+04	1.489e+04
		134	6.55	46.41	-71.66	39.75	-65.00	-27.25	1.555e+04	-2.122e+04	9540.37	-1.522e+04	1.359e+04
		157	6.79	48.04	-65.39	41.07	-58.41	-27.25	2.517e+04	-1.278e+04	1.255e+04	-158.26	1.788e+04
89	5	156	4.95	32.82	-43.26	28.20	-38.64	-18.17	1.923e+04	-8274.22	1.013e+04	827.87	1.294e+04
		133	4.73	31.67	-47.71	27.27	-43.31	-18.17	1.243e+04	-1.428e+04	7994.06	-9837.37	9943.95
		134	4.34	30.94	-47.78	26.50	-43.33	-18.17	1.044e+04	-1.392e+04	6382.45	-9858.56	9079.05
		157	4.51	32.03	-43.59	27.38	-38.94	-18.17	1.687e+04	-8304.12	8390.02	179.32	1.190e+04
89	8	156	0.98	6.56	-8.65	5.64	-7.73	-3.63	4420.95	-538.86	2033.93	1848.16	2478.16
		133	0.82	6.33	-9.54	5.45	-8.66	-3.63	2963.57	-1641.15	1607.32	-284.89	2098.99
		134	0.74	6.19	-9.56	5.30	-8.67	-3.63	2665.59	-1522.00	1408.09	-264.51	1919.53
		157	0.90	6.41	-8.72	5.48	-7.79	-3.63	4052.98	-500.31	1809.61	1743.07	2276.40
89	11	156	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		133	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
		134	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		157	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
90	1	157	5.80	43.27	-52.46	37.95	-47.15	-21.92	1.583e+04	-1.097e+04	8396.89	-3535.78	1.200e+04
		134	6.22	41.77	-58.38	36.72	-53.32	-21.92	9226.01	-1.817e+04	6096.35	-1.504e+04	8714.34
		135	5.77	40.85	-58.46	35.75	-53.35	-21.92	7184.72	-1.782e+04	4425.91	-1.507e+04	7834.87
		158	5.27	42.27	-52.87	36.92	-47.52	-21.92	1.340e+04	-1.100e+04	6598.64	-4202.17	1.094e+04
90	5	157	3.85	28.85	-34.98	25.30	-31.43	-14.62	1.061e+04	-7152.13	5613.72	-2152.41	7989.09
		134	4.11	27.85	-38.92	24.48	-35.55	-14.62	6196.24	-1.194e+04	4080.02	-9820.88	5822.00
		135	3.81	27.24	-38.97	23.83	-35.57	-14.62	4846.04	-1.170e+04	2979.52	-9836.49	5235.00
		158	3.50	28.18	-35.25	24.61	-31.68	-14.62	9000.95	-7166.98	4428.01	-2594.05	7281.70
90	8	157	0.73	5.77	-7.00	5.06	-6.29	-2.92	2544.24	-530.83	1216.35	797.06	1523.18
		134	0.65	5.57	-7.78	4.90	-7.11	-2.92	1574.02	-1401.04	909.61	-736.63	1239.04
		135	0.59	5.45	-7.79	4.77	-7.11	-2.92	1365.82	-1321.57	768.26	-724.01	1117.50
		158	0.66	5.64	-7.05	4.92	-6.34	-2.92	2287.06	-504.62	1057.96	724.48	1385.84
90	11	157	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		134	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		135	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		158	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
91	1	158	4.64	37.64	-41.55	33.65	-37.56	-17.32	7931.15	-8787.87	4169.93	-5026.65	6981.20
		135	5.50	36.38	-46.66	32.59	-42.87	-17.32	3919.16	-1.422e+04	2595.32	-1.290e+04	4718.65
		136	5.18	35.63	-46.72	31.80	-42.90	-17.32	2614.19	-1.403e+04	1506.11	-1.292e+04	4148.70
		159	4.24	36.83	-41.88	32.81	-37.86	-17.32	6350.17	-8812.28	2997.85	-5459.96	6292.17
91	5	158	3.07	25.10	-27.70	22.44	-25.04	-11.55	5327.09	-5740.09	2799.02	-3212.02	4646.23

		135	3.63	24.25	-31.11	21.73	-28.58	-11.55	2644.83	-9356.29	1749.28	-8460.74	3153.67
		136	3.42	23.75	-31.15	21.20	-28.60	-11.55	1781.17	-9221.92	1031.03	-8471.79	2773.28
		159	2.80	24.55	-27.92	21.87	-25.24	-11.55	4279.52	-5753.30	2025.53	-3499.31	4187.29
91	8	158	0.53	5.02	-5.54	4.49	-5.01	-2.31	1346.62	-481.73	673.43	191.46	881.84
		135	0.55	4.85	-6.22	4.35	-5.72	-2.31	749.51	-1144.32	463.48	-858.29	678.14
		136	0.50	4.75	-6.23	4.24	-5.72	-2.31	612.80	-1096.60	367.22	-851.02	599.57
		159	0.48	4.91	-5.58	4.37	-5.05	-2.31	1175.03	-465.44	566.12	143.47	792.54
91	11	158	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		135	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
		136	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		159	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
92	1	159	3.73	32.33	-31.61	29.47	-28.76	-13.20	3487.45	-6360.91	1795.38	-4668.83	3714.98
		136	4.79	31.30	-35.88	28.59	-33.18	-13.20	1273.91	-1.012e+04	799.84	-9646.53	2275.31
		137	4.57	30.70	-35.92	27.97	-33.19	-13.20	508.83	-1.003e+04	141.27	-9658.78	1933.21
		160	3.45	31.68	-31.87	28.81	-28.99	-13.20	2544.73	-6387.67	1087.03	-4929.97	3300.89
92	5	159	2.46	21.55	-21.07	19.65	-19.17	-8.80	2349.66	-4164.09	1213.13	-3027.55	2472.12
		136	3.16	20.86	-23.92	19.06	-22.12	-8.80	870.20	-6666.78	549.44	-6346.02	1521.40
		137	3.02	20.47	-23.95	18.65	-22.13	-8.80	363.63	-6602.26	114.69	-6353.32	1293.11
		160	2.28	21.12	-21.25	19.21	-19.33	-8.80	1724.56	-4180.15	745.20	-3200.78	2196.29
92	8	159	0.38	4.31	-4.21	3.93	-3.83	-1.76	637.23	-393.63	339.41	-95.81	467.24
		136	0.47	4.17	-4.78	3.81	-4.42	-1.76	309.45	-862.28	206.67	-759.50	331.46
		137	0.44	4.09	-4.79	3.73	-4.43	-1.76	227.79	-838.06	145.53	-755.80	284.44
		160	0.34	4.22	-4.25	3.84	-3.87	-1.76	531.77	-385.43	271.63	-125.29	413.44
92	11	159	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		136	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
		137	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		160	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
93	1	160	3.00	27.26	-23.06	25.32	-21.12	-9.69	1264.96	-4188.65	584.45	-3508.14	1802.27
		137	4.07	26.44	-26.51	24.61	-24.67	-9.69	144.81	-6546.33	4.81	-6406.32	957.70
		138	3.93	25.98	-26.54	24.13	-24.68	-9.69	-267.24	-6509.69	-363.24	-6413.69	768.15
		161	2.83	26.76	-23.26	24.81	-21.30	-9.69	750.30	-4215.02	188.79	-3653.51	1572.50
93	5	160	1.98	18.17	-15.37	16.88	-14.08	-6.46	857.56	-2748.80	401.00	-2292.23	1199.20
		137	2.69	17.63	-17.67	16.40	-16.45	-6.46	109.32	-4319.10	14.58	-4224.36	640.78
		138	2.60	17.32	-17.69	16.09	-16.46	-6.46	-163.63	-4293.91	-228.70	-4228.85	514.31
		161	1.87	17.84	-15.50	16.54	-14.20	-6.46	516.08	-2765.48	139.32	-2388.73	1046.13
93	8	160	0.29	3.63	-3.07	3.38	-2.82	-1.29	263.43	-294.69	148.15	-179.41	225.94
		137	0.41	3.53	-3.53	3.28	-3.29	-1.29	101.12	-596.09	70.86	-565.84	142.05
		138	0.39	3.46	-3.54	3.22	-3.29	-1.29	56.49	-585.94	34.77	-564.22	116.09
		161	0.26	3.57	-3.10	3.31	-2.84	-1.29	204.29	-292.11	108.38	-196.20	195.99
93	11	160	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		137	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		138	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		161	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.98	352.08	-16.53
94	1	161	2.28	22.41	-15.37	21.24	-14.20	-6.55	336.75	-2318.94	105.40	-2087.59	748.91
		138	3.18	21.81	-18.01	20.70	-16.90	-6.55	-152.47	-3563.06	-183.49	-3532.04	323.81
		139	3.10	21.47	-18.03	20.36	-16.91	-6.55	-343.28	-3553.01	-360.39	-3535.90	233.73
		162	2.19	22.05	-15.51	20.87	-14.33	-6.55	96.82	-2338.56	-84.63	-2157.11	639.51
94	5	161	1.51	14.94	-10.24	14.16	-9.46	-4.37	231.69	-1525.90	76.73	-1370.95	498.33
		138	2.10	14.54	-12.01	13.80	-11.27	-4.37	-94.86	-2354.91	-115.86	-2333.91	216.82
		139	2.05	14.32	-12.02	13.57	-11.27	-4.37	-221.36	-2347.94	-232.98	-2336.33	156.72
		162	1.44	14.70	-10.34	13.92	-9.55	-4.37	72.38	-1538.65	-49.14	-1417.13	425.44
94	8	161	0.23	2.99	-2.05	2.83	-1.89	-0.87	90.79	-186.31	54.02	-149.53	94.01
		138	0.34	2.91	-2.40	2.76	-2.25	-0.87	22.10	-348.72	15.50	-342.13	49.02
		139	0.33	2.86	-2.40	2.71	-2.25	-0.87	0.90	-345.57	-3.04	-341.63	36.75
		162	0.21	2.94	-2.07	2.78	-1.91	-0.87	62.55	-186.61	33.73	-157.79	79.69
94	11	161	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		138	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		139	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		162	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
95	1	162	1.49	17.78	-8.49	17.23	-7.95	-3.74	61.19	-947.48	-3.56	-882.73	247.22
		139	2.08	17.37	-10.36	16.86	-9.84	-3.74	-107.62	-1434.98	-112.95	-1429.66	83.89
		140	2.03	17.14	-10.37	16.62	-9.85	-3.74	-175.89	-1433.35	-177.99	-1431.25	51.32
		163	1.44	17.53	-8.58	16.99	-8.04	-3.74	-24.61	-956.86	-73.36	-908.10	207.55
95	5	162	0.99	11.85	-5.66	11.49	-5.30	-2.49	43.73	-625.34	0.45	-582.06	164.58
		139	1.38	11.58	-6.90	11.24	-6.56	-2.49	-68.88	-950.27	-72.47	-946.68	56.17
		140	1.35	11.43	-6.91	11.08	-6.57	-2.49	-114.22	-949.13	-115.64	-947.70	34.44
		163	0.96	11.69	-5.72	11.32	-5.36	-2.49	-13.30	-631.52	-45.89	-598.94	138.14
95	8	162	0.16	2.37	-1.13	2.30	-1.06	-0.50	26.48	-87.34	16.98	-77.84	31.49
		139	0.24	2.32	-1.38	2.25	-1.31	-0.50	3.43	-151.80	2.39	-150.76	12.66
		140	0.23	2.29	-1.38	2.22	-1.31	-0.50	-4.59	-151.20	-5.06	-150.73	8.25
		163	0.16	2.34	-1.14	2.26	-1.07	-0.50	16.00	-88.09	8.89	-80.98	26.26
95	11	162	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		139	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		140	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		163	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
96	1	163	0.70	13.39	-2.36	13.30	-2.27	-1.19	19.53	-201.32	6.28	-188.08	52.45
		140	0.93	13.16	-3.48	13.07	-3.39	-1.19	-15.59	-303.70	-16.63	-302.65	17.29

		28	0.90	13.03	-3.48	12.94	-3.40	-1.19	-29.64	-303.47	-30.06	-303.05	10.77
		29	0.68	13.25	-2.41	13.16	-2.32	-1.19	2.02	-203.37	-8.10	-193.24	44.46
96	5	163	0.47	8.93	-1.57	8.87	-1.51	-0.79	13.90	-133.30	5.07	-124.47	34.96
		140	0.62	8.77	-2.32	8.72	-2.26	-0.79	-9.51	-201.55	-10.21	-200.85	11.53
		28	0.60	8.68	-2.32	8.63	-2.27	-0.79	-18.88	-201.40	-19.16	-201.12	7.18
		29	0.45	8.83	-1.61	8.77	-1.54	-0.79	2.23	-134.66	-4.52	-127.91	29.64
96	8	163	0.09	1.79	-0.31	1.77	-0.30	-0.16	8.06	-21.16	6.28	-19.39	6.98
		140	0.12	1.75	-0.46	1.74	-0.45	-0.16	3.37	-34.81	3.23	-34.66	2.32
		28	0.12	1.74	-0.46	1.73	-0.45	-0.16	1.51	-34.77	1.45	-34.71	1.45
		29	0.09	1.77	-0.32	1.75	-0.31	-0.16	5.73	-21.43	4.38	-20.07	5.91
96	11	163	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		140	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		28	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		29	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
97	1	1	7.05	6.48	-9.18e-03	3.71	2.76	-3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	-1.017e+05
		143	7.05	6.48	-9.18e-03	3.71	2.76	-3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	-1.017e+05
		166	7.05	6.48	-9.18e-03	3.71	2.76	-3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	-1.017e+05
97	5	1	4.67	4.32	-6.12e-03	2.47	1.84	-2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	-6.783e+04
		143	4.67	4.32	-6.12e-03	2.47	1.84	-2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	-6.783e+04
		166	4.67	4.32	-6.12e-03	2.47	1.84	-2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	-6.783e+04
97	8	1	1.26	0.86	-1.22e-03	0.49	0.37	-0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	-1.357e+04
		143	1.26	0.86	-1.22e-03	0.49	0.37	-0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	-1.357e+04
		166	1.26	0.86	-1.22e-03	0.49	0.37	-0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	-1.357e+04
97	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		143	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		166	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
98	1	166	7.96	9.38	1.30	3.77	6.92	3.72	2.082e+05	-6788.02	3.417e+04	1.672e+05	8.443e+04
		143	11.44	12.46	2.78	4.52	10.71	3.72	3.114e+05	1.474e+04	5.496e+04	2.712e+05	1.016e+05
		144	13.95	12.81	4.65	7.07	10.39	3.72	3.762e+05	1.027e+04	1.242e+05	2.623e+05	1.694e+05
		167	12.39	11.30	3.67	6.65	8.32	3.72	3.259e+05	-7451.04	1.128e+05	2.056e+05	1.601e+05
98	5	166	5.23	6.26	0.87	2.51	4.61	2.48	1.342e+05	-9042.48	1.828e+04	1.069e+05	5.629e+04
		143	7.53	8.31	1.85	3.02	7.14	2.48	2.030e+05	5320.07	3.214e+04	1.762e+05	6.770e+04
		144	9.21	8.54	3.10	4.71	6.93	2.48	2.462e+05	2295.71	7.823e+04	1.703e+05	1.130e+05
		167	8.18	7.53	2.45	4.43	5.55	2.48	2.127e+05	-9524.51	7.067e+04	1.325e+05	1.067e+05
98	8	166	1.08	1.25	0.17	0.50	0.92	0.50	-477.36	-2.891e+04	-2.334e+04	-6048.16	1.129e+04
		143	1.30	1.66	0.37	0.60	1.43	0.50	1.321e+04	-2.598e+04	-2.057e+04	7810.05	1.351e+04
		144	1.59	1.71	0.62	0.94	1.39	0.50	2.183e+04	-2.685e+04	-1.160e+04	6581.12	2.258e+04
		167	1.47	1.51	0.49	0.89	1.11	0.50	1.516e+04	-2.925e+04	-1.311e+04	-977.90	2.136e+04
98	11	166	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		143	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
		144	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		167	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
99	1	167	15.97	16.10	2.75	7.28	11.56	6.32	4.316e+05	1.390e+04	1.332e+05	3.123e+05	1.887e+05
		144	19.87	20.05	4.90	8.30	16.64	6.32	5.504e+05	4.659e+04	1.585e+05	4.385e+05	2.094e+05
		145	22.28	20.43	6.56	10.64	16.35	6.32	6.105e+05	3.653e+04	2.160e+05	4.310e+05	2.661e+05
		168	19.88	17.89	4.91	9.94	12.85	6.32	5.336e+05	9290.86	1.986e+05	3.443e+05	2.519e+05
99	5	167	10.55	10.73	1.83	4.86	7.71	4.22	2.831e+05	4642.73	8.425e+04	2.034e+05	1.258e+05
		144	13.14	13.36	3.26	5.53	11.09	4.22	3.622e+05	2.646e+04	1.011e+05	2.876e+05	1.396e+05
		145	14.76	13.62	4.37	7.09	10.90	4.22	4.023e+05	1.969e+04	1.394e+05	2.826e+05	1.774e+05
		168	13.16	11.92	3.27	6.63	8.57	4.22	3.511e+05	1515.25	1.278e+05	2.248e+05	1.679e+05
99	8	167	1.80	2.15	0.37	0.97	1.54	0.84	2.857e+04	-2.683e+04	-1.058e+04	1.231e+04	2.522e+04
		144	2.20	2.67	0.65	1.11	2.22	0.84	4.423e+04	-2.230e+04	-7215.91	2.914e+04	2.786e+04
		145	2.54	2.72	0.87	1.42	2.18	0.84	5.218e+04	-2.403e+04	72.98	2.808e+04	3.543e+04
		168	2.29	2.38	0.65	1.33	1.71	0.84	4.204e+04	-2.777e+04	-2241.16	1.651e+04	3.362e+04
99	11	167	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		144	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
		145	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17
		168	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.16
100	1	168	22.76	22.46	4.25	10.59	16.12	8.67	6.277e+05	4.712e+04	2.207e+05	4.541e+05	2.658e+05
		145	28.07	27.60	7.13	11.93	22.80	8.67	7.891e+05	9.326e+04	2.553e+05	6.271e+05	2.941e+05
		146	30.58	27.99	8.79	14.27	22.50	8.67	8.519e+05	8.259e+04	3.152e+05	6.193e+05	3.533e+05
		169	26.85	24.25	6.41	13.25	17.41	8.67	7.345e+05	4.187e+04	2.888e+05	4.875e+05	3.318e+05
100	5	168	15.07	14.97	2.83	7.06	10.75	5.78	4.136e+05	2.664e+04	1.425e+05	2.978e+05	1.772e+05
		145	18.60	18.40	4.75	7.95	15.20	5.78	5.212e+05	5.745e+04	1.655e+05	4.131e+05	1.961e+05
		146	20.28	18.66	5.86	9.51	15.00	5.78	5.630e+05	5.025e+04	2.054e+05	4.079e+05	2.355e+05
		169	17.80	16.17	4.28	8.84	11.61	5.78	4.848e+05	2.307e+04	1.878e+05	3.200e+05	2.212e+05
100	8	168	2.57	2.99	0.57	1.41	2.15	1.16	5.362e+04	-2.333e+04	437.50	2.985e+04	3.556e+04
		145	3.18	3.68	0.95	1.59	3.04	1.16	7.482e+04	-1.687e+04	5049.30	5.291e+04	3.911e+04
		146	3.53	3.73	1.17	1.90	3.00	1.16	8.310e+04	-1.881e+04	1.252e+04	5.177e+04	4.702e+04
		169	3.11	3.23	0.86	1.77	2.32	1.16	6.768e+04	-2.447e+04	9009.65	3.420e+04	4.432e+04
100	11	168	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		145	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.76
		146	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		169	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
101	1	169	29.13	28.77	5.81	13.91	20.68	10.97	8.170e+05	9.197e+04	3.111e+05	5.979e+05	3.330e+05
		146	36.25	35.16	9.43	15.57	29.01	10.97	1.032e+06	1.537e+05	3.572e+05	8.285e+05	3.706e+05
		141	38.88	35.55	11.10	17.94	28.72	10.97	1.099e+06	1.429e+05	4.216e+05	8.201e+05	4.344e+05

		164	33.51	30.58	7.99	16.59	21.98	10.97	9.319e+05	8.629e+04	3.843e+05	6.338e+05	4.040e+05
101	5	169	19.31	19.18	3.87	9.27	13.79	7.31	5.396e+05	5.635e+04	2.026e+05	3.934e+05	2.220e+05
		146	24.04	23.44	6.29	10.38	19.34	7.31	6.829e+05	9.756e+04	2.333e+05	5.471e+05	2.471e+05
		141	25.80	23.70	7.40	11.96	19.15	7.31	7.273e+05	9.029e+04	2.761e+05	5.415e+05	2.896e+05
		164	22.23	20.39	5.33	11.06	14.66	7.31	6.161e+05	5.247e+04	2.513e+05	4.173e+05	2.693e+05
101	8	169	3.32	3.84	0.77	1.85	2.76	1.46	7.743e+04	-1.855e+04	1.164e+04	4.724e+04	4.457e+04
		146	4.17	4.69	1.26	2.08	3.87	1.46	1.056e+05	-9826.39	1.779e+04	7.799e+04	4.924e+04
		141	4.54	4.74	1.48	2.39	3.83	1.46	1.144e+05	-1.192e+04	2.573e+04	7.674e+04	5.778e+04
		164	3.90	4.08	1.07	2.21	2.93	1.46	9.254e+04	-1.987e+04	2.077e+04	5.191e+04	5.400e+04
101	11	169	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		146	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
		141	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		164	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
102	1	164	35.63	299.81	-642.36	-46.21	-296.34	-454.18	9.275e+05	6.201e+04	3.784e+05	6.111e+05	4.168e+05
		141	39.48	395.23	-519.09	-9.76	-114.10	-454.18	1.058e+06	1.079e+05	4.078e+05	7.581e+05	4.416e+05
		142	40.89	413.62	-506.18	26.03	-118.60	-454.18	1.092e+06	1.001e+05	4.372e+05	7.545e+05	4.697e+05
		165	37.64	332.91	-615.01	-5.56	-276.55	-454.18	9.805e+05	5.846e+04	4.118e+05	6.272e+05	4.482e+05
102	5	164	23.66	199.87	-428.24	-30.81	-197.56	-302.78	6.138e+05	3.674e+04	2.475e+05	4.030e+05	2.779e+05
		141	26.23	263.49	-346.06	-6.51	-76.06	-302.78	7.008e+05	6.726e+04	2.671e+05	5.010e+05	2.944e+05
		142	27.17	275.74	-337.45	17.36	-79.07	-302.78	7.233e+05	6.212e+04	2.868e+05	4.986e+05	3.132e+05
		165	25.01	221.94	-410.01	-3.70	-184.36	-302.78	6.491e+05	3.442e+04	2.698e+05	4.137e+05	2.988e+05
102	8	164	4.29	39.97	-85.65	-6.16	-39.51	-60.56	9.545e+04	-2.026e+04	2.106e+04	5.413e+04	5.544e+04
		141	4.78	52.70	-69.21	-1.30	-15.21	-60.56	1.132e+05	-1.450e+04	2.498e+04	7.372e+04	5.902e+04
		142	4.97	55.15	-67.49	3.47	-15.81	-60.56	1.178e+05	-1.522e+04	2.924e+04	7.332e+04	6.275e+04
		165	4.56	44.39	-82.00	-0.74	-36.87	-60.56	1.027e+05	-2.047e+04	2.584e+04	5.634e+04	5.965e+04
102	11	164	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		141	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
		142	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		165	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
103	1	165	42.67	224.10	-466.09	-4.17	-237.83	-324.71	8.121e+05	-4.789e+04	2.870e+05	4.772e+05	4.193e+05
		142	43.37	270.95	-397.04	15.15	-141.24	-324.71	8.330e+05	-4.017e+04	2.917e+05	5.011e+05	4.239e+05
		147	43.73	282.70	-391.02	35.48	-143.80	-324.71	8.397e+05	-4.149e+04	2.976e+05	5.006e+05	4.287e+05
		170	43.13	243.31	-450.98	18.92	-226.59	-324.71	8.218e+05	-4.816e+04	2.935e+05	4.801e+05	4.248e+05
103	5	165	28.38	149.40	-310.73	-2.78	-158.55	-216.48	5.385e+05	-3.480e+04	1.882e+05	3.155e+05	2.795e+05
		142	28.86	180.64	-264.69	10.10	-94.16	-216.48	5.526e+05	-2.971e+04	1.914e+05	3.314e+05	2.826e+05
		147	29.10	188.47	-260.68	23.65	-95.87	-216.48	5.571e+05	-3.053e+04	1.954e+05	3.311e+05	2.858e+05
		170	28.69	162.21	-300.65	12.61	-151.06	-216.48	5.451e+05	-3.493e+04	1.926e+05	3.175e+05	2.832e+05
103	8	165	5.37	29.88	-62.15	-0.56	-31.71	-43.30	9.074e+04	-2.421e+04	1.920e+04	4.732e+04	5.573e+04
		142	5.49	36.13	-52.94	2.02	-18.83	-43.30	9.391e+04	-2.356e+04	1.984e+04	5.051e+04	5.670e+04
		147	5.54	37.69	-52.14	4.73	-19.17	-43.30	9.501e+04	-2.335e+04	2.111e+04	5.055e+04	5.732e+04
		170	5.43	32.44	-60.13	2.52	-30.21	-43.30	9.230e+04	-2.392e+04	2.056e+04	4.782e+04	5.649e+04
103	11	165	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		142	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		147	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		170	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
104	1	170	40.28	174.05	-339.89	22.97	-188.80	-234.14	6.771e+05	-7.577e+04	2.407e+05	3.606e+05	3.716e+05
		147	38.97	193.91	-306.43	31.85	-144.38	-234.14	6.433e+05	-9.351e+04	2.321e+05	3.177e+05	3.659e+05
		148	38.29	199.14	-304.51	40.03	-145.41	-234.14	6.336e+05	-8.869e+04	2.259e+05	3.190e+05	3.581e+05
		171	39.45	181.95	-333.97	32.26	-184.28	-234.14	6.633e+05	-7.332e+04	2.334e+05	3.566e+05	3.631e+05
104	5	170	26.82	116.03	-226.59	15.31	-125.87	-156.09	4.496e+05	-5.235e+04	1.581e+05	2.391e+05	2.477e+05
		147	25.96	129.27	-204.29	21.23	-96.25	-156.09	4.272e+05	-6.430e+04	1.524e+05	2.105e+05	2.440e+05
		148	25.50	132.76	-203.01	26.69	-96.94	-156.09	4.208e+05	-6.097e+04	1.484e+05	2.114e+05	2.388e+05
		171	26.27	121.30	-222.65	21.51	-122.85	-156.09	4.405e+05	-5.062e+04	1.534e+05	2.365e+05	2.420e+05
104	8	170	5.17	23.21	-45.32	3.06	-25.17	-31.22	7.919e+04	-2.163e+04	1.741e+04	4.015e+04	4.911e+04
		147	5.08	25.85	-40.86	4.25	-19.25	-31.22	7.541e+04	-2.472e+04	1.627e+04	3.442e+04	4.923e+04
		148	4.99	26.55	-40.60	5.34	-19.39	-31.22	7.465e+04	-2.335e+04	1.649e+04	3.481e+04	4.814e+04
		171	5.07	24.26	-44.53	4.30	-24.57	-31.22	7.796e+04	-2.065e+04	1.749e+04	3.982e+04	4.803e+04
104	11	170	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	-537.93
		147	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	537.94
		148	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	470.70
		171	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.69
105	1	171	36.11	140.48	-258.65	34.76	-152.92	-176.13	5.361e+05	-7.827e+04	1.911e+05	2.667e+05	3.048e+05
		148	34.07	147.90	-244.75	38.31	-135.15	-176.13	4.849e+05	-1.067e+05	1.779e+05	2.003e+05	2.955e+05
		149	32.97	149.90	-244.20	41.22	-135.52	-176.13	4.708e+05	-9.992e+04	1.688e+05	2.021e+05	2.849e+05
		172	34.83	143.34	-256.59	38.06	-151.31	-176.13	5.167e+05	-7.507e+04	1.806e+05	2.610e+05	2.931e+05
105	5	171	24.05	93.66	-172.43	23.17	-101.95	-117.42	3.563e+05	-5.326e+04	1.257e+05	1.773e+05	2.031e+05
		148	22.70	98.60	-163.16	25.54	-90.10	-117.42	3.223e+05	-7.230e+04	1.168e+05	1.331e+05	1.971e+05
		149	21.97	99.93	-162.80	27.48	-90.35	-117.42	3.130e+05	-6.770e+04	1.110e+05	1.343e+05	1.900e+05
		172	23.20	95.56	-171.06	25.37	-100.88	-117.42	3.435e+05	-5.103e+04	1.188e+05	1.736e+05	1.953e+05
105	8	171	4.69	18.73	-34.49	4.63	-20.39	-23.48	6.490e+04	-1.736e+04	1.467e+04	3.287e+04	4.011e+04
		148	4.51	19.72	-32.63	5.11	-18.02	-23.48	5.879e+04	-2.186e+04	1.290e+04	2.402e+04	3.994e+04
		149	4.37	19.99	-32.56	5.50	-18.07	-23.48	5.755e+04	-2.025e+04	1.282e+04	2.448e+04	3.846e+04
		172	4.54	19.11	-34.21	5.07	-20.18	-23.48	6.301e+04	-1.627e+04	1.439e+04	3.234e+04	3.861e+04
105	11	171	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-1.307e+04	-3237.55	-647.41
		148	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.54	647.42
		149	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.34	575.48
		172	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48

106	1	172	31.70	116.69	-203.53	39.23	-126.08	-137.12	4.136e+05	-7.205e+04	1.468e+05	1.948e+05	2.416e+05
		149	29.44	118.18	-200.48	39.99	-122.30	-137.12	3.600e+05	-1.033e+05	1.326e+05	1.241e+05	2.316e+05
		150	28.23	118.58	-200.40	40.55	-122.37	-137.12	3.461e+05	-9.660e+04	1.238e+05	1.257e+05	2.214e+05
		173	30.32	117.24	-203.14	39.87	-125.77	-137.12	3.948e+05	-6.897e+04	1.366e+05	1.893e+05	2.304e+05
106	5	172	21.12	77.79	-135.68	26.16	-84.05	-91.41	2.751e+05	-4.859e+04	9.663e+04	1.299e+05	1.610e+05
		149	19.63	78.78	-133.66	26.66	-81.53	-91.41	2.395e+05	-6.951e+04	8.720e+04	8.279e+04	1.545e+05
		150	18.82	79.05	-133.60	27.03	-81.58	-91.41	2.304e+05	-6.496e+04	8.149e+04	8.391e+04	1.477e+05
		173	20.20	78.16	-135.43	26.58	-83.85	-91.41	2.627e+05	-4.645e+04	8.997e+04	1.263e+05	1.535e+05
106	8	172	4.16	15.56	-27.14	5.23	-16.81	-18.28	5.169e+04	-1.332e+04	1.194e+04	2.642e+04	3.169e+04
		149	3.95	15.76	-26.73	5.33	-16.31	-18.28	4.513e+04	-1.807e+04	1.006e+04	1.700e+04	3.141e+04
		150	3.79	15.81	-26.72	5.41	-16.32	-18.28	4.389e+04	-1.657e+04	9892.76	1.742e+04	2.999e+04
		173	3.99	15.63	-27.09	5.32	-16.77	-18.28	4.982e+04	-1.233e+04	1.159e+04	2.590e+04	3.024e+04
106	11	172	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.55	567.43	-644.37
		149	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	-9221.55	567.42	644.37
		150	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	-7997.92	812.14	579.93
		173	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
107	1	173	27.34	98.63	-163.37	40.16	-104.90	-109.09	3.112e+05	-6.229e+04	1.098e+05	1.391e+05	1.862e+05
		150	25.11	97.25	-166.39	39.42	-108.57	-109.09	2.616e+05	-9.258e+04	9.651e+04	7.249e+04	1.767e+05
		151	23.90	96.88	-166.45	38.93	-108.51	-109.09	2.495e+05	-8.668e+04	8.892e+04	7.388e+04	1.679e+05
		174	26.00	98.13	-163.71	39.60	-105.18	-109.09	2.951e+05	-5.961e+04	1.010e+05	1.344e+05	1.765e+05
107	5	173	18.22	65.75	-108.92	26.77	-69.94	-72.73	2.072e+05	-4.173e+04	7.239e+04	9.309e+04	1.240e+05
		150	16.74	64.83	-110.93	26.28	-72.38	-72.73	1.742e+05	-6.200e+04	6.351e+04	4.869e+04	1.179e+05
		151	15.94	64.58	-110.97	25.96	-72.34	-72.73	1.662e+05	-5.799e+04	5.858e+04	4.964e+04	1.120e+05
		174	17.32	65.42	-109.14	26.40	-70.12	-72.73	1.965e+05	-3.987e+04	6.666e+04	9.000e+04	1.176e+05
107	8	173	3.62	13.15	-21.78	5.35	-13.99	-14.55	4.011e+04	-9855.43	9480.46	2.078e+04	2.434e+04
		150	3.40	12.97	-22.19	5.26	-14.48	-14.55	3.393e+04	-1.433e+04	7704.53	1.190e+04	2.404e+04
		151	3.25	12.92	-22.19	5.19	-14.47	-14.55	3.284e+04	-1.306e+04	7532.27	1.225e+04	2.283e+04
		174	3.46	13.08	-21.83	5.28	-14.02	-14.55	3.850e+04	-9029.24	9146.76	2.032e+04	2.310e+04
107	11	173	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	-589.07
		150	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	-6240.14	2708.75	589.07
		151	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		174	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
108	1	174	23.07	84.20	-132.30	39.32	-87.41	-87.77	2.272e+05	-5.103e+04	8.029e+04	9.592e+04	1.389e+05
		151	21.02	81.49	-138.56	37.82	-94.89	-87.77	1.844e+05	-7.852e+04	6.858e+04	3.733e+04	1.305e+05
		152	19.88	80.78	-138.65	36.90	-94.77	-87.77	1.745e+05	-7.361e+04	6.243e+04	3.845e+04	1.235e+05
		175	21.83	83.27	-132.92	38.27	-87.92	-87.77	2.142e+05	-4.883e+04	7.318e+04	9.215e+04	1.312e+05
108	5	174	15.38	56.14	-88.20	26.21	-58.27	-58.51	1.514e+05	-3.401e+04	5.299e+04	6.444e+04	9.255e+04
		151	14.01	54.33	-92.38	25.21	-63.26	-58.51	1.229e+05	-5.238e+04	4.518e+04	2.538e+04	8.710e+04
		152	13.26	53.85	-92.44	24.60	-63.18	-58.51	1.164e+05	-4.905e+04	4.119e+04	2.615e+04	8.238e+04
		175	14.55	55.51	-88.61	25.52	-58.61	-58.51	1.428e+05	-3.249e+04	4.835e+04	6.195e+04	8.737e+04
108	8	174	3.08	11.23	-17.64	5.24	-11.65	-11.70	3.019e+04	-6992.50	7357.04	1.584e+04	1.810e+04
		151	2.86	10.87	-18.48	5.04	-12.65	-11.70	2.477e+04	-1.095e+04	5794.68	8029.56	1.783e+04
		152	2.72	10.77	-18.49	4.92	-12.64	-11.70	2.388e+04	-9924.94	5642.63	8311.62	1.685e+04
		175	2.94	11.10	-17.72	5.10	-11.72	-11.70	2.888e+04	-6335.20	7074.79	1.547e+04	1.710e+04
108	11	174	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		151	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
		152	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		175	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
109	1	175	19.30	72.55	-108.38	37.43	-73.27	-71.56	1.625e+05	-4.114e+04	5.718e+04	6.421e+04	1.018e+05
		152	17.49	69.32	-116.21	35.59	-82.48	-71.56	1.269e+05	-6.516e+04	4.725e+04	1.453e+04	9.465e+04
		153	16.45	68.49	-116.30	34.55	-82.35	-71.56	1.190e+05	-6.123e+04	4.242e+04	1.540e+04	8.912e+04
		176	18.18	71.48	-109.08	36.25	-73.85	-71.56	1.522e+05	-3.939e+04	5.160e+04	6.125e+04	9.570e+04
109	5	175	12.87	48.37	-72.26	24.96	-48.85	-47.70	1.084e+05	-2.729e+04	3.780e+04	4.334e+04	6.780e+04
		152	11.66	46.21	-77.48	23.73	-54.99	-47.70	8.471e+04	-4.333e+04	3.117e+04	1.022e+04	6.316e+04
		153	10.97	45.66	-77.53	23.03	-54.90	-47.70	7.951e+04	-4.066e+04	2.804e+04	1.081e+04	5.946e+04
		176	12.12	47.65	-72.72	24.17	-49.23	-47.70	1.016e+05	-2.608e+04	3.415e+04	4.138e+04	6.375e+04
109	8	175	2.60	9.67	-14.45	4.99	-9.77	-9.54	2.230e+04	-4865.74	5592.83	1.185e+04	1.322e+04
		152	2.38	9.24	-15.50	4.75	-11.00	-9.54	1.772e+04	-8233.69	4268.07	5221.91	1.297e+04
		153	2.26	9.13	-15.51	4.61	-10.98	-9.54	1.701e+04	-7434.81	4136.12	5440.09	1.221e+04
		176	2.47	9.53	-14.54	4.83	-9.85	-9.54	2.127e+04	-4359.99	5358.97	1.155e+04	1.244e+04
109	11	175	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.52
		152	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
		153	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		176	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
110	1	176	15.92	62.75	-89.09	35.05	-61.39	-58.64	1.129e+05	-3.241e+04	3.956e+04	4.096e+04	7.267e+04
		153	14.39	59.43	-97.49	33.10	-71.15	-58.64	8.435e+04	-5.283e+04	3.139e+04	129.25	6.679e+04
		154	13.45	58.60	-97.55	32.07	-71.02	-58.64	7.824e+04	-4.976e+04	2.769e+04	789.83	6.257e+04
		177	14.91	61.70	-89.77	33.88	-61.95	-58.64	1.050e+05	-3.106e+04	3.528e+04	3.871e+04	6.803e+04
110	5	176	10.61	41.84	-59.39	23.37	-40.92	-39.10	7.541e+04	-2.141e+04	2.619e+04	2.782e+04	4.840e+04
		153	9.59	39.62	-64.99	22.06	-47.43	-39.10	5.637e+04	-3.503e+04	2.075e+04	592.77	4.457e+04
		154	8.97	39.07	-65.03	21.38	-47.35	-39.10	5.233e+04	-3.295e+04	1.834e+04	1045.44	4.175e+04
		177	9.94	41.13	-59.84	22.59	-41.30	-39.10	7.020e+04	-2.047e+04	2.340e+04	2.632e+04	4.531e+04
110	8	176	2.16	8.37	-11.88	4.67	-8.18	-7.82	1.604e+04	-3294.71	4149.24	8597.92	9408.94
		153	1.96	7.92	-13.00	4.41	-9.49	-7.82	1.229e+04	-6079.02	3060.31	3153.24	9185.68
		154	1.84	7.81	-13.01	4.28	-9.47	-7.82	1.174e+04	-5472.23	2947.79	3317.41	8602.85
		177	2.05	8.23	-11.97	4.52	-8.26	-7.82	1.525e+04	-2916.36	3958.94	8373.18	8810.16
110	11	176	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42

		153	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
		154	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		177	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	-315.18
111	1	177	12.81	54.27	-72.81	32.47	-51.01	-47.91	7.536e+04	-2.461e+04	2.650e+04	2.425e+04	4.998e+04
		154	11.62	51.10	-81.14	30.55	-60.59	-47.91	5.338e+04	-4.148e+04	2.003e+04	-8126.58	4.529e+04
		155	10.79	50.32	-81.18	29.61	-60.47	-47.91	4.879e+04	-3.915e+04	1.728e+04	-7640.33	4.217e+04
		178	11.93	53.29	-73.42	31.40	-51.53	-47.91	6.949e+04	-2.359e+04	2.332e+04	2.258e+04	4.654e+04
111	5	177	8.54	36.18	-48.54	21.64	-34.00	-31.94	5.038e+04	-1.619e+04	1.758e+04	1.661e+04	3.328e+04
		154	7.74	34.07	-54.09	20.37	-40.39	-31.94	3.572e+04	-2.743e+04	1.326e+04	-4975.47	3.023e+04
		155	7.19	33.55	-54.12	19.74	-40.31	-31.94	3.269e+04	-2.586e+04	1.148e+04	-4642.48	2.815e+04
		178	7.96	35.53	-48.95	20.93	-34.35	-31.94	4.650e+04	-1.549e+04	1.550e+04	1.550e+04	3.100e+04
111	8	177	1.75	7.24	-9.71	4.33	-6.80	-6.39	1.110e+04	-2136.72	2990.27	5971.48	6447.53
		154	1.57	6.81	-10.82	4.07	-8.08	-6.39	8150.33	-4368.67	2126.92	1654.74	6255.05
		155	1.47	6.71	-10.82	3.95	-8.06	-6.39	7729.79	-3921.66	2033.87	1774.26	5824.28
		178	1.65	7.11	-9.79	4.19	-6.87	-6.39	1.051e+04	-1862.64	2839.66	5803.22	6003.93
111	11	177	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		154	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		155	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		178	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
112	1	178	10.20	46.95	-59.55	29.71	-42.32	-39.22	4.861e+04	-1.852e+04	1.702e+04	1.307e+04	3.351e+04
		155	9.36	44.05	-67.45	27.91	-51.32	-39.22	3.217e+04	-3.219e+04	1.200e+04	-1.202e+04	2.986e+04
		156	8.64	43.35	-67.48	27.09	-51.21	-39.22	2.880e+04	-3.048e+04	9990.56	-1.167e+04	2.759e+04
		179	9.44	46.09	-60.09	28.77	-42.78	-39.22	4.432e+04	-1.777e+04	1.470e+04	1.185e+04	3.101e+04
112	5	178	6.80	31.30	-39.70	19.81	-28.21	-26.15	3.254e+04	-1.214e+04	1.132e+04	9080.10	2.231e+04
		155	6.23	29.36	-44.97	18.61	-34.21	-26.15	2.157e+04	-2.124e+04	7971.07	-7647.84	1.993e+04
		156	5.75	28.90	-44.99	18.06	-34.14	-26.15	1.934e+04	-2.009e+04	6662.12	-7407.79	1.842e+04
		179	6.29	30.72	-40.06	19.18	-28.52	-26.15	2.970e+04	-1.163e+04	9798.61	8274.65	2.065e+04
112	8	178	1.40	6.26	-7.94	3.96	-5.64	-5.23	7457.82	-1366.39	2086.83	4004.60	4306.65
		155	1.24	5.87	-8.99	3.72	-6.84	-5.23	5197.32	-3120.60	1417.72	659.01	4141.62
		156	1.15	5.78	-9.00	3.61	-6.83	-5.23	4883.07	-2798.40	1340.70	743.97	3829.13
		179	1.31	6.14	-8.01	3.84	-5.70	-5.23	7021.22	-1172.77	1967.99	3880.46	3983.84
112	11	178	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		155	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
		156	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		179	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
113	1	179	7.88	40.40	-48.00	26.97	-34.56	-31.74	2.960e+04	-1.336e+04	1.042e+04	5823.94	2.135e+04
		156	7.41	37.84	-55.22	25.34	-42.71	-31.74	1.796e+04	-2.408e+04	6689.55	-1.281e+04	1.862e+04
		157	6.81	37.24	-55.23	24.63	-42.62	-31.74	1.559e+04	-2.288e+04	5275.32	-1.256e+04	1.704e+04
		180	7.23	39.67	-48.45	26.17	-34.95	-31.74	2.658e+04	-1.282e+04	8782.12	4971.24	1.961e+04
113	5	179	5.25	26.94	-32.00	17.98	-23.04	-21.16	1.984e+04	-8730.13	6945.37	4163.35	1.422e+04
		156	4.93	25.23	-36.81	16.89	-28.48	-21.16	1.207e+04	-1.586e+04	4461.38	-8256.59	1.243e+04
		157	4.53	24.83	-36.82	16.42	-28.42	-21.16	1.050e+04	-1.505e+04	3539.08	-8090.37	1.138e+04
		180	4.82	26.44	-32.30	17.45	-23.30	-21.16	1.784e+04	-8365.94	5876.95	3598.99	1.305e+04
113	8	179	1.09	5.39	-6.40	3.60	-4.61	-4.23	4746.09	-833.25	1397.58	2515.25	2733.12
		156	0.95	5.05	-7.36	3.38	-5.70	-4.23	3099.25	-2167.20	900.78	31.27	2597.08
		157	0.87	4.97	-7.36	3.28	-5.68	-4.23	2872.78	-1944.23	839.42	89.13	2379.11
		180	1.01	5.29	-6.46	3.49	-4.66	-4.23	4435.92	-701.93	1306.99	2427.00	2507.15
113	11	179	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	12.63	2105.44	-137.76
		156	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
		157	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		180	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
114	1	180	5.98	34.60	-38.40	24.19	-27.98	-25.53	1.701e+04	-9451.38	5955.27	1604.03	1.305e+04
		157	5.89	32.40	-44.82	22.75	-35.18	-25.53	9136.28	-1.765e+04	3276.24	-1.179e+04	1.107e+04
		158	5.40	31.89	-44.83	22.16	-35.10	-25.53	7527.02	-1.685e+04	2307.91	-1.163e+04	9998.50
		181	5.44	33.98	-38.77	23.52	-28.31	-25.53	1.495e+04	-9087.08	4838.11	1023.39	1.187e+04
114	5	180	3.98	23.07	-25.60	16.13	-18.65	-17.02	1.142e+04	-6163.30	3985.97	1274.13	8688.18
		157	3.91	21.60	-29.88	15.17	-23.45	-17.02	6158.68	-1.161e+04	2199.95	-7655.99	7395.17
		158	3.58	21.26	-29.89	14.77	-23.40	-17.02	5095.18	-1.107e+04	1567.52	-7544.34	6677.42
		181	3.62	22.66	-25.85	15.68	-18.87	-17.02	1.006e+04	-5914.59	3254.32	889.66	7898.59
114	8	180	0.82	4.61	-5.12	3.23	-3.73	-3.40	2875.68	-502.51	890.80	1482.37	1662.99
		157	0.72	4.32	-5.98	3.03	-4.69	-3.40	1724.06	-1494.12	533.60	-303.66	1553.68
		158	0.65	4.25	-5.98	2.95	-4.68	-3.40	1565.46	-1345.17	485.86	-265.58	1405.98
		181	0.76	4.53	-5.17	3.14	-3.77	-3.40	2660.78	-416.33	823.22	1421.22	1509.22
114	11	180	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		157	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		158	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		181	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
115	1	181	4.41	29.34	-30.08	21.44	-22.19	-20.17	8999.79	-6430.29	3114.40	-544.90	7494.95
		158	4.71	27.49	-35.66	20.20	-28.38	-20.17	4017.29	-1.245e+04	1280.72	-9713.30	6129.82
		159	4.35	27.07	-35.66	19.72	-28.32	-20.17	2989.55	-1.195e+04	646.79	-9608.46	5432.68
		182	3.97	28.83	-30.39	20.90	-22.45	-20.17	7656.86	-6195.49	2383.97	-922.60	6725.96
115	5	181	2.93	19.56	-20.06	14.29	-14.79	-13.45	6057.34	-4186.19	2095.33	-224.18	4988.73
		158	3.11	18.33	-23.77	13.47	-18.92	-13.45	2723.31	-8186.88	872.88	-6336.45	4094.44
		159	2.87	18.05	-23.78	13.15	-18.88	-13.45	2043.48	-7850.30	458.16	-6264.98	3629.27
		182	2.64	19.22	-20.26	13.93	-14.97	-13.45	5167.85	-4025.99	1616.27	-474.41	4476.49
115	8	181	0.60	3.91	-4.01	2.86	-2.96	-2.69	1619.80	-298.08	532.70	789.02	950.34
		158	0.53	3.67	-4.75	2.69	-3.78	-2.69	865.82	-1011.05	288.21	-433.43	866.30

		159	0.47	3.61	-4.76	2.63	-3.78	-2.69	760.39	-917.40	252.64	-409.66	770.77
		182	0.54	3.84	-4.05	2.79	-2.99	-2.69	1476.94	-244.22	484.27	748.45	850.38
115	11	181	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		158	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	59.25
		159	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		182	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
116	1	182	3.11	24.48	-22.61	18.77	-16.89	-15.38	4239.09	-4076.19	1455.41	-1292.51	3924.06
		159	3.80	22.99	-27.29	17.74	-22.04	-15.38	1393.95	-8187.03	296.08	-7089.16	3051.78
		160	3.55	22.65	-27.29	17.36	-21.99	-15.38	797.21	-7913.31	-89.03	-7027.07	2633.28
		183	2.78	24.08	-22.84	18.33	-17.10	-15.38	3432.31	-3940.23	1012.33	-1520.25	3461.95
116	5	182	2.07	16.32	-15.07	12.51	-11.26	-10.25	2861.20	-2651.39	986.49	-776.67	2611.51
		159	2.51	15.33	-18.19	11.82	-14.69	-10.25	956.38	-5383.89	213.60	-4641.10	2039.05
		160	2.34	15.10	-18.19	11.57	-14.66	-10.25	561.32	-5199.02	-38.85	-4598.85	1759.83
		183	1.84	16.05	-15.23	12.22	-11.40	-10.25	2326.30	-2558.54	695.40	-927.64	2303.66
116	8	182	0.41	3.26	-3.01	2.50	-2.25	-2.05	820.26	-171.81	294.08	354.37	495.12
		159	0.38	3.07	-3.64	2.36	-2.94	-2.05	377.28	-656.29	139.50	-418.52	434.99
		160	0.34	3.02	-3.64	2.31	-2.93	-2.05	313.49	-603.57	114.82	-404.91	377.79
		183	0.37	3.21	-3.05	2.44	-2.28	-2.05	731.73	-140.72	261.67	329.34	434.91
116	11	182	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		159	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
		160	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		183	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
117	1	183	2.13	20.04	-16.26	16.11	-12.32	-11.29	1727.75	-2423.05	564.65	-1259.95	1864.13
		160	3.05	18.88	-20.06	15.28	-16.46	-11.29	261.79	-5007.09	-110.35	-4634.95	1349.91
		161	2.89	18.62	-20.06	14.99	-16.42	-11.29	-52.00	-4875.86	-326.77	-4601.09	1118.01
		184	1.89	19.73	-16.44	15.78	-12.48	-11.29	1283.93	-2354.64	316.09	-1386.80	1607.74
117	5	183	1.41	13.36	-10.84	10.74	-8.22	-7.52	1171.06	-1576.69	387.81	-793.44	1240.44
		160	2.01	12.59	-13.38	10.19	-10.97	-7.52	189.60	-3295.24	-62.19	-3043.44	902.26
		161	1.91	12.42	-13.37	9.99	-10.95	-7.52	-18.24	-3206.58	-204.38	-3020.45	747.54
		184	1.25	13.15	-10.96	10.52	-8.32	-7.52	876.45	-1529.85	224.19	-877.59	1069.62
117	8	183	0.27	2.67	-2.17	2.15	-1.64	-1.50	367.46	-101.60	145.51	120.35	234.19
		160	0.29	2.52	-2.68	2.04	-2.19	-1.50	136.53	-410.67	55.51	-329.65	194.35
		161	0.26	2.48	-2.67	2.00	-2.19	-1.50	102.02	-384.92	39.64	-322.54	162.74
		184	0.23	2.63	-2.19	2.10	-1.66	-1.50	316.61	-85.23	125.35	106.03	200.69
117	11	183	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		160	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		161	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		184	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
118	1	184	1.37	15.91	-10.61	13.50	-8.20	-7.63	569.01	-1251.54	167.48	-850.01	754.84
		161	2.30	15.07	-13.55	12.87	-11.35	-7.63	-69.68	-2631.34	-168.94	-2532.08	494.38
		162	2.21	14.88	-13.54	12.66	-11.32	-7.63	-209.72	-2580.31	-273.70	-2516.34	384.15
		185	1.22	15.68	-10.74	13.26	-8.32	-7.63	362.02	-1225.32	47.43	-910.72	632.77
118	5	184	0.91	10.61	-7.07	9.00	-5.47	-5.08	388.21	-815.98	118.12	-545.90	502.28
		161	1.52	10.05	-9.03	8.58	-7.57	-5.08	-39.06	-1734.38	-106.16	-1667.28	330.53
		162	1.46	9.92	-9.03	8.44	-7.55	-5.08	-131.87	-1699.93	-175.18	-1656.62	257.00
		185	0.80	10.46	-7.16	8.84	-5.54	-5.08	250.64	-797.95	38.90	-586.21	420.95
118	8	184	0.16	2.12	-1.41	1.80	-1.09	-1.02	136.53	-58.76	62.30	15.48	94.80
		161	0.23	2.01	-1.81	1.72	-1.51	-1.02	38.28	-229.64	17.44	-208.80	71.77
		162	0.21	1.98	-1.81	1.69	-1.51	-1.02	22.65	-219.82	8.52	-205.69	56.80
		185	0.13	2.09	-1.43	1.77	-1.11	-1.02	111.52	-51.80	51.34	8.39	78.79
118	11	184	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		161	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		162	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		185	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
119	1	185	0.83	12.08	-5.63	10.94	-4.49	-4.35	148.41	-496.09	37.47	-385.16	243.29
		162	1.48	11.53	-7.73	10.49	-6.70	-4.35	-68.67	-1043.30	-89.91	-1022.06	142.31
		163	1.43	11.40	-7.73	10.35	-6.68	-4.35	-117.16	-1028.22	-128.83	-1016.55	102.43
		186	0.77	11.92	-5.71	10.77	-4.57	-4.35	75.12	-489.45	-6.99	-407.34	199.03
119	5	185	0.55	8.05	-3.75	7.29	-2.99	-2.90	102.21	-324.75	27.81	-250.35	161.96
		162	0.98	7.69	-5.16	7.00	-4.46	-2.90	-42.81	-689.26	-57.11	-674.95	95.11
		163	0.95	7.60	-5.15	6.90	-4.45	-2.90	-74.99	-679.11	-82.87	-671.24	68.52
		186	0.51	7.95	-3.81	7.18	-3.04	-2.90	53.44	-320.18	-1.64	-265.10	132.46
119	8	185	0.09	1.61	-0.75	1.46	-0.60	-0.58	40.79	-29.84	22.45	-11.50	30.96
		162	0.16	1.54	-1.03	1.40	-0.89	-0.58	9.42	-100.37	5.47	-96.42	20.45
		163	0.15	1.52	-1.03	1.38	-0.89	-0.58	3.78	-97.73	1.49	-95.44	15.07
		186	0.08	1.59	-0.76	1.44	-0.61	-0.58	31.54	-28.01	17.74	-14.21	25.13
119	11	185	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		162	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		163	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		186	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
120	1	186	0.40	8.62	-1.32	8.42	-1.12	-1.39	35.61	-106.51	13.34	-84.25	51.65
		163	0.65	8.34	-2.61	8.16	-2.44	-1.39	-9.15	-221.86	-13.34	-217.67	29.56
		29	0.63	8.26	-2.61	8.08	-2.43	-1.39	-19.17	-219.00	-21.53	-216.64	21.57
		30	0.38	8.53	-1.36	8.33	-1.17	-1.39	20.73	-105.46	4.05	-88.78	42.75
120	5	186	0.27	5.75	-0.88	5.61	-0.75	-0.92	24.62	-70.09	9.78	-55.25	34.43
		163	0.43	5.56	-1.74	5.44	-1.62	-0.92	-5.22	-146.99	-8.01	-144.20	19.71
		29	0.42	5.50	-1.74	5.38	-1.62	-0.92	-11.90	-145.08	-13.47	-143.51	14.38

		30	0.25	5.68	-0.91	5.55	-0.78	-0.92	14.71	-69.40	3.58	-58.27	28.50
120	8	186	0.05	1.15	-0.18	1.12	-0.15	-0.18	10.22	-8.54	7.22	-5.54	6.87
		163	0.08	1.11	-0.35	1.09	-0.32	-0.18	4.23	-23.90	3.67	-23.33	3.96
		29	0.08	1.10	-0.35	1.08	-0.32	-0.18	2.91	-23.51	2.59	-23.19	2.89
		30	0.05	1.14	-0.18	1.11	-0.16	-0.18	8.24	-8.39	6.00	-6.14	5.68
120	11	186	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		163	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		29	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		30	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
121	1	189	7.17	4.55	-2.34	-1.13	3.34	-2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	-8.699e+04
		1	7.17	4.55	-2.34	-1.13	3.34	-2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	-8.699e+04
		166	7.17	4.55	-2.34	-1.13	3.34	-2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	-8.699e+04
121	5	189	4.80	3.03	-1.56	-0.75	2.23	-1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	-5.800e+04
		1	4.80	3.03	-1.56	-0.75	2.23	-1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	-5.800e+04
		166	4.80	3.03	-1.56	-0.75	2.23	-1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	-5.800e+04
121	8	189	1.47	0.61	-0.31	-0.15	0.45	-0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	-1.160e+04
		1	1.47	0.61	-0.31	-0.15	0.45	-0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	-1.160e+04
		166	1.47	0.61	-0.31	-0.15	0.45	-0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	-1.160e+04
121	11	189	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
		166	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
122	1	189	6.36	4.98	-3.00	1.01	0.97	3.99	7.957e+04	-1.148e+05	-2.485e+04	-1.036e+04	9.690e+04
		166	7.72	7.74	-0.87	1.82	5.04	3.99	1.644e+05	-6.572e+04	-2545.25	1.012e+05	1.027e+05
		167	11.93	7.52	-0.65	2.56	4.30	3.99	2.303e+05	-1.321e+05	1.734e+04	8.082e+04	1.784e+05
		190	11.42	6.09	-1.89	2.12	2.08	3.99	1.880e+05	-1.628e+05	5170.63	1.998e+04	1.752e+05
122	5	189	4.26	3.32	-2.00	0.67	0.65	2.66	4.851e+04	-8.106e+04	-2.107e+04	-1.148e+04	6.461e+04
		166	5.11	5.16	-0.58	1.21	3.36	2.66	1.050e+05	-4.833e+04	-6196.56	6.288e+04	6.845e+04
		167	7.93	5.01	-0.44	1.71	2.87	2.66	1.489e+05	-9.263e+04	7018.39	4.930e+04	1.189e+05
		190	7.61	4.06	-1.26	1.41	1.39	2.66	1.208e+05	-1.131e+05	-1093.45	8739.33	1.168e+05
122	8	189	1.42	0.66	-0.40	0.13	0.13	0.53	-1.750e+04	-4.344e+04	-3.121e+04	-2.973e+04	1.295e+04
		166	1.28	1.03	-0.12	0.24	0.67	0.53	-6334.85	-3.676e+04	-2.824e+04	-1.486e+04	1.366e+04
		167	1.77	1.00	-0.09	0.34	0.57	0.53	2390.78	-4.585e+04	-2.584e+04	-1.762e+04	2.377e+04
		190	1.82	0.81	-0.25	0.28	0.28	0.53	-3201.57	-5.000e+04	-2.746e+04	-2.573e+04	2.338e+04
122	11	189	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		166	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
		167	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		190	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
123	1	190	13.72	8.88	-4.69	2.11	2.08	6.79	2.288e+05	-1.921e+05	6844.53	2.994e+04	2.101e+05
		167	15.23	12.49	-1.75	3.20	7.54	6.79	3.265e+05	-1.271e+05	3.394e+04	1.654e+05	2.171e+05
		168	18.89	12.32	-1.58	3.88	6.85	6.79	3.839e+05	-1.852e+05	5.027e+04	1.483e+05	2.803e+05
		191	18.02	9.91	-3.67	3.13	3.11	6.79	3.192e+05	-2.323e+05	3.165e+04	5.522e+04	2.755e+05
123	5	190	9.14	5.92	-3.13	1.41	1.39	4.52	1.479e+05	-1.327e+05	-8.74	1.523e+04	1.401e+05
		167	10.11	8.33	-1.17	2.14	5.02	4.52	2.130e+05	-8.938e+04	1.805e+04	1.055e+05	1.447e+05
		168	12.56	8.21	-1.05	2.59	4.57	4.52	2.512e+05	-1.282e+05	2.888e+04	9.416e+04	1.869e+05
		191	12.00	6.60	-2.44	2.09	2.07	4.52	2.081e+05	-1.596e+05	1.647e+04	3.207e+04	1.837e+05
123	8	190	2.08	1.18	-0.63	0.28	0.28	0.90	1721.08	-5.448e+04	-2.743e+04	-2.533e+04	2.808e+04
		167	2.04	1.67	-0.23	0.43	1.00	0.90	1.450e+04	-4.559e+04	-2.382e+04	-7266.35	2.888e+04
		168	2.53	1.64	-0.21	0.52	0.91	0.90	2.202e+04	-5.366e+04	-2.202e+04	-9615.72	3.733e+04
		191	2.55	1.32	-0.49	0.42	0.41	0.90	1.353e+04	-6.007e+04	-2.451e+04	-2.203e+04	3.678e+04
123	11	190	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		167	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
		168	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.16
		191	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.17
124	1	191	19.35	12.40	-6.22	3.12	3.05	9.31	3.423e+05	-2.499e+05	3.260e+04	5.981e+04	2.957e+05
		168	21.50	17.12	-2.34	4.56	10.22	9.31	4.751e+05	-1.600e+05	6.972e+04	2.454e+05	3.052e+05
		169	25.28	16.94	-2.17	5.24	9.54	9.31	5.349e+05	-2.207e+05	8.660e+04	2.276e+05	3.712e+05
		192	23.86	13.42	-5.20	4.15	4.08	9.31	4.365e+05	-2.920e+05	5.832e+04	8.616e+04	3.640e+05
124	5	191	12.88	8.27	-4.15	2.08	2.04	6.21	2.234e+05	-1.714e+05	1.706e+04	3.492e+04	1.972e+05
		168	14.28	11.41	-1.56	3.04	6.81	6.21	3.119e+05	-1.114e+05	4.181e+04	1.586e+05	2.034e+05
		169	16.81	11.30	-1.44	3.49	6.36	6.21	3.517e+05	-1.520e+05	5.298e+04	1.467e+05	2.474e+05
		192	15.88	8.95	-3.46	2.77	2.72	6.21	2.861e+05	-1.996e+05	3.412e+04	5.247e+04	2.427e+05
124	8	191	2.72	1.65	-0.83	0.42	0.41	1.24	1.587e+04	-6.324e+04	-2.465e+04	-2.273e+04	3.954e+04
		168	2.75	2.28	-0.31	0.61	1.36	1.24	3.316e+04	-5.084e+04	-1.970e+04	2018.55	4.058e+04
		169	3.28	2.26	-0.29	0.70	1.27	1.24	4.096e+04	-5.938e+04	-1.796e+04	-460.90	4.940e+04
		192	3.26	1.79	-0.69	0.55	0.54	1.24	2.811e+04	-6.915e+04	-2.173e+04	-1.931e+04	4.862e+04
124	11	191	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.76
		168	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.75
		169	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		192	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
125	1	192	24.34	15.84	-7.71	4.13	4.00	11.77	4.437e+05	-2.994e+05	5.833e+04	8.591e+04	3.713e+05
		169	27.32	21.72	-2.85	5.92	12.95	11.77	6.206e+05	-1.794e+05	1.078e+05	3.334e+05	3.838e+05
		164	31.34	21.54	-2.67	6.61	12.26	11.77	6.845e+05	-2.445e+05	1.259e+05	3.142e+05	4.549e+05
		187	29.20	16.87	-6.67	5.17	5.03	11.77	5.451e+05	-3.449e+05	8.590e+04	1.143e+05	4.448e+05
125	5	192	16.20	10.56	-5.14	2.76	2.67	7.85	2.908e+05	-2.047e+05	3.407e+04	5.204e+04	2.476e+05
		169	18.15	14.48	-1.90	3.95	8.63	7.85	4.086e+05	-1.245e+05	6.707e+04	2.170e+05	2.558e+05
		164	20.84	14.36	-1.78	4.41	8.17	7.85	4.512e+05	-1.680e+05	7.900e+04	2.042e+05	3.032e+05
		187	19.44	11.25	-4.45	3.44	3.36	7.85	3.583e+05	-2.351e+05	5.235e+04	7.092e+04	2.965e+05

125	8	192	3.33	2.11	-1.03	0.55	0.53	1.57	2.814e+04	-7.123e+04	-2.207e+04	-2.102e+04	4.968e+04
		169	3.44	2.90	-0.38	0.79	1.73	1.57	5.106e+04	-5.456e+04	-1.547e+04	1.197e+04	5.100e+04
		164	4.01	2.87	-0.36	0.88	1.63	1.57	5.939e+04	-6.380e+04	-1.369e+04	9282.69	6.051e+04
		187	3.93	2.25	-0.89	0.69	0.67	1.57	4.125e+04	-7.765e+04	-1.902e+04	-1.737e+04	5.944e+04
125	11	192	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		169	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
		164	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		187	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
126	1	187	32.07	393.86	-590.74	-29.10	-167.78	-487.39	5.638e+05	-3.495e+05	8.789e+04	1.264e+05	4.562e+05
		164	33.60	506.37	-468.57	10.01	27.79	-487.39	6.739e+05	-2.705e+05	1.194e+05	2.841e+05	4.650e+05
		165	35.49	506.30	-468.49	20.44	17.36	-487.39	7.038e+05	-2.997e+05	1.284e+05	2.758e+05	4.963e+05
		188	34.22	409.50	-575.10	-13.46	-152.14	-487.39	6.092e+05	-3.691e+05	1.010e+05	1.391e+05	4.888e+05
126	5	187	21.35	262.57	-393.83	-19.40	-111.86	-324.93	3.713e+05	-2.376e+05	5.385e+04	7.984e+04	3.041e+05
		164	22.36	337.58	-312.38	6.67	18.53	-324.93	4.448e+05	-1.849e+05	7.488e+04	1.850e+05	3.100e+05
		165	23.63	337.53	-312.33	13.63	11.57	-324.93	4.647e+05	-2.044e+05	8.090e+04	1.794e+05	3.309e+05
		188	22.79	273.00	-383.40	-8.97	-101.42	-324.93	4.016e+05	-2.506e+05	6.268e+04	8.834e+04	3.258e+05
126	8	187	4.26	52.51	-78.77	-3.88	-22.37	-64.99	4.671e+04	-7.489e+04	-1.768e+04	-1.050e+04	6.070e+04
		164	4.39	67.52	-62.48	1.33	3.71	-64.99	6.180e+04	-6.476e+04	-1.347e+04	1.052e+04	6.213e+04
		165	4.64	67.51	-62.47	2.73	2.31	-64.99	6.593e+04	-6.838e+04	-1.194e+04	9484.97	6.629e+04
		188	4.53	54.60	-76.68	-1.79	-20.28	-64.99	5.298e+04	-7.730e+04	-1.558e+04	-8735.60	6.505e+04
126	11	187	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		164	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
		165	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		188	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
127	1	188	40.49	290.14	-415.10	-8.49	-116.47	-348.46	5.593e+05	-3.457e+05	7.641e+04	1.372e+05	4.515e+05
		165	40.78	348.40	-348.98	12.24	-12.82	-348.46	5.774e+05	-3.330e+05	8.154e+04	1.628e+05	4.534e+05
		170	41.23	348.66	-349.24	18.16	-18.74	-348.46	5.831e+05	-3.378e+05	8.379e+04	1.615e+05	4.588e+05
		193	40.98	299.02	-406.22	0.39	-107.59	-348.46	5.676e+05	-3.487e+05	7.939e+04	1.395e+05	4.572e+05
127	5	188	26.97	193.42	-276.73	-5.66	-77.65	-232.31	3.700e+05	-2.333e+05	4.786e+04	8.883e+04	3.009e+05
		165	27.17	232.26	-232.65	8.16	-8.55	-232.31	3.821e+05	-2.249e+05	5.128e+04	1.059e+05	3.023e+05
		170	27.47	232.44	-232.83	12.11	-12.50	-232.31	3.860e+05	-2.280e+05	5.286e+04	1.051e+05	3.059e+05
		193	27.30	199.35	-270.81	0.26	-71.73	-232.31	3.756e+05	-2.352e+05	4.993e+04	9.042e+04	3.048e+05
127	8	188	5.35	38.68	-55.35	-1.13	-15.53	-46.46	5.682e+04	-6.370e+04	-8874.91	1989.53	6.001e+04
		165	5.41	46.45	-46.53	1.63	-1.71	-46.46	5.962e+04	-6.240e+04	-8190.82	5409.96	6.063e+04
		170	5.46	46.49	-46.57	2.42	-2.50	-46.46	6.063e+04	-6.269e+04	-7397.90	5334.00	6.133e+04
		193	5.41	39.87	-54.16	0.05	-14.35	-46.46	5.823e+04	-6.381e+04	-7984.26	2402.21	6.080e+04
127	11	188	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		165	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		170	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		193	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.79
128	1	193	39.11	216.81	-292.89	4.58	-80.66	-251.26	4.977e+05	-2.971e+05	7.007e+04	1.306e+05	3.963e+05
		170	38.72	242.93	-261.79	14.12	-32.98	-251.26	4.681e+05	-3.227e+05	6.085e+04	8.450e+04	3.952e+05
		171	37.92	243.16	-262.03	16.50	-35.37	-251.26	4.605e+05	-3.131e+05	6.022e+04	8.713e+04	3.866e+05
		194	38.27	220.39	-289.31	8.16	-77.08	-251.26	4.864e+05	-2.907e+05	6.828e+04	1.274e+05	3.874e+05
128	5	193	26.06	144.54	-195.26	3.05	-53.77	-167.51	3.300e+05	-1.999e+05	4.434e+04	8.576e+04	2.641e+05
		170	25.81	161.95	-174.53	9.41	-21.99	-167.51	3.103e+05	-2.171e+05	3.820e+04	5.505e+04	2.636e+05
		171	25.28	162.11	-174.69	11.00	-23.58	-167.51	3.053e+05	-2.105e+05	3.795e+04	5.685e+04	2.578e+05
		194	25.50	146.92	-192.88	5.44	-51.39	-167.51	3.225e+05	-1.955e+05	4.332e+04	8.372e+04	2.582e+05
128	8	193	5.16	28.91	-39.05	0.61	-10.75	-33.50	5.498e+04	-5.084e+04	-5341.14	9474.28	5.239e+04
		170	5.20	32.39	-34.91	1.88	-4.40	-33.50	5.175e+04	-5.499e+04	-6569.57	3332.13	5.314e+04
		171	5.08	32.42	-34.94	2.20	-4.72	-33.50	5.129e+04	-5.300e+04	-5599.79	3894.61	5.193e+04
		194	5.05	29.38	-38.58	1.09	-10.28	-33.50	5.410e+04	-4.936e+04	-4524.92	9269.00	5.127e+04
128	11	193	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	-537.94
		170	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	537.93
		171	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	470.69
		194	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.70
129	1	194	35.48	168.10	-216.20	10.55	-58.66	-189.01	4.100e+05	-2.386e+05	5.888e+04	1.125e+05	3.232e+05
		171	34.84	178.31	-203.54	14.37	-39.59	-189.01	3.641e+05	-2.781e+05	4.465e+04	4.134e+04	3.211e+05
		172	33.60	178.43	-203.66	15.22	-40.44	-189.01	3.533e+05	-2.652e+05	4.327e+04	4.486e+04	3.092e+05
		195	34.18	169.37	-214.93	11.83	-57.39	-189.01	3.942e+05	-2.301e+05	5.592e+04	1.081e+05	3.111e+05
129	5	194	23.64	112.06	-144.14	7.04	-39.11	-126.00	2.722e+05	-1.601e+05	3.751e+04	7.458e+04	2.154e+05
		171	23.23	118.87	-135.69	9.58	-26.40	-126.00	2.417e+05	-1.866e+05	2.802e+04	2.713e+04	2.142e+05
		172	22.40	118.95	-135.77	10.14	-26.96	-126.00	2.346e+05	-1.778e+05	2.728e+04	2.951e+04	2.062e+05
		195	22.78	112.91	-143.29	7.88	-38.26	-126.00	2.618e+05	-1.544e+05	3.572e+04	7.169e+04	2.073e+05
129	8	194	4.69	22.41	-28.83	1.41	-7.82	-25.20	4.791e+04	-3.856e+04	-2961.92	1.231e+04	4.256e+04
		171	4.71	23.77	-27.14	1.92	-5.28	-25.20	4.250e+04	-4.454e+04	-4859.94	2824.04	4.335e+04
		172	4.53	23.79	-27.15	2.03	-5.39	-25.20	4.167e+04	-4.207e+04	-3915.71	3519.03	4.171e+04
		195	4.52	22.58	-28.66	1.58	-7.65	-25.20	4.647e+04	-3.674e+04	-2228.58	1.195e+04	4.100e+04
129	11	194	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.42
		171	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
		172	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		195	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
130	1	195	31.40	134.29	-165.57	13.11	-44.39	-147.15	3.262e+05	-1.860e+05	4.737e+04	9.283e+04	2.551e+05
		172	30.68	136.42	-162.83	13.92	-40.33	-147.15	2.775e+05	-2.283e+05	3.220e+04	1.699e+04	2.528e+05
		173	29.34	136.45	-162.86	14.08	-40.49	-147.15	2.670e+05	-2.159e+05	3.076e+04	2.034e+04	2.414e+05
		196	30.01	134.53	-165.33	13.35	-44.14	-147.15	3.110e+05	-1.779e+05	4.441e+04	8.860e+04	2.434e+05
130	5	195	20.93	89.53	-110.38	8.74	-29.59	-98.10	2.169e+05	-1.245e+05	3.035e+04	6.197e+04	1.700e+05

		172	20.46	90.95	-108.56	9.28	-26.89	-98.10	1.845e+05	-1.528e+05	2.024e+04	1.140e+04	1.686e+05
		173	19.57	90.97	-108.58	9.39	-26.99	-98.10	1.776e+05	-1.445e+05	1.944e+04	1.367e+04	1.610e+05
		196	20.00	89.69	-110.22	8.90	-29.43	-98.10	2.068e+05	-1.191e+05	2.854e+04	5.918e+04	1.622e+05
130	8	195	4.17	17.91	-22.08	1.75	-5.92	-19.62	3.998e+04	-2.846e+04	-1313.21	1.284e+04	3.348e+04
		172	4.16	18.19	-21.71	1.86	-5.38	-19.62	3.406e+04	-3.467e+04	-3335.72	2723.57	3.423e+04
		173	3.98	18.19	-21.72	1.88	-5.40	-19.62	3.322e+04	-3.236e+04	-2516.62	3372.79	3.266e+04
		196	3.98	17.94	-22.04	1.78	-5.89	-19.62	3.854e+04	-2.676e+04	-696.35	1.247e+04	3.198e+04
130	11	195	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		172	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
		173	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93
		196	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.94
131	1	196	27.26	109.31	-129.78	13.97	-34.44	-117.07	2.523e+05	-1.411e+05	3.702e+04	7.418e+04	1.958e+05
		173	26.54	107.27	-132.47	13.18	-38.37	-117.07	2.066e+05	-1.811e+05	2.273e+04	2716.89	1.936e+05
		174	25.23	107.24	-132.44	13.04	-38.23	-117.07	1.975e+05	-1.705e+05	2.145e+04	5580.84	1.838e+05
		197	25.91	109.09	-129.99	13.75	-34.65	-117.07	2.392e+05	-1.342e+05	3.445e+04	7.055e+04	1.858e+05
131	5	196	18.17	72.87	-86.52	9.31	-22.96	-78.05	1.679e+05	-9.427e+04	2.385e+04	4.982e+04	1.305e+05
		173	17.70	71.52	-88.31	8.79	-25.58	-78.05	1.375e+05	-1.210e+05	1.432e+04	2172.42	1.291e+05
		174	16.83	71.50	-88.29	8.69	-25.49	-78.05	1.316e+05	-1.138e+05	1.361e+04	4108.84	1.226e+05
		197	17.27	72.73	-86.66	9.17	-23.10	-78.05	1.593e+05	-8.961e+04	2.227e+04	4.742e+04	1.238e+05
131	8	196	3.64	14.57	-17.30	1.86	-4.59	-15.61	3.230e+04	-2.041e+04	-228.10	1.212e+04	2.562e+04
		173	3.61	14.30	-17.66	1.76	-5.12	-15.61	2.663e+04	-2.617e+04	-2133.92	2592.00	2.630e+04
		174	3.43	14.30	-17.66	1.74	-5.10	-15.61	2.590e+04	-2.422e+04	-1463.50	3141.90	2.495e+04
		197	3.46	14.55	-17.33	1.83	-4.62	-15.61	3.105e+04	-1.897e+04	269.06	1.180e+04	2.434e+04
131	11	196	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	-589.07
		173	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.14	2708.75	589.07
		174	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		197	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
132	1	197	23.14	89.84	-102.96	13.96	-27.08	-94.19	1.891e+05	-1.035e+05	2.823e+04	5.737e+04	1.456e+05
		174	22.46	85.75	-108.51	12.35	-35.10	-94.19	1.491e+05	-1.389e+05	1.566e+04	-5502.25	1.436e+05
		175	21.25	85.69	-108.44	12.08	-34.84	-94.19	1.417e+05	-1.303e+05	1.462e+04	-3196.23	1.357e+05
		198	21.90	89.43	-103.36	13.56	-27.48	-94.19	1.785e+05	-9.797e+04	2.614e+04	5.444e+04	1.375e+05
132	5	197	15.42	59.89	-68.64	9.30	-18.05	-62.79	1.260e+05	-6.901e+04	1.828e+04	3.874e+04	9.698e+04
		174	14.98	57.17	-72.34	8.23	-23.40	-62.79	9.938e+04	-9.266e+04	9900.79	-3174.63	9.580e+04
		175	14.17	57.13	-72.29	8.06	-23.22	-62.79	9.455e+04	-8.686e+04	9312.05	-1615.77	9.054e+04
		198	14.60	59.62	-68.90	9.04	-18.32	-62.79	1.191e+05	-6.526e+04	1.700e+04	3.681e+04	9.163e+04
132	8	197	3.11	11.98	-13.73	1.86	-3.61	-12.56	2.523e+04	-1.411e+04	415.90	1.070e+04	1.899e+04
		174	3.07	11.43	-14.47	1.65	-4.68	-12.56	2.018e+04	-1.912e+04	-1260.72	2318.42	1.957e+04
		175	2.90	11.43	-14.46	1.61	-4.64	-12.56	1.958e+04	-1.755e+04	-733.24	2759.24	1.848e+04
		198	2.95	11.92	-13.78	1.81	-3.66	-12.56	2.421e+04	-1.296e+04	803.67	1.044e+04	1.795e+04
132	11	197	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		174	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
		175	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		198	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	-467.43
133	1	198	19.47	74.68	-82.85	13.44	-21.62	-76.79	1.391e+05	-7.455e+04	2.106e+04	4.352e+04	1.062e+05
		175	18.85	69.72	-89.76	11.46	-31.51	-76.79	1.053e+05	-1.047e+05	1.040e+04	-9786.54	1.045e+05
		176	17.76	69.64	-89.68	11.16	-31.20	-76.79	9.956e+04	-9.798e+04	9564.03	-7985.01	9.838e+04
		199	18.35	74.22	-83.31	12.99	-22.07	-76.79	1.309e+05	-7.023e+04	1.941e+04	4.123e+04	9.995e+04
133	5	198	12.98	49.79	-55.24	8.96	-14.41	-51.19	9.285e+04	-4.959e+04	1.371e+04	2.955e+04	7.078e+04
		175	12.57	46.48	-59.84	7.64	-21.00	-51.19	7.034e+04	-6.973e+04	6605.37	-5993.53	6.975e+04
		176	11.84	46.42	-59.79	7.44	-20.80	-51.19	6.654e+04	-6.519e+04	6131.49	-4776.01	6.564e+04
		199	12.24	49.48	-55.54	8.66	-14.72	-51.19	8.739e+04	-4.666e+04	1.269e+04	2.803e+04	6.658e+04
133	8	198	2.64	9.96	-11.05	1.79	-2.88	-10.24	1.936e+04	-9495.65	776.45	9088.12	1.382e+04
		175	2.58	9.30	-11.97	1.53	-4.20	-10.24	1.502e+04	-1.368e+04	-645.19	1979.92	1.429e+04
		176	2.43	9.28	-11.96	1.49	-4.16	-10.24	1.454e+04	-1.246e+04	-245.26	2322.37	1.344e+04
		199	2.49	9.90	-11.11	1.73	-2.94	-10.24	1.855e+04	-8603.23	1067.02	8883.78	1.300e+04
133	11	198	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		175	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
		176	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		199	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
134	1	199	16.14	62.35	-67.05	12.67	-17.36	-62.93	9.978e+04	-5.224e+04	1.534e+04	3.220e+04	7.554e+04
		176	15.60	57.16	-74.43	10.57	-27.84	-62.93	7.215e+04	-7.720e+04	6572.41	-1.162e+04	7.412e+04
		177	14.63	57.08	-74.35	10.27	-27.54	-62.93	6.772e+04	-7.205e+04	5919.84	-1.025e+04	6.941e+04
		200	15.15	61.90	-67.49	12.22	-17.81	-62.93	9.346e+04	-4.896e+04	1.406e+04	3.044e+04	7.074e+04
134	5	199	10.76	41.57	-44.70	8.45	-11.58	-41.95	6.668e+04	-3.466e+04	1.004e+04	2.197e+04	5.032e+04
		176	10.40	38.11	-49.62	7.05	-18.56	-41.95	4.827e+04	-5.131e+04	4200.70	-7242.36	4.946e+04
		177	9.75	38.05	-49.56	6.85	-18.36	-41.95	4.535e+04	-4.784e+04	3827.04	-6315.47	4.632e+04
		200	10.10	41.27	-45.00	8.15	-11.87	-41.95	6.250e+04	-3.244e+04	9252.54	2.081e+04	4.711e+04
134	8	199	2.21	8.31	-8.94	1.69	-2.32	-8.39	1.449e+04	-6143.98	919.77	7429.07	9791.66
		176	2.14	7.62	-9.92	1.41	-3.71	-8.39	1.087e+04	-9535.44	-248.80	1586.22	1.016e+04
		177	2.01	7.61	-9.91	1.37	-3.67	-8.39	1.050e+04	-8613.10	44.65	1845.23	9515.55
		200	2.08	8.25	-9.00	1.63	-2.37	-8.39	1.387e+04	-5471.02	1129.75	7270.74	9170.91
134	11	199	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		176	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
		177	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		200	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
135	1	200	13.05	51.93	-54.04	11.77	-13.89	-51.41	6.897e+04	-3.513e+04	1.086e+04	2.298e+04	5.169e+04
		177	12.60	46.90	-61.36	9.72	-24.17	-51.41	4.722e+04	-5.507e+04	3914.25	-1.176e+04	5.054e+04

		178	11.76	46.82	-61.27	9.44	-23.90	-51.41	4.393e+04	-5.126e+04	3418.48	-1.075e+04	4.706e+04
		201	12.19	51.52	-54.46	11.36	-14.30	-51.41	6.428e+04	-3.270e+04	9903.88	2.168e+04	4.814e+04
135	5	200	8.71	34.62	-36.03	7.85	-9.26	-34.27	4.615e+04	-2.324e+04	7154.77	1.576e+04	3.443e+04
		177	8.40	31.27	-40.90	6.48	-16.12	-34.27	3.165e+04	-3.653e+04	2522.34	-7399.58	3.373e+04
		178	7.84	31.21	-40.85	6.30	-15.93	-34.27	2.949e+04	-3.397e+04	2235.94	-6715.67	3.141e+04
		201	8.13	34.34	-36.30	7.58	-9.53	-34.27	4.306e+04	-2.160e+04	6559.54	1.490e+04	3.206e+04
135	8	200	1.81	6.92	-7.21	1.57	-1.85	-6.85	1.046e+04	-3757.47	905.18	5802.35	6676.38
		177	1.72	6.25	-8.18	1.30	-3.22	-6.85	7554.93	-6406.33	-21.31	1169.91	6955.17
		178	1.61	6.24	-8.17	1.26	-3.19	-6.85	7276.08	-5730.42	186.04	1359.62	6476.72
		201	1.70	6.87	-7.26	1.52	-1.91	-6.85	1.000e+04	-3267.01	1050.76	5683.23	6216.51
135	11	200	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		177	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		178	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		201	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
136	1	201	10.44	43.32	-43.67	10.79	-11.14	-42.09	4.645e+04	-2.298e+04	7465.56	1.600e+04	3.445e+04
		178	10.09	38.66	-50.59	8.86	-20.80	-42.09	2.974e+04	-3.859e+04	2080.17	-1.092e+04	3.354e+04
		179	9.36	38.58	-50.51	8.62	-20.55	-42.09	2.734e+04	-3.582e+04	1707.58	-1.019e+04	3.101e+04
		202	9.70	42.96	-44.03	10.43	-11.50	-42.09	4.304e+04	-2.123e+04	6756.38	1.505e+04	3.187e+04
136	5	201	6.97	28.88	-29.11	7.20	-7.43	-28.06	3.113e+04	-1.515e+04	4947.98	1.103e+04	2.294e+04
		178	6.72	25.77	-33.73	5.91	-13.86	-28.06	1.999e+04	-2.555e+04	1357.72	-6917.94	2.239e+04
		179	6.23	25.72	-33.68	5.75	-13.70	-28.06	1.840e+04	-2.368e+04	1140.13	-6422.92	2.070e+04
		202	6.47	28.64	-29.35	6.95	-7.67	-28.06	2.888e+04	-1.397e+04	4506.00	1.041e+04	2.122e+04
136	8	201	1.48	5.78	-5.82	1.44	-1.49	-5.61	7385.28	-2176.93	813.10	4395.24	4432.95
		178	1.38	5.15	-6.75	1.18	-2.77	-5.61	5096.76	-4196.73	95.05	804.99	4633.17
		179	1.28	5.14	-6.74	1.15	-2.74	-5.61	4889.10	-3711.86	236.30	940.94	4286.03
		202	1.38	5.73	-5.87	1.39	-1.53	-5.61	7044.55	-1828.27	909.47	4306.81	4098.32
136	11	201	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		178	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
		179	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		202	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
137	1	202	8.09	35.80	-34.81	9.80	-8.81	-34.06	2.976e+04	-1.421e+04	4935.09	1.062e+04	2.180e+04
		179	7.84	31.63	-41.14	8.05	-17.55	-34.06	1.750e+04	-2.594e+04	936.62	-9374.69	2.110e+04
		180	7.22	31.56	-41.06	7.84	-17.35	-34.06	1.582e+04	-2.401e+04	666.35	-8864.25	1.934e+04
		203	7.46	35.49	-35.12	9.49	-9.11	-34.06	2.737e+04	-1.299e+04	4429.61	9952.08	1.999e+04
137	5	202	5.40	23.87	-23.21	6.53	-5.87	-22.70	1.998e+04	-9329.51	3291.74	7359.17	1.451e+04
		179	5.22	21.09	-27.42	5.36	-11.70	-22.70	1.180e+04	-1.714e+04	626.10	-5969.07	1.409e+04
		180	4.81	21.04	-27.38	5.23	-11.56	-22.70	1.068e+04	-1.584e+04	466.43	-5624.67	1.291e+04
		203	4.98	23.66	-23.41	6.32	-6.08	-22.70	1.840e+04	-8507.50	2975.28	6919.55	1.331e+04
137	8	202	1.17	4.77	-4.64	1.31	-1.17	-4.54	4967.55	-1146.27	666.85	3154.42	2792.44
		179	1.06	4.22	-5.48	1.07	-2.34	-4.54	3244.21	-2621.71	133.73	488.77	2927.58
		180	0.98	4.21	-5.48	1.05	-2.31	-4.54	3094.92	-2287.76	224.89	582.27	2685.40
		203	1.09	4.73	-4.68	1.26	-1.22	-4.54	4727.05	-909.28	726.66	3091.11	2558.20
137	11	202	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		179	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
		180	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		203	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
138	1	203	6.14	29.43	-27.57	8.78	-6.91	-27.40	1.827e+04	-8382.56	3118.88	6771.18	1.320e+04
		180	6.01	25.80	-33.20	7.23	-14.63	-27.40	9600.50	-1.696e+04	243.92	-7603.62	1.269e+04
		181	5.48	25.74	-33.14	7.06	-14.46	-27.40	8453.03	-1.566e+04	52.43	-7258.59	1.149e+04
		204	5.61	29.18	-27.82	8.52	-7.17	-27.40	1.665e+04	-7562.61	2767.67	6317.61	1.197e+04
138	5	203	4.10	19.62	-18.38	5.85	-4.61	-18.27	1.229e+04	-5479.23	2095.04	4718.89	8788.82
		180	4.00	17.20	-22.13	4.82	-9.75	-18.27	6495.08	-1.118e+04	178.40	-4864.30	8470.75
		181	3.65	17.16	-22.09	4.71	-9.64	-18.27	5738.14	-1.031e+04	63.87	-4631.66	7670.79
		204	3.74	19.45	-18.55	5.68	-4.78	-18.27	1.122e+04	-4925.55	1874.03	4419.14	7971.19
138	8	203	0.91	3.92	-3.68	1.17	-0.92	-3.65	3218.33	-534.39	512.62	2171.32	1683.12
		180	0.80	3.44	-4.43	0.96	-1.95	-3.65	1961.89	-1577.92	129.29	254.68	1768.79
		181	0.73	3.43	-4.42	0.94	-1.93	-3.65	1857.05	-1354.96	185.13	316.96	1604.65
		204	0.84	3.89	-3.71	1.14	-0.96	-3.65	3053.49	-379.21	547.16	2127.12	1523.74
138	11	203	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		180	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		181	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		204	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
139	1	204	4.50	23.85	-21.38	7.77	-5.30	-21.65	1.054e+04	-4610.30	1859.68	4066.73	7492.68
		181	4.48	20.77	-26.27	6.44	-11.94	-21.65	4730.32	-1.061e+04	-108.10	-5772.18	7128.50
		182	4.06	20.71	-26.22	6.30	-11.80	-21.65	3990.28	-9778.24	-238.31	-5549.65	6351.41
		205	4.06	23.64	-21.59	7.56	-5.51	-21.65	9480.47	-4083.14	1625.91	3771.41	6696.42
139	5	204	3.00	15.90	-14.25	5.18	-3.53	-14.43	7104.84	-2995.75	1258.85	2850.24	4987.22
		181	2.98	13.84	-17.52	4.29	-7.96	-14.43	3218.14	-6980.18	-53.00	-3709.03	4760.23
		182	2.69	13.81	-17.48	4.20	-7.87	-14.43	2729.31	-6420.32	-131.91	-3559.11	4241.76
		205	2.71	15.76	-14.39	5.04	-3.67	-14.43	6406.09	-2640.25	1110.90	2654.94	4456.80
139	8	204	0.68	3.18	-2.85	1.04	-0.71	-2.89	1967.33	-198.02	365.40	1403.91	950.03
		181	0.58	2.77	-3.50	0.86	-1.59	-2.89	1097.01	-901.93	103.03	92.05	999.46
		182	0.52	2.76	-3.50	0.84	-1.57	-2.89	1026.34	-760.19	134.63	131.52	893.27
		205	0.63	3.15	-2.88	1.01	-0.73	-2.89	1859.60	-102.09	383.19	1374.32	846.44
139	11	204	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	-59.25
		181	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
		182	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13

		205	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
140	1	205	3.11	18.79	-15.89	6.78	-3.88	-16.50	5537.04	-2281.23	1027.28	2228.54	3862.72
		182	3.20	16.28	-20.01	5.67	-9.40	-16.50	1981.05	-6189.91	-216.83	-3992.03	3623.28
		183	2.88	16.23	-19.96	5.56	-9.29	-16.50	1544.66	-5703.31	-299.40	-3859.25	3156.76
		206	2.77	18.63	-16.06	6.61	-4.04	-16.50	4900.63	-1967.84	882.50	2050.29	3384.23
140	5	205	2.08	12.53	-10.59	4.52	-2.58	-11.00	3743.01	-1471.25	701.06	1570.69	2570.62
		182	2.12	10.85	-13.34	3.78	-6.27	-11.00	1359.63	-4064.32	-128.35	-2576.35	2420.05
		183	1.91	10.82	-13.31	3.71	-6.19	-11.00	1070.85	-3736.92	-179.09	-2486.97	2108.81
		206	1.85	12.42	-10.70	4.41	-2.70	-11.00	3321.83	-1260.26	608.85	1452.72	2251.85
140	8	205	0.49	2.51	-2.12	0.90	-0.52	-2.20	1098.93	-38.10	237.00	823.84	486.94
		182	0.40	2.17	-2.67	0.76	-1.25	-2.20	545.40	-479.85	71.12	-5.57	511.19
		183	0.35	2.16	-2.66	0.74	-1.24	-2.20	501.04	-396.80	86.77	17.47	447.58
		206	0.45	2.48	-2.14	0.88	-0.54	-2.20	1033.74	16.03	244.36	805.41	424.55
140	11	205	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		182	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
		183	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		206	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
141	1	206	2.05	14.39	-11.28	5.80	-2.69	-12.11	2631.14	-1011.98	514.08	1105.09	1797.43
		183	2.23	12.41	-14.63	4.91	-7.13	-12.11	650.92	-3377.95	-210.29	-2516.74	1651.67
		184	2.00	12.38	-14.60	4.82	-7.04	-12.11	419.03	-3121.65	-258.94	-2443.68	1393.14
		207	1.79	14.26	-11.41	5.67	-2.82	-12.11	2276.98	-840.37	430.93	1005.67	1531.95
141	5	206	1.37	9.59	-7.52	3.86	-1.79	-8.07	1783.74	-646.40	354.09	783.25	1195.97
		183	1.48	8.28	-9.76	3.27	-4.75	-8.07	454.82	-2214.94	-128.82	-1631.30	1103.43
		184	1.32	8.25	-9.73	3.22	-4.70	-8.07	301.05	-2042.39	-159.16	-1582.18	930.96
		207	1.20	9.51	-7.60	3.78	-1.88	-8.07	1549.25	-531.10	300.75	717.39	1019.10
141	8	206	0.33	1.92	-1.50	0.77	-0.36	-1.61	557.04	17.41	138.77	435.69	225.30
		183	0.26	1.66	-1.95	0.65	-0.95	-1.61	236.28	-241.32	42.18	-47.22	234.58
		184	0.22	1.65	-1.95	0.64	-0.94	-1.61	210.65	-196.86	48.68	-34.89	199.43
		207	0.31	1.90	-1.52	0.76	-0.38	-1.61	520.62	45.07	140.66	425.03	190.59
141	11	206	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		183	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		184	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		207	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
142	1	207	1.23	10.40	-7.21	4.83	-1.64	-8.18	1059.44	-377.59	222.52	459.33	708.69
		184	1.45	8.95	-9.82	4.16	-5.02	-8.18	131.73	-1616.01	-138.50	-1345.78	631.88
		185	1.30	8.92	-9.79	4.10	-4.96	-8.18	29.72	-1504.55	-163.45	-1311.38	508.98
		208	1.05	10.30	-7.30	4.74	-1.74	-8.18	890.02	-297.18	181.16	411.67	582.30
142	5	207	0.82	6.93	-4.80	3.22	-1.10	-5.46	720.22	-238.41	154.81	327.00	471.52
		184	0.96	5.97	-6.54	2.77	-3.35	-5.46	97.21	-1059.49	-85.87	-876.41	422.20
		185	0.86	5.95	-6.52	2.73	-3.31	-5.46	29.44	-984.44	-101.68	-853.31	340.22
		208	0.70	6.87	-4.86	3.16	-1.16	-5.46	607.96	-184.51	128.06	295.39	387.30
142	8	207	0.21	1.39	-0.96	0.64	-0.22	-1.09	237.00	22.69	69.63	190.06	88.64
		184	0.16	1.19	-1.31	0.55	-0.67	-1.09	82.48	-111.61	21.50	-50.62	90.10
		185	0.13	1.19	-1.30	0.55	-0.66	-1.09	70.08	-91.89	23.22	-45.03	73.45
		208	0.19	1.37	-0.97	0.63	-0.23	-1.09	219.30	34.58	69.17	184.71	72.06
142	11	207	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		184	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		185	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		208	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
143	1	208	0.65	6.79	-3.62	3.89	-0.72	-4.67	335.38	-114.60	77.86	142.93	222.63
		185	0.82	5.86	-5.53	3.42	-3.09	-4.67	7.81	-607.21	-58.84	-540.57	191.17
		186	0.75	5.83	-5.51	3.38	-3.05	-4.67	-26.00	-571.16	-68.85	-528.30	146.71
		209	0.55	6.73	-3.69	3.83	-0.78	-4.67	273.32	-85.95	61.90	125.47	176.80
143	5	208	0.44	4.53	-2.42	2.59	-0.48	-3.11	228.25	-71.81	54.73	101.71	148.18
		185	0.54	3.90	-3.69	2.28	-2.06	-3.11	8.57	-398.92	-36.40	-353.95	127.68
		186	0.49	3.89	-3.67	2.25	-2.03	-3.11	-13.92	-374.70	-42.88	-345.74	98.03
		209	0.37	4.49	-2.46	2.55	-0.52	-3.11	187.05	-52.65	44.29	90.11	117.64
143	8	208	0.11	0.91	-0.48	0.52	-0.10	-0.62	75.58	11.17	27.84	58.91	28.21
		185	0.09	0.78	-0.74	0.46	-0.41	-0.62	22.82	-45.43	9.61	-32.22	26.96
		186	0.07	0.78	-0.73	0.45	-0.41	-0.62	18.50	-39.35	9.49	-30.34	20.97
		209	0.09	0.90	-0.49	0.51	-0.10	-0.62	68.61	15.14	26.93	56.83	22.16
143	11	208	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		185	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		186	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		209	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
144	1	209	0.26	3.60	-0.53	2.97	0.10	-1.49	70.44	-24.42	20.09	25.92	47.34
		186	0.34	3.18	-1.80	2.69	-1.31	-1.49	4.48	-130.28	-8.54	-117.26	39.81
		30	0.33	3.16	-1.79	2.66	-1.29	-1.49	-2.43	-123.36	-10.92	-114.87	30.90
		31	0.22	3.56	-0.57	2.93	0.06	-1.49	57.66	-18.80	16.52	22.34	38.12
144	5	209	0.17	2.40	-0.36	1.98	0.07	-0.99	47.86	-15.38	14.28	18.20	31.56
		186	0.23	2.12	-1.20	1.79	-0.87	-0.99	3.87	-85.94	-4.81	-77.26	26.54
		30	0.22	2.11	-1.19	1.78	-0.86	-0.99	-0.73	-81.33	-6.40	-75.67	20.60
		31	0.15	2.38	-0.38	1.96	0.04	-0.99	39.34	-11.63	11.90	15.81	25.41
144	8	209	0.04	0.48	-0.07	0.40	0.01	-0.20	14.95	2.32	8.12	9.15	6.30
		186	0.04	0.42	-0.24	0.36	-0.17	-0.20	6.07	-11.71	4.31	-9.95	5.32
		30	0.04	0.42	-0.24	0.36	-0.17	-0.20	5.16	-10.78	4.00	-9.62	4.14
		31	0.03	0.48	-0.08	0.39	8.45e-03	-0.20	13.26	3.07	7.66	8.67	5.07

144	11	209	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		186	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		30	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		31	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
145	1	212	7.62	2.34	-4.55	-3.57	1.37	-2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	-7.244e+04
		1	7.62	2.34	-4.55	-3.57	1.37	-2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	-7.244e+04
		189	7.62	2.34	-4.55	-3.57	1.37	-2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	-7.244e+04
145	5	212	5.14	1.56	-3.03	-2.38	0.91	-1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	-4.829e+04
		1	5.14	1.56	-3.03	-2.38	0.91	-1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	-4.829e+04
		189	5.14	1.56	-3.03	-2.38	0.91	-1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	-4.829e+04
145	8	212	1.69	0.31	-0.61	-0.48	0.18	-0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	-9658.67
		1	1.69	0.31	-0.61	-0.48	0.18	-0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	-9658.67
		189	1.69	0.31	-0.61	-0.48	0.18	-0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	-9658.67
145	11	212	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-7.08e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-7.08e-05
		189	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-7.08e-05
146	1	212	9.12	0.87	-7.74	-1.82	-5.04	3.99	-2.230e+04	-2.532e+05	-8.517e+04	-1.903e+05	1.028e+05
		189	6.86	3.00	-4.98	-1.01	-0.97	3.99	2.633e+04	-1.679e+05	-6.287e+04	-7.875e+04	9.681e+04
		190	12.03	1.89	-6.09	-2.12	-2.08	3.99	7.389e+04	-2.768e+05	-9.368e+04	-1.092e+05	1.752e+05
		213	12.88	0.65	-7.52	-2.56	-4.30	3.99	4.334e+04	-3.193e+05	-1.058e+05	-1.701e+05	1.784e+05
146	5	212	6.18	0.58	-5.16	-1.21	-3.36	2.66	-1.938e+04	-1.733e+05	-6.128e+04	-1.314e+05	6.852e+04
		189	4.64	2.00	-3.32	-0.67	-0.65	2.66	1.301e+04	-1.165e+05	-4.641e+04	-5.707e+04	6.454e+04
		190	8.07	1.26	-4.06	-1.41	-1.39	2.66	4.470e+04	-1.891e+05	-6.699e+04	-7.741e+04	1.168e+05
		213	8.66	0.44	-5.01	-1.71	-2.87	2.66	2.434e+04	-2.174e+05	-7.511e+04	-1.180e+05	1.190e+05
146	8	212	2.02	0.12	-1.03	-0.24	-0.67	0.53	-3.097e+04	-6.201e+04	-3.926e+04	-5.372e+04	1.373e+04
		189	1.64	0.40	-0.66	-0.13	-0.13	0.53	-2.462e+04	-5.051e+04	-3.628e+04	-3.885e+04	1.288e+04
		190	2.18	0.25	-0.81	-0.28	-0.28	0.53	-1.843e+04	-6.517e+04	-4.064e+04	-4.296e+04	2.334e+04
		213	2.36	0.09	-1.00	-0.34	-0.57	0.53	-2.246e+04	-7.088e+04	-4.227e+04	-5.107e+04	2.381e+04
146	11	212	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		189	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
		190	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		213	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
147	1	213	16.44	1.75	-12.49	-3.20	-7.54	6.79	3.714e+04	-4.177e+05	-1.231e+05	-2.576e+05	2.173e+05
		190	14.29	4.69	-8.88	-2.11	-2.08	6.79	1.013e+05	-3.194e+05	-9.596e+04	-1.221e+05	2.099e+05
		191	18.64	3.67	-9.91	-3.13	-3.11	6.79	1.409e+05	-4.105e+05	-1.220e+05	-1.476e+05	2.754e+05
		214	19.87	1.58	-12.32	-3.88	-6.85	6.79	9.421e+04	-4.755e+05	-1.406e+05	-2.407e+05	2.804e+05
147	5	213	11.04	1.17	-8.33	-2.14	-5.02	4.52	2.014e+04	-2.832e+05	-8.661e+04	-1.764e+05	1.449e+05
		190	9.58	3.13	-5.92	-1.41	-1.39	4.52	6.289e+04	-2.176e+05	-6.855e+04	-8.612e+04	1.399e+05
		191	12.47	2.44	-6.60	-2.09	-2.07	4.52	8.925e+04	-2.783e+05	-8.593e+04	-1.031e+05	1.836e+05
		214	13.31	1.05	-8.21	-2.59	-4.57	4.52	5.814e+04	-3.217e+05	-9.835e+04	-1.652e+05	1.870e+05
147	8	213	2.84	0.23	-1.67	-0.43	-1.00	0.90	-2.367e+04	-8.474e+04	-4.475e+04	-6.366e+04	2.903e+04
		190	2.44	0.63	-1.18	-0.28	-0.28	0.90	-1.535e+04	-7.139e+04	-4.114e+04	-4.560e+04	2.793e+04
		191	2.97	0.49	-1.32	-0.42	-0.41	0.90	-1.030e+04	-8.376e+04	-4.499e+04	-4.908e+04	3.667e+04
		214	3.21	0.21	-1.64	-0.52	-0.91	0.90	-1.640e+04	-9.257e+04	-4.747e+04	-6.149e+04	3.743e+04
147	11	213	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		190	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
		191	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17
		214	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.16
148	1	214	22.79	2.34	-17.12	-4.56	-10.22	9.31	6.728e+04	-5.700e+05	-1.609e+05	-3.419e+05	3.055e+05
		191	19.96	6.22	-12.40	-3.12	-3.05	9.31	1.558e+05	-4.359e+05	-1.237e+05	-1.563e+05	2.954e+05
		192	24.50	5.20	-13.42	-4.15	-4.08	9.31	1.971e+05	-5.311e+05	-1.510e+05	-1.830e+05	3.637e+05
		215	26.38	2.17	-16.94	-5.24	-9.54	9.31	1.266e+05	-6.303e+05	-1.793e+05	-3.244e+05	3.714e+05
148	5	214	15.27	1.56	-11.41	-3.04	-6.81	6.21	4.009e+04	-3.849e+05	-1.119e+05	-2.329e+05	2.037e+05
		191	13.36	4.15	-8.27	-2.08	-2.04	6.21	9.906e+04	-2.954e+05	-8.717e+04	-1.091e+05	1.969e+05
		192	16.38	3.46	-8.95	-2.77	-2.72	6.21	1.265e+05	-3.589e+05	-1.055e+05	-1.269e+05	2.425e+05
		215	17.65	1.44	-11.30	-3.49	-6.36	6.21	7.958e+04	-4.251e+05	-1.243e+05	-2.212e+05	2.476e+05
148	8	214	3.67	0.31	-2.28	-0.61	-1.36	1.24	-2.052e+04	-1.062e+05	-5.044e+04	-7.628e+04	4.085e+04
		191	3.14	0.83	-1.65	-0.42	-0.41	1.24	-9126.53	-8.791e+04	-4.549e+04	-5.154e+04	3.927e+04
		192	3.72	0.69	-1.79	-0.55	-0.54	1.24	-3928.49	-1.009e+05	-4.964e+04	-5.520e+04	4.841e+04
		215	4.07	0.29	-2.26	-0.70	-1.27	1.24	-1.306e+04	-1.144e+05	-5.341e+04	-7.405e+04	4.961e+04
148	11	214	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		191	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.76
		192	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		215	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
149	1	215	28.75	2.85	-21.72	-5.92	-12.95	11.77	8.319e+04	-7.202e+05	-2.016e+05	-4.354e+05	3.843e+05
		192	24.99	7.71	-15.84	-4.13	-4.00	11.77	2.011e+05	-5.412e+05	-1.521e+05	-1.879e+05	3.707e+05
		187	29.89	6.67	-16.87	-5.17	-5.03	11.77	2.455e+05	-6.439e+05	-1.817e+05	-2.167e+05	4.443e+05
		210	32.58	2.67	-21.54	-6.61	-12.26	11.77	1.465e+05	-7.847e+05	-2.216e+05	-4.166e+05	4.553e+05
149	5	215	19.25	1.90	-14.48	-3.95	-8.63	7.85	5.052e+04	-4.853e+05	-1.392e+05	-2.955e+05	2.562e+05
		192	16.71	5.14	-10.56	-2.76	-2.67	7.85	1.291e+05	-3.658e+05	-1.062e+05	-1.305e+05	2.471e+05
		187	19.97	4.45	-11.25	-3.44	-3.36	7.85	1.586e+05	-4.343e+05	-1.260e+05	-1.497e+05	2.962e+05
		210	21.80	1.78	-14.36	-4.41	-8.17	7.85	9.265e+04	-5.283e+05	-1.527e+05	-2.830e+05	3.036e+05
149	8	215	4.48	0.38	-2.90	-0.79	-1.73	1.57	-1.951e+04	-1.278e+05	-5.672e+04	-9.053e+04	5.142e+04
		192	3.80	1.03	-2.11	-0.55	-0.53	1.57	-4432.55	-1.032e+05	-5.012e+04	-5.754e+04	4.926e+04
		187	4.43	0.89	-2.25	-0.69	-0.67	1.57	1106.59	-1.173e+05	-5.470e+04	-6.150e+04	5.911e+04
		210	4.92	0.36	-2.87	-0.88	-1.63	1.57	-1.164e+04	-1.365e+05	-6.003e+04	-8.815e+04	6.085e+04
149	11	215	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66

		192	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
		187	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		210	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
150	1	210	34.44	468.57	-506.37	-10.01	-27.79	-487.39	1.804e+05	-7.621e+05	-2.118e+05	-3.699e+05	4.645e+05
		187	32.70	590.74	-393.86	29.10	167.78	-487.39	2.607e+05	-6.532e+05	-1.803e+05	-2.122e+05	4.567e+05
		188	34.85	575.10	-409.50	13.46	152.14	-487.39	2.809e+05	-6.979e+05	-1.923e+05	-2.247e+05	4.891e+05
		211	36.29	468.49	-506.30	-20.44	-17.36	-487.39	2.105e+05	-7.915e+05	-2.197e+05	-3.614e+05	4.960e+05
150	5	210	23.01	312.38	-337.58	-6.67	-18.53	-324.93	1.156e+05	-5.126e+05	-1.459e+05	-2.510e+05	3.097e+05
		187	21.84	393.83	-262.57	19.40	111.86	-324.93	1.692e+05	-4.401e+05	-1.249e+05	-1.459e+05	3.045e+05
		188	23.27	383.40	-273.00	8.97	101.42	-324.93	1.827e+05	-4.698e+05	-1.329e+05	-1.542e+05	3.261e+05
		211	24.24	312.33	-337.53	-13.63	-11.57	-324.93	1.357e+05	-5.322e+05	-1.511e+05	-2.453e+05	3.306e+05
150	8	210	5.01	62.48	-67.52	-1.33	-3.71	-64.99	-4619.99	-1.297e+05	-5.764e+04	-7.667e+04	6.181e+04
		187	4.73	78.77	-52.51	3.88	22.37	-64.99	6495.26	-1.156e+05	-5.343e+04	-5.565e+04	6.102e+04
		188	5.00	76.68	-54.60	1.79	20.28	-64.99	9374.28	-1.213e+05	-5.470e+04	-5.725e+04	6.534e+04
		211	5.24	62.47	-67.51	-2.73	-2.31	-64.99	-341.11	-1.335e+05	-5.834e+04	-7.547e+04	6.601e+04
150	11	210	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		187	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
		188	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		211	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
151	1	211	41.19	348.98	-348.40	-12.24	12.82	-348.46	2.766e+05	-6.319e+05	-1.414e+05	-2.139e+05	4.528e+05
		188	40.96	415.10	-290.14	8.49	116.47	-348.46	2.905e+05	-6.150e+05	-1.363e+05	-1.883e+05	4.520e+05
		193	41.44	406.22	-299.02	-0.39	107.59	-348.46	2.944e+05	-6.224e+05	-1.377e+05	-1.903e+05	4.577e+05
		216	41.64	349.24	-348.66	-18.16	18.74	-348.46	2.825e+05	-6.368e+05	-1.421e+05	-2.123e+05	4.583e+05
151	5	211	27.49	232.65	-232.26	-8.16	8.55	-232.31	1.815e+05	-4.241e+05	-9.734e+04	-1.452e+05	3.018e+05
		188	27.34	276.73	-193.42	5.66	77.65	-232.31	1.908e+05	-4.129e+05	-9.392e+04	-1.281e+05	3.014e+05
		193	27.66	270.81	-199.35	-0.26	71.73	-232.31	1.935e+05	-4.178e+05	-9.478e+04	-1.295e+05	3.051e+05
		216	27.78	232.83	-232.44	-12.11	12.50	-232.31	1.855e+05	-4.273e+05	-9.771e+04	-1.441e+05	3.055e+05
151	8	211	5.72	46.53	-46.45	-1.63	1.71	-46.46	1.892e+04	-1.017e+05	-3.792e+04	-4.482e+04	6.019e+04
		188	5.71	55.35	-38.68	1.13	15.53	-46.46	2.117e+04	-9.981e+04	-3.723e+04	-4.140e+04	6.045e+04
		193	5.76	54.16	-39.87	-0.05	14.35	-46.46	2.197e+04	-1.005e+05	-3.693e+04	-4.158e+04	6.118e+04
		216	5.77	46.57	-46.49	-2.42	2.50	-46.46	2.004e+04	-1.021e+05	-3.751e+04	-4.451e+04	6.095e+04
151	11	211	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		188	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		193	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.79
		216	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
152	1	216	38.81	261.79	-242.93	-14.12	32.98	-251.26	2.858e+05	-5.019e+05	-1.069e+05	-1.092e+05	3.938e+05
		193	39.49	292.89	-216.81	-4.58	80.66	-251.26	2.624e+05	-5.339e+05	-1.161e+05	-1.553e+05	3.977e+05
		194	38.62	289.31	-220.39	-8.16	77.08	-251.26	2.579e+05	-5.205e+05	-1.110e+05	-1.515e+05	3.887e+05
		217	38.02	262.03	-243.16	-16.50	35.37	-251.26	2.783e+05	-4.924e+05	-1.030e+05	-1.112e+05	3.853e+05
152	5	216	25.88	174.53	-161.95	-9.41	21.99	-167.51	1.886e+05	-3.364e+05	-7.365e+04	-7.410e+04	2.625e+05
		193	26.35	195.26	-144.54	-3.05	53.77	-167.51	1.732e+05	-3.578e+05	-7.980e+04	-1.048e+05	2.652e+05
		194	25.77	192.88	-146.92	-5.44	51.39	-167.51	1.703e+05	-3.487e+05	-7.621e+04	-1.022e+05	2.592e+05
		217	25.35	174.69	-162.11	-11.00	23.58	-167.51	1.837e+05	-3.299e+05	-7.084e+04	-7.538e+04	2.568e+05
152	8	216	5.27	34.91	-32.39	-1.88	4.40	-33.50	2.645e+04	-7.789e+04	-2.894e+04	-2.250e+04	5.207e+04
		193	5.45	39.05	-28.91	-0.61	10.75	-33.50	2.407e+04	-8.288e+04	-3.017e+04	-2.864e+04	5.347e+04
		194	5.32	38.58	-29.38	-1.09	10.28	-33.50	2.404e+04	-8.039e+04	-2.843e+04	-2.792e+04	5.221e+04
		217	5.16	34.94	-32.42	-2.20	4.72	-33.50	2.609e+04	-7.600e+04	-2.736e+04	-2.255e+04	5.099e+04
152	11	216	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	-537.93
		193	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	537.94
		194	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	470.70
		217	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.69
153	1	217	34.81	203.54	-178.31	-14.37	39.59	-189.01	2.557e+05	-3.838e+05	-7.855e+04	-4.958e+04	3.194e+05
		194	35.77	216.20	-168.10	-10.55	58.66	-189.01	2.184e+05	-4.319e+05	-9.278e+04	-1.208e+05	3.249e+05
		195	34.44	214.93	-169.37	-11.83	57.39	-189.01	2.119e+05	-4.139e+05	-8.625e+04	-1.157e+05	3.126e+05
		218	33.57	203.66	-178.43	-15.22	40.44	-189.01	2.449e+05	-3.709e+05	-7.360e+04	-5.239e+04	3.077e+05
153	5	217	23.21	135.69	-118.87	-9.58	26.40	-126.00	1.693e+05	-2.569e+05	-5.411e+04	-3.349e+04	2.129e+05
		194	23.87	144.14	-112.06	-7.04	39.11	-126.00	1.446e+05	-2.891e+05	-6.360e+04	-8.094e+04	2.167e+05
		195	22.98	143.29	-112.91	-7.88	38.26	-126.00	1.404e+05	-2.769e+05	-5.906e+04	-7.750e+04	2.084e+05
		218	22.38	135.77	-118.95	-10.14	26.96	-126.00	1.622e+05	-2.482e+05	-5.063e+04	-3.532e+04	2.051e+05
153	8	217	4.69	27.14	-23.77	-1.92	5.28	-25.20	2.719e+04	-5.777e+04	-2.129e+04	-9299.14	4.206e+04
		194	4.91	28.83	-22.41	-1.41	7.82	-25.20	2.292e+04	-6.489e+04	-2.318e+04	-1.879e+04	4.385e+04
		195	4.72	28.66	-22.58	-1.58	7.65	-25.20	2.265e+04	-6.172e+04	-2.118e+04	-1.788e+04	4.215e+04
		218	4.51	27.15	-23.79	-2.03	5.39	-25.20	2.639e+04	-5.534e+04	-1.950e+04	-9447.72	4.055e+04
153	11	217	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.42
		194	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
		195	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		218	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
154	1	218	30.61	162.83	-136.42	-13.92	40.33	-147.15	2.162e+05	-2.876e+05	-5.609e+04	-1.535e+04	2.511e+05
		195	31.62	165.57	-134.29	-13.11	44.39	-147.15	1.757e+05	-3.382e+05	-7.126e+04	-9.120e+04	2.568e+05
		196	30.19	165.33	-134.53	-13.35	44.14	-147.15	1.695e+05	-3.209e+05	-6.511e+04	-8.633e+04	2.450e+05
		219	29.26	162.86	-136.45	-14.08	40.49	-147.15	2.057e+05	-2.752e+05	-5.146e+04	-1.807e+04	2.398e+05
154	5	218	20.41	108.56	-90.95	-9.28	26.89	-98.10	1.435e+05	-1.923e+05	-3.862e+04	-1.016e+04	1.673e+05
		195	21.10	110.38	-89.53	-8.74	29.59	-98.10	1.166e+05	-2.261e+05	-4.873e+04	-6.072e+04	1.713e+05
		196	20.14	110.22	-89.69	-8.90	29.43	-98.10	1.126e+05	-2.145e+05	-4.447e+04	-5.744e+04	1.634e+05
		219	19.51	108.58	-90.97	-9.39	26.99	-98.10	1.366e+05	-1.839e+05	-3.537e+04	-1.194e+04	1.598e+05
154	8	218	4.11	21.71	-18.19	-1.86	5.38	-19.62	2.528e+04	-4.198e+04	-1.511e+04	-1588.73	3.295e+04
		195	4.33	22.08	-17.91	-1.75	5.92	-19.62	2.046e+04	-4.929e+04	-1.713e+04	-1.170e+04	3.477e+04

		196	4.12	22.04	-17.94	-1.78	5.89	-19.62	2.014e+04	-4.629e+04	-1.530e+04	-1.085e+04	3.314e+04
		219	3.92	21.72	-18.19	-1.88	5.40	-19.62	2.443e+04	-3.966e+04	-1.348e+04	-1748.50	3.150e+04
154	11	218	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		195	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
		196	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.94
		219	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
155	1	219	26.47	132.47	-107.27	-13.18	38.37	-117.07	1.761e+05	-2.105e+05	-3.887e+04	4468.10	1.920e+05
		196	27.42	129.78	-109.31	-13.97	34.44	-117.07	1.374e+05	-2.575e+05	-5.316e+04	-6.700e+04	1.973e+05
		197	26.03	129.99	-109.09	-13.75	34.65	-117.07	1.320e+05	-2.428e+05	-4.794e+04	-6.284e+04	1.872e+05
		220	25.15	132.44	-107.24	-13.04	38.23	-117.07	1.669e+05	-1.998e+05	-3.494e+04	2134.31	1.824e+05
155	5	219	17.64	88.31	-71.52	-8.79	25.58	-78.05	1.171e+05	-1.405e+05	-2.674e+04	3339.90	1.280e+05
		196	18.29	86.52	-72.87	-9.31	22.96	-78.05	9.141e+04	-1.720e+05	-3.627e+04	-4.431e+04	1.316e+05
		197	17.36	86.66	-72.73	-9.17	23.10	-78.05	8.789e+04	-1.620e+05	-3.265e+04	-4.150e+04	1.249e+05
		220	16.76	88.29	-71.50	-8.69	25.49	-78.05	1.111e+05	-1.333e+05	-2.399e+04	1811.16	1.215e+05
155	8	219	3.56	17.66	-14.30	-1.76	5.12	-15.61	2.221e+04	-2.973e+04	-1.035e+04	2825.49	2.512e+04
		196	3.75	17.30	-14.57	-1.86	4.59	-15.61	1.746e+04	-3.642e+04	-1.225e+04	-6703.57	2.680e+04
		197	3.55	17.33	-14.55	-1.83	4.62	-15.61	1.717e+04	-3.386e+04	-1.072e+04	-5980.42	2.541e+04
		220	3.37	17.66	-14.30	-1.74	5.10	-15.61	2.143e+04	-2.773e+04	-8982.93	2682.36	2.388e+04
155	11	219	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.14	2708.75	-589.07
		196	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	589.07
		197	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		220	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
156	1	220	22.41	108.51	-85.75	-12.35	35.10	-94.19	1.383e+05	-1.492e+05	-2.610e+04	1.524e+04	1.423e+05
		197	23.23	102.96	-89.84	-13.96	27.08	-94.19	1.038e+05	-1.901e+05	-3.868e+04	-4.763e+04	1.469e+05
		198	21.96	103.36	-89.43	-13.56	27.48	-94.19	9.946e+04	-1.782e+05	-3.448e+04	-4.427e+04	1.388e+05
		221	21.19	108.44	-85.69	-12.08	34.84	-94.19	1.309e+05	-1.405e+05	-2.296e+04	1.336e+04	1.345e+05
156	5	220	14.94	72.34	-57.17	-8.23	23.40	-62.79	9.220e+04	-9.949e+04	-1.794e+04	1.066e+04	9.477e+04
		197	15.50	68.64	-59.89	-9.30	18.05	-62.79	6.924e+04	-1.268e+05	-2.633e+04	-3.126e+04	9.800e+04
		198	14.65	68.90	-59.62	-9.04	18.32	-62.79	6.639e+04	-1.188e+05	-2.342e+04	-2.900e+04	9.256e+04
		221	14.13	72.29	-57.13	-8.06	23.22	-62.79	8.732e+04	-9.364e+04	-1.574e+04	9420.97	8.960e+04
156	8	220	3.03	14.47	-11.43	-1.65	4.68	-12.56	1.861e+04	-2.035e+04	-6829.27	5084.63	1.855e+04
		197	3.18	13.73	-11.98	-1.86	3.61	-12.56	1.427e+04	-2.608e+04	-8505.89	-3298.47	2.001e+04
		198	3.00	13.78	-11.92	-1.81	3.66	-12.56	1.402e+04	-2.402e+04	-7279.79	-2717.93	1.889e+04
		221	2.86	14.46	-11.43	-1.61	4.64	-12.56	1.796e+04	-1.873e+04	-5742.89	4966.59	1.755e+04
156	11	220	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		197	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
		198	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	467.43
		221	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
157	1	221	18.84	89.76	-69.72	-11.46	31.51	-76.79	1.068e+05	-1.033e+05	-1.671e+04	2.023e+04	1.034e+05
		198	19.52	82.85	-74.68	-13.44	21.62	-76.79	7.716e+04	-1.376e+05	-2.737e+04	-3.308e+04	1.074e+05
		199	18.38	83.31	-74.22	-12.99	22.07	-76.79	7.374e+04	-1.283e+05	-2.411e+04	-3.046e+04	1.010e+05
		222	17.74	89.68	-69.64	-11.16	31.20	-76.79	1.010e+05	-9.651e+04	-1.427e+04	1.875e+04	9.736e+04
157	5	221	12.56	59.84	-46.48	-7.64	21.00	-51.19	7.135e+04	-6.880e+04	-1.147e+04	1.402e+04	6.890e+04
		198	13.02	55.24	-49.79	-8.96	14.41	-51.19	5.159e+04	-9.169e+04	-1.858e+04	-2.152e+04	7.162e+04
		199	12.26	55.54	-49.48	-8.66	14.72	-51.19	4.935e+04	-8.543e+04	-1.632e+04	-1.976e+04	6.737e+04
		222	11.83	59.79	-46.42	-7.44	20.80	-51.19	6.750e+04	-6.420e+04	-9755.38	1.305e+04	6.486e+04
157	8	221	2.57	11.97	-9.30	-1.53	4.20	-10.24	1.525e+04	-1.352e+04	-4259.98	5982.54	1.344e+04
		198	2.68	11.05	-9.96	-1.79	2.88	-10.24	1.144e+04	-1.824e+04	-5681.63	-1125.66	1.466e+04
		199	2.52	11.11	-9.90	-1.73	2.94	-10.24	1.123e+04	-1.664e+04	-4734.92	-673.86	1.379e+04
		222	2.42	11.96	-9.28	-1.49	4.16	-10.24	1.472e+04	-1.225e+04	-3422.64	5887.55	1.266e+04
157	11	221	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		198	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
		199	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		222	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
158	1	222	15.64	74.43	-57.16	-10.57	27.84	-62.93	8.069e+04	-6.916e+04	-1.005e+04	2.158e+04	7.323e+04
		199	16.16	67.05	-62.35	-12.67	17.36	-62.93	5.592e+04	-9.697e+04	-1.881e+04	-2.224e+04	7.643e+04
		200	15.15	67.49	-61.90	-12.22	17.81	-62.93	5.329e+04	-8.987e+04	-1.633e+04	-2.025e+04	7.156e+04
		223	14.66	74.35	-57.08	-10.27	27.54	-62.93	7.620e+04	-6.395e+04	-8196.42	2.044e+04	6.859e+04
158	5	222	10.43	49.62	-38.11	-7.05	18.56	-41.95	5.398e+04	-4.597e+04	-6879.56	1.489e+04	4.878e+04
		199	10.78	44.70	-41.57	-8.45	11.58	-41.95	3.748e+04	-6.452e+04	-1.272e+04	-1.432e+04	5.100e+04
		200	10.10	45.00	-41.27	-8.15	11.87	-41.95	3.576e+04	-5.975e+04	-1.101e+04	-1.298e+04	4.775e+04
		223	9.78	49.56	-38.05	-6.85	18.36	-41.95	5.102e+04	-4.246e+04	-5583.81	1.415e+04	4.569e+04
158	8	222	2.17	9.92	-7.62	-1.41	3.71	-8.39	1.216e+04	-8614.13	-2464.85	6012.88	9483.97
		199	2.23	8.94	-8.31	-1.69	2.32	-8.39	8910.12	-1.237e+04	-3633.42	170.03	1.047e+04
		200	2.08	9.00	-8.25	-1.63	2.37	-8.39	8745.57	-1.116e+04	-2922.62	512.51	9801.26
		223	2.03	9.91	-7.61	-1.37	3.67	-8.39	1.175e+04	-7648.27	-1837.52	5938.02	8885.19
158	11	222	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		199	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
		200	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		223	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
159	1	223	12.70	61.36	-46.90	-9.72	24.17	-51.41	5.897e+04	-4.410e+04	-5572.12	2.044e+04	4.986e+04
		200	13.05	54.04	-51.93	-11.77	13.89	-51.41	3.897e+04	-6.579e+04	-1.252e+04	-1.430e+04	5.237e+04
		201	12.17	54.46	-51.52	-11.36	14.30	-51.41	3.702e+04	-6.055e+04	-1.070e+04	-1.283e+04	4.877e+04
		224	11.85	61.27	-46.82	-9.44	23.90	-51.41	5.562e+04	-4.024e+04	-4214.94	1.960e+04	4.643e+04
159	5	223	8.48	40.90	-31.27	-6.48	16.12	-34.27	3.952e+04	-2.925e+04	-3801.91	1.407e+04	3.321e+04
		200	8.70	36.03	-34.62	-7.85	9.26	-34.27	2.619e+04	-4.372e+04	-8434.35	-9092.11	3.495e+04
		201	8.11	36.30	-34.34	-7.58	9.53	-34.27	2.491e+04	-4.019e+04	-7176.61	-8099.37	3.255e+04

		224	7.91	40.85	-31.21	-6.30	15.93	-34.27	3.732e+04	-2.665e+04	-2853.01	1.352e+04	3.092e+04
159	8	223	1.80	8.18	-6.25	-1.30	3.22	-6.85	9352.92	-5175.24	-1286.16	5463.84	6432.43
		200	1.81	7.21	-6.92	-1.57	1.85	-6.85	6667.63	-8048.87	-2212.65	831.41	7199.12
		201	1.69	7.26	-6.87	-1.52	1.91	-6.85	6540.12	-7153.71	-1696.47	1082.88	6704.40
		224	1.68	8.17	-6.24	-1.26	3.19	-6.85	9039.78	-4465.03	-831.75	5406.49	5988.83
159	11	223	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		200	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		201	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		224	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
160	1	224	10.25	50.59	-38.66	-8.86	20.80	-42.09	4.235e+04	-2.688e+04	-2614.49	1.809e+04	3.304e+04
		201	10.42	43.67	-43.32	-10.79	11.14	-42.09	2.654e+04	-4.338e+04	-7999.87	-8841.34	3.496e+04
		202	9.66	44.03	-42.96	-10.43	11.50	-42.09	2.512e+04	-3.958e+04	-6689.51	-7771.46	3.234e+04
		225	9.51	50.51	-38.58	-8.62	20.55	-42.09	3.992e+04	-2.408e+04	-1640.71	1.747e+04	3.054e+04
160	5	224	6.84	33.73	-25.77	-5.91	13.86	-28.06	2.844e+04	-1.779e+04	-1772.05	1.242e+04	2.200e+04
		201	6.95	29.11	-28.88	-7.20	7.43	-28.06	1.789e+04	-2.878e+04	-5362.30	-5529.03	2.333e+04
		202	6.44	29.35	-28.64	-6.95	7.67	-28.06	1.695e+04	-2.622e+04	-4457.93	-4809.61	2.159e+04
		225	6.35	33.68	-25.72	-5.75	13.70	-28.06	2.683e+04	-1.590e+04	-1092.06	1.202e+04	2.034e+04
160	8	224	1.49	6.75	-5.15	-1.18	2.77	-5.61	7049.08	-2906.97	-530.91	4673.02	4243.88
		201	1.46	5.82	-5.78	-1.44	1.49	-5.61	4878.07	-5044.26	-1248.96	1082.77	4822.23
		202	1.35	5.87	-5.73	-1.39	1.53	-5.61	4780.70	-4400.40	-883.31	1263.61	4463.28
		225	1.39	6.74	-5.14	-1.15	2.74	-5.61	6817.29	-2397.96	-210.14	4629.47	3921.07
160	11	224	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		201	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
		202	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		225	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
161	1	225	8.05	41.14	-31.63	-8.05	17.55	-34.06	2.919e+04	-1.519e+04	-879.75	1.488e+04	2.074e+04
		202	8.05	34.81	-35.80	-9.80	8.81	-34.06	1.716e+04	-2.715e+04	-4878.22	-5117.07	2.216e+04
		203	7.41	35.12	-35.49	-9.49	9.11	-34.06	1.616e+04	-2.450e+04	-3972.47	-4371.43	2.033e+04
		226	7.44	41.06	-31.56	-7.84	17.35	-34.06	2.748e+04	-1.325e+04	-209.20	1.444e+04	1.900e+04
161	5	225	5.38	27.42	-21.09	-5.36	11.70	-22.70	1.963e+04	-1.002e+04	-584.82	1.020e+04	1.381e+04
		202	5.37	23.21	-23.87	-6.53	5.87	-22.70	1.160e+04	-1.798e+04	-3250.46	-3130.66	1.479e+04
		203	4.94	23.41	-23.66	-6.32	6.08	-22.70	1.094e+04	-1.620e+04	-2626.11	-2629.46	1.357e+04
		226	4.97	27.38	-21.04	-5.23	11.56	-22.70	1.851e+04	-8708.52	-117.27	9914.76	1.265e+04
161	8	225	1.21	5.48	-4.22	-1.07	2.34	-4.54	5078.17	-1464.52	-108.46	3722.10	2652.06
		202	1.14	4.64	-4.77	-1.31	1.17	-4.54	3390.70	-2975.83	-641.59	1056.45	3067.96
		203	1.05	4.68	-4.73	-1.26	1.22	-4.54	3319.34	-2531.65	-393.62	1181.31	2817.52
		226	1.13	5.48	-4.21	-1.05	2.31	-4.54	4914.71	-1116.41	108.15	3690.16	2426.08
161	11	225	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		202	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
		203	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		226	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
162	1	226	6.26	33.20	-25.80	-7.23	14.63	-27.40	1.956e+04	-7868.61	81.01	1.161e+04	1.244e+04
		203	6.10	27.57	-29.43	-8.78	6.91	-27.40	1.067e+04	-1.622e+04	-2793.94	-2761.30	1.344e+04
		204	5.55	27.82	-29.18	-8.52	7.17	-27.40	9981.85	-1.443e+04	-2186.84	-2256.55	1.220e+04
		227	5.75	33.14	-25.74	-7.06	14.46	-27.40	1.841e+04	-6561.50	528.40	1.132e+04	1.126e+04
162	5	226	4.19	22.13	-17.20	-4.82	9.75	-18.27	1.318e+04	-5164.35	69.80	7947.11	8284.16
		203	4.07	18.38	-19.62	-5.85	4.61	-18.27	7234.56	-1.072e+04	-1846.84	-1636.09	8975.41
		204	3.70	18.55	-19.45	-5.68	4.78	-18.27	6784.71	-9510.65	-1428.98	-1296.97	8147.41
		227	3.85	22.09	-17.16	-4.71	9.64	-18.27	1.242e+04	-4284.59	381.18	7753.83	7494.57
162	8	226	0.98	4.43	-3.44	-0.96	1.95	-3.65	3545.18	-620.65	107.57	2816.96	1582.19
		203	0.88	3.68	-3.92	-1.17	0.92	-3.65	2272.30	-1647.73	-275.76	900.32	1869.72
		204	0.81	3.71	-3.89	-1.14	0.96	-3.65	2221.56	-1351.10	-113.44	983.90	1699.98
		227	0.92	4.42	-3.43	-0.94	1.93	-3.65	3434.50	-391.85	248.59	2794.06	1428.42
162	11	226	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		203	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		204	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		227	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
163	1	227	4.77	26.27	-20.77	-6.44	11.94	-21.65	1.253e+04	-3548.21	491.30	8493.96	6974.56
		204	4.45	21.38	-23.85	-7.77	5.30	-21.65	6236.19	-9057.62	-1476.49	-1344.95	7646.62
		205	4.01	21.59	-23.64	-7.56	5.51	-21.65	5788.49	-7896.21	-1088.86	-1018.86	6842.26
		228	4.36	26.22	-20.71	-6.30	11.80	-21.65	1.180e+04	-2718.80	775.36	8302.21	6205.57
163	5	227	3.20	17.52	-13.84	-4.29	7.96	-14.43	8458.02	-2309.70	346.60	5801.72	4641.80
		204	2.97	14.25	-15.90	-5.18	3.53	-14.43	4245.30	-5968.11	-965.26	-757.55	5105.65
		205	2.67	14.39	-15.76	-5.04	3.67	-14.43	3950.93	-5188.46	-698.94	-538.58	4568.99
		228	2.93	17.48	-13.81	-4.20	7.87	-14.43	7971.42	-1752.08	543.87	5675.47	4129.56
163	8	227	0.78	3.50	-2.77	-0.86	1.59	-2.89	2352.00	-174.85	182.95	1994.20	880.95
		204	0.66	2.85	-3.18	-1.04	0.71	-2.89	1435.86	-832.93	-79.42	682.35	1068.54
		205	0.60	2.88	-3.15	-1.01	0.73	-2.89	1401.52	-644.67	21.22	735.62	958.71
		228	0.73	3.50	-2.76	-0.84	1.57	-2.89	2281.62	-33.40	269.79	1978.43	781.00
163	11	227	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		204	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	59.25
		205	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		228	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
164	1	228	3.49	20.01	-16.28	-5.67	9.40	-16.50	7460.27	-1265.76	540.16	5654.35	3535.13
		205	3.07	15.89	-18.79	-6.78	3.88	-16.50	3316.37	-4586.54	-703.96	-566.22	3950.86
		206	2.72	16.06	-18.63	-6.61	4.04	-16.50	3044.99	-3891.72	-475.49	-371.23	3467.97
		229	3.19	19.96	-16.23	-5.56	9.29	-16.50	7031.36	-786.64	706.41	5538.31	3073.03

164	5	228	2.35	13.34	-10.85	-3.78	6.27	-11.00	5040.77	-809.88	376.32	3854.57	2352.23
		205	2.05	10.59	-12.53	-4.52	2.58	-11.00	2266.87	-3012.44	-453.09	-292.48	2638.43
		206	1.82	10.70	-12.42	-4.41	2.70	-11.00	2088.20	-2546.32	-296.49	-161.63	2316.28
		229	2.15	13.31	-10.82	-3.71	6.19	-11.00	4757.73	-488.21	491.45	3778.07	2044.38
164	8	228	0.60	2.67	-2.17	-0.76	1.25	-2.20	1436.06	16.60	172.05	1280.62	443.26
		205	0.46	2.12	-2.51	-0.90	0.52	-2.20	826.51	-369.14	6.17	451.21	554.87
		206	0.42	2.14	-2.48	-0.88	0.54	-2.20	805.02	-259.19	63.30	482.54	489.08
		229	0.56	2.66	-2.16	-0.74	1.24	-2.20	1395.40	95.95	220.88	1270.48	383.06
164	11	228	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		205	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
		206	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		229	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
165	1	229	2.49	14.63	-12.41	-4.91	7.13	-12.11	4125.50	-263.55	436.17	3425.79	1606.70
		206	2.02	11.28	-14.39	-5.80	2.69	-12.11	1600.86	-2085.09	-288.20	-196.04	1842.40
		207	1.75	11.41	-14.26	-5.67	2.82	-12.11	1448.80	-1701.68	-164.39	-88.49	1574.78
		230	2.28	14.60	-12.38	-4.82	7.04	-12.11	3901.03	-14.68	525.49	3360.86	1350.31
165	5	229	1.68	9.76	-8.28	-3.27	4.75	-8.07	2789.63	-157.10	302.15	2330.38	1068.82
		206	1.35	7.52	-9.59	-3.86	1.79	-8.07	1099.06	-1363.99	-180.76	-84.17	1230.58
		207	1.17	7.60	-9.51	-3.78	1.88	-8.07	998.81	-1106.99	-96.13	-12.05	1052.06
		230	1.54	9.73	-8.25	-3.22	4.70	-8.07	2641.56	9.75	363.79	2287.52	898.00
165	8	229	0.44	1.95	-1.66	-0.65	0.95	-1.61	804.22	69.27	128.38	745.11	199.87
		206	0.31	1.50	-1.92	-0.77	0.36	-1.61	431.39	-137.39	31.80	262.20	260.01
		207	0.28	1.52	-1.90	-0.76	0.38	-1.61	418.97	-78.55	61.29	279.14	223.65
		230	0.42	1.95	-1.65	-0.64	0.94	-1.61	783.00	109.32	153.27	739.05	166.37
165	11	229	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		206	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		207	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		230	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
166	1	230	1.65	9.82	-8.95	-4.16	5.02	-8.18	1972.00	45.94	266.77	1751.17	613.64
		207	1.21	7.21	-10.40	-4.83	1.64	-8.18	653.12	-801.31	-94.25	-53.93	726.94
		208	1.02	7.30	-10.30	-4.74	1.74	-8.18	579.82	-620.10	-37.15	-3.13	599.72
		231	1.51	9.79	-8.92	-4.10	4.96	-8.18	1874.16	153.22	307.46	1719.93	491.57
166	5	230	1.11	6.54	-5.97	-2.77	3.35	-5.46	1333.22	39.32	184.31	1188.23	408.15
		207	0.81	4.80	-6.93	-3.22	1.10	-5.46	450.23	-521.78	-56.37	-15.18	485.57
		208	0.68	4.86	-6.87	-3.16	1.16	-5.46	401.81	-400.44	-17.49	18.86	400.71
		231	1.02	6.52	-5.95	-2.73	3.31	-5.46	1268.66	111.15	212.25	1167.56	326.81
166	8	230	0.30	1.31	-1.19	-0.55	0.67	-1.09	381.19	56.65	75.53	362.30	75.97
		207	0.19	0.96	-1.39	-0.64	0.22	-1.09	187.57	-38.55	27.40	121.62	102.77
		208	0.17	0.97	-1.37	-0.63	0.23	-1.09	181.24	-11.77	40.06	129.40	85.54
		231	0.28	1.30	-1.19	-0.55	0.66	-1.09	371.73	73.43	86.01	359.15	59.96
166	11	230	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		207	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		208	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		231	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
167	1	231	0.93	5.53	-5.86	-3.42	3.09	-4.67	722.82	57.56	114.85	665.53	186.63
		208	0.64	3.62	-6.79	-3.89	0.72	-4.67	207.27	-247.08	-21.85	-17.96	227.17
		209	0.53	3.69	-6.73	-3.83	0.78	-4.67	180.19	-182.09	-2.15	0.24	181.14
		232	0.87	5.51	-5.83	-3.38	3.05	-4.67	690.12	92.51	128.61	654.02	142.37
167	5	231	0.62	3.69	-3.90	-2.28	2.06	-3.11	487.87	41.64	79.39	450.11	124.18
		208	0.43	2.42	-4.53	-2.59	0.48	-3.11	143.07	-160.36	-11.74	-5.55	151.68
		209	0.36	2.46	-4.49	-2.55	0.52	-3.11	125.12	-116.90	1.59	6.63	120.99
		232	0.59	3.67	-3.89	-2.25	2.03	-3.11	466.23	65.01	88.76	442.48	94.69
167	8	231	0.16	0.74	-0.78	-0.46	0.41	-0.62	134.01	27.35	32.77	128.59	23.41
		208	0.10	0.48	-0.91	-0.52	0.10	-0.62	59.77	-7.77	14.54	37.46	31.76
		209	0.09	0.49	-0.90	-0.51	0.10	-0.62	57.04	1.48	18.39	40.13	25.56
		232	0.16	0.73	-0.78	-0.45	0.41	-0.62	130.56	32.56	35.82	127.30	17.57
167	11	231	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		208	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		209	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		232	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
168	1	232	0.36	1.80	-3.18	-2.69	1.31	-1.49	147.93	13.07	26.07	134.93	39.80
		209	0.26	0.53	-3.60	-2.97	-0.10	-1.49	42.02	-52.84	-2.56	-8.25	47.35
		31	0.22	0.57	-3.56	-2.93	-0.06	-1.49	36.41	-40.06	1.02	-4.67	38.13
		32	0.35	1.79	-3.16	-2.66	1.29	-1.49	141.02	19.98	28.46	132.55	30.89
168	5	232	0.24	1.20	-2.12	-1.79	0.87	-0.99	99.53	9.60	18.26	90.87	26.53
		209	0.17	0.36	-2.40	-1.98	-0.07	-0.99	28.92	-34.33	-0.83	-4.59	31.57
		31	0.15	0.38	-2.38	-1.96	-0.04	-0.99	25.17	-25.81	1.56	-2.20	25.42
		32	0.23	1.19	-2.11	-1.78	0.86	-0.99	94.93	14.21	19.86	89.28	20.59
168	8	232	0.06	0.24	-0.42	-0.36	0.17	-0.20	25.38	7.22	8.92	23.68	5.29
		209	0.04	0.07	-0.48	-0.40	-0.01	-0.20	11.18	-1.49	5.10	4.59	6.33
		31	0.03	0.08	-0.48	-0.39	-8.45e-03	-0.20	10.44	0.23	5.59	5.07	5.10
		32	0.05	0.24	-0.42	-0.36	0.17	-0.20	24.47	8.15	9.25	23.36	4.10
168	11	232	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		209	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		31	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		32	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
169	1	235	8.32	9.18e-03	-6.48	-5.77	-0.70	-2.02	-1.623e+04	-2.291e+05	-2.150e+05	-3.034e+04	-5.295e+04

		1	8.32	9.18e-03	-6.48	-5.77	-0.70	-2.02-1.623e+04-2.291e+05-2.150e+05-3.034e+04-5.295e+04
		212	8.32	9.18e-03	-6.48	-5.77	-0.70	-2.02-1.623e+04-2.291e+05-2.150e+05-3.034e+04-5.295e+04
169	5	235	5.64	6.12e-03	-4.32	-3.85	-0.46	-1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+04-3.530e+04
		1	5.64	6.12e-03	-4.32	-3.85	-0.46	-1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+04-3.530e+04
		212	5.64	6.12e-03	-4.32	-3.85	-0.46	-1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+04-3.530e+04
169	8	235	1.90	1.22e-03	-0.86	-0.77	-0.09	-0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 -7059.95
		1	1.90	1.22e-03	-0.86	-0.77	-0.09	-0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 -7059.95
		212	1.90	1.22e-03	-0.86	-0.77	-0.09	-0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 -7059.95
169	11	235	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 6.61e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 6.61e-05
		212	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 6.61e-05
170	1	235	13.54	-2.78	-12.46	-4.52	-10.71	3.72-1.026e+05-4.004e+05-1.427e+05-3.603e+051.016e+05
		212	9.99	-1.30	-9.38	-3.77	-6.92	3.72-8.127e+04-2.970e+05-1.219e+05-2.563e+058.434e+04
		213	14.30	-3.67	-11.30	-6.65	-8.32	3.72-8.138e+04-4.149e+05-2.013e+05-2.949e+051.600e+05
		236	15.95	-4.65	-12.81	-7.07	-10.39	3.72-9.897e+04-4.653e+05-2.127e+05-3.516e+051.695e+05
170	5	235	9.14	-1.85	-8.31	-3.02	-7.14	2.48-7.290e+04-2.715e+05-9.962e+04-2.448e+056.777e+04
		212	6.78	-0.87	-6.26	-2.51	-4.61	2.48-5.869e+04-2.025e+05-8.576e+04-1.755e+055.622e+04
		213	9.65	-2.45	-7.53	-4.43	-5.55	2.48-5.881e+04-2.811e+05-1.388e+05-2.012e+051.067e+05
		236	10.75	-3.10	-8.54	-4.71	-6.93	2.48-7.053e+04-3.148e+05-1.463e+05-2.390e+051.130e+05
170	8	235	2.66	-0.37	-1.66	-0.60	-1.43	0.50-4.162e+04-8.169e+04-4.692e+04-7.638e+041.358e+04
		212	2.21	-0.17	-1.25	-0.50	-0.92	0.50-3.884e+04-6.784e+04-4.415e+04-6.253e+041.122e+04
		213	2.72	-0.49	-1.51	-0.89	-1.11	0.50-3.911e+04-8.361e+04-5.500e+04-6.772e+042.132e+04
		236	2.94	-0.62	-1.71	-0.94	-1.39	0.50-4.141e+04-9.038e+04-5.651e+04-7.528e+042.261e+04
170	11	235	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04 35.46
		212	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04 -35.46
		213	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04 -19.34
		236	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04 19.34
171	1	236	22.02	-4.90	-20.05	-8.30	-16.64	6.32-1.362e+05-6.420e+05-2.476e+05-5.306e+052.096e+05
		213	18.01	-2.75	-16.10	-7.28	-11.56	6.32-1.041e+05-5.227e+05-2.224e+05-4.044e+051.885e+05
		214	21.84	-4.91	-17.89	-9.94	-12.85	6.32-1.005e+05-6.251e+05-2.889e+05-4.367e+052.517e+05
		237	24.35	-6.56	-20.43	-10.64	-16.35	6.32-1.274e+05-7.024e+05-3.063e+05-5.234e+052.662e+05
171	5	236	14.80	-3.26	-13.36	-5.53	-11.09	4.22-9.541e+04-4.327e+05-1.696e+05-3.585e+051.397e+05
		213	12.12	-1.83	-10.73	-4.86	-7.71	4.22-7.400e+04-3.531e+05-1.528e+05-2.743e+051.256e+05
		214	14.67	-3.27	-11.92	-6.63	-8.57	4.22-7.166e+04-4.214e+05-1.973e+05-2.958e+051.678e+05
		237	16.35	-4.37	-13.62	-7.09	-10.90	4.22-8.956e+04-4.730e+05-2.088e+05-3.537e+051.775e+05
171	8	236	3.75	-0.65	-2.67	-1.11	-2.22	0.84-4.667e+04-1.148e+05-6.136e+04-1.001e+052.801e+04
		213	3.22	-0.37	-2.15	-0.97	-1.54	0.84-4.255e+04-9.868e+04-5.799e+04-8.324e+042.507e+04
		214	3.69	-0.65	-2.38	-1.33	-1.71	0.84-4.240e+04-1.125e+05-6.725e+04-8.762e+043.352e+04
		237	4.04	-0.87	-2.72	-1.42	-2.18	0.84-4.587e+04-1.229e+05-6.957e+04-9.919e+043.554e+04
171	11	236	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 77.33
		213	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 -77.33
		214	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04 -53.16
		237	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04 53.17
172	1	237	30.37	-7.13	-27.60	-11.93	-22.80	8.67-1.853e+05-8.847e+05-3.465e+05-7.235e+052.945e+05
		214	24.93	-4.25	-22.46	-10.59	-16.12	8.67-1.402e+05-7.223e+05-3.119e+05-5.506e+052.655e+05
		215	28.95	-6.41	-24.25	-13.25	-17.41	8.67-1.363e+05-8.296e+05-3.816e+05-5.843e+053.315e+05
		238	32.80	-8.79	-27.99	-14.27	-22.50	8.67-1.763e+05-9.477e+05-4.079e+05-7.161e+053.536e+05
172	5	237	20.37	-4.75	-18.40	-7.95	-15.20	5.78-1.283e+05-5.947e+05-2.357e+05-4.873e+051.963e+05
		214	16.74	-2.83	-14.97	-7.06	-10.75	5.78-9.821e+04-4.864e+05-2.126e+05-3.720e+051.770e+05
		215	19.41	-4.28	-16.17	-8.84	-11.61	5.78-9.571e+04-5.579e+05-2.591e+05-3.945e+052.210e+05
		238	21.99	-5.86	-18.66	-9.51	-15.00	5.78-1.223e+05-6.367e+05-2.767e+05-4.823e+052.357e+05
172	8	237	4.89	-0.95	-3.68	-1.59	-3.04	1.16-5.400e+04-1.484e+05-7.519e+04-1.272e+053.938e+04
		214	4.15	-0.57	-2.99	-1.41	-2.15	1.16-4.828e+04-1.264e+05-7.058e+04-1.041e+053.528e+04
		215	4.66	-0.86	-3.23	-1.77	-2.32	1.16-4.821e+04-1.409e+05-8.038e+04-1.087e+054.411e+04
		238	5.19	-1.17	-3.73	-1.90	-3.00	1.16-5.332e+04-1.569e+05-8.389e+04-1.263e+054.723e+04
172	11	237	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04 135.76
		214	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04 -135.75
		215	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04 -103.43
		238	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04 103.43
173	1	238	38.74	-9.43	-35.16	-15.57	-29.01	10.97-2.489e+05-1.133e+06-4.510e+05-9.305e+053.712e+05
		215	31.48	-5.81	-28.77	-13.91	-20.68	10.97-1.887e+05-9.161e+05-4.049e+05-6.999e+053.324e+05
		210	35.79	-7.99	-30.58	-16.59	-21.98	10.97-1.848e+05-1.032e+06-4.801e+05-7.363e+054.035e+05
		233	41.31	-11.10	-35.55	-17.94	-28.72	10.97-2.402e+05-1.200e+06-5.173e+05-9.225e+054.348e+05
173	5	238	25.96	-6.29	-23.44	-10.38	-19.34	7.31-1.708e+05-7.603e+05-3.055e+05-6.256e+052.475e+05
		215	21.12	-3.87	-19.18	-9.27	-13.79	7.31-1.308e+05-6.158e+05-2.747e+05-4.719e+052.216e+05
		210	23.99	-5.33	-20.39	-11.06	-14.66	7.31-1.283e+05-6.928e+05-3.250e+05-4.961e+052.690e+05
		233	27.67	-7.40	-23.70	-11.96	-19.15	7.31-1.651e+05-8.049e+05-3.498e+05-6.203e+052.899e+05
173	8	238	6.05	-1.26	-4.69	-2.08	-3.87	1.46-6.348e+04-1.831e+05-8.998e+04-1.566e+054.966e+04
		215	5.06	-0.77	-3.84	-1.85	-2.76	1.46-5.593e+04-1.537e+05-8.383e+04-1.258e+054.415e+04
		210	5.61	-1.07	-4.08	-2.21	-2.93	1.46-5.598e+04-1.693e+05-9.449e+04-1.308e+055.366e+04
		233	6.37	-1.48	-4.74	-2.39	-3.83	1.46-6.299e+04-1.921e+05-9.945e+04-1.556e+055.812e+04
173	11	238	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04 209.66
		215	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04 -209.66
		210	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04 -169.34
		233	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04 169.34
174	1	233	41.36	519.09	-395.23	9.76	114.10	-454.18-1.986e+05-1.146e+06-5.002e+05-8.439e+054.412e+05
		210	37.49	642.36	-299.81	46.21	296.34	-454.18-1.516e+05-1.016e+06-4.708e+05-6.970e+054.173e+05

		211	39.47	615.01	-332.91	5.56	276.55	-454.18	-1.472e+05	-1.069e+06	-5.030e+05	-7.128e+05	4.486e+05
		234	42.74	506.18	-413.62	-26.03	118.60	-454.18	-1.898e+05	-1.179e+06	-5.285e+05	-8.402e+05	4.693e+05
174	5	233	27.67	346.06	-263.49	6.51	76.06	-302.78	-1.370e+05	-7.682e+05	-3.382e+05	-5.670e+05	2.941e+05
		210	25.10	428.24	-199.87	30.81	197.56	-302.78	-1.056e+05	-6.820e+05	-3.186e+05	-4.691e+05	2.782e+05
		211	26.42	410.01	-221.94	3.70	184.36	-302.78	-1.027e+05	-7.170e+05	-3.400e+05	-4.796e+05	2.991e+05
		234	28.59	337.45	-275.74	-17.36	79.07	-302.78	-1.311e+05	-7.904e+05	-3.570e+05	-5.645e+05	3.129e+05
174	8	233	6.20	69.21	-52.70	1.30	15.21	-60.56	-5.534e+04	-1.806e+05	-9.609e+04	-1.399e+05	5.869e+04
		210	5.69	85.65	-39.97	6.16	39.51	-60.56	-4.871e+04	-1.637e+05	-9.217e+04	-1.203e+05	5.577e+04
		211	5.94	82.00	-44.39	0.74	36.87	-60.56	-4.788e+04	-1.706e+05	-9.613e+04	-1.223e+05	5.993e+04
		234	6.37	67.49	-55.15	-3.47	15.81	-60.56	-5.386e+04	-1.850e+05	-9.952e+04	-1.393e+05	6.246e+04
174	11	233	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		210	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
		211	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		234	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
175	1	234	44.55	397.04	-270.95	-15.15	141.24	-324.71	-1.689e+04	-8.869e+05	-3.516e+05	-5.522e+05	4.233e+05
		211	43.92	466.09	-224.10	4.17	237.83	-324.71	-7961.00	-8.671e+05	-3.468e+05	-5.283e+05	4.199e+05
		216	44.36	450.98	-243.31	-18.92	226.59	-324.71	-6667.94	-8.760e+05	-3.518e+05	-5.309e+05	4.253e+05
		239	44.90	391.02	-282.70	-35.48	143.80	-324.71	-1.437e+04	-8.929e+05	-3.559e+05	-5.514e+05	4.282e+05
175	5	234	29.76	264.69	-180.64	-10.10	94.16	-216.48	-1.419e+04	-5.940e+05	-2.375e+05	-3.707e+05	2.822e+05
		211	29.35	310.73	-149.40	2.78	158.55	-216.48	-8176.34	-5.809e+05	-2.343e+05	-3.548e+05	2.800e+05
		216	29.64	300.65	-162.21	-12.61	151.06	-216.48	-7262.90	-5.868e+05	-2.375e+05	-3.565e+05	2.836e+05
		239	30.00	260.68	-188.47	-23.65	95.87	-216.48	-1.245e+04	-5.980e+05	-2.402e+05	-3.702e+05	2.855e+05
175	8	234	6.38	52.94	-36.13	-2.02	18.83	-43.30	-2.042e+04	-1.355e+05	-6.594e+04	-8.993e+04	5.626e+04
		211	6.32	62.15	-29.88	0.56	31.71	-43.30	-1.884e+04	-1.332e+05	-6.531e+04	-8.674e+04	5.617e+04
		216	6.37	60.13	-32.44	-2.52	30.21	-43.30	-1.836e+04	-1.341e+05	-6.547e+04	-8.699e+04	5.687e+04
		239	6.43	52.14	-37.69	-4.73	19.17	-43.30	-1.971e+04	-1.360e+05	-6.602e+04	-8.972e+04	5.694e+04
175	11	234	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		211	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		216	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		239	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
176	1	239	39.54	306.43	-193.91	-31.85	144.38	-234.14	5.562e+04	-6.762e+05	-2.782e+05	-3.424e+05	3.645e+05
		216	41.09	339.89	-174.05	-22.97	188.80	-234.14	4.021e+04	-7.123e+05	-2.868e+05	-3.853e+05	3.730e+05
		217	40.21	333.97	-181.95	-32.26	184.28	-234.14	3.969e+04	-6.965e+05	-2.761e+05	-3.806e+05	3.644e+05
		240	38.84	304.51	-199.14	-40.03	145.41	-234.14	5.298e+04	-6.647e+05	-2.686e+05	-3.431e+05	3.569e+05
176	5	239	26.39	204.29	-129.27	-21.23	96.25	-156.09	3.514e+04	-4.525e+05	-1.878e+05	-2.296e+05	2.429e+05
		216	27.44	226.59	-116.03	-15.31	125.87	-156.09	2.498e+04	-4.767e+05	-1.936e+05	-2.582e+05	2.488e+05
		217	26.85	222.65	-121.30	-21.51	122.85	-156.09	2.473e+04	-4.660e+05	-1.863e+05	-2.550e+05	2.430e+05
		240	25.92	203.01	-132.76	-26.69	96.94	-156.09	3.349e+04	-4.447e+05	-1.813e+05	-2.300e+05	2.379e+05
176	8	239	5.51	40.86	-25.85	-4.25	19.25	-31.22	-4516.88	-1.009e+05	-5.178e+04	-5.359e+04	4.816e+04
		216	5.79	45.32	-23.21	-3.06	25.17	-31.22	-5833.72	-1.064e+05	-5.292e+04	-5.931e+04	5.018e+04
		217	5.65	44.53	-24.26	-4.30	24.57	-31.22	-5328.48	-1.036e+05	-5.045e+04	-5.848e+04	4.897e+04
		240	5.40	40.60	-26.55	-5.34	19.39	-31.22	-4216.17	-9.870e+04	-4.945e+04	-5.347e+04	4.720e+04
176	11	239	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	-537.94
		216	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	537.93
		217	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	470.69
		240	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	-470.70
177	1	240	34.32	244.75	-147.90	-38.31	135.15	-176.13	8.368e+04	-5.040e+05	-2.118e+05	-2.086e+05	2.939e+05
		217	36.65	258.65	-140.48	-34.76	152.92	-176.13	5.758e+04	-5.575e+05	-2.250e+05	-2.749e+05	3.065e+05
		218	35.29	256.59	-143.34	-38.06	151.31	-176.13	5.630e+04	-5.358e+05	-2.109e+05	-2.685e+05	2.952e+05
		241	33.18	244.20	-149.90	-41.22	135.52	-176.13	7.905e+04	-4.878e+05	-1.991e+05	-2.096e+05	2.834e+05
177	5	240	22.89	163.16	-98.60	-25.54	90.10	-117.42	5.462e+04	-3.370e+05	-1.429e+05	-1.395e+05	1.958e+05
		217	24.46	172.43	-93.66	-23.17	101.95	-117.42	3.733e+04	-3.728e+05	-1.518e+05	-1.837e+05	2.044e+05
		218	23.55	171.06	-95.56	-25.37	100.88	-117.42	3.658e+04	-3.582e+05	-1.422e+05	-1.794e+05	1.965e+05
		241	22.13	162.80	-99.93	-27.48	90.35	-117.42	5.164e+04	-3.261e+05	-1.343e+05	-1.401e+05	1.888e+05
177	8	240	4.71	32.63	-19.72	-5.11	18.02	-23.48	4107.68	-7.366e+04	-3.905e+04	-3.050e+04	3.865e+04
		217	5.10	34.49	-18.73	-4.63	20.39	-23.48	1332.49	-8.149e+04	-4.082e+04	-3.934e+04	4.141e+04
		218	4.89	34.21	-19.11	-5.07	20.18	-23.48	1722.35	-7.780e+04	-3.781e+04	-3.827e+04	3.976e+04
		241	4.54	32.56	-19.99	-5.50	18.07	-23.48	4098.44	-7.074e+04	-3.624e+04	-3.041e+04	3.731e+04
177	11	240	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.54	-647.42
		217	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-1.307e+04	-3237.55	647.41
		218	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		241	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.34	-575.48
178	1	241	29.53	200.48	-118.18	-39.99	122.30	-137.12	9.107e+04	-3.700e+05	-1.565e+05	-1.224e+05	2.299e+05
		218	32.05	203.53	-116.69	-39.23	126.08	-137.12	6.168e+04	-4.255e+05	-1.707e+05	-1.931e+05	2.433e+05
		219	30.59	203.14	-117.24	-39.87	125.77	-137.12	6.024e+04	-4.045e+05	-1.573e+05	-1.870e+05	2.319e+05
		242	28.26	200.40	-118.58	-40.55	122.37	-137.12	8.613e+04	-3.541e+05	-1.445e+05	-1.234e+05	2.199e+05
178	5	241	19.70	133.66	-78.78	-26.66	81.53	-91.41	6.010e+04	-2.472e+05	-1.056e+05	-8.155e+04	1.532e+05
		218	21.39	135.68	-77.79	-26.16	84.05	-91.41	4.060e+04	-2.843e+05	-1.150e+05	-1.287e+05	1.623e+05
		219	20.41	135.43	-78.16	-26.58	83.85	-91.41	3.972e+04	-2.702e+05	-1.059e+05	-1.246e+05	1.547e+05
		242	18.84	133.60	-79.05	-27.03	81.58	-91.41	5.689e+04	-2.365e+05	-9.742e+04	-8.218e+04	1.465e+05
178	8	241	4.02	26.73	-15.76	-5.33	16.31	-18.28	8595.70	-5.296e+04	-2.850e+04	-1.587e+04	3.012e+04
		218	4.43	27.14	-15.56	-5.23	16.81	-18.28	5234.80	-6.091e+04	-3.039e+04	-2.529e+04	3.297e+04
		219	4.20	27.09	-15.63	-5.32	16.77	-18.28	5512.32	-5.737e+04	-2.758e+04	-2.428e+04	3.140e+04
		242	3.82	26.72	-15.81	-5.41	16.32	-18.28	8430.57	-5.012e+04	-2.589e+04	-1.580e+04	2.883e+04
178	11	241	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	-9221.55	567.42	-644.37
		218	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.55	567.43	644.37
		219	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93

		242	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	-7997.92	812.14	-579.93
179	1	242	25.13	166.39	-97.25	-39.42	108.57	-109.09	8.775e+04	-2.657e+05	-1.127e+05	-6.531e+04	1.751e+05
		219	27.57	163.37	-98.63	-40.16	104.90	-109.09	5.879e+04	-3.167e+05	-1.260e+05	-1.319e+05	1.877e+05
		220	26.14	163.71	-98.13	-39.60	105.18	-109.09	5.743e+04	-2.987e+05	-1.145e+05	-1.267e+05	1.779e+05
		243	23.86	166.45	-96.88	-38.93	108.51	-109.09	8.321e+04	-2.518e+05	-1.024e+05	-6.617e+04	1.665e+05
179	5	242	16.75	110.93	-64.83	-26.28	72.38	-72.73	5.827e+04	-1.774e+05	-7.594e+04	-4.318e+04	1.167e+05
		219	18.39	108.92	-65.75	-26.77	69.94	-72.73	3.903e+04	-2.114e+05	-8.482e+04	-8.758e+04	1.252e+05
		220	17.44	109.14	-65.42	-26.40	70.12	-72.73	3.819e+04	-1.993e+05	-7.704e+04	-8.408e+04	1.187e+05
		243	15.91	110.97	-64.58	-25.96	72.34	-72.73	5.531e+04	-1.680e+05	-6.897e+04	-4.372e+04	1.109e+05
179	8	242	3.41	22.19	-12.97	-5.26	14.48	-14.55	1.054e+04	-3.720e+04	-2.018e+04	-6478.02	2.287e+04
		219	3.80	21.78	-13.15	-5.35	13.99	-14.55	7068.24	-4.439e+04	-2.196e+04	-1.536e+04	2.551e+04
		220	3.57	21.83	-13.08	-5.28	14.02	-14.55	7257.00	-4.135e+04	-1.959e+04	-1.450e+04	2.417e+04
		243	3.21	22.19	-12.92	-5.19	14.47	-14.55	1.031e+04	-3.471e+04	-1.798e+04	-6424.28	2.176e+04
179	11	242	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	-6240.14	2708.75	-589.07
		219	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	589.07
		220	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		243	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
180	1	243	21.02	138.56	-81.49	-37.82	94.89	-87.77	7.844e+04	-1.851e+05	-7.902e+04	-2.759e+04	1.292e+05
		220	23.22	132.30	-84.20	-39.32	87.41	-87.77	5.181e+04	-2.287e+05	-9.074e+04	-8.618e+04	1.402e+05
		221	21.90	132.92	-83.27	-38.27	87.92	-87.77	5.062e+04	-2.141e+05	-8.152e+04	-8.199e+04	1.324e+05
		244	19.83	138.65	-80.78	-36.90	94.77	-87.77	7.456e+04	-1.736e+05	-7.078e+04	-2.828e+04	1.223e+05
180	5	243	14.02	92.38	-54.33	-25.21	63.26	-58.51	5.231e+04	-1.234e+05	-5.322e+04	-1.790e+04	8.607e+04
		220	15.49	88.20	-56.14	-26.21	58.27	-58.51	3.459e+04	-1.526e+05	-6.103e+04	-5.696e+04	9.357e+04
		221	14.61	88.61	-55.51	-25.52	58.61	-58.51	3.385e+04	-1.428e+05	-5.478e+04	-5.415e+04	8.831e+04
		244	13.22	92.44	-53.85	-24.60	63.18	-58.51	4.977e+04	-1.157e+05	-4.762e+04	-1.834e+04	8.144e+04
180	8	243	2.87	18.48	-10.87	-5.04	12.65	-11.70	1.081e+04	-2.532e+04	-1.388e+04	-626.50	1.681e+04
		220	3.20	17.64	-11.23	-5.24	11.65	-11.70	7496.91	-3.138e+04	-1.545e+04	-8438.31	1.912e+04
		221	2.99	17.72	-11.10	-5.10	11.72	-11.70	7618.98	-2.892e+04	-1.355e+04	-7746.62	1.804e+04
		244	2.68	18.49	-10.77	-4.92	12.64	-11.70	1.057e+04	-2.328e+04	-1.212e+04	-585.79	1.591e+04
180	11	243	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		220	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
		221	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		244	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
181	1	244	17.53	116.21	-69.32	-35.59	82.48	-71.56	6.794e+04	-1.256e+05	-5.356e+04	-4081.80	9.355e+04
		221	19.40	108.38	-72.55	-37.43	73.27	-71.56	4.437e+04	-1.616e+05	-6.350e+04	-5.376e+04	1.029e+05
		222	18.21	109.08	-71.48	-36.25	73.85	-71.56	4.337e+04	-1.502e+05	-5.630e+04	-5.049e+04	9.672e+04
		245	16.44	116.30	-68.49	-34.55	82.35	-71.56	6.475e+04	-1.165e+05	-4.713e+04	-4629.03	8.810e+04
181	5	244	11.69	77.48	-46.21	-23.73	54.99	-47.70	4.545e+04	-8.368e+04	-3.603e+04	-2190.37	6.231e+04
		221	12.94	72.26	-48.37	-24.96	48.85	-47.70	2.976e+04	-1.077e+05	-4.266e+04	-3.531e+04	6.864e+04
		222	12.15	72.72	-47.65	-24.17	49.23	-47.70	2.913e+04	-1.000e+05	-3.778e+04	-3.311e+04	6.453e+04
		245	10.96	77.53	-45.66	-23.03	54.90	-47.70	4.336e+04	-7.756e+04	-3.166e+04	-2538.69	5.868e+04
181	8	244	2.42	15.50	-9.24	-4.75	11.00	-9.54	1.029e+04	-1.672e+04	-9173.25	2740.55	1.212e+04
		221	2.68	14.45	-9.67	-4.99	9.77	-9.54	7260.34	-2.164e+04	-1.050e+04	-3883.23	1.407e+04
		222	2.50	14.54	-9.53	-4.83	9.85	-9.54	7334.80	-1.971e+04	-9026.87	-3344.43	1.322e+04
		245	2.25	15.51	-9.13	-4.61	10.98	-9.54	1.007e+04	-1.510e+04	-7804.02	2769.83	1.142e+04
181	11	244	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		221	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.52
		222	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		245	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
182	1	245	14.49	97.49	-59.43	-33.10	71.15	-58.64	5.707e+04	-8.211e+04	-3.487e+04	9823.81	6.590e+04
		222	15.99	89.09	-62.75	-35.05	61.39	-58.64	3.678e+04	-1.108e+05	-4.303e+04	-3.101e+04	7.355e+04
		223	14.94	89.77	-61.70	-33.88	61.95	-58.64	3.596e+04	-1.020e+05	-3.755e+04	-2.852e+04	6.885e+04
		246	13.51	97.55	-58.60	-32.07	71.02	-58.64	5.453e+04	-7.509e+04	-2.997e+04	9403.02	6.175e+04
182	5	245	9.67	64.99	-39.62	-22.06	47.43	-39.10	3.828e+04	-5.465e+04	-2.343e+04	7055.81	4.389e+04
		222	10.67	59.39	-41.84	-23.37	40.92	-39.10	2.476e+04	-7.379e+04	-2.887e+04	-2.017e+04	4.908e+04
		223	9.96	59.84	-41.13	-22.59	41.30	-39.10	2.424e+04	-6.789e+04	-2.516e+04	-1.849e+04	4.594e+04
		246	9.02	65.03	-39.07	-21.38	47.35	-39.10	3.661e+04	-4.992e+04	-2.010e+04	6787.56	4.112e+04
182	8	245	2.04	13.00	-7.92	-4.41	9.49	-7.82	9259.52	-1.059e+04	-5773.95	4445.85	8506.83
		222	2.22	11.88	-8.37	-4.67	8.18	-7.82	6574.40	-1.444e+04	-6862.88	-998.82	1.009e+04
		223	2.06	11.97	-8.23	-4.52	8.26	-7.82	6616.10	-1.296e+04	-5751.80	-589.93	9440.52
		246	1.89	13.01	-7.81	-4.28	9.47	-7.82	9068.59	-9343.40	-4740.65	4465.84	7972.49
182	11	245	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		222	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
		223	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	315.18
		246	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
183	1	246	11.81	81.14	-51.10	-30.55	60.59	-47.91	4.615e+04	-5.103e+04	-2.168e+04	1.681e+04	4.461e+04
		223	12.89	72.81	-54.27	-32.47	51.01	-47.91	2.918e+04	-7.291e+04	-2.816e+04	-1.557e+04	5.066e+04
		224	11.97	73.42	-53.29	-31.40	51.53	-47.91	2.854e+04	-6.638e+04	-2.412e+04	-1.373e+04	4.718e+04
		247	10.96	81.18	-50.32	-29.61	60.47	-47.91	4.420e+04	-4.578e+04	-1.807e+04	1.649e+04	4.153e+04
183	5	246	7.89	54.09	-34.07	-20.37	40.39	-31.94	3.102e+04	-3.391e+04	-1.454e+04	1.165e+04	2.971e+04
		223	8.60	48.54	-36.18	-21.64	34.00	-31.94	1.970e+04	-4.850e+04	-1.886e+04	-9937.76	3.381e+04
		224	7.99	48.95	-35.53	-20.93	34.35	-31.94	1.929e+04	-4.411e+04	-1.612e+04	-8699.34	3.148e+04
		247	7.32	54.12	-33.55	-19.74	40.31	-31.94	2.973e+04	-3.038e+04	-1.209e+04	1.145e+04	2.766e+04
183	8	246	1.71	10.82	-6.81	-4.07	8.08	-6.39	7882.57	-6337.95	-3434.40	4979.02	5732.31
		223	1.82	9.71	-7.24	-4.33	6.80	-6.39	5580.58	-9216.05	-4297.75	662.28	6970.27
		224	1.68	9.79	-7.11	-4.19	6.87	-6.39	5601.01	-8123.49	-3485.36	962.89	6491.82
		247	1.59	10.82	-6.71	-3.95	8.06	-6.39	7728.03	-5415.75	-2679.57	4991.85	5336.39

183	11	246	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		223	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		224	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		247	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
184	1	247	9.65	67.45	-44.05	-27.91	51.32	-39.22	3.668e+04	-3.004e+04	-1.253e+04	1.918e+04	2.935e+04
		224	10.31	59.55	-46.95	-29.71	42.32	-39.22	2.278e+04	-4.624e+04	-1.755e+04	-5911.48	3.401e+04
		225	9.51	60.09	-46.09	-28.77	42.78	-39.22	2.228e+04	-4.148e+04	-1.463e+04	-4573.83	3.148e+04
		248	8.92	67.48	-43.35	-27.09	51.21	-39.22	3.523e+04	-2.620e+04	-9923.69	1.895e+04	2.711e+04
184	5	247	6.46	44.97	-29.36	-18.61	34.21	-26.15	2.469e+04	-1.993e+04	-8385.40	1.315e+04	1.954e+04
		224	6.88	39.70	-31.30	-19.81	28.21	-26.15	1.541e+04	-3.072e+04	-1.173e+04	-3575.79	2.270e+04
		225	6.35	40.06	-30.72	-19.18	28.52	-26.15	1.510e+04	-2.752e+04	-9750.54	-2677.86	2.101e+04
		248	5.97	44.99	-28.90	-18.06	34.14	-26.15	2.374e+04	-1.735e+04	-6614.05	1.300e+04	1.805e+04
184	8	247	1.45	8.99	-5.87	-3.72	6.84	-5.23	6503.76	-3538.33	-1853.58	4819.01	3752.34
		224	1.48	7.94	-6.26	-3.96	5.64	-5.23	4578.70	-5627.98	-2522.70	1473.42	4695.94
		225	1.37	8.01	-6.14	-3.84	5.70	-5.23	4586.76	-4838.64	-1941.83	1689.96	4348.80
		248	1.35	9.00	-5.78	-3.61	6.83	-5.23	6385.04	-2873.13	-1314.54	4826.45	3464.17
184	11	247	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		224	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
		225	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		248	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
185	1	248	7.80	55.22	-37.84	-25.34	42.71	-31.74	2.795e+04	-1.628e+04	-6632.68	1.831e+04	1.827e+04
		225	8.02	48.00	-40.40	-26.97	34.56	-31.74	1.694e+04	-2.762e+04	-1.036e+04	-323.35	2.171e+04
		226	7.35	48.45	-39.67	-26.17	34.95	-31.74	1.658e+04	-2.430e+04	-8324.98	609.41	1.994e+04
		249	7.20	55.23	-37.24	-24.63	42.62	-31.74	2.693e+04	-1.360e+04	-4818.18	1.814e+04	1.670e+04
185	5	248	5.22	36.81	-25.23	-16.89	28.48	-21.16	1.884e+04	-1.078e+04	-4420.10	1.249e+04	1.216e+04
		225	5.35	32.00	-26.94	-17.98	23.04	-21.16	1.149e+04	-1.832e+04	-6904.09	65.16	1.449e+04
		226	4.91	32.30	-26.44	-17.45	23.30	-21.16	1.125e+04	-1.609e+04	-5527.79	691.10	1.331e+04
		249	4.82	36.82	-24.83	-16.42	28.42	-21.16	1.817e+04	-8977.11	-3189.91	1.238e+04	1.112e+04
185	8	248	1.24	7.36	-5.05	-3.38	5.70	-4.23	5083.99	-1779.89	-875.51	4179.61	2321.56
		225	1.19	6.40	-5.39	-3.60	4.61	-4.23	3538.78	-3215.48	-1372.31	1695.62	3008.64
		226	1.10	6.46	-5.29	-3.49	4.66	-4.23	3540.65	-2669.19	-973.96	1845.42	2766.46
		249	1.16	7.36	-4.97	-3.28	5.68	-4.23	4999.44	-1322.53	-506.38	4183.30	2119.80
185	11	248	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		225	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	12.63	2105.44	137.76
		226	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		249	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
186	1	249	6.35	44.82	-32.40	-22.75	35.18	-25.53	2.075e+04	-7901.15	-2951.30	1.580e+04	1.083e+04
		226	6.15	38.40	-34.60	-24.19	27.98	-25.53	1.228e+04	-1.550e+04	-5630.34	2405.85	1.329e+04
		227	5.61	38.77	-33.98	-23.52	28.31	-25.53	1.202e+04	-1.324e+04	-4257.28	3037.67	1.209e+04
		250	5.89	44.83	-31.89	-22.16	35.10	-25.53	2.007e+04	-6106.17	-1727.08	1.569e+04	9769.41
186	5	249	4.27	29.88	-21.60	-15.17	23.45	-17.02	1.400e+04	-5209.92	-1951.75	1.074e+04	7208.58
		226	4.12	25.60	-23.07	-16.13	18.65	-17.02	8333.43	-1.026e+04	-3737.77	1808.68	8874.77
		227	3.75	25.85	-22.66	-15.68	18.87	-17.02	8170.78	-8747.54	-2809.27	2232.51	8074.81
		250	3.96	29.89	-21.26	-14.77	23.40	-17.02	1.355e+04	-4003.55	-1122.47	1.067e+04	6501.19
186	8	249	1.07	5.98	-4.32	-3.03	4.69	-3.40	3828.35	-749.79	-296.74	3375.30	1367.07
		226	0.95	5.12	-4.61	-3.23	3.73	-3.40	2630.77	-1695.44	-653.95	1589.28	1849.60
		227	0.88	5.17	-4.53	-3.14	3.77	-3.40	2630.46	-1330.16	-389.50	1689.79	1685.46
		250	1.01	5.98	-4.25	-2.95	4.68	-3.40	3772.04	-447.59	-52.14	3376.59	1229.74
186	11	249	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		226	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		227	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		250	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
187	1	250	5.28	35.66	-27.49	-20.20	28.38	-20.17	1.472e+04	-3183.92	-897.53	1.244e+04	5975.88
		227	4.62	30.08	-29.34	-21.44	22.19	-20.17	8483.52	-7948.05	-2731.21	3266.68	7648.89
		228	4.19	30.39	-28.83	-20.90	22.45	-20.17	8319.86	-6491.62	-1846.92	3675.16	6871.80
		251	4.93	35.66	-27.07	-19.72	28.32	-20.17	1.430e+04	-2049.37	-109.75	1.236e+04	5286.84
187	5	250	3.55	23.77	-18.33	-13.47	18.92	-13.45	9932.98	-2083.12	-579.29	8429.14	3976.02
		227	3.09	20.06	-19.56	-14.29	14.79	-13.45	5764.27	-5249.14	-1801.74	2316.87	5107.16
		228	2.81	20.26	-19.22	-13.93	14.97	-13.45	5658.77	-4272.32	-1204.32	2590.77	4588.68
		251	3.32	23.78	-18.05	-13.15	18.88	-13.45	9656.26	-1321.12	-46.20	8381.34	3517.08
187	8	250	0.91	4.75	-3.67	-2.69	3.78	-2.69	2724.75	-207.29	-2.23	2519.69	747.79
		227	0.74	4.01	-3.91	-2.86	2.96	-2.69	1843.73	-793.22	-246.72	1297.23	1068.84
		228	0.69	4.05	-3.84	-2.79	2.99	-2.69	1843.34	-561.70	-79.85	1361.49	962.65
		251	0.87	4.76	-3.61	-2.63	3.78	-2.69	2690.41	-19.04	151.77	2519.60	658.50
187	11	250	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	-59.25
		227	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
		228	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		251	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
188	1	251	4.31	27.29	-22.99	-17.74	22.04	-15.38	9662.99	-884.28	27.24	8751.48	2963.64
		228	3.34	22.61	-24.48	-18.77	16.89	-15.38	5413.97	-3591.24	-1132.09	2954.83	4012.20
		229	3.02	22.84	-24.08	-18.33	17.10	-15.38	5320.75	-2726.77	-605.32	3199.30	3545.68
		252	4.08	27.29	-22.65	-17.36	21.99	-15.38	9433.43	-231.26	496.05	8706.12	2549.55
188	5	251	2.90	18.19	-15.33	-11.82	14.69	-10.25	6518.58	-564.89	34.37	5919.32	1971.23
		228	2.24	15.07	-16.32	-12.51	11.26	-10.25	3679.70	-2363.33	-738.52	2054.89	2679.33
		229	2.03	15.23	-16.05	-12.22	11.40	-10.25	3619.73	-1784.03	-383.04	2218.73	2368.09
		252	2.74	18.19	-15.10	-11.57	14.66	-10.25	6367.69	-126.54	351.21	5889.94	1695.40
188	8	251	0.75	3.64	-3.07	-2.36	2.94	-2.05	1774.22	23.01	103.66	1693.57	367.07

		228	0.56	3.01	-3.26	-2.50	2.25	-2.05	1178.53	-308.77	-50.92	920.68	563.05
		229	0.53	3.05	-3.21	-2.44	2.28	-2.05	1178.80	-174.21	45.99	958.61	499.44
		252	0.72	3.64	-3.02	-2.31	2.93	-2.05	1755.64	130.04	192.83	1692.85	313.26
188	11	251	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		228	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
		229	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		252	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
189	1	252	3.46	20.06	-18.88	-15.28	16.46	-11.29	5852.69	27.53	336.22	5544.00	1304.94
		229	2.35	16.26	-20.04	-16.11	12.32	-11.29	3199.17	-1368.94	-338.78	2169.00	1909.10
		230	2.13	16.44	-19.73	-15.78	12.48	-11.29	3154.33	-899.89	-49.55	2303.99	1650.57
		253	3.31	20.06	-18.62	-14.99	16.42	-11.29	5742.76	368.82	593.31	5518.27	1075.18
189	5	252	2.33	13.38	-12.59	-10.19	10.97	-7.52	3945.44	32.60	235.52	3742.52	867.65
		229	1.58	10.84	-13.36	-10.74	8.22	-7.52	2173.37	-895.32	-214.48	1492.53	1275.05
		230	1.44	10.96	-13.15	-10.52	8.32	-7.52	2144.66	-581.29	-19.57	1582.94	1102.58
		253	2.23	13.37	-12.42	-9.99	10.95	-7.52	3873.19	261.60	409.00	3725.79	714.58
189	8	252	0.60	2.68	-2.52	-2.04	2.19	-1.50	1054.66	87.93	115.05	1027.54	159.63
		229	0.42	2.17	-2.67	-2.15	1.64	-1.50	686.81	-84.22	25.05	577.54	268.90
		230	0.40	2.19	-2.63	-2.10	1.66	-1.50	687.57	-12.83	76.60	598.13	233.75
		253	0.58	2.67	-2.48	-2.00	2.19	-1.50	1045.74	143.28	162.31	1026.71	129.68
189	11	252	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		229	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		230	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		253	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
190	1	253	2.57	13.55	-15.07	-12.87	11.35	-7.63	3020.72	213.96	297.20	2937.48	476.14
		230	1.56	10.61	-15.91	-13.50	8.20	-7.63	1616.40	-400.20	-39.21	1255.41	773.08
		231	1.45	10.74	-15.68	-13.26	8.32	-7.63	1600.38	-184.53	96.58	1319.27	650.18
		254	2.48	13.54	-14.88	-12.66	11.32	-7.63	2977.43	365.16	417.71	2924.88	366.74
190	5	253	1.73	9.03	-10.05	-8.58	7.57	-5.08	2033.85	149.85	204.60	1979.10	316.48
		230	1.05	7.07	-10.61	-9.00	5.47	-5.08	1096.55	-258.51	-19.67	857.72	516.33
		231	0.98	7.16	-10.46	-8.84	5.54	-5.08	1086.38	-114.26	71.67	900.46	434.35
		254	1.67	9.03	-9.92	-8.44	7.55	-5.08	2005.37	251.25	285.75	1970.86	243.59
190	8	253	0.43	1.81	-2.01	-1.72	1.51	-1.02	527.89	72.18	79.59	520.48	57.64
		230	0.29	1.41	-2.12	-1.80	1.09	-1.02	335.63	-4.69	34.74	296.20	108.93
		231	0.28	1.43	-2.09	-1.77	1.11	-1.02	336.31	27.31	57.89	305.72	92.27
		254	0.42	1.81	-1.98	-1.69	1.51	-1.02	524.24	96.28	100.71	519.81	43.32
190	11	253	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		230	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		231	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		254	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
191	1	254	1.60	7.73	-11.53	-10.49	6.70	-4.35	1165.64	127.31	145.92	1147.03	137.77
		231	0.93	5.63	-12.08	-10.94	4.49	-4.35	613.38	-84.72	18.54	510.12	247.83
		232	0.88	5.71	-11.92	-10.77	4.57	-4.35	609.29	-9.49	66.74	533.06	203.37
		255	1.56	7.73	-11.40	-10.35	6.68	-4.35	1152.25	178.60	188.59	1142.27	98.09
191	5	254	1.07	5.16	-7.69	-7.00	4.46	-2.90	783.39	87.82	100.10	771.11	91.61
		231	0.63	3.75	-8.05	-7.29	2.99	-2.90	414.98	-53.29	15.18	346.51	165.46
		232	0.59	3.81	-7.95	-7.18	3.04	-2.90	412.38	-3.03	47.52	361.83	135.81
		255	1.04	5.15	-7.60	-6.90	4.45	-2.90	774.55	122.17	128.75	767.98	65.17
191	8	254	0.25	1.03	-1.54	-1.40	0.89	-0.58	194.60	35.10	36.91	192.79	16.89
		231	0.16	0.75	-1.61	-1.46	0.60	-0.58	119.80	8.00	19.93	107.87	34.52
		232	0.16	0.76	-1.59	-1.44	0.61	-0.58	119.98	18.76	27.57	111.17	28.53
		255	0.25	1.03	-1.52	-1.38	0.89	-0.58	193.31	42.91	43.82	192.40	11.67
191	11	254	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		231	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		232	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		255	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
192	1	255	0.67	2.61	-8.34	-8.16	2.44	-1.39	239.53	26.69	30.87	235.34	29.55
		232	0.41	1.32	-8.62	-8.42	1.12	-1.39	124.17	-18.06	4.19	101.92	51.66
		32	0.39	1.36	-8.53	-8.33	1.17	-1.39	123.12	-3.18	13.49	106.45	42.76
		33	0.65	2.61	-8.26	-8.08	2.43	-1.39	236.67	36.71	39.06	234.32	21.56
192	5	255	0.45	1.74	-5.56	-5.44	1.62	-0.92	160.60	18.67	21.46	157.81	19.70
		232	0.27	0.88	-5.75	-5.61	0.75	-0.92	83.69	-11.15	3.67	68.86	34.44
		32	0.26	0.91	-5.68	-5.55	0.78	-0.92	83.00	-1.24	9.88	71.88	28.51
		33	0.43	1.74	-5.50	-5.38	1.62	-0.92	158.69	25.36	26.93	157.13	14.37
192	8	255	0.10	0.35	-1.11	-1.09	0.32	-0.18	37.62	9.01	9.56	37.07	3.92
		232	0.06	0.18	-1.15	-1.12	0.15	-0.18	22.22	3.06	6.00	19.28	6.90
		32	0.06	0.18	-1.14	-1.11	0.16	-0.18	22.09	5.05	7.26	19.89	5.72
		33	0.09	0.35	-1.10	-1.08	0.32	-0.18	37.24	10.36	10.67	36.93	2.86
192	11	255	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		232	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		32	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		33	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
193	1	258	9.12	-2.29	-8.00	-7.58	-2.71	-1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	-2.985e+04
		1	9.12	-2.29	-8.00	-7.58	-2.71	-1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	-2.985e+04
		235	9.12	-2.29	-8.00	-7.58	-2.71	-1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	-2.985e+04
193	5	258	6.20	-1.53	-5.34	-5.05	-1.81	-1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	-1.990e+04
		1	6.20	-1.53	-5.34	-5.05	-1.81	-1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	-1.990e+04
		235	6.20	-1.53	-5.34	-5.05	-1.81	-1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	-1.990e+04

193	8	258	2.08	-0.31	-1.07	-1.01	-0.36	-0.20-3.693e+04-6.373e+04-6.312e+04-3.753e+04	-3980.12
		1	2.08	-0.31	-1.07	-1.01	-0.36	-0.20-3.693e+04-6.373e+04-6.312e+04-3.753e+04	-3980.12
		235	2.08	-0.31	-1.07	-1.01	-0.36	-0.20-3.693e+04-6.373e+04-6.312e+04-3.753e+04	-3980.12
193	11	258	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04	1.68e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04	1.68e-05
		235	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04	1.68e-05
194	1	258	17.79	-5.88	-16.70	-6.92	-15.65	3.20-1.678e+05-5.345e+05-1.935e+05-5.088e+05	9.360e+04
		235	14.37	-4.91	-13.76	-6.27	-12.40	3.20-1.588e+05-4.363e+05-1.756e+05-4.195e+05	6.611e+04
		236	17.60	-8.78	-15.95	-10.73	-14.00	3.20-2.235e+05-5.383e+05-2.983e+05-4.635e+05	1.340e+05
		259	19.38	-9.47	-17.40	-11.09	-15.78	3.20-2.295e+05-5.907e+05-3.080e+05-5.122e+05	1.490e+05
194	5	258	11.99	-3.92	-11.13	-4.61	-10.44	2.13-1.163e+05-3.609e+05-1.335e+05-3.437e+05	6.240e+04
		235	9.72	-3.27	-9.17	-4.18	-8.26	2.13-1.104e+05-2.954e+05-1.216e+05-2.842e+05	4.407e+04
		236	11.87	-5.85	-10.64	-7.16	-9.33	2.13-1.535e+05-3.634e+05-2.034e+05-3.136e+05	8.932e+04
		259	13.06	-6.31	-11.60	-7.39	-10.52	2.13-1.575e+05-3.984e+05-2.099e+05-3.460e+05	9.932e+04
194	8	258	3.24	-0.78	-2.23	-0.92	-2.09	0.43-5.028e+04-9.959e+04-5.369e+04-9.618e+04	1.251e+04
		235	2.82	-0.65	-1.83	-0.84	-1.65	0.43-4.912e+04-8.648e+04-5.131e+04-8.428e+04	8785.54
		236	3.27	-1.17	-2.13	-1.43	-1.87	0.43-5.802e+04-1.001e+05-6.792e+04-9.020e+04	1.785e+04
		259	3.49	-1.26	-2.32	-1.48	-2.10	0.43-5.879e+04-1.071e+05-6.922e+04-9.669e+04	1.988e+04
194	11	258	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04	35.46
		235	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04	-35.46
		236	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04	-19.34
		259	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04	19.34
195	1	259	27.92	-10.71	-26.73	-12.83	-24.61	5.43-2.857e+05-8.433e+05-3.583e+05-7.707e+05	1.877e+05
		236	23.78	-9.27	-22.94	-11.96	-20.25	5.43-2.752e+05-7.237e+05-3.366e+05-6.623e+05	1.542e+05
		237	26.78	-12.77	-25.02	-16.07	-21.73	5.43-3.215e+05-8.169e+05-4.393e+05-6.991e+05	2.109e+05
		260	29.53	-13.94	-27.46	-16.67	-24.73	5.43-3.307e+05-8.971e+05-4.542e+05-7.736e+05	2.339e+05
195	5	259	18.75	-7.14	-17.82	-8.55	-16.41	3.62-1.951e+05-5.669e+05-2.434e+05-5.185e+05	1.251e+05
		236	15.99	-6.18	-15.29	-7.97	-13.50	3.62-1.881e+05-4.872e+05-2.290e+05-4.463e+05	1.028e+05
		237	18.00	-8.52	-16.68	-10.71	-14.48	3.62-2.190e+05-5.493e+05-2.975e+05-4.708e+05	1.406e+05
		260	19.82	-9.29	-18.31	-11.11	-16.48	3.62-2.251e+05-6.028e+05-3.075e+05-5.205e+05	1.559e+05
195	8	259	4.61	-1.43	-3.56	-1.71	-3.28	0.72-6.652e+04-1.417e+05-7.612e+04-1.321e+05	2.509e+04
		236	4.09	-1.24	-3.06	-1.59	-2.70	0.72-6.522e+04-1.256e+05-7.323e+04-1.176e+05	2.049e+04
		237	4.49	-1.70	-3.34	-2.14	-2.90	0.72-7.179e+04-1.381e+05-8.730e+04-1.226e+05	2.807e+04
		260	4.84	-1.86	-3.66	-2.22	-3.30	0.72-7.293e+04-1.489e+05-8.929e+04-1.325e+05	3.123e+04
195	11	259	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04	77.33
		236	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04	-77.33
		237	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04	-53.17
		260	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04	53.17
196	1	260	38.50	-15.46	-36.84	-18.49	-33.82	7.45-4.054e+05-1.165e+06-5.116e+05-1.059e+06	2.634e+05
		237	32.86	-13.53	-31.90	-17.34	-28.09	7.45-3.909e+05-1.002e+06-4.819e+05-9.107e+05	2.175e+05
		238	36.01	-17.03	-33.99	-21.46	-29.56	7.45-4.392e+05-1.099e+06-5.892e+05-9.491e+05	2.766e+05
		261	40.19	-18.69	-37.57	-22.33	-33.93	7.45-4.526e+05-1.222e+06-6.119e+05-1.062e+06	3.116e+05
196	5	260	25.81	-10.31	-24.56	-12.33	-22.55	4.97-2.750e+05-7.818e+05-3.457e+05-7.111e+05	1.756e+05
		237	22.05	-9.02	-21.27	-11.56	-18.72	4.97-2.653e+05-6.727e+05-3.259e+05-6.121e+05	1.450e+05
		238	24.15	-11.35	-22.66	-14.30	-19.71	4.97-2.976e+05-7.377e+05-3.976e+05-6.377e+05	1.844e+05
		261	26.94	-12.46	-25.05	-14.89	-22.62	4.97-3.065e+05-8.193e+05-4.127e+05-7.131e+05	2.078e+05
196	8	260	6.06	-2.06	-4.91	-2.47	-4.51	0.99-8.321e+04-1.859e+05-9.720e+04-1.719e+05	3.523e+04
		237	5.33	-1.80	-4.25	-2.31	-3.74	0.99-8.144e+04-1.639e+05-9.324e+04-1.521e+05	2.888e+04
		238	5.76	-2.27	-4.53	-2.86	-3.94	0.99-8.842e+04-1.770e+05-1.081e+05-1.574e+05	3.680e+04
		261	6.30	-2.49	-5.01	-2.98	-4.52	0.99-9.004e+04-1.935e+05-1.111e+05-1.724e+05	4.164e+04
196	11	260	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04	135.75
		237	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04	-135.75
		238	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04	-103.43
		261	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04	103.43
197	1	261	49.44	-20.28	-46.99	-24.17	-43.10	9.42-5.389e+05-1.500e+06-6.729e+05-1.366e+06	3.328e+05
		238	41.95	-17.83	-40.85	-22.73	-35.95	9.42-5.196e+05-1.281e+06-6.333e+05-1.168e+06	2.714e+05
		233	45.32	-21.36	-42.96	-26.88	-37.44	9.42-5.726e+05-1.386e+06-7.490e+05-1.209e+06	3.352e+05
		256	51.23	-23.53	-47.73	-28.04	-43.22	9.42-5.909e+05-1.559e+06-7.810e+05-1.369e+06	3.847e+05
197	5	261	33.12	-13.52	-31.33	-16.11	-28.74	6.28-3.642e+05-1.005e+06-4.534e+05-9.157e+05	2.219e+05
		238	28.12	-11.89	-27.23	-15.16	-23.96	6.28-3.513e+05-8.594e+05-4.270e+05-7.837e+05	1.809e+05
		233	30.37	-14.24	-28.64	-17.92	-24.96	6.28-3.867e+05-9.289e+05-5.043e+05-8.114e+05	2.234e+05
		256	34.31	-15.69	-31.82	-18.69	-28.81	6.28-3.989e+05-1.045e+06-5.256e+05-9.180e+05	2.565e+05
197	8	261	7.57	-2.70	-6.27	-3.22	-5.75	1.26-1.019e+05-2.322e+05-1.196e+05-2.146e+05	4.454e+04
		238	6.60	-2.38	-5.45	-3.03	-4.79	1.26-9.963e+04-2.028e+05-1.143e+05-1.882e+05	3.602e+04
		233	7.05	-2.85	-5.73	-3.58	-4.99	1.26-1.074e+05-2.168e+05-1.303e+05-1.938e+05	4.455e+04
		256	7.82	-3.14	-6.36	-3.74	-5.76	1.26-1.096e+05-2.402e+05-1.346e+05-2.152e+05	5.144e+04
197	11	261	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04	209.66
		238	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04	-209.66
		233	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04	-169.35
		256	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04	169.34
198	1	256	49.70	543.67	-266.60	28.87	248.21	-390.01-5.476e+05-1.473e+06-7.576e+05-1.263e+06	3.877e+05
		233	45.36	658.80	-193.92	60.17	404.70	-390.01-5.310e+05-1.339e+06-7.324e+05-1.137e+06	3.494e+05
		234	47.00	624.59	-245.20	-2.72	382.11	-390.01-5.479e+05-1.390e+06-7.826e+05-1.155e+06	3.775e+05
		257	50.72	522.07	-305.45	-29.85	246.48	-390.01-5.637e+05-1.505e+06-8.044e+05-1.265e+06	4.107e+05
198	5	256	33.26	362.45	-177.73	19.25	165.47	-260.01-3.697e+05-9.867e+05-5.098e+05-8.466e+05	2.585e+05
		233	30.37	439.20	-129.28	40.11	269.80	-260.01-3.586e+05-8.969e+05-4.930e+05-7.625e+05	2.330e+05
		234	31.47	416.39	-163.47	-1.82	254.74	-260.01-3.698e+05-9.311e+05-5.264e+05-7.746e+05	2.517e+05

		257	33.94	348.05	-203.63	-19.90	164.32	-260.01	-3.805e+05	-1.008e+06	-5.410e+05	-8.475e+05	2.738e+05
198	8	256	7.45	72.49	-35.55	3.85	33.09	-52.00	-1.021e+05	-2.242e+05	-1.304e+05	-1.958e+05	5.156e+04
		233	6.90	87.84	-25.86	8.02	53.96	-52.00	-9.956e+04	-2.065e+05	-1.271e+05	-1.790e+05	4.673e+04
		234	7.11	83.28	-32.69	-0.36	50.95	-52.00	-1.015e+05	-2.132e+05	-1.334e+05	-1.813e+05	5.046e+04
		257	7.59	69.61	-40.73	-3.98	32.86	-52.00	-1.039e+05	-2.283e+05	-1.363e+05	-1.959e+05	5.465e+04
198	11	256	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.32
		233	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
		234	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.53
		257	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
199	1	257	49.32	432.86	-189.85	-17.03	260.03	-278.84	-2.999e+05	-1.095e+06	-5.399e+05	-8.546e+05	3.649e+05
		234	48.53	498.74	-156.20	-0.44	342.98	-278.84	-2.960e+05	-1.074e+06	-5.358e+05	-8.340e+05	3.592e+05
		239	48.90	480.60	-186.62	-36.16	330.15	-278.84	-2.980e+05	-1.083e+06	-5.438e+05	-8.370e+05	3.640e+05
		262	49.58	423.22	-214.55	-50.38	259.05	-278.84	-3.014e+05	-1.101e+06	-5.474e+05	-8.546e+05	3.689e+05
199	5	257	32.97	288.57	-126.57	-11.35	173.36	-185.89	-2.029e+05	-7.325e+05	-3.630e+05	-5.723e+05	2.432e+05
		234	32.45	332.49	-104.13	-0.30	228.65	-185.89	-2.003e+05	-7.187e+05	-3.603e+05	-5.586e+05	2.395e+05
		239	32.69	320.40	-124.41	-24.11	220.10	-185.89	-2.015e+05	-7.247e+05	-3.656e+05	-5.606e+05	2.427e+05
		262	33.14	282.15	-143.03	-33.59	172.70	-185.89	-2.038e+05	-7.365e+05	-3.679e+05	-5.724e+05	2.459e+05
199	8	257	7.17	57.71	-25.31	-2.27	34.67	-37.18	-5.836e+04	-1.629e+05	-9.105e+04	-1.302e+05	4.847e+04
		234	7.09	66.50	-20.83	-0.06	45.73	-37.18	-5.750e+04	-1.605e+05	-9.050e+04	-1.275e+05	4.807e+04
		239	7.13	64.08	-24.88	-4.82	44.02	-37.18	-5.741e+04	-1.615e+05	-9.108e+04	-1.278e+05	4.869e+04
		262	7.20	56.43	-28.61	-6.72	34.54	-37.18	-5.816e+04	-1.636e+05	-9.155e+04	-1.302e+05	4.904e+04
199	11	257	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		234	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
		239	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		262	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
200	1	262	41.09	348.13	-149.62	-47.42	245.93	-201.06	-1.764e+05	-8.088e+05	-4.321e+05	-5.531e+05	3.103e+05
		239	43.06	380.31	-136.01	-39.79	284.08	-201.06	-1.830e+05	-8.464e+05	-4.395e+05	-5.900e+05	3.230e+05
		240	42.23	373.45	-148.70	-54.16	278.92	-201.06	-1.790e+05	-8.296e+05	-4.239e+05	-5.847e+05	3.152e+05
		263	40.49	345.12	-160.42	-60.84	245.54	-201.06	-1.734e+05	-7.964e+05	-4.175e+05	-5.524e+05	3.041e+05
200	5	262	27.45	232.09	-99.74	-31.61	163.95	-134.04	-1.196e+05	-5.408e+05	-2.904e+05	-3.700e+05	2.068e+05
		239	28.76	253.54	-90.68	-26.52	189.39	-134.04	-1.239e+05	-5.660e+05	-2.953e+05	-3.946e+05	2.154e+05
		240	28.21	248.97	-99.13	-36.11	185.95	-134.04	-1.211e+05	-5.547e+05	-2.848e+05	-3.910e+05	2.102e+05
		263	27.04	230.08	-106.94	-40.56	163.69	-134.04	-1.175e+05	-5.325e+05	-2.805e+05	-3.695e+05	2.027e+05
200	8	262	5.83	46.42	-19.95	-6.32	32.79	-26.81	-3.579e+04	-1.182e+05	-7.230e+04	-8.168e+04	4.093e+04
		239	6.14	50.71	-18.14	-5.30	37.88	-26.81	-3.592e+04	-1.240e+05	-7.328e+04	-8.660e+04	4.352e+04
		240	6.01	49.79	-19.83	-7.22	37.19	-26.81	-3.479e+04	-1.210e+05	-7.015e+04	-8.568e+04	4.242e+04
		263	5.73	46.02	-21.39	-8.11	32.74	-26.81	-3.472e+04	-1.159e+05	-6.929e+04	-8.138e+04	4.016e+04
200	11	262	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	-537.94
		239	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	537.94
		240	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	470.70
		263	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.51	-470.69
201	1	263	34.17	287.41	-125.55	-59.64	221.50	-151.24	-9.425e+04	-5.911e+05	-3.317e+05	-3.536e+05	2.482e+05
		240	37.25	300.77	-120.60	-56.59	236.76	-151.24	-1.074e+05	-6.464e+05	-3.431e+05	-4.106e+05	2.674e+05
		241	35.95	298.44	-125.22	-61.70	234.92	-151.24	-1.030e+05	-6.227e+05	-3.223e+05	-4.034e+05	2.567e+05
		264	33.16	286.54	-129.59	-64.41	221.36	-151.24	-9.194e+04	-5.730e+05	-3.121e+05	-3.528e+05	2.397e+05
201	5	263	22.81	191.61	-83.70	-39.76	147.67	-100.83	-6.403e+04	-3.951e+05	-2.229e+05	-2.362e+05	1.654e+05
		240	24.88	200.51	-80.40	-37.73	157.84	-100.83	-7.266e+04	-4.320e+05	-2.305e+05	-2.742e+05	1.783e+05
		241	24.00	198.96	-83.48	-41.13	156.62	-100.83	-6.963e+04	-4.161e+05	-2.164e+05	-2.693e+05	1.712e+05
		264	22.13	191.03	-86.39	-42.94	147.57	-100.83	-6.240e+04	-3.828e+05	-2.097e+05	-2.356e+05	1.597e+05
201	8	263	4.77	38.32	-16.74	-7.95	29.53	-20.17	-1.978e+04	-8.510e+04	-5.504e+04	-4.984e+04	3.256e+04
		240	5.24	40.10	-16.08	-7.55	31.57	-20.17	-2.081e+04	-9.319e+04	-5.656e+04	-5.744e+04	3.618e+04
		241	5.03	39.79	-16.70	-8.23	31.32	-20.17	-1.970e+04	-8.920e+04	-5.265e+04	-5.625e+04	3.470e+04
		264	4.60	38.21	-17.28	-8.59	29.51	-20.17	-1.891e+04	-8.189e+04	-5.130e+04	-4.950e+04	3.148e+04
201	11	263	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.42
		240	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.41
		241	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		264	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
202	1	264	28.46	241.42	-108.83	-63.34	195.93	-117.75	-4.065e+04	-4.276e+05	-2.471e+05	-2.211e+05	1.930e+05
		241	31.90	244.33	-107.85	-62.69	199.17	-117.75	-5.690e+04	-4.842e+05	-2.593e+05	-2.818e+05	2.133e+05
		242	30.45	243.90	-108.74	-63.67	198.82	-117.75	-5.327e+04	-4.610e+05	-2.394e+05	-2.749e+05	2.031e+05
		265	27.27	241.28	-109.63	-64.25	195.90	-117.75	-3.950e+04	-4.093e+05	-2.285e+05	-2.203e+05	1.848e+05
202	5	264	18.99	160.95	-72.55	-42.22	130.62	-78.50	-2.772e+04	-2.856e+05	-1.660e+05	-1.473e+05	1.286e+05
		241	21.29	162.89	-71.90	-41.79	132.78	-78.50	-3.846e+04	-3.234e+05	-1.741e+05	-1.878e+05	1.423e+05
		242	20.32	162.60	-72.50	-42.44	132.55	-78.50	-3.596e+04	-3.079e+05	-1.607e+05	-1.832e+05	1.355e+05
		265	18.19	160.85	-73.09	-42.83	130.60	-78.50	-2.688e+04	-2.733e+05	-1.534e+05	-1.468e+05	1.231e+05
202	8	264	3.93	32.19	-14.51	-8.44	26.12	-15.70	-8942.85	-6.066e+04	-4.058e+04	-2.902e+04	2.521e+04
		241	4.44	32.58	-14.38	-8.36	26.56	-15.70	-1.057e+04	-6.875e+04	-4.220e+04	-3.712e+04	2.898e+04
		242	4.21	32.52	-14.50	-8.49	26.51	-15.70	-9676.17	-6.485e+04	-3.854e+04	-3.600e+04	2.756e+04
		265	3.73	32.17	-14.62	-8.57	26.12	-15.70	-8371.51	-5.742e+04	-3.708e+04	-2.871e+04	2.416e+04
202	11	264	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.43	-644.37
		241	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
		242	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93
		265	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.94
203	1	265	23.55	204.21	-95.83	-62.98	171.37	-93.68	-6571.84	-3.031e+05	-1.793e+05	-1.304e+05	1.462e+05
		242	26.97	201.34	-96.73	-63.61	168.22	-93.68	-2.382e+04	-3.545e+05	-1.908e+05	-1.876e+05	1.653e+05
		243	25.54	201.71	-95.93	-62.75	168.53	-93.68	-2.110e+04	-3.343e+05	-1.738e+05	-1.817e+05	1.566e+05
		266	22.34	204.32	-95.11	-62.18	171.39	-93.68	-6294.07	-2.868e+05	-1.634e+05	-1.297e+05	1.392e+05

203	5	265	15.71	136.14	-63.88	-41.99	114.24	-62.45	-4593.86	-2.023e+05	-1.204e+05	-8.657e+04	9.742e+04
		242	18.00	134.23	-64.49	-42.41	112.15	-62.45	-1.603e+04	-2.367e+05	-1.280e+05	-1.247e+05	1.103e+05
		243	17.04	134.47	-63.96	-41.83	112.35	-62.45	-1.416e+04	-2.231e+05	-1.165e+05	-1.207e+05	1.045e+05
		266	14.89	136.21	-63.40	-41.45	114.26	-62.45	-4354.30	-1.913e+05	-1.096e+05	-8.607e+04	9.274e+04
203	8	265	3.24	27.23	-12.78	-8.40	22.85	-12.49	-1867.58	-4.236e+04	-2.907e+04	-1.516e+04	1.901e+04
		242	3.74	26.85	-12.90	-8.48	22.43	-12.49	-3821.04	-4.956e+04	-3.060e+04	-2.278e+04	2.253e+04
		243	3.50	26.89	-12.79	-8.37	22.47	-12.49	-3153.03	-4.617e+04	-2.749e+04	-2.183e+04	2.132e+04
		266	3.03	27.24	-12.68	-8.29	22.85	-12.49	-1532.71	-3.947e+04	-2.611e+04	-1.489e+04	1.812e+04
203	11	265	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.74	-6240.14	2708.74	-589.07
		242	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.13	2708.75	589.07
		243	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		266	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
204	1	266	19.27	172.56	-85.06	-60.71	148.21	-75.37	1.369e+04	-2.088e+05	-1.269e+05	-6.821e+04	1.073e+05
		243	22.41	166.63	-86.84	-61.99	141.79	-75.37	-3321.76	-2.522e+05	-1.370e+05	-1.185e+05	1.241e+05
		244	21.07	167.32	-85.33	-60.38	142.37	-75.37	-1416.06	-2.356e+05	-1.233e+05	-1.138e+05	1.170e+05
		267	18.09	172.75	-83.69	-59.20	148.26	-75.37	1.340e+04	-1.951e+05	-1.141e+05	-6.765e+04	1.016e+05
204	5	266	12.86	115.04	-56.71	-40.47	98.81	-50.25	9177.90	-1.393e+05	-8.514e+04	-4.498e+04	7.147e+04
		243	14.95	111.09	-57.89	-41.33	94.53	-50.25	-2129.75	-1.682e+05	-9.185e+04	-7.852e+04	8.279e+04
		244	14.05	111.54	-56.89	-40.25	94.91	-50.25	-819.48	-1.571e+05	-8.262e+04	-7.533e+04	7.807e+04
		267	12.06	115.16	-55.80	-39.47	98.84	-50.25	9021.06	-1.301e+05	-7.647e+04	-4.459e+04	6.770e+04
204	8	266	2.66	23.01	-11.34	-8.09	19.76	-10.05	2446.46	-2.876e+04	-2.027e+04	-6042.70	1.389e+04
		243	3.10	22.22	-11.58	-8.27	18.91	-10.05	353.33	-3.472e+04	-2.161e+04	-1.275e+04	1.697e+04
		244	2.89	22.31	-11.38	-8.05	18.98	-10.05	829.45	-3.193e+04	-1.912e+04	-1.198e+04	1.599e+04
		267	2.46	23.03	-11.16	-7.89	19.77	-10.05	2617.56	-2.634e+04	-1.789e+04	-5835.00	1.317e+04
204	11	266	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.93
		243	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
		244	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	467.43
		267	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
205	1	267	15.77	146.38	-75.83	-57.29	127.84	-61.45	2.535e+04	-1.401e+05	-8.698e+04	-2.776e+04	7.724e+04
		244	18.51	139.01	-77.95	-58.87	119.93	-61.45	9327.30	-1.753e+05	-9.551e+04	-7.042e+04	9.144e+04
		245	17.29	139.77	-76.22	-57.04	120.59	-61.45	1.062e+04	-1.621e+05	-8.481e+04	-6.671e+04	8.591e+04
		268	14.67	146.57	-74.26	-55.58	127.89	-61.45	2.478e+04	-1.290e+05	-7.694e+04	-2.733e+04	7.280e+04
205	5	267	10.52	97.59	-50.55	-38.19	85.23	-40.96	1.710e+04	-9.339e+04	-5.831e+04	-1.798e+04	5.144e+04
		244	12.35	92.67	-51.97	-39.25	79.95	-40.96	6435.76	-1.169e+05	-6.400e+04	-4.642e+04	6.101e+04
		245	11.53	93.18	-50.82	-38.03	80.39	-40.96	7326.83	-1.080e+05	-5.679e+04	-4.392e+04	5.732e+04
		268	9.78	97.71	-49.50	-37.05	85.26	-40.96	1.675e+04	-8.596e+04	-5.153e+04	-1.767e+04	4.848e+04
205	8	267	2.21	19.52	-10.11	-7.64	17.05	-8.19	4919.34	-1.896e+04	-1.363e+04	-416.85	9948.62
		244	2.58	18.53	-10.39	-7.85	15.99	-8.19	2832.64	-2.370e+04	-1.477e+04	-6104.83	1.254e+04
		245	2.38	18.64	-10.16	-7.61	16.08	-8.19	3164.88	-2.150e+04	-1.283e+04	-5507.32	1.178e+04
		268	2.03	19.54	-9.90	-7.41	17.05	-8.19	4993.20	-1.703e+04	-1.178e+04	-256.88	9383.66
205	11	267	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.52
		244	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	-2452.59	3981.23	423.51
		245	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.93
		268	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
206	1	268	12.90	123.91	-67.67	-53.36	109.61	-50.36	3.084e+04	-9.053e+04	-5.743e+04	-2259.25	5.405e+04
		245	15.13	116.05	-69.86	-55.04	101.22	-50.36	1.620e+04	-1.180e+05	-6.444e+04	-3.733e+04	6.570e+04
		246	14.03	116.79	-68.15	-53.24	101.87	-50.36	1.705e+04	-1.078e+05	-5.629e+04	-3.449e+04	6.148e+04
		269	11.89	124.09	-66.11	-51.68	109.66	-50.36	3.017e+04	-8.189e+04	-4.978e+04	-1931.85	5.067e+04
206	5	268	8.61	82.61	-45.11	-35.58	73.07	-33.57	2.084e+04	-6.031e+04	-3.847e+04	-999.56	3.599e+04
		245	10.10	77.36	-46.58	-36.69	67.48	-33.57	1.108e+04	-7.860e+04	-4.314e+04	-2.438e+04	4.385e+04
		246	9.36	77.86	-45.43	-35.49	67.92	-33.57	1.166e+04	-7.179e+04	-3.765e+04	-2.248e+04	4.103e+04
		269	7.94	82.72	-44.07	-34.45	73.11	-33.57	2.042e+04	-5.449e+04	-3.331e+04	-769.02	3.374e+04
206	8	268	1.88	16.52	-9.02	-7.12	14.61	-6.71	6066.21	-1.201e+04	-8782.03	2834.78	6926.84
		245	2.13	15.47	-9.32	-7.34	13.50	-6.71	4082.36	-1.564e+04	-9717.12	-1840.67	9040.72
		246	1.96	15.57	-9.09	-7.10	13.58	-6.71	4308.99	-1.395e+04	-8250.10	-1386.96	8457.89
		269	1.71	16.54	-8.81	-6.89	14.62	-6.71	6086.66	-1.051e+04	-7381.81	2954.52	6495.00
206	11	268	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		245	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.43
		246	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		269	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	-315.18
207	1	269	10.60	103.92	-60.34	-49.30	92.88	-41.14	3.168e+04	-5.573e+04	-3.637e+04	1.232e+04	3.630e+04
		246	12.17	96.15	-62.45	-50.94	84.65	-41.14	1.869e+04	-7.610e+04	-4.193e+04	-1.548e+04	4.551e+04
		247	11.21	96.82	-60.87	-49.29	85.24	-41.14	1.921e+04	-6.851e+04	-3.592e+04	-1.339e+04	4.239e+04
		270	9.68	104.07	-58.90	-47.76	92.92	-41.14	3.104e+04	-4.921e+04	-3.073e+04	1.256e+04	3.379e+04
207	5	269	7.09	69.28	-40.23	-32.87	61.92	-27.42	2.142e+04	-3.710e+04	-2.434e+04	8655.45	2.416e+04
		246	8.13	64.10	-41.63	-33.96	56.43	-27.42	1.274e+04	-5.067e+04	-2.804e+04	-9878.88	3.038e+04
		247	7.49	64.55	-40.58	-32.86	56.83	-27.42	1.310e+04	-4.557e+04	-2.399e+04	-8474.64	2.829e+04
		270	6.48	69.38	-39.27	-31.84	61.95	-27.42	2.101e+04	-3.271e+04	-2.053e+04	8824.07	2.249e+04
207	8	269	1.63	13.86	-8.05	-6.57	12.38	-5.48	6221.59	-7233.81	-5393.13	4380.92	4623.73
		246	1.75	12.82	-8.33	-6.79	11.29	-5.48	4416.84	-9877.30	-6134.51	674.05	6284.23
		247	1.61	12.91	-8.12	-6.57	11.37	-5.48	4567.25	-8618.16	-5058.74	1007.83	5853.46
		270	1.50	13.88	-7.85	-6.37	12.39	-5.48	6217.48	-6116.70	-4366.79	4467.57	4303.66
207	11	269	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		246	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
		247	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		270	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
208	1	270	9.04	86.93	-53.66	-45.06	78.34	-33.68	3.004e+04	-3.244e+04	-2.162e+04	1.921e+04	2.365e+04

		247	9.78	79.60	-55.60	-46.61	70.61	-33.68	1.882e+04	-4.708e+04	-2.593e+04	-2334.74	3.077e+04
		248	8.96	80.19	-54.20	-45.15	71.14	-33.68	1.913e+04	-4.152e+04	-2.157e+04	-816.38	2.850e+04
		271	8.28	87.05	-52.38	-43.71	78.38	-33.68	2.951e+04	-2.765e+04	-1.753e+04	1.938e+04	2.182e+04
208	5	270	6.06	57.96	-35.77	-30.04	52.23	-22.45	2.030e+04	-2.157e+04	-1.444e+04	1.317e+04	1.574e+04
		247	6.54	53.07	-37.07	-31.07	47.08	-22.45	1.281e+04	-3.131e+04	-1.731e+04	-1191.29	2.054e+04
		248	5.99	53.46	-36.14	-30.10	47.42	-22.45	1.303e+04	-2.758e+04	-1.438e+04	-172.89	1.902e+04
		271	5.55	58.04	-34.92	-29.14	52.25	-22.45	1.996e+04	-1.835e+04	-1.168e+04	1.329e+04	1.452e+04
208	8	270	1.45	11.59	-7.15	-6.01	10.45	-4.49	5829.60	-4071.14	-3064.79	4823.24	2991.81
		247	1.46	10.61	-7.41	-6.21	9.42	-4.49	4252.86	-5941.91	-3639.37	1950.32	4262.89
		248	1.34	10.69	-7.23	-6.02	9.48	-4.49	4352.50	-5028.68	-2867.14	2190.95	3950.39
		271	1.35	11.61	-6.98	-5.83	10.45	-4.49	5818.50	-3262.64	-2328.46	4884.32	2758.76
208	11	270	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		247	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
		248	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		271	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
209	1	271	7.83	71.57	-47.51	-40.91	64.96	-27.25	2.621e+04	-1.747e+04	-1.193e+04	2.068e+04	1.453e+04
		248	7.76	64.89	-49.23	-42.31	57.97	-27.25	1.691e+04	-2.736e+04	-1.513e+04	4679.88	1.980e+04
		249	7.08	65.39	-48.04	-41.07	58.41	-27.25	1.710e+04	-2.346e+04	-1.209e+04	5738.92	1.821e+04
		272	7.23	71.66	-46.41	-39.75	65.00	-27.25	2.583e+04	-1.412e+04	-9083.23	2.080e+04	1.326e+04
209	5	271	5.26	47.71	-31.67	-27.27	43.31	-18.17	1.771e+04	-1.160e+04	-7952.78	1.407e+04	9668.32
		248	5.19	43.26	-32.82	-28.20	38.64	-18.17	1.150e+04	-1.818e+04	-1.009e+04	3400.64	1.322e+04
		249	4.74	43.59	-32.03	-27.38	38.94	-18.17	1.163e+04	-1.556e+04	-8040.86	4110.77	1.216e+04
		272	4.86	47.78	-30.94	-26.50	43.33	-18.17	1.746e+04	-9344.32	-6033.29	1.415e+04	8819.64
209	8	271	1.30	9.54	-6.33	-5.45	8.66	-3.63	5000.86	-2087.15	-1582.05	4495.76	1823.47
		248	1.23	8.65	-6.56	-5.64	7.73	-3.63	3692.71	-3338.65	-2008.66	2362.71	2753.69
		249	1.14	8.72	-6.41	-5.48	7.79	-3.63	3757.76	-2704.97	-1476.57	2529.36	2535.71
		272	1.22	9.56	-6.19	-5.30	8.67	-3.63	4991.29	-1529.42	-1075.06	4536.93	1660.21
209	11	271	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		248	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
		249	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		272	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
210	1	272	6.93	58.38	-41.77	-36.72	53.32	-21.92	2.166e+04	-8387.38	-5771.42	1.905e+04	8471.77
		249	6.29	52.46	-43.27	-37.95	47.15	-21.92	1.426e+04	-1.479e+04	-8071.96	7545.66	1.224e+04
		250	5.75	52.87	-42.27	-36.92	47.52	-21.92	1.438e+04	-1.213e+04	-6017.81	8263.23	1.117e+04
		273	6.49	58.46	-40.85	-35.75	53.35	-21.92	2.142e+04	-6135.00	-3845.08	1.913e+04	7605.78
210	5	272	4.66	38.92	-27.85	-24.48	35.55	-14.62	1.462e+04	-5552.53	-3831.82	1.290e+04	5635.41
		249	4.22	34.98	-28.85	-25.30	31.43	-14.62	9678.35	-9808.64	-5365.51	5235.22	8175.68
		250	3.86	35.25	-28.18	-24.61	31.68	-14.62	9762.65	-8029.39	-3982.96	5716.22	7457.92
		273	4.36	38.97	-27.24	-23.83	35.57	-14.62	1.446e+04	-4039.96	-2534.47	1.296e+04	5058.77
210	8	272	1.18	7.78	-5.57	-4.90	7.11	-2.92	4043.15	-907.63	-672.76	3808.28	1052.44
		249	1.04	7.00	-5.77	-5.06	6.29	-2.92	3007.76	-1712.67	-979.49	2274.59	1709.78
		250	0.98	7.05	-5.64	-4.92	6.34	-2.92	3050.55	-1288.25	-624.24	2386.54	1562.08
		273	1.12	7.79	-5.45	-4.77	7.11	-2.92	4037.66	-537.18	-334.54	3835.02	941.26
210	11	272	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		249	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
		250	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		273	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
211	1	273	6.17	46.66	-36.38	-32.59	42.87	-17.32	1.672e+04	-3312.60	-2212.12	1.562e+04	4564.71
		250	5.17	41.55	-37.64	-33.65	37.56	-17.32	1.116e+04	-7193.86	-3786.74	7748.43	7135.14
		251	4.78	41.88	-36.83	-32.81	37.86	-17.32	1.124e+04	-5486.43	-2460.80	8212.51	6438.00
		274	5.86	46.72	-35.63	-31.80	42.90	-17.32	1.658e+04	-1881.88	-969.06	1.567e+04	4002.86
211	5	273	4.15	31.11	-24.25	-21.73	28.58	-11.55	1.128e+04	-2179.23	-1455.68	1.055e+04	3035.24
		250	3.47	27.70	-25.10	-22.44	25.04	-11.55	7560.12	-4760.84	-2505.43	5304.70	4764.66
		251	3.22	27.92	-24.55	-21.87	25.24	-11.55	7618.08	-3615.99	-1613.58	5615.67	4299.49
		274	3.94	31.15	-23.75	-21.20	28.60	-11.55	1.119e+04	-1218.84	-619.08	1.059e+04	2661.09
211	8	273	1.05	6.22	-4.85	-4.35	5.72	-2.31	3041.83	-274.79	-177.51	2944.55	559.64
		250	0.89	5.54	-5.02	-4.49	5.01	-2.31	2271.19	-763.84	-387.46	1894.80	1000.34
		251	0.84	5.58	-4.91	-4.37	5.05	-2.31	2299.15	-494.39	-161.70	1966.47	904.81
		274	1.01	6.23	-4.75	-4.24	5.72	-2.31	3040.05	-41.88	37.20	2960.97	487.30
211	11	273	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		250	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
		251	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		274	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
212	1	274	5.35	35.88	-31.30	-28.59	33.18	-13.20	1.170e+04	-869.33	-476.52	1.131e+04	2187.17
		251	4.21	31.61	-32.33	-29.47	28.76	-13.20	7878.05	-3018.96	-1472.06	6331.15	3803.12
		252	3.95	31.87	-31.68	-28.81	28.99	-13.20	7938.25	-2009.25	-680.02	6609.02	3384.62
		275	5.14	35.92	-30.70	-27.97	33.19	-13.20	1.164e+04	-35.02	265.74	1.134e+04	1849.47
212	5	274	3.60	23.92	-20.86	-19.06	22.12	-8.80	7882.41	-559.65	-301.47	7624.24	1453.58
		251	2.83	21.07	-21.55	-19.65	19.17	-8.80	5330.49	-1989.88	-965.16	4305.77	2539.94
		252	2.66	21.25	-21.12	-19.21	19.33	-8.80	5372.28	-1313.24	-432.84	4491.88	2260.72
		275	3.46	23.95	-20.47	-18.65	22.13	-8.80	7841.91	0.18	197.67	7644.42	1228.68
212	8	274	0.90	4.78	-4.17	-3.81	4.42	-1.76	2068.72	2.32	36.49	2034.55	263.54
		251	0.73	4.21	-4.31	-3.93	3.83	-1.76	1545.33	-270.72	-96.25	1370.86	535.17
		252	0.70	4.25	-4.22	-3.84	3.87	-1.76	1562.86	-113.60	36.03	1413.24	477.97
		275	0.87	4.79	-4.09	-3.73	4.43	-1.76	2069.11	136.77	162.13	2043.75	219.91
212	11	274	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		251	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96

		252	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		275	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
213	1	275	4.50	26.51	-26.44	-24.61	24.67	-9.69	7430.92	105.52	221.07	7315.37	912.73
		252	3.39	23.06	-27.26	-25.32	21.12	-9.69	5048.29	-989.67	-358.57	4417.19	1847.24
		253	3.23	23.26	-26.76	-24.81	21.30	-9.69	5091.16	-442.71	77.75	4570.70	1615.33
		276	4.37	26.54	-25.98	-24.13	24.68	-9.69	7408.48	552.18	629.79	7330.87	725.32
213	5	275	3.02	17.67	-17.63	-16.40	16.45	-6.46	4999.35	82.84	158.75	4923.44	606.17
		252	2.28	15.37	-18.17	-16.88	14.08	-6.46	3409.82	-646.17	-227.67	2991.32	1233.81
		253	2.17	15.50	-17.84	-16.54	14.20	-6.46	3439.21	-279.83	65.30	3094.08	1079.09
		276	2.93	17.69	-17.32	-16.09	16.46	-6.46	4985.09	382.42	433.32	4934.19	481.34
213	8	275	0.74	3.53	-3.53	-3.28	3.29	-1.29	1273.54	89.88	99.70	1263.72	107.34
		252	0.58	3.07	-3.63	-3.38	2.82	-1.29	950.50	-50.79	22.41	877.30	260.66
		253	0.57	3.10	-3.57	-3.31	2.84	-1.29	960.86	33.08	93.57	900.36	229.05
		276	0.72	3.54	-3.46	-3.22	3.29	-1.29	1274.61	160.95	167.18	1268.39	83.04
213	11	275	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		252	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
		253	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.98	352.08	16.53
		276	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
214	1	276	3.46	18.01	-21.81	-20.70	16.90	-6.55	3963.01	286.18	311.76	3937.43	305.57
		253	2.54	15.37	-22.41	-21.24	14.20	-6.55	2711.85	-196.00	22.87	2492.99	767.15
		254	2.45	15.51	-22.05	-20.87	14.33	-6.55	2737.66	56.64	228.64	2565.66	656.92
		277	3.37	18.03	-21.47	-20.36	16.91	-6.55	3958.00	490.85	504.40	3944.45	216.32
214	5	276	2.32	12.01	-14.54	-13.80	11.27	-4.37	2662.53	197.51	214.31	2645.73	202.77
		253	1.71	10.24	-14.94	-14.16	9.46	-4.37	1828.11	-123.62	21.71	1682.77	512.38
		254	1.65	10.34	-14.70	-13.92	9.55	-4.37	1845.61	45.48	159.71	1731.38	438.85
		277	2.26	12.02	-14.32	-13.57	11.27	-4.37	2659.44	334.68	343.55	2650.57	143.31
214	8	276	0.55	2.40	-2.91	-2.76	2.25	-0.87	655.92	79.41	81.53	653.80	34.89
		253	0.42	2.05	-2.99	-2.83	1.89	-0.87	487.52	16.71	43.01	461.21	108.14
		254	0.41	2.07	-2.94	-2.78	1.91	-0.87	492.72	54.69	75.50	471.91	93.17
		277	0.54	2.40	-2.86	-2.71	2.25	-0.87	656.74	111.27	112.27	655.75	23.26
214	11	276	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		253	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
		254	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		277	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
215	1	277	2.20	10.36	-17.37	-16.86	9.84	-3.74	1559.15	164.42	168.95	1554.62	79.36
		254	1.61	8.49	-17.78	-17.23	7.95	-3.74	1070.40	-3.14	59.57	1007.69	251.76
		255	1.56	8.58	-17.53	-16.99	8.04	-3.74	1081.17	85.76	133.12	1033.82	211.89
		278	2.16	10.37	-17.14	-16.62	9.85	-3.74	1558.64	236.08	237.75	1556.97	46.98
215	5	277	1.47	6.90	-11.58	-11.24	6.56	-2.49	1045.82	112.48	115.46	1042.84	52.67
		254	1.08	5.66	-11.85	-11.49	5.30	-2.49	719.92	0.83	42.54	678.22	168.08
		255	1.05	5.72	-11.69	-11.32	5.36	-2.49	727.18	60.26	91.77	695.67	141.49
		278	1.45	6.91	-11.43	-11.08	6.57	-2.49	1045.53	160.43	161.52	1044.44	31.09
215	8	277	0.33	1.38	-2.32	-2.25	1.31	-0.50	247.54	39.58	39.98	247.14	9.11
		254	0.25	1.13	-2.37	-2.30	1.06	-0.50	182.05	17.56	25.40	174.22	35.04
		255	0.25	1.14	-2.34	-2.26	1.07	-0.50	183.91	30.46	36.42	177.94	29.66
		278	0.33	1.38	-2.29	-2.22	1.31	-0.50	247.81	50.25	50.37	247.70	4.85
215	11	277	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		254	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
		255	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		278	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
216	1	278	0.94	3.48	-13.16	-13.07	3.39	-1.19	321.37	33.12	34.16	320.33	17.28
		255	0.71	2.36	-13.39	-13.30	2.27	-1.19	218.99	-2.00	11.25	205.75	52.45
		33	0.69	2.41	-13.25	-13.16	2.32	-1.19	221.04	15.52	25.64	210.92	44.47
		34	0.92	3.48	-13.03	-12.94	3.40	-1.19	321.15	47.18	47.60	320.72	10.76
216	5	278	0.63	2.32	-8.77	-8.72	2.26	-0.79	215.16	22.96	23.66	214.47	11.52
		255	0.48	1.57	-8.93	-8.87	1.51	-0.79	146.91	-0.45	8.38	138.08	34.97
		33	0.46	1.61	-8.83	-8.77	1.54	-0.79	148.27	11.23	17.98	141.53	29.65
		34	0.61	2.32	-8.68	-8.63	2.27	-0.79	215.01	32.34	32.62	214.73	7.17
216	8	278	0.13	0.46	-1.75	-1.74	0.45	-0.16	48.54	9.86	10.00	48.40	2.29
		255	0.10	0.31	-1.79	-1.77	0.30	-0.16	34.88	5.19	6.94	33.12	7.01
		33	0.10	0.32	-1.77	-1.75	0.31	-0.16	35.16	7.53	8.88	33.81	5.94
		34	0.13	0.46	-1.74	-1.73	0.45	-0.16	48.51	11.75	11.80	48.46	1.42
216	11	278	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		255	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
		33	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		34	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
217	1	281	9.88	-4.38	-9.04	-8.87	-4.55	-0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	-4717.87
		1	9.88	-4.38	-9.04	-8.87	-4.55	-0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	-4717.87
		258	9.88	-4.38	-9.04	-8.87	-4.55	-0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	-4717.87
217	5	281	6.72	-2.92	-6.02	-5.91	-3.03	-0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	-3145.25
		1	6.72	-2.92	-6.02	-5.91	-3.03	-0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	-3145.25
		258	6.72	-2.92	-6.02	-5.91	-3.03	-0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	-3145.25
217	8	281	2.23	-0.58	-1.20	-1.18	-0.61	-0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	-629.05
		1	2.23	-0.58	-1.20	-1.18	-0.61	-0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	-629.05
		258	2.23	-0.58	-1.20	-1.18	-0.61	-0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	-629.05
217	11	281	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-2.71e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-2.71e-05

		258	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 -2.71e-05
218	1	282	22.37	-13.45	-20.99	-20.08	-14.36	-2.45-3.390e+05-6.873e+05-6.409e+05-3.854e+05-1.183e+05
		281	21.21	-8.31	-20.06	-19.53	-8.84	-2.45-2.186e+05-6.410e+05-6.256e+05-2.340e+05-7.917e+04
		258	18.48	-7.70	-17.67	-17.03	-8.34	-2.45-2.148e+05-5.626e+05-5.571e+05-2.203e+05-4.338e+04
		259	20.87	-13.03	-19.78	-18.72	-14.08	-2.45-3.408e+05-6.407e+05-6.036e+05-3.779e+05-9.880e+04
218	5	282	15.06	-8.97	-13.99	-13.39	-9.57	-1.63-2.306e+05-4.628e+05-4.319e+05-2.615e+05-7.889e+04
		281	14.27	-5.54	-13.38	-13.02	-5.90	-1.63-1.503e+05-4.319e+05-4.216e+05-1.605e+05-5.279e+04
		258	12.46	-5.13	-11.78	-11.35	-5.56	-1.63-1.477e+05-3.796e+05-3.760e+05-1.514e+05-2.891e+04
		259	14.06	-8.68	-13.18	-12.48	-9.39	-1.63-2.317e+05-4.317e+05-4.070e+05-2.565e+05-6.587e+04
218	8	282	3.94	-1.79	-2.80	-2.68	-1.91	-0.33-7.338e+04-1.200e+05-1.139e+05-7.954e+04-1.579e+04
		281	3.70	-1.11	-2.68	-2.60	-1.18	-0.33-5.706e+04-1.138e+05-1.118e+05-5.910e+04-1.059e+04
		258	3.37	-1.03	-2.36	-2.27	-1.11	-0.33-5.656e+04-1.033e+05-1.026e+05-5.728e+04 -5754.42
		259	3.75	-1.74	-2.64	-2.50	-1.88	-0.33-7.363e+04-1.138e+05-1.089e+05-7.854e+04-1.316e+04
218	11	282	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04 -19.34
		281	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04 -35.46
		258	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04 35.46
		259	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04 19.34
219	1	283	34.09	-20.04	-32.94	-31.42	-21.56	-4.17-5.014e+05-1.047e+06-9.742e+05-5.743e+05-1.856e+05
		282	32.86	-15.37	-32.02	-30.91	-16.49	-4.17-4.056e+05-1.003e+06-9.614e+05-4.476e+05-1.529e+05
		259	29.46	-14.49	-28.89	-27.56	-15.82	-4.17-4.057e+05-9.035e+05-8.782e+05-4.310e+05-1.094e+05
		260	31.76	-19.33	-30.89	-29.12	-21.10	-4.17-5.042e+05-9.757e+05-9.170e+05-5.628e+05-1.557e+05
219	5	283	22.88	-13.36	-21.96	-20.95	-14.37	-2.78-3.389e+05-7.028e+05-6.542e+05-3.875e+05-1.237e+05
		282	22.05	-10.25	-21.35	-20.60	-10.99	-2.78-2.749e+05-6.737e+05-6.456e+05-3.030e+05-1.020e+05
		259	19.79	-9.66	-19.26	-18.37	-10.55	-2.78-2.750e+05-6.071e+05-5.902e+05-2.919e+05-7.291e+04
		260	21.33	-12.89	-20.59	-19.41	-14.07	-2.78-3.408e+05-6.552e+05-6.161e+05-3.799e+05-1.038e+05
219	8	283	5.51	-2.67	-4.39	-4.19	-2.87	-0.56-9.564e+04-1.689e+05-1.593e+05-1.053e+05-2.479e+04
		282	5.31	-2.05	-4.27	-4.12	-2.20	-0.56-8.246e+04-1.631e+05-1.575e+05-8.803e+04-2.046e+04
		259	4.88	-1.93	-3.85	-3.67	-2.11	-0.56-8.251e+04-1.497e+05-1.464e+05-8.581e+04-1.452e+04
		260	5.22	-2.58	-4.12	-3.88	-2.81	-0.56-9.606e+04-1.594e+05-1.517e+05-1.038e+05-2.071e+04
219	11	283	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 -53.17
		282	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 -77.33
		259	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 77.33
		260	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 53.17
220	1	284	46.67	-26.85	-45.07	-43.05	-28.87	-5.72-6.832e+05-1.433e+06-1.339e+06-7.773e+05-2.485e+05
		283	45.36	-22.18	-44.14	-42.54	-23.79	-5.72-5.831e+05-1.388e+06-1.326e+06-6.449e+05-2.144e+05
		260	40.71	-21.00	-40.05	-38.14	-22.91	-5.72-5.841e+05-1.250e+06-1.212e+06-6.221e+05-1.546e+05
		261	43.14	-25.84	-42.06	-39.70	-28.20	-5.72-6.871e+05-1.325e+06-1.253e+06-7.599e+05-2.029e+05
220	5	284	31.27	-17.90	-30.05	-28.70	-19.24	-3.81-4.602e+05-9.606e+05-8.979e+05-5.229e+05-1.657e+05
		283	30.39	-14.79	-29.43	-28.36	-15.86	-3.81-3.934e+05-9.301e+05-8.889e+05-4.346e+05-1.429e+05
		260	27.30	-14.00	-26.70	-25.43	-15.27	-3.81-3.941e+05-8.383e+05-8.129e+05-4.194e+05-1.031e+05
		261	28.93	-17.23	-28.04	-26.47	-18.80	-3.81-4.628e+05-8.885e+05-8.400e+05-5.114e+05-1.353e+05
220	8	284	7.23	-3.58	-6.01	-5.74	-3.85	-0.76-1.207e+05-2.218e+05-2.094e+05-1.331e+05-3.321e+04
		283	7.02	-2.96	-5.89	-5.67	-3.17	-0.76-1.068e+05-2.157e+05-2.075e+05-1.150e+05-2.869e+04
		260	6.42	-2.80	-5.34	-5.09	-3.05	-0.76-1.070e+05-1.972e+05-1.923e+05-1.119e+05-2.050e+04
		261	6.78	-3.45	-5.61	-5.29	-3.76	-0.76-1.213e+05-2.073e+05-1.978e+05-1.308e+05-2.697e+04
220	11	284	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 -103.43
		283	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 -135.75
		260	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 135.75
		261	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 103.43
221	1	279	59.85	-33.75	-57.26	-54.77	-36.23	-7.23-8.821e+05-1.839e+06-1.726e+06-9.948e+05-3.084e+05
		284	58.43	-29.04	-56.33	-54.26	-31.11	-7.23-7.734e+05-1.790e+06-1.711e+06-8.521e+05-2.717e+05
		261	52.29	-27.55	-51.23	-48.76	-30.01	-7.23-7.747e+05-1.606e+06-1.559e+06-8.217e+05-1.919e+05
		256	54.90	-32.43	-53.25	-50.34	-35.35	-7.23-8.871e+05-1.686e+06-1.603e+06-9.702e+05-2.440e+05
221	5	279	40.07	-22.50	-38.17	-36.52	-24.16	-4.82-5.930e+05-1.231e+06-1.156e+06-6.681e+05-2.056e+05
		284	39.12	-19.36	-37.55	-36.17	-20.74	-4.82-5.204e+05-1.199e+06-1.146e+06-5.729e+05-1.812e+05
		261	35.03	-18.37	-34.15	-32.51	-20.01	-4.82-5.213e+05-1.076e+06-1.045e+06-5.526e+05-1.279e+05
		256	36.77	-21.62	-35.50	-33.56	-23.56	-4.82-5.964e+05-1.129e+06-1.074e+06-6.517e+05-1.626e+05
221	8	279	9.04	-4.50	-7.63	-7.30	-4.83	-0.96-1.482e+05-2.776e+05-2.627e+05-1.631e+05-4.126e+04
		284	8.82	-3.87	-7.51	-7.23	-4.15	-0.96-1.331e+05-2.710e+05-2.607e+05-1.435e+05-3.640e+04
		261	8.03	-3.67	-6.83	-6.50	-4.00	-0.96-1.334e+05-2.464e+05-2.404e+05-1.394e+05-2.542e+04
		256	8.40	-4.32	-7.10	-6.71	-4.71	-0.96-1.491e+05-2.571e+05-2.464e+05-1.598e+05-3.239e+04
221	11	279	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 -169.35
		284	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 -209.66
		261	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 209.66
		256	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 169.34
222	1	280	57.99	519.93	-194.01	357.56	-31.63	299.27-8.833e+05-1.751e+06-1.606e+06-1.029e+06-3.241e+05
		279	57.18	544.92	-133.50	365.40	46.01	299.27-8.416e+05-1.725e+06-1.600e+06-9.666e+05-3.078e+05
		256	53.47	642.05	-86.54	485.49	70.03	299.27-8.460e+05-1.604e+06-1.503e+06-9.472e+05-2.578e+05
		257	54.79	606.67	-155.86	461.63	-10.82	299.27-8.876e+05-1.646e+06-1.522e+06-1.012e+06-2.807e+05
222	5	280	38.81	346.62	-129.34	238.37	-21.09	199.51-5.935e+05-1.172e+06-1.075e+06-6.905e+05-2.161e+05
		279	38.26	363.28	-89.00	243.60	30.68	199.51-5.658e+05-1.154e+06-1.071e+06-6.491e+05-2.052e+05
		256	35.79	428.04	-57.69	323.66	46.69	199.51-5.687e+05-1.074e+06-1.006e+06-6.362e+05-1.719e+05
		257	36.67	404.45	-103.91	307.75	-7.21	199.51-5.964e+05-1.102e+06-1.019e+06-6.793e+05-1.872e+05
222	8	280	8.64	69.32	-25.87	47.67	-4.22	39.90-1.466e+05-2.610e+05-2.414e+05-1.662e+05-4.310e+04
		279	8.52	72.66	-17.80	48.72	6.14	39.90-1.414e+05-2.575e+05-2.406e+05-1.583e+05-4.091e+04
		256	8.06	85.61	-11.54	64.73	9.34	39.90-1.418e+05-2.416e+05-2.277e+05-1.557e+05-3.451e+04
		257	8.23	80.89	-20.78	61.55	-1.44	39.90-1.470e+05-2.472e+05-2.302e+05-1.640e+05-3.755e+04

222	11	280	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.53
		279	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.31
		256	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.32
		257	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.54
223	1	285	54.28	446.68	-151.87	356.65	-61.84	213.96	-5.553e+05	-1.250e+06	-1.101e+06	-7.036e+05	-2.845e+05
		280	54.10	457.45	-114.09	361.11	-17.75	213.96	-5.495e+05	-1.244e+06	-1.100e+06	-6.934e+05	-2.816e+05
		257	53.38	513.11	-93.38	424.75	-5.02	213.96	-5.499e+05	-1.225e+06	-1.085e+06	-6.903e+05	-2.740e+05
		262	53.66	495.05	-134.78	411.21	-50.93	213.96	-5.557e+05	-1.233e+06	-1.088e+06	-7.009e+05	-2.779e+05
223	5	285	36.30	297.79	-101.24	237.77	-41.23	142.64	-3.732e+05	-8.357e+05	-7.369e+05	-4.720e+05	-1.896e+05
		280	36.18	304.96	-76.06	240.74	-11.83	142.64	-3.693e+05	-8.323e+05	-7.363e+05	-4.654e+05	-1.877e+05
		257	35.70	342.07	-62.25	283.17	-3.35	142.64	-3.696e+05	-8.194e+05	-7.258e+05	-4.633e+05	-1.827e+05
		262	35.88	330.04	-89.85	274.14	-33.96	142.64	-3.734e+05	-8.247e+05	-7.279e+05	-4.702e+05	-1.853e+05
223	8	285	7.92	59.56	-20.25	47.55	-8.25	28.53	-9.223e+04	-1.832e+05	-1.631e+05	-1.124e+05	-3.778e+04
		280	7.90	60.99	-15.21	48.15	-2.37	28.53	-9.189e+04	-1.827e+05	-1.630e+05	-1.115e+05	-3.737e+04
		257	7.82	68.41	-12.45	56.63	-0.67	28.53	-9.165e+04	-1.804e+05	-1.609e+05	-1.111e+05	-3.671e+04
		262	7.85	66.01	-17.97	54.83	-6.79	28.53	-9.202e+04	-1.813e+05	-1.613e+05	-1.120e+05	-3.721e+04
223	11	285	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		280	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
		257	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		262	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
224	1	286	42.51	380.86	-129.42	328.93	-77.50	154.28	-3.836e+05	-8.806e+05	-7.249e+05	-5.393e+05	-2.306e+05
		285	43.03	384.33	-113.35	330.73	-59.75	154.28	-3.929e+05	-8.922e+05	-7.270e+05	-5.581e+05	-2.349e+05
		262	44.89	411.18	-105.07	360.00	-53.90	154.28	-3.908e+05	-9.282e+05	-7.552e+05	-5.638e+05	-2.511e+05
		263	44.14	404.47	-122.29	354.55	-72.37	154.28	-3.816e+05	-9.123e+05	-7.496e+05	-5.442e+05	-2.447e+05
224	5	286	28.40	253.91	-86.28	219.29	-51.66	102.85	-2.577e+05	-5.886e+05	-4.845e+05	-3.617e+05	-1.536e+05
		285	28.76	256.22	-75.57	220.49	-39.83	102.85	-2.640e+05	-5.963e+05	-4.859e+05	-3.744e+05	-1.565e+05
		262	30.00	274.12	-70.05	240.00	-35.93	102.85	-2.625e+05	-6.205e+05	-5.048e+05	-3.782e+05	-1.675e+05
		263	29.50	269.64	-81.53	236.37	-48.25	102.85	-2.562e+05	-6.098e+05	-5.010e+05	-3.650e+05	-1.632e+05
224	8	286	6.08	50.78	-17.26	43.86	-10.33	20.57	-6.317e+04	-1.267e+05	-1.044e+05	-8.553e+04	-3.035e+04
		285	6.18	51.24	-15.11	44.10	-7.97	20.57	-6.511e+04	-1.288e+05	-1.049e+05	-8.910e+04	-3.088e+04
		262	6.45	54.82	-14.01	48.00	-7.19	20.57	-6.405e+04	-1.344e+05	-1.086e+05	-8.985e+04	-3.392e+04
		263	6.32	53.93	-16.31	47.27	-9.65	20.57	-6.222e+04	-1.317e+05	-1.077e+05	-8.619e+04	-3.301e+04
224	11	286	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	470.70
		285	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	537.94
		262	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	-537.94
		263	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.51	-1.648e+04	-470.70
225	1	287	33.52	325.10	-116.20	292.12	-83.22	116.05	-2.559e+05	-6.212e+05	-4.722e+05	-4.049e+05	-1.796e+05
		286	34.44	326.17	-110.32	292.75	-76.91	116.05	-2.657e+05	-6.395e+05	-4.749e+05	-4.302e+05	-1.856e+05
		263	37.47	337.17	-107.28	304.46	-74.57	116.05	-2.650e+05	-6.926e+05	-5.186e+05	-4.390e+05	-2.100e+05
		264	36.26	334.90	-113.51	302.52	-81.14	116.05	-2.546e+05	-6.691e+05	-5.110e+05	-4.127e+05	-2.013e+05
225	5	287	22.38	216.73	-77.47	194.74	-55.48	77.37	-1.717e+05	-4.149e+05	-3.152e+05	-2.715e+05	-1.196e+05
		286	23.00	217.45	-73.55	195.17	-51.27	77.37	-1.784e+05	-4.272e+05	-3.170e+05	-2.886e+05	-1.236e+05
		263	25.03	224.78	-71.52	202.98	-49.71	77.37	-1.778e+05	-4.628e+05	-3.462e+05	-2.944e+05	-1.401e+05
		264	24.22	223.27	-75.67	201.68	-54.09	77.37	-1.708e+05	-4.470e+05	-3.411e+05	-2.767e+05	-1.343e+05
225	8	287	4.71	43.35	-15.49	38.95	-11.10	15.47	-4.106e+04	-8.803e+04	-6.542e+04	-6.367e+04	-2.347e+04
		286	4.88	43.49	-14.71	39.03	-10.25	15.47	-4.286e+04	-9.132e+04	-6.601e+04	-6.818e+04	-2.421e+04
		263	5.32	44.96	-14.30	40.60	-9.94	15.47	-4.202e+04	-9.916e+04	-7.184e+04	-6.934e+04	-2.854e+04
		264	5.11	44.65	-15.13	40.34	-10.82	15.47	-4.018e+04	-9.513e+04	-7.060e+04	-6.471e+04	-2.732e+04
225	11	287	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		286	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.42
		263	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.41
		264	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.48
226	1	288	26.60	278.63	-106.11	256.09	-83.58	90.35	-1.626e+05	-4.370e+05	-3.021e+05	-2.975e+05	-1.372e+05
		287	27.70	278.81	-104.97	256.21	-82.37	90.35	-1.700e+05	-4.564e+05	-3.047e+05	-3.217e+05	-1.429e+05
		264	31.20	281.18	-104.36	258.70	-81.87	90.35	-1.719e+05	-5.103e+05	-3.512e+05	-3.310e+05	-1.689e+05
		265	29.82	280.76	-105.56	258.33	-83.13	90.35	-1.633e+05	-4.866e+05	-3.440e+05	-3.059e+05	-1.605e+05
226	5	288	17.75	185.75	-70.74	170.72	-55.72	60.23	-1.090e+05	-2.917e+05	-2.013e+05	-1.994e+05	-9.136e+04
		287	18.49	185.87	-69.98	170.81	-54.91	60.23	-1.140e+05	-3.048e+05	-2.030e+05	-2.157e+05	-9.520e+04
		264	20.83	187.46	-69.57	172.47	-54.58	60.23	-1.152e+05	-3.408e+05	-2.341e+05	-2.219e+05	-1.127e+05
		265	19.91	187.17	-70.37	172.22	-55.42	60.23	-1.093e+05	-3.249e+05	-2.292e+05	-2.050e+05	-1.071e+05
226	8	288	3.68	37.15	-14.15	34.14	-11.14	12.05	-2.483e+04	-6.107e+04	-3.962e+04	-4.629e+04	-1.781e+04
		287	3.88	37.17	-14.00	34.16	-10.98	12.05	-2.611e+04	-6.458e+04	-4.017e+04	-5.052e+04	-1.853e+04
		264	4.38	37.49	-13.91	34.49	-10.92	12.05	-2.586e+04	-7.228e+04	-4.638e+04	-5.176e+04	-2.305e+04
		265	4.14	37.43	-14.07	34.44	-11.08	12.05	-2.440e+04	-6.821e+04	-4.521e+04	-4.740e+04	-2.188e+04
226	11	288	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		287	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	644.37
		264	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.54	-644.37
		265	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.94
227	1	289	20.99	238.74	-97.34	222.59	-81.19	71.88	-9.543e+04	-3.023e+05	-1.841e+05	-2.136e+05	-1.024e+05
		288	22.17	238.59	-98.36	222.49	-82.25	71.88	-1.003e+05	-3.203e+05	-1.863e+05	-2.343e+05	-1.073e+05
		265	25.75	236.27	-98.93	220.07	-82.73	71.88	-1.047e+05	-3.686e+05	-2.302e+05	-2.431e+05	-1.318e+05
		266	24.35	236.63	-97.86	220.40	-81.63	71.88	-9.823e+04	-3.474e+05	-2.240e+05	-2.216e+05	-1.246e+05
227	5	289	14.00	159.16	-64.89	148.40	-54.12	47.92	-6.377e+04	-2.017e+05	-1.224e+05	-1.431e+05	-6.819e+04
		288	14.80	159.06	-65.57	148.32	-54.83	47.92	-6.707e+04	-2.138e+05	-1.239e+05	-1.570e+05	-7.148e+04
		265	17.19	157.51	-65.95	146.71	-55.16	47.92	-6.996e+04	-2.461e+05	-1.531e+05	-1.629e+05	-8.791e+04
		266	16.25	157.76	-65.24	146.93	-54.42	47.92	-6.557e+04	-2.318e+05	-1.490e+05	-1.484e+05	-8.312e+04
227	8	289	2.87	31.83	-12.98	29.68	-10.82	9.58	-1.324e+04	-4.172e+04	-2.215e+04	-3.281e+04	-1.321e+04

		288	3.09	31.81	-13.11	29.66	-10.97	9.58	-1.406e+04	-4.496e+04	-2.262e+04	-3.641e+04	-1.383e+04
		265	3.59	31.50	-13.19	29.34	-11.03	9.58	-1.440e+04	-5.164e+04	-2.847e+04	-3.758e+04	-1.805e+04
		266	3.35	31.55	-13.05	29.39	-10.88	9.58	-1.332e+04	-4.802e+04	-2.747e+04	-3.387e+04	-1.705e+04
227	11	289	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		288	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.13	589.07
		265	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.07
		266	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
228	1	290	16.40	203.54	-89.37	191.63	-77.47	57.83	-4.814e+04	-2.038e+05	-1.021e+05	-1.498e+05	-7.406e+04
		289	17.59	203.26	-91.29	191.43	-79.46	57.83	-5.107e+04	-2.193e+05	-1.039e+05	-1.665e+05	-7.805e+04
		266	20.97	198.49	-92.44	186.50	-80.45	57.83	-5.758e+04	-2.591e+05	-1.425e+05	-1.742e+05	-9.950e+04
		267	19.62	199.17	-90.43	187.12	-78.37	57.83	-5.296e+04	-2.414e+05	-1.375e+05	-1.569e+05	-9.372e+04
228	5	290	10.94	135.69	-59.58	127.76	-51.65	38.56	-3.196e+04	-1.359e+05	-6.753e+04	-1.003e+05	-4.931e+04
		289	11.74	135.51	-60.86	127.62	-52.98	38.56	-3.394e+04	-1.463e+05	-6.874e+04	-1.115e+05	-5.197e+04
		266	14.00	132.33	-61.63	124.34	-53.63	38.56	-3.826e+04	-1.729e+05	-9.448e+04	-1.167e+05	-6.640e+04
		267	13.09	132.78	-60.28	124.74	-52.25	38.56	-3.515e+04	-1.610e+05	-9.112e+04	-1.050e+05	-6.254e+04
228	8	290	2.25	27.14	-11.92	25.55	-10.33	7.71	-5252.42	-2.783e+04	-1.042e+04	-2.266e+04	-9487.93
		289	2.47	27.10	-12.17	25.52	-10.60	7.71	-5757.07	-3.059e+04	-1.079e+04	-2.555e+04	-9985.27
		266	2.93	26.47	-12.33	24.87	-10.73	7.71	-6575.05	-3.595e+04	-1.594e+04	-2.658e+04	-1.369e+04
		267	2.70	26.56	-12.06	24.95	-10.45	7.71	-5813.79	-3.293e+04	-1.514e+04	-2.361e+04	-1.288e+04
228	11	290	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	467.43
		289	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.93
		266	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		267	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
229	1	291	12.82	173.73	-81.84	164.71	-72.82	47.15	-1.572e+04	-1.337e+05	-4.780e+04	-1.017e+05	-5.250e+04
		290	14.00	173.43	-84.03	164.49	-75.09	47.15	-1.739e+04	-1.465e+05	-4.920e+04	-1.147e+05	-5.563e+04
		267	17.01	167.53	-85.42	158.41	-76.30	47.15	-2.521e+04	-1.779e+05	-8.193e+04	-1.212e+05	-7.380e+04
		268	15.75	168.29	-83.12	159.11	-73.94	47.15	-2.201e+04	-1.637e+05	-7.802e+04	-1.077e+05	-6.927e+04
229	5	291	8.55	115.82	-54.56	109.81	-48.55	31.43	-1.019e+04	-8.914e+04	-3.132e+04	-6.802e+04	-3.495e+04
		290	9.35	115.62	-56.02	109.66	-50.06	31.43	-1.132e+04	-9.773e+04	-3.227e+04	-7.678e+04	-3.703e+04
		267	11.35	111.69	-56.95	105.61	-50.87	31.43	-1.654e+04	-1.187e+05	-5.409e+04	-8.114e+04	-4.926e+04
		268	10.50	112.19	-55.41	106.07	-49.30	31.43	-1.439e+04	-1.091e+05	-5.146e+04	-7.205e+04	-4.624e+04
229	8	291	1.84	23.16	-10.91	21.96	-9.71	6.29	-23.87	-1.804e+04	-2986.37	-1.508e+04	-6677.58
		290	2.06	23.12	-11.20	21.93	-10.01	6.29	-334.25	-2.026e+04	-3274.57	-1.732e+04	-7067.53
		267	2.39	22.34	-11.39	21.12	-10.17	6.29	-1441.55	-2.439e+04	-7639.09	-1.820e+04	-1.019e+04
		268	2.18	22.44	-11.08	21.21	-9.86	6.29	-910.71	-2.199e+04	-7015.16	-1.588e+04	-9559.62
229	11	291	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		290	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	3981.23	-2452.59	423.51
		267	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		268	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94
230	1	292	10.39	147.75	-74.69	140.82	-67.77	38.64	5399.30	-8.446e+04	-1.279e+04	-6.627e+04	-3.610e+04
		291	11.54	147.47	-76.86	140.60	-70.00	38.64	4509.41	-9.455e+04	-1.385e+04	-7.619e+04	-3.849e+04
		268	13.71	141.19	-78.31	134.17	-71.28	38.64	-3996.50	-1.183e+05	-4.076e+04	-8.157e+04	-5.340e+04
		269	12.57	141.93	-76.04	134.85	-68.96	38.64	-1838.76	-1.072e+05	-3.777e+04	-7.127e+04	-4.995e+04
230	5	292	6.95	98.50	-49.80	93.88	-45.18	25.76	3956.75	-5.626e+04	-8006.25	-4.430e+04	-2.403e+04
		291	7.72	98.31	-51.24	93.73	-46.66	25.76	3351.61	-6.305e+04	-8726.16	-5.098e+04	-2.562e+04
		268	9.16	94.13	-52.21	89.44	-47.52	25.76	-2335.28	-7.889e+04	-2.666e+04	-5.456e+04	-3.565e+04
		269	8.39	94.62	-50.69	89.90	-45.97	25.76	-883.65	-7.141e+04	-2.466e+04	-4.763e+04	-3.334e+04
230	8	292	1.58	19.70	-9.96	18.78	-9.04	5.15	3137.28	-1.121e+04	1507.07	-9581.00	-4553.40
		291	1.77	19.66	-10.25	18.75	-9.33	5.15	2943.85	-1.294e+04	1289.46	-1.128e+04	-4851.66
		268	2.00	18.83	-10.44	17.89	-9.50	5.15	1699.39	-1.600e+04	-2298.14	-1.200e+04	-7400.69
		269	1.80	18.92	-10.14	17.98	-9.19	5.15	2065.35	-1.414e+04	-1824.27	-1.025e+04	-6920.36
230	11	292	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		291	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
		268	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		269	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
231	1	293	8.82	124.37	-67.98	119.04	-62.65	31.57	1.762e+04	-5.086e+04	8073.18	-4.132e+04	-2.372e+04
		292	9.82	124.11	-69.97	118.83	-64.69	31.57	1.716e+04	-5.851e+04	7290.31	-4.864e+04	-2.549e+04
		269	11.11	117.94	-71.37	112.52	-65.95	31.57	8572.18	-7.552e+04	-1.404e+04	-5.291e+04	-3.729e+04
		270	10.06	118.61	-69.29	113.15	-63.83	31.57	9985.71	-6.712e+04	-1.184e+04	-4.530e+04	-3.473e+04
231	5	293	5.91	82.91	-45.32	79.36	-41.76	21.04	1.211e+04	-3.386e+04	5833.19	-2.759e+04	-1.578e+04
		292	6.58	82.74	-46.64	79.22	-43.13	21.04	1.179e+04	-3.900e+04	5302.46	-3.252e+04	-1.696e+04
		269	7.44	78.63	-47.58	75.01	-43.97	21.04	6046.42	-5.033e+04	-8919.49	-3.536e+04	-2.489e+04
		270	6.73	79.07	-46.19	75.43	-42.55	21.04	6998.51	-4.468e+04	-7440.63	-3.024e+04	-2.319e+04
231	8	293	1.42	16.58	-9.06	15.87	-8.35	4.21	4705.68	-6614.70	3869.40	-5778.42	-2961.02
		292	1.57	16.55	-9.33	15.84	-8.63	4.21	4582.46	-7901.03	3710.32	-7028.90	-3182.24
		269	1.69	15.73	-9.52	15.00	-8.79	4.21	3328.94	-1.006e+04	865.93	-7597.77	-5187.73
		270	1.53	15.81	-9.24	15.09	-8.51	4.21	3577.07	-8671.81	1214.63	-6309.37	-4832.81
231	11	293	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95
		292	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		269	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		270	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
232	1	294	7.90	104.34	-61.48	100.21	-57.35	25.84	2.351e+04	-2.870e+04	1.874e+04	-2.394e+04	-1.503e+04
		293	8.71	104.11	-63.23	100.02	-59.14	25.84	2.325e+04	-3.432e+04	1.818e+04	-2.925e+04	-1.631e+04
		270	9.27	98.31	-64.54	94.10	-60.33	25.84	1.520e+04	-4.611e+04	1645.13	-3.255e+04	-2.544e+04
		271	8.39	98.89	-62.70	94.65	-58.46	25.84	1.613e+04	-3.992e+04	3244.82	-2.704e+04	-2.358e+04
232	5	294	5.31	69.56	-40.98	66.80	-38.23	17.23	1.599e+04	-1.908e+04	1.287e+04	-1.596e+04	-9994.27
		293	5.85	69.41	-42.16	66.68	-39.43	17.23	1.581e+04	-2.286e+04	1.248e+04	-1.953e+04	-1.085e+04

		270	6.21	65.54	-43.03	62.73	-40.22	17.23	1.043e+04	-3.070e+04	1461.95	-2.173e+04	-1.698e+04
		271	5.62	65.93	-41.80	63.10	-38.97	17.23	1.106e+04	-2.655e+04	2534.58	-1.802e+04	-1.575e+04
232	8	294	1.33	13.91	-8.20	13.36	-7.65	3.45	5208.29	-3591.97	4799.13	-3182.82	-1852.90
		293	1.45	13.88	-8.43	13.34	-7.89	3.45	5126.00	-4522.55	4685.43	-4081.99	-2014.13
		270	1.47	13.11	-8.61	12.55	-8.04	3.45	3967.46	-6009.38	2480.97	-4522.88	-3552.59
		271	1.35	13.19	-8.36	12.62	-7.79	3.45	4136.64	-5000.35	2732.45	-3596.15	-3295.20
232	11	294	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		293	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.65
		270	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	-194.64
		271	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
233	1	295	7.36	86.10	-55.32	82.94	-52.15	20.91	2.435e+04	-1.485e+04	2.222e+04	-1.271e+04	-8893.69
		294	7.97	85.92	-56.82	82.79	-53.69	20.91	2.419e+04	-1.878e+04	2.183e+04	-1.642e+04	-9791.92
		271	7.88	80.65	-57.99	77.42	-54.76	20.91	1.715e+04	-2.647e+04	9551.58	-1.887e+04	-1.655e+04
		272	7.18	81.14	-56.42	77.89	-53.16	20.91	1.776e+04	-2.212e+04	1.067e+04	-1.502e+04	-1.525e+04
233	5	295	4.95	57.40	-36.88	55.29	-34.77	13.94	1.650e+04	-9854.22	1.510e+04	-8453.60	-5911.84
		294	5.36	57.28	-37.88	55.19	-35.79	13.94	1.638e+04	-1.249e+04	1.483e+04	-1.094e+04	-6509.58
		271	5.29	53.76	-38.66	51.61	-36.51	13.94	1.168e+04	-1.761e+04	6648.44	-1.258e+04	-1.105e+04
		272	4.82	54.10	-37.61	51.92	-35.44	13.94	1.209e+04	-1.469e+04	7396.46	-9994.06	-1.019e+04
233	8	295	1.27	11.48	-7.38	11.06	-6.95	2.79	4906.90	-1739.06	4726.97	-1559.12	-1078.65
		294	1.35	11.46	-7.58	11.04	-7.16	2.79	4851.01	-2381.90	4649.02	-2179.91	-1191.72
		271	1.30	10.75	-7.73	10.32	-7.30	2.79	3858.17	-3353.16	3012.27	-2507.26	-2320.46
		272	1.20	10.82	-7.52	10.38	-7.09	2.79	3971.57	-2652.29	3186.50	-1867.21	-2141.00
233	11	295	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		294	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
		271	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		272	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
234	1	296	7.01	70.38	-49.32	67.97	-46.90	16.82	2.226e+04	-6546.03	2.140e+04	-5681.24	-4916.03
		295	7.44	70.23	-50.57	67.84	-48.18	16.82	2.214e+04	-9194.16	2.113e+04	-8187.15	-5526.40
		272	6.87	65.57	-51.60	63.10	-49.13	16.82	1.639e+04	-1.403e+04	1.231e+04	-9952.41	-1.037e+04
		273	6.36	65.98	-50.29	63.49	-47.80	16.82	1.679e+04	-1.108e+04	1.306e+04	-7348.44	-9490.58
234	5	296	4.71	46.92	-32.88	45.31	-31.27	11.22	1.504e+04	-4325.83	1.447e+04	-3758.58	-3265.60
		295	5.00	46.82	-33.71	45.23	-32.12	11.22	1.496e+04	-6103.28	1.429e+04	-5442.31	-3671.83
		272	4.62	43.71	-34.40	42.07	-32.75	11.22	1.111e+04	-9323.94	8410.04	-6619.15	-6925.80
		273	4.28	43.99	-33.53	42.33	-31.87	11.22	1.139e+04	-7341.43	8916.77	-4870.04	-6338.80
234	8	296	1.20	9.38	-6.58	9.06	-6.25	2.24	4209.00	-650.25	4138.11	-579.36	-582.63
		295	1.26	9.36	-6.74	9.05	-6.42	2.24	4170.65	-1079.11	4086.39	-994.85	-659.72
		272	1.16	8.74	-6.88	8.41	-6.55	2.24	3372.54	-1693.21	2909.55	-1230.22	-1459.80
		273	1.09	8.80	-6.71	8.47	-6.37	2.24	3448.07	-1223.08	3026.65	-801.65	-1338.26
234	11	296	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		295	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		272	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		273	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
235	1	297	6.62	56.36	-43.52	54.55	-41.72	13.29	1.830e+04	-2041.27	1.801e+04	-1744.04	-2441.11
		296	6.92	56.23	-44.54	54.45	-42.76	13.29	1.821e+04	-3736.07	1.784e+04	-3362.91	-2837.21
		273	6.07	52.22	-45.42	50.37	-43.57	13.29	1.384e+04	-6618.79	1.179e+04	-4571.16	-6140.39
		274	5.72	52.55	-44.35	50.69	-42.49	13.29	1.411e+04	-4714.17	1.228e+04	-2888.70	-5570.43
235	5	297	4.45	37.57	-29.01	36.37	-27.81	8.86	1.234e+04	-1330.46	1.215e+04	-1135.74	-1619.92
		296	4.65	37.49	-29.70	36.30	-28.51	8.86	1.227e+04	-2467.60	1.203e+04	-2222.88	-1883.57
		273	4.08	34.81	-30.28	33.58	-29.05	8.86	9360.22	-4386.25	8002.34	-3028.37	-4101.49
		274	3.85	35.03	-29.57	33.79	-28.33	8.86	9540.44	-3109.28	8330.00	-1898.84	-3721.11
235	8	297	1.12	7.51	-5.80	7.27	-5.56	1.77	3295.60	-89.30	3272.44	-66.13	-279.07
		296	1.16	7.50	-5.94	7.26	-5.70	1.77	3269.94	-361.06	3239.82	-330.95	-329.30
		273	1.03	6.96	-6.06	6.72	-5.81	1.77	2672.27	-729.99	2434.33	-492.05	-867.71
		274	0.99	7.01	-5.91	6.76	-5.67	1.77	2721.16	-430.58	2509.34	-218.75	-789.14
235	11	297	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		296	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
		273	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		274	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
236	1	298	6.00	43.42	-37.96	42.13	-36.67	10.13	1.333e+04	-47.10	1.325e+04	31.20	-1020.50
		297	6.20	43.32	-38.77	42.05	-37.50	10.13	1.326e+04	-1048.34	1.315e+04	-936.78	-1258.65
		274	5.27	39.97	-39.49	38.66	-38.18	10.13	1.026e+04	-2631.88	9332.66	-1700.69	-3337.86
		275	5.04	40.24	-38.64	38.91	-37.32	10.13	1.043e+04	-1501.09	9625.56	-694.51	-2995.76
236	5	298	4.03	28.94	-25.30	28.09	-24.45	6.76	8973.10	-9.86	8921.94	41.31	-676.03
		297	4.17	28.88	-25.84	28.03	-25.00	6.76	8926.17	-681.36	8853.12	-608.31	-834.57
		274	3.54	26.65	-26.33	25.77	-25.45	6.76	6924.97	-1735.78	6306.77	-1117.58	-2229.77
		275	3.39	26.82	-25.76	25.94	-24.88	6.76	7038.39	-977.98	6502.90	-442.50	-2001.48
236	8	298	0.99	5.79	-5.06	5.62	-4.89	1.35	2304.75	125.35	2299.25	130.85	-109.39
		297	1.02	5.78	-5.17	5.61	-5.00	1.35	2288.77	-33.32	2280.33	-24.88	-139.73
		274	0.88	5.33	-5.27	5.15	-5.09	1.35	1882.47	-238.15	1771.06	-126.73	-473.14
		275	0.86	5.36	-5.15	5.19	-4.98	1.35	1912.13	-62.59	1815.44	34.09	-426.12
236	11	298	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		297	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		274	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		275	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
237	1	299	5.20	32.13	-32.50	31.26	-31.63	7.44	8688.21	619.35	8675.14	632.43	-324.58
		298	5.33	32.06	-33.12	31.20	-32.26	7.44	8643.61	74.13	8619.19	98.55	-456.78
		275	4.44	29.36	-33.69	28.47	-32.80	7.44	6782.37	-733.26	6395.34	-346.22	-1661.02

		276	4.30	29.56	-33.04	28.67	-32.15	7.44	6881.67	-115.65	6557.18	208.84	-1471.47
237	5	299	3.49	21.42	-21.66	20.84	-21.09	4.96	5838.86	426.59	5830.37	435.08	-214.18
		298	3.58	21.37	-22.08	20.80	-21.51	4.96	5808.59	61.13	5792.65	77.07	-302.21
		275	2.98	19.58	-22.46	18.98	-21.87	4.96	4567.33	-476.69	4310.09	-219.45	-1109.66
		276	2.89	19.71	-22.03	19.11	-21.43	4.96	4634.10	-63.01	4418.40	152.69	-983.19
237	8	299	0.84	4.28	-4.33	4.17	-4.22	0.99	1448.31	166.84	1447.62	167.53	-29.60
		298	0.85	4.27	-4.42	4.16	-4.30	0.99	1439.16	81.76	1437.57	83.36	-46.55
		275	0.73	3.92	-4.49	3.80	-4.37	0.99	1188.80	-23.69	1141.05	24.06	-235.83
		276	0.71	3.94	-4.41	3.82	-4.29	0.99	1205.47	70.80	1165.23	111.05	-209.87
237	11	299	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	16.53
		298	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		275	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		276	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	-16.53
238	1	300	4.06	21.87	-27.19	21.35	-26.67	5.02	4709.72	561.00	4709.11	561.62	-50.57
		299	4.15	21.82	-27.64	21.30	-27.12	5.02	4685.80	306.48	4682.85	309.43	-113.56
		276	3.43	19.76	-28.07	19.22	-27.54	5.02	3713.38	-51.11	3574.51	87.76	-709.57
		277	3.35	19.90	-27.60	19.37	-27.06	5.02	3763.57	237.60	3651.14	350.03	-619.49
238	5	300	2.72	14.58	-18.12	14.23	-17.78	3.35	3160.73	381.31	3160.35	381.70	-32.81
		299	2.78	14.54	-18.43	14.20	-18.08	3.35	3144.59	210.85	3142.68	212.76	-74.76
		276	2.30	13.17	-18.72	12.82	-18.36	3.35	2496.19	-27.43	2403.78	64.98	-473.99
		277	2.25	13.27	-18.40	12.91	-18.04	3.35	2529.87	165.80	2455.04	240.63	-413.89
238	8	300	0.63	2.92	-3.62	2.85	-3.56	0.67	757.70	119.89	757.70	119.90	-1.16
		299	0.64	2.91	-3.69	2.84	-3.62	0.67	753.32	81.09	753.19	81.22	-9.29
		276	0.55	2.63	-3.74	2.56	-3.67	0.67	623.07	34.01	605.41	51.67	-100.46
		277	0.54	2.65	-3.68	2.58	-3.61	0.67	631.06	77.27	616.64	91.68	-88.18
238	11	300	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		299	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		276	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		277	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
239	1	301	2.62	12.59	-22.00	12.35	-21.76	2.87	1869.87	272.71	1869.83	272.74	7.48
		300	2.67	12.56	-22.31	12.32	-22.07	2.87	1860.66	182.24	1860.52	182.38	-15.39
		277	2.21	11.11	-22.60	10.87	-22.36	2.87	1482.03	57.27	1440.85	98.45	-238.69
		278	2.16	11.21	-22.29	10.96	-22.04	2.87	1500.89	159.99	1468.41	192.46	-206.12
239	5	301	1.75	8.39	-14.67	8.23	-14.51	1.91	1253.04	184.82	1253.02	184.85	5.21
		300	1.79	8.37	-14.87	8.21	-14.71	1.91	1246.86	124.32	1246.77	124.41	-10.02
		277	1.48	7.41	-15.07	7.24	-14.91	1.91	994.42	41.03	966.99	68.46	-159.37
		278	1.45	7.47	-14.86	7.31	-14.69	1.91	1007.04	109.69	985.41	131.33	-137.64
239	8	301	0.39	1.68	-2.93	1.65	-2.90	0.38	289.44	55.01	289.41	55.04	2.41
		300	0.40	1.67	-2.97	1.64	-2.94	0.38	287.93	41.77	287.93	41.77	-0.58
		277	0.33	1.48	-3.01	1.45	-2.98	0.38	237.33	25.22	231.97	30.58	-33.30
		278	0.33	1.49	-2.97	1.46	-2.94	0.38	240.15	40.07	235.89	44.33	-28.89
239	11	301	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		300	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		277	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		278	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
240	1	35	1.13	4.18	-16.96	4.14	-16.92	0.91	385.87	53.49	385.87	53.49	0.78
		301	1.15	4.16	-17.14	4.12	-17.10	0.91	384.12	35.68	384.07	35.72	-3.83
		278	0.98	3.30	-17.31	3.26	-17.27	0.91	304.77	9.53	296.16	18.14	-49.67
		34	0.95	3.35	-17.13	3.31	-17.09	0.91	308.47	29.79	301.62	36.64	-43.15
240	5	35	0.75	2.79	-11.31	2.76	-11.28	0.61	258.16	36.54	258.16	36.54	0.52
		301	0.77	2.77	-11.43	2.75	-11.40	0.61	256.99	24.67	256.96	24.70	-2.55
		278	0.65	2.20	-11.54	2.17	-11.51	0.61	204.10	7.24	198.36	12.97	-33.12
		34	0.64	2.23	-11.42	2.21	-11.39	0.61	206.56	20.74	202.00	25.31	-28.77
240	8	35	0.16	0.56	-2.26	0.55	-2.26	0.12	57.14	12.59	57.14	12.59	0.12
		301	0.16	0.55	-2.29	0.55	-2.28	0.12	56.90	10.20	56.90	10.21	-0.50
		278	0.13	0.44	-2.31	0.43	-2.30	0.12	46.32	6.72	45.18	7.86	-6.64
		34	0.13	0.45	-2.28	0.44	-2.28	0.12	46.82	9.43	45.91	10.34	-5.77
240	11	35	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		301	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		278	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		34	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
241	1	304	10.45	-6.06	-9.56	-9.55	-6.07	-0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	2.074e+04
		1	10.45	-6.06	-9.56	-9.55	-6.07	-0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	2.074e+04
		281	10.45	-6.06	-9.56	-9.55	-6.07	-0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	2.074e+04
241	5	304	7.11	-4.04	-6.37	-6.37	-4.05	-0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	1.382e+04
		1	7.11	-4.04	-6.37	-6.37	-4.05	-0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	1.382e+04
		281	7.11	-4.04	-6.37	-6.37	-4.05	-0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	1.382e+04
241	8	304	2.34	-0.81	-1.27	-1.27	-0.81	-0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	2764.89
		1	2.34	-0.81	-1.27	-1.27	-0.81	-0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	2764.89
		281	2.34	-0.81	-1.27	-1.27	-0.81	-0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	2764.89
241	11	304	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-5.25e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-5.25e-05
		281	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-5.25e-05
242	1	305	24.45	-16.29	-23.38	-23.02	-16.64	-1.54	-4.191e+05	-7.495e+05	-7.290e+05	-4.395e+05	-7.961e+04
		304	23.44	-9.97	-22.27	-22.07	-10.16	-1.54	-2.538e+05	-7.107e+05	-7.028e+05	-2.616e+05	-5.935e+04
		281	21.70	-9.63	-20.72	-20.50	-9.85	-1.54	-2.523e+05	-6.606e+05	-6.598e+05	-2.530e+05	-1.769e+04
		282	23.46	-16.08	-22.56	-22.17	-16.47	-1.54	-4.233e+05	-7.170e+05	-7.055e+05	-4.348e+05	-5.688e+04

242	5	305	16.45	-10.86	-15.58	-15.35	-11.10	-1.03-2.839e+05-5.042e+05-4.906e+05-2.975e+05-5.308e+04
		304	15.76	-6.65	-14.84	-14.71	-6.78	-1.03-1.737e+05-4.784e+05-4.731e+05-1.789e+05-3.957e+04
		281	14.60	-6.42	-13.81	-13.67	-6.57	-1.03-1.727e+05-4.449e+05-4.444e+05-1.732e+05-1.179e+04
		282	15.80	-10.72	-15.04	-14.78	-10.98	-1.03-2.868e+05-4.826e+05-4.749e+05-2.944e+05-3.792e+04
242	8	305	4.24	-2.17	-3.12	-3.07	-2.22	-0.21-8.404e+04-1.283e+05-1.256e+05-8.675e+04-1.063e+04
		304	4.00	-1.33	-2.97	-2.94	-1.36	-0.21-6.174e+04-1.231e+05-1.221e+05-6.279e+04 -7942.95
		281	3.79	-1.28	-2.76	-2.73	-1.31	-0.21-6.154e+04-1.164e+05-1.163e+05-6.164e+04 -2328.74
		282	4.12	-2.14	-3.01	-2.96	-2.20	-0.21-8.462e+04-1.240e+05-1.225e+05-8.613e+04 -7568.47
242	11	305	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04 -19.34
		304	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04 -35.46
		281	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04 35.46
		282	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04 19.34
243	1	306	37.28	-24.39	-36.56	-35.97	-24.99	-2.62-6.262e+05-1.144e+06-1.112e+06-6.583e+05-1.247e+05
		305	36.17	-18.60	-35.51	-35.09	-19.02	-2.62-4.901e+05-1.109e+06-1.090e+06-5.095e+05-1.078e+05
		282	33.97	-18.14	-33.45	-32.99	-18.60	-2.62-4.931e+05-1.043e+06-1.037e+06-4.990e+05-5.710e+04
		283	35.75	-24.04	-35.18	-34.52	-24.70	-2.62-6.328e+05-1.094e+06-1.076e+06-6.511e+05-8.984e+04
243	5	306	25.01	-16.26	-24.38	-23.98	-16.66	-1.75-4.221e+05-7.671e+05-7.458e+05-4.435e+05-8.314e+04
		305	24.26	-12.40	-23.67	-23.40	-12.68	-1.75-3.313e+05-7.441e+05-7.312e+05-3.442e+05-7.187e+04
		282	22.80	-12.09	-22.30	-21.99	-12.40	-1.75-3.333e+05-7.003e+05-6.963e+05-3.373e+05-3.806e+04
		283	23.99	-16.03	-23.45	-23.02	-16.46	-1.75-4.265e+05-7.340e+05-7.218e+05-4.387e+05-5.989e+04
243	8	306	5.97	-3.25	-4.88	-4.80	-3.33	-0.35-1.122e+05-1.819e+05-1.776e+05-1.165e+05-1.667e+04
		305	5.77	-2.48	-4.73	-4.68	-2.54	-0.35-9.370e+04-1.772e+05-1.746e+05-9.628e+04-1.444e+04
		282	5.49	-2.42	-4.46	-4.40	-2.48	-0.35-9.411e+04-1.684e+05-1.676e+05-9.489e+04 -7549.70
		283	5.78	-3.21	-4.69	-4.60	-3.29	-0.35-1.131e+05-1.752e+05-1.728e+05-1.155e+05-1.194e+04
243	11	306	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 -53.17
		305	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 -77.33
		282	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 77.33
		283	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 53.17
244	1	307	51.17	-32.66	-50.02	-49.24	-33.44	-3.59-8.510e+05-1.570e+06-1.529e+06-8.929e+05-1.684e+05
		306	49.98	-26.86	-48.96	-48.36	-27.46	-3.59-7.089e+05-1.534e+06-1.506e+06-7.374e+05-1.507e+05
		283	46.97	-26.24	-46.26	-45.59	-26.91	-3.59-7.139e+05-1.443e+06-1.434e+06-7.231e+05-8.121e+04
		284	48.86	-32.15	-47.99	-47.13	-33.02	-3.59-8.603e+05-1.496e+06-1.474e+06-8.820e+05-1.154e+05
244	5	307	34.28	-21.77	-33.34	-32.83	-22.29	-2.40-5.721e+05-1.052e+06-1.024e+06-6.000e+05-1.123e+05
		306	33.47	-17.91	-32.64	-32.24	-18.31	-2.40-4.773e+05-1.028e+06-1.009e+06-4.963e+05-1.005e+05
		283	31.47	-17.50	-30.84	-30.40	-17.94	-2.40-4.806e+05-9.670e+05-9.609e+05-4.867e+05-5.412e+04
		284	32.74	-21.44	-31.99	-31.42	-22.01	-2.40-5.783e+05-1.002e+06-9.876e+05-5.927e+05-7.692e+04
244	8	307	7.86	-4.35	-6.67	-6.57	-4.46	-0.48-1.430e+05-2.401e+05-2.346e+05-1.486e+05-2.253e+04
		306	7.66	-3.58	-6.53	-6.45	-3.66	-0.48-1.235e+05-2.352e+05-2.314e+05-1.273e+05-2.021e+04
		283	7.27	-3.50	-6.17	-6.08	-3.59	-0.48-1.242e+05-2.231e+05-2.219e+05-1.254e+05-1.072e+04
		284	7.57	-4.29	-6.40	-6.28	-4.40	-0.48-1.443e+05-2.301e+05-2.273e+05-1.471e+05-1.530e+04
244	11	307	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 -103.43
		306	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 -135.75
		283	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 135.75
		284	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 103.43
245	1	302	65.79	-41.00	-63.55	-62.60	-41.96	-4.54-1.093e+06-2.019e+06-1.968e+06-1.144e+06-2.111e+05
		307	64.48	-35.16	-62.49	-61.71	-35.93	-4.54-9.396e+05-1.981e+06-1.944e+06-9.764e+05-1.921e+05
		284	60.51	-34.38	-59.12	-58.26	-35.24	-4.54-9.464e+05-1.859e+06-1.848e+06-9.573e+05-9.933e+04
		279	62.57	-40.34	-60.87	-59.81	-41.40	-4.54-1.105e+06-1.915e+06-1.891e+06-1.129e+06-1.362e+05
245	5	302	44.04	-27.33	-42.37	-41.73	-27.97	-3.03-7.336e+05-1.352e+06-1.318e+06-7.676e+05-1.408e+05
		307	43.16	-23.44	-41.66	-41.14	-23.96	-3.03-6.312e+05-1.326e+06-1.301e+06-6.557e+05-1.281e+05
		284	40.51	-22.92	-39.41	-38.84	-23.50	-3.03-6.357e+05-1.245e+06-1.237e+06-6.430e+05-6.619e+04
		279	41.89	-26.89	-40.58	-39.87	-27.60	-3.03-7.416e+05-1.282e+06-1.266e+06-7.573e+05-9.075e+04
245	8	302	9.87	-5.47	-8.47	-8.35	-5.59	-0.61-1.763e+05-3.018e+05-2.951e+05-1.830e+05-2.829e+04
		307	9.65	-4.69	-8.33	-8.23	-4.79	-0.61-1.552e+05-2.965e+05-2.916e+05-1.600e+05-2.579e+04
		284	9.14	-4.58	-7.88	-7.77	-4.70	-0.61-1.561e+05-2.803e+05-2.789e+05-1.575e+05-1.307e+04
		279	9.45	-5.38	-8.12	-7.97	-5.52	-0.61-1.779e+05-2.878e+05-2.848e+05-1.810e+05-1.801e+04
245	11	302	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 -169.34
		307	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 -209.66
		284	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 209.66
		279	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 169.34
246	1	303	63.20	509.70	-96.69	444.27	-31.26	188.13-1.121e+06-1.905e+06-1.840e+06-1.186e+06-2.154e+05
		302	62.47	532.59	-14.87	457.70	60.02	188.13-1.057e+06-1.885e+06-1.830e+06-1.113e+06-2.070e+05
		279	60.01	600.54	7.76	533.18	75.12	188.13-1.069e+06-1.800e+06-1.769e+06-1.101e+06-1.486e+05
		280	61.08	569.88	-78.36	509.69	-18.18	188.13-1.134e+06-1.829e+06-1.788e+06-1.175e+06-1.648e+05
246	5	303	42.29	339.80	-64.46	296.18	-20.84	125.42-7.523e+05-1.274e+06-1.231e+06-7.953e+05-1.436e+05
		302	41.79	355.06	-9.92	305.13	40.01	125.42-7.097e+05-1.261e+06-1.224e+06-7.466e+05-1.380e+05
		279	40.16	400.36	5.17	355.46	50.08	125.42-7.175e+05-1.205e+06-1.184e+06-7.385e+05-9.910e+04
		280	40.87	379.92	-52.24	339.80	-12.12	125.42-7.605e+05-1.224e+06-1.196e+06-7.882e+05-1.099e+05
246	8	303	9.38	67.96	-12.89	59.24	-4.17	25.08-1.785e+05-2.814e+05-2.727e+05-1.872e+05-2.860e+04
		302	9.27	71.01	-1.98	61.03	8.00	25.08-1.703e+05-2.788e+05-2.713e+05-1.778e+05-2.746e+04
		279	8.96	80.07	1.03	71.09	10.02	25.08-1.718e+05-2.676e+05-2.632e+05-1.762e+05-1.995e+04
		280	9.11	75.98	-10.45	67.96	-2.42	25.08-1.801e+05-2.713e+05-2.656e+05-1.858e+05-2.209e+04
246	11	303	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 141.54
		302	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 163.31
		279	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 -163.31
		280	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 -141.54
247	1	308	57.94	463.89	-103.04	429.95	-69.09	134.50-7.514e+05-1.337e+06-1.275e+06-8.138e+05-1.806e+05

		303	57.80	474.37	-54.06	437.57	-17.26	134.50	-7.414e+05	-1.333e+06	-1.273e+06	-8.017e+05	-1.791e+05
		280	57.30	512.27	-43.95	477.58	-9.26	134.50	-7.440e+05	-1.319e+06	-1.263e+06	-7.998e+05	-1.701e+05
		285	57.51	496.61	-94.61	464.24	-62.24	134.50	-7.537e+05	-1.325e+06	-1.266e+06	-8.121e+05	-1.729e+05
247	5	308	38.74	309.26	-68.69	286.63	-46.06	89.67	-5.039e+05	-8.941e+05	-8.525e+05	-5.455e+05	-1.204e+05
		303	38.65	316.25	-36.04	291.72	-11.51	89.67	-4.973e+05	-8.916e+05	-8.513e+05	-5.376e+05	-1.194e+05
		280	38.32	341.51	-29.30	318.39	-6.17	89.67	-4.990e+05	-8.820e+05	-8.447e+05	-5.363e+05	-1.135e+05
		285	38.46	331.08	-63.07	309.50	-41.49	89.67	-5.054e+05	-8.858e+05	-8.468e+05	-5.444e+05	-1.153e+05
247	8	308	8.46	61.85	-13.74	57.33	-9.21	17.93	-1.186e+05	-1.946e+05	-1.862e+05	-1.271e+05	-2.393e+04
		303	8.44	63.25	-7.21	58.34	-2.30	17.93	-1.177e+05	-1.943e+05	-1.860e+05	-1.260e+05	-2.370e+04
		280	8.39	68.30	-5.86	63.68	-1.23	17.93	-1.179e+05	-1.925e+05	-1.847e+05	-1.257e+05	-2.287e+04
		285	8.41	66.22	-12.61	61.90	-8.30	17.93	-1.187e+05	-1.932e+05	-1.850e+05	-1.268e+05	-2.321e+04
247	11	308	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		303	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
		280	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		285	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
248	1	309	44.37	408.82	-107.77	389.92	-88.87	96.98	-5.574e+05	-9.173e+05	-8.488e+05	-6.258e+05	-1.412e+05
		308	44.86	412.56	-87.58	392.98	-68.01	96.98	-5.737e+05	-9.260e+05	-8.521e+05	-6.477e+05	-1.435e+05
		285	46.16	430.40	-83.34	411.39	-64.33	96.98	-5.651e+05	-9.560e+05	-8.699e+05	-6.512e+05	-1.620e+05
		286	45.52	424.46	-104.09	406.02	-85.65	96.98	-5.500e+05	-9.433e+05	-8.644e+05	-6.289e+05	-1.575e+05
248	5	309	29.65	272.54	-71.85	259.94	-59.25	64.66	-3.736e+05	-6.129e+05	-5.671e+05	-4.194e+05	-9.410e+04
		308	29.98	275.04	-58.39	261.99	-45.34	64.66	-3.847e+05	-6.188e+05	-5.693e+05	-4.341e+05	-9.557e+04
		285	30.86	286.93	-55.56	274.26	-42.89	64.66	-3.788e+05	-6.389e+05	-5.812e+05	-4.365e+05	-1.081e+05
		286	30.42	282.97	-69.39	270.68	-57.10	64.66	-3.686e+05	-6.303e+05	-5.775e+05	-4.215e+05	-1.051e+05
248	8	309	6.38	54.51	-14.37	51.99	-11.85	12.93	-8.703e+04	-1.309e+05	-1.209e+05	-9.707e+04	-1.844e+04
		308	6.48	55.01	-11.68	52.40	-9.07	12.93	-8.998e+04	-1.326e+05	-1.215e+05	-1.010e+05	-1.868e+04
		285	6.66	57.39	-11.11	54.85	-8.58	12.93	-8.798e+04	-1.374e+05	-1.239e+05	-1.015e+05	-2.205e+04
		286	6.54	56.59	-13.88	54.14	-11.42	12.93	-8.533e+04	-1.351e+05	-1.230e+05	-9.749e+04	-2.139e+04
248	11	309	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.69
		308	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	537.94
		285	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	-537.94
		286	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	-470.70
249	1	310	34.20	354.76	-108.15	342.97	-96.35	72.95	-3.994e+05	-6.313e+05	-5.596e+05	-4.711e+05	-1.072e+05
		309	35.07	356.02	-100.90	344.06	-88.93	72.95	-4.176e+05	-6.470e+05	-5.641e+05	-5.006e+05	-1.102e+05
		286	37.27	363.23	-99.27	351.42	-87.46	72.95	-4.039e+05	-6.937e+05	-5.915e+05	-5.061e+05	-1.385e+05
		287	36.18	361.17	-106.71	349.51	-95.04	72.95	-3.872e+05	-6.729e+05	-5.841e+05	-4.760e+05	-1.323e+05
249	5	310	22.84	236.51	-72.10	228.64	-64.23	48.64	-2.675e+05	-4.216e+05	-3.735e+05	-3.156e+05	-7.137e+04
		309	23.43	237.35	-67.26	229.37	-59.29	48.64	-2.797e+05	-4.322e+05	-3.765e+05	-3.355e+05	-7.340e+04
		286	24.90	242.15	-66.18	234.28	-58.31	48.64	-2.705e+05	-4.634e+05	-3.948e+05	-3.391e+05	-9.239e+04
		287	24.16	240.78	-71.14	233.01	-63.36	48.64	-2.592e+05	-4.494e+05	-3.898e+05	-3.189e+05	-8.824e+04
249	8	310	4.84	47.30	-14.42	45.73	-12.85	9.73	-6.079e+04	-8.879e+04	-7.708e+04	-7.250e+04	-1.381e+04
		309	5.01	47.47	-13.45	45.87	-11.86	9.73	-6.356e+04	-9.189e+04	-7.790e+04	-7.756e+04	-1.416e+04
		286	5.32	48.43	-13.24	46.86	-11.66	9.73	-6.086e+04	-9.899e+04	-8.156e+04	-7.829e+04	-1.900e+04
		287	5.12	48.16	-14.23	46.60	-12.67	9.73	-5.828e+04	-9.520e+04	-8.034e+04	-7.315e+04	-1.811e+04
249	11	310	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		309	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-3237.55	-1.307e+04	647.42
		286	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.54	-1.307e+04	-647.41
		287	0.64	0.0	0.0	0.0	0.0	0.0	-2926.62	-1.174e+04	-2964.34	-1.171e+04	-575.48
250	1	311	26.44	306.81	-105.19	298.82	-97.21	56.80	-2.746e+05	-4.356e+05	-3.632e+05	-3.470e+05	-8.009e+04
		310	27.52	307.04	-103.80	299.03	-95.79	56.80	-2.882e+05	-4.544e+05	-3.674e+05	-3.752e+05	-8.304e+04
		287	30.13	308.58	-103.46	300.59	-95.47	56.80	-2.756e+05	-5.021e+05	-3.967e+05	-3.810e+05	-1.130e+05
		288	28.85	308.19	-104.89	300.23	-96.92	56.80	-2.623e+05	-4.796e+05	-3.895e+05	-3.523e+05	-1.070e+05
250	5	311	17.65	204.54	-70.13	199.21	-64.80	37.86	-1.837e+05	-2.907e+05	-2.420e+05	-2.324e+05	-5.331e+04
		310	18.38	204.69	-69.20	199.35	-63.86	37.86	-1.927e+05	-3.035e+05	-2.449e+05	-2.513e+05	-5.527e+04
		287	20.12	205.72	-68.97	200.40	-63.65	37.86	-1.843e+05	-3.354e+05	-2.644e+05	-2.552e+05	-7.541e+04
		288	19.26	205.46	-69.93	200.15	-64.62	37.86	-1.753e+05	-3.202e+05	-2.596e+05	-2.359e+05	-7.144e+04
250	8	311	3.69	40.91	-14.03	39.84	-12.96	7.57	-3.981e+04	-6.084e+04	-4.777e+04	-5.289e+04	-1.020e+04
		310	3.89	40.94	-13.84	39.87	-12.77	7.57	-4.161e+04	-6.457e+04	-4.853e+04	-5.765e+04	-1.054e+04
		287	4.26	41.14	-13.79	40.08	-12.73	7.57	-3.955e+04	-7.132e+04	-5.243e+04	-5.843e+04	-1.560e+04
		288	4.03	41.09	-13.99	40.03	-12.92	7.57	-3.764e+04	-6.723e+04	-5.128e+04	-5.359e+04	-1.475e+04
250	11	311	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		310	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.55	644.36
		287	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	567.42	-9221.55	-644.38
		288	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	812.14	-7997.92	-579.94
251	1	312	20.25	264.32	-100.35	258.63	-94.66	45.19	-1.780e+05	-2.975e+05	-2.257e+05	-2.498e+05	-5.853e+04
		311	21.44	264.12	-101.58	258.44	-95.91	45.19	-1.866e+05	-3.166e+05	-2.293e+05	-2.739e+05	-6.106e+04
		288	24.18	262.62	-101.91	256.93	-96.22	45.19	-1.782e+05	-3.581e+05	-2.569e+05	-2.794e+05	-8.924e+04
		289	22.84	262.95	-100.64	257.25	-94.94	45.19	-1.687e+05	-3.370e+05	-2.508e+05	-2.548e+05	-8.415e+04
251	5	312	13.51	176.21	-66.90	172.42	-63.11	30.12	-1.188e+05	-1.986e+05	-1.501e+05	-1.672e+05	-3.895e+04
		311	14.31	176.08	-67.72	172.30	-63.94	30.12	-1.245e+05	-2.114e+05	-1.525e+05	-1.834e+05	-4.063e+04
		288	16.14	175.08	-67.94	171.28	-64.14	30.12	-1.189e+05	-2.391e+05	-1.709e+05	-1.871e+05	-5.957e+04
		289	15.24	175.30	-67.09	171.50	-63.29	30.12	-1.125e+05	-2.249e+05	-1.668e+05	-1.706e+05	-5.617e+04
251	8	312	2.79	35.24	-13.38	34.48	-12.62	6.02	-2.379e+04	-4.155e+04	-2.770e+04	-3.763e+04	-7361.88
		311	3.02	35.22	-13.54	34.46	-12.79	6.02	-2.487e+04	-4.517e+04	-2.835e+04	-4.168e+04	-7654.84
		288	3.40	35.02	-13.59	34.26	-12.83	6.02	-2.379e+04	-5.065e+04	-3.203e+04	-4.242e+04	-1.238e+04
		289	3.15	35.06	-13.42	34.30	-12.66	6.02	-2.246e+04	-4.689e+04	-3.104e+04	-3.830e+04	-1.166e+04
251	11	312	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		311	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.07

		288	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	2708.75	-6240.14	-589.07
		289	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
252	1	313	15.29	226.13	-94.63	221.95	-90.46	36.35	-1.050e+05	-1.999e+05	-1.292e+05	-1.757e+05	-4.138e+04
		312	16.52	225.76	-96.95	221.61	-92.80	36.35	-1.099e+05	-2.172e+05	-1.321e+05	-1.951e+05	-4.343e+04
		289	19.19	222.69	-97.60	218.51	-93.42	36.35	-1.066e+05	-2.497e+05	-1.564e+05	-2.000e+05	-6.819e+04
		290	17.85	223.32	-95.23	219.11	-91.03	36.35	-1.001e+05	-2.315e+05	-1.514e+05	-1.802e+05	-6.409e+04
252	5	313	10.20	150.75	-63.09	147.97	-60.31	24.24	-6.976e+04	-1.334e+05	-8.560e+04	-1.176e+05	-2.753e+04
		312	11.03	150.50	-64.63	147.74	-61.87	24.24	-7.307e+04	-1.451e+05	-8.756e+04	-1.306e+05	-2.888e+04
		289	12.81	148.46	-65.07	145.67	-62.28	24.24	-7.084e+04	-1.667e+05	-1.037e+05	-1.338e+05	-4.553e+04
		290	11.91	148.88	-63.49	146.07	-60.69	24.24	-6.653e+04	-1.544e+05	-1.004e+05	-1.205e+05	-4.279e+04
252	8	313	2.15	30.15	-12.62	29.59	-12.06	4.85	-1.215e+04	-2.800e+04	-1.404e+04	-2.611e+04	-5131.72
		312	2.40	30.10	-12.93	29.55	-12.37	4.85	-1.282e+04	-3.110e+04	-1.456e+04	-2.936e+04	-5368.66
		289	2.72	29.69	-13.01	29.13	-12.46	4.85	-1.260e+04	-3.521e+04	-1.779e+04	-3.001e+04	-9513.23
		290	2.46	29.78	-12.70	29.21	-12.14	4.85	-1.169e+04	-3.202e+04	-1.700e+04	-2.670e+04	-8930.91
252	11	313	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		312	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
		289	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.93
		290	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
253	1	314	11.76	193.47	-88.26	190.31	-85.10	29.64	-5.247e+04	-1.318e+05	-6.465e+04	-1.196e+05	-2.860e+04
		313	13.12	193.05	-90.89	189.92	-87.77	29.64	-5.543e+04	-1.463e+05	-6.692e+04	-1.348e+05	-3.019e+04
		290	15.20	189.27	-91.69	186.10	-88.53	29.64	-5.594e+04	-1.705e+05	-8.750e+04	-1.389e+05	-5.117e+04
		291	13.89	189.97	-88.99	186.79	-85.81	29.64	-5.161e+04	-1.554e+05	-8.364e+04	-1.234e+05	-4.796e+04
253	5	314	7.86	128.98	-58.84	126.87	-56.74	19.76	-3.459e+04	-8.795e+04	-4.255e+04	-7.999e+04	-1.901e+04
		313	8.77	128.70	-60.60	126.61	-58.51	19.76	-3.657e+04	-9.770e+04	-4.408e+04	-9.018e+04	-2.007e+04
		290	10.16	126.18	-61.13	124.07	-59.02	19.76	-3.694e+04	-1.138e+05	-5.780e+04	-9.292e+04	-3.417e+04
		291	9.26	126.65	-59.33	124.53	-57.21	19.76	-3.406e+04	-1.037e+05	-5.521e+04	-8.252e+04	-3.202e+04
253	8	314	1.74	25.80	-11.77	25.37	-11.35	3.95	-4307.33	-1.840e+04	-5232.57	-1.747e+04	-3489.77
		313	1.97	25.74	-12.12	25.32	-11.70	3.95	-4751.78	-2.089e+04	-5637.79	-2.000e+04	-3675.91
		290	2.23	25.24	-12.23	24.81	-11.80	3.95	-5060.50	-2.387e+04	-8381.46	-2.055e+04	-7172.45
		291	1.99	25.33	-11.87	24.91	-11.44	3.95	-4433.37	-2.131e+04	-7765.19	-1.798e+04	-6717.35
253	11	314	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		313	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
		290	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.51
		291	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
254	1	315	9.46	164.81	-81.65	162.39	-79.24	24.29	-1.655e+04	-8.420e+04	-2.242e+04	-7.833e+04	-1.905e+04
		314	10.73	164.40	-84.25	162.01	-81.86	24.29	-1.841e+04	-9.563e+04	-2.416e+04	-8.988e+04	-2.027e+04
		291	12.36	160.39	-85.09	157.96	-82.67	24.29	-2.149e+04	-1.128e+05	-4.107e+04	-9.327e+04	-3.749e+04
		292	11.07	161.08	-82.44	158.64	-79.99	24.29	-1.860e+04	-1.010e+05	-3.813e+04	-8.147e+04	-3.504e+04
254	5	315	6.34	109.87	-54.44	108.26	-52.82	16.19	-1.059e+04	-5.618e+04	-1.443e+04	-5.234e+04	-1.266e+04
		314	7.19	109.60	-56.17	108.01	-54.57	16.19	-1.184e+04	-6.386e+04	-1.560e+04	-6.010e+04	-1.347e+04
		291	8.27	106.93	-56.73	105.31	-55.11	16.19	-1.393e+04	-7.530e+04	-2.687e+04	-6.236e+04	-2.504e+04
		292	7.40	107.39	-54.96	105.76	-53.33	16.19	-1.200e+04	-6.734e+04	-2.490e+04	-5.443e+04	-2.340e+04
254	8	315	1.49	21.97	-10.89	21.65	-10.56	3.24	660.85	-1.163e+04	222.13	-1.119e+04	-2280.03
		314	1.69	21.92	-11.23	21.60	-10.91	3.24	351.24	-1.355e+04	-84.80	-1.311e+04	-2422.72
		291	1.87	21.39	-11.35	21.06	-11.02	3.24	-246.61	-1.565e+04	-2340.07	-1.356e+04	-5279.44
		292	1.66	21.48	-10.99	21.15	-10.67	3.24	190.37	-1.367e+04	-1872.05	-1.161e+04	-4932.69
254	11	315	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	315.18
		314	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
		291	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		292	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
255	1	316	8.19	138.90	-75.13	137.04	-73.27	19.84	5958.11	-5.173e+04	3338.21	-4.911e+04	-1.201e+04
		315	9.27	138.53	-77.51	136.69	-75.67	19.84	4733.51	-6.033e+04	2059.63	-5.765e+04	-1.292e+04
		292	10.29	134.59	-78.33	132.72	-76.46	19.84	276.03	-7.196e+04	-1.135e+04	-6.033e+04	-2.655e+04
		293	9.18	135.22	-75.89	133.34	-74.01	19.84	2191.10	-6.299e+04	-9178.11	-5.162e+04	-2.473e+04
255	5	316	5.50	92.60	-50.08	91.36	-48.85	13.23	4387.61	-3.450e+04	2676.55	-3.279e+04	-7975.33
		315	6.22	92.35	-51.67	91.13	-50.45	13.23	3562.76	-4.027e+04	1815.34	-3.852e+04	-8575.54
		292	6.90	89.73	-52.22	88.48	-50.98	13.23	567.27	-4.800e+04	-7124.89	-4.031e+04	-1.773e+04
		293	6.15	90.15	-50.60	88.89	-49.34	13.23	1850.93	-4.197e+04	-5667.67	-3.445e+04	-1.652e+04
255	8	316	1.37	18.52	-10.02	18.27	-9.77	2.65	3429.32	-7009.52	3238.07	-6818.27	-1399.96
		315	1.53	18.47	-10.33	18.23	-10.09	2.65	3211.15	-8428.45	3012.90	-8230.20	-1506.07
		292	1.63	17.95	-10.44	17.70	-10.20	2.65	2497.19	-9860.14	1224.85	-8587.81	-3755.50
		293	1.46	18.03	-10.12	17.78	-9.87	2.65	2799.76	-8382.58	1569.22	-7152.04	-3499.44
255	11	316	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.05	-322.85	243.95
		315	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		292	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		293	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.94
256	1	317	7.62	116.64	-68.52	115.20	-67.08	16.25	1.818e+04	-2.981e+04	1.708e+04	-2.871e+04	-7193.73
		316	8.48	116.31	-70.61	114.89	-69.19	16.25	1.733e+04	-3.608e+04	1.615e+04	-3.490e+04	-7851.07
		293	8.91	112.61	-71.38	111.16	-69.94	16.25	1.258e+04	-4.381e+04	5756.84	-3.698e+04	-1.839e+04
		294	8.00	113.17	-69.24	111.71	-67.78	16.25	1.388e+04	-3.721e+04	7332.96	-3.066e+04	-1.708e+04
256	5	317	5.13	77.76	-45.68	76.80	-44.72	10.83	1.248e+04	-1.986e+04	1.176e+04	-1.914e+04	-4771.49
		316	5.70	77.54	-47.08	76.59	-46.13	10.83	1.190e+04	-2.407e+04	1.113e+04	-2.330e+04	-5208.09
		293	5.98	75.07	-47.59	74.11	-46.62	10.83	8723.70	-2.920e+04	4203.10	-2.468e+04	-1.229e+04
		294	5.37	75.44	-46.16	74.47	-45.19	10.83	9594.74	-2.477e+04	5260.00	-2.044e+04	-1.141e+04
256	8	317	1.32	15.55	-9.14	15.36	-8.94	2.17	4653.82	-3896.49	4576.71	-3819.37	-808.34
		316	1.45	15.51	-9.42	15.32	-9.23	2.17	4499.06	-4919.93	4414.98	-4835.85	-885.94
		293	1.47	15.01	-9.52	14.82	-9.32	2.17	3795.86	-5879.68	3029.20	-5113.01	-2613.46

		294	1.34	15.09	-9.23	14.89	-9.04	2.17	4006.55	-4808.22	3277.53	-4079.20	-2427.90
256	11	317	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		316	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.64
		293	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.64
		294	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
257	1	318	7.44	96.33	-62.10	95.23	-61.00	13.15	2.272e+04	-1.586e+04	2.232e+04	-1.546e+04	-3914.38
		317	8.07	96.06	-63.89	94.97	-62.81	13.15	2.213e+04	-2.024e+04	2.168e+04	-1.978e+04	-4374.25
		294	8.01	92.70	-64.59	91.59	-63.48	13.15	1.776e+04	-2.512e+04	1.396e+04	-2.132e+04	-1.218e+04
		295	7.32	93.17	-62.76	92.06	-61.64	13.15	1.863e+04	-2.049e+04	1.506e+04	-1.691e+04	-1.127e+04
257	5	318	5.01	64.22	-41.40	63.49	-40.67	8.76	1.543e+04	-1.055e+04	1.517e+04	-1.029e+04	-2592.30
		317	5.43	64.04	-42.60	63.31	-41.87	8.76	1.503e+04	-1.348e+04	1.473e+04	-1.318e+04	-2897.80
		294	5.38	61.80	-43.06	61.06	-42.32	8.76	1.211e+04	-1.673e+04	9587.26	-1.421e+04	-8141.41
		295	4.92	62.11	-41.84	61.37	-41.09	8.76	1.269e+04	-1.362e+04	1.032e+04	-1.125e+04	-7527.46
257	8	318	1.29	12.84	-8.28	12.70	-8.13	1.75	4766.14	-1951.29	4740.44	-1925.58	-414.74
		317	1.38	12.81	-8.52	12.66	-8.37	1.75	4659.17	-2658.58	4628.94	-2628.35	-469.36
		294	1.35	12.36	-8.61	12.21	-8.46	1.75	4039.72	-3273.81	3600.04	-2834.13	-1738.48
		295	1.25	12.42	-8.37	12.27	-8.22	1.75	4182.96	-2530.15	3772.06	-2119.26	-1609.21
257	11	318	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		317	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	2105.44	12.63	137.76
		294	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		295	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
258	1	319	7.34	78.79	-55.70	77.95	-54.86	10.58	2.247e+04	-7230.36	2.235e+04	-7110.45	-1883.45
		318	7.78	78.56	-57.19	77.73	-56.36	10.58	2.207e+04	-1.018e+04	2.192e+04	-1.003e+04	-2196.15
		295	7.39	75.59	-57.80	74.75	-56.96	10.58	1.842e+04	-1.320e+04	1.637e+04	-1.114e+04	-7796.78
		296	6.90	75.99	-56.28	75.14	-55.42	10.58	1.901e+04	-1.005e+04	1.711e+04	-8158.50	-7172.94
258	5	319	4.94	52.52	-37.13	51.97	-36.57	7.05	1.519e+04	-4789.14	1.511e+04	-4711.39	-1243.88
		318	5.23	52.37	-38.13	51.82	-37.58	7.05	1.491e+04	-6771.07	1.482e+04	-6673.45	-1451.66
		295	4.97	50.40	-38.54	49.83	-37.97	7.05	1.248e+04	-8777.80	1.112e+04	-7413.25	-5210.30
		296	4.64	50.66	-37.52	50.09	-36.95	7.05	1.287e+04	-6666.97	1.162e+04	-5410.08	-4793.71
258	8	319	1.26	10.50	-7.43	10.39	-7.31	1.41	4271.50	-776.23	4265.20	-769.92	-178.28
		318	1.32	10.47	-7.63	10.36	-7.52	1.41	4199.24	-1249.63	4190.69	-1241.08	-215.69
		295	1.25	10.08	-7.71	9.97	-7.59	1.41	3696.12	-1634.27	3450.90	-1389.04	-1116.70
		296	1.19	10.13	-7.50	10.02	-7.39	1.41	3791.82	-1134.98	3566.50	-909.66	-1029.24
258	11	319	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		318	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		295	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		296	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
259	1	320	7.11	63.12	-49.41	62.49	-48.79	8.36	1.923e+04	-2405.06	1.921e+04	-2381.87	-708.03
		319	7.41	62.93	-50.63	62.31	-50.01	8.36	1.896e+04	-4307.19	1.893e+04	-4271.46	-911.12
		296	6.85	60.38	-51.15	59.75	-50.52	8.36	1.619e+04	-6086.57	1.513e+04	-5031.00	-4732.42
		297	6.52	60.70	-49.91	60.07	-49.27	8.36	1.656e+04	-4054.00	1.561e+04	-3101.43	-4328.22
259	5	320	4.78	42.08	-32.94	41.66	-32.52	5.57	1.296e+04	-1575.81	1.295e+04	-1560.95	-464.54
		319	4.98	41.96	-33.75	41.54	-33.34	5.57	1.278e+04	-2851.60	1.276e+04	-2828.58	-599.51
		296	4.60	40.25	-34.10	39.83	-33.68	5.57	1.093e+04	-4036.34	1.023e+04	-3334.94	-3162.85
		297	4.38	40.47	-33.27	40.04	-32.85	5.57	1.118e+04	-2673.62	1.055e+04	-2040.66	-2892.96
259	8	320	1.19	8.42	-6.59	8.33	-6.50	1.11	3433.43	-151.82	3432.79	-151.18	-47.99
		319	1.23	8.39	-6.75	8.31	-6.67	1.11	3386.77	-453.45	3385.40	-452.09	-72.49
		296	1.15	8.05	-6.82	7.97	-6.74	1.11	3008.85	-683.16	2879.05	-553.36	-679.98
		297	1.10	8.09	-6.65	8.01	-6.57	1.11	3070.28	-364.31	2953.09	-247.12	-623.51
259	11	320	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		319	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
		296	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		297	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
260	1	321	6.54	48.65	-43.32	48.20	-42.88	6.37	1.433e+04	-192.58	1.432e+04	-191.60	-119.15
		320	6.74	48.50	-44.29	48.06	-43.85	6.37	1.416e+04	-1325.95	1.416e+04	-1322.19	-241.35
		297	6.14	46.38	-44.72	45.93	-44.27	6.37	1.225e+04	-2301.30	1.175e+04	-1802.40	-2648.15
		298	5.92	46.63	-43.74	46.18	-43.29	6.37	1.248e+04	-1088.48	1.204e+04	-647.80	-2405.60
260	5	321	4.39	32.43	-28.88	32.13	-28.59	4.25	9636.00	-107.80	9635.42	-107.23	-75.13
		320	4.53	32.33	-29.52	32.04	-29.23	4.25	9524.59	-867.60	9522.23	-865.25	-156.37
		297	4.12	30.92	-29.81	30.62	-29.52	4.25	8253.44	-1517.29	7921.54	-1185.39	-1769.96
		298	3.98	31.09	-29.16	30.78	-28.86	4.25	8407.96	-704.55	8114.76	-411.36	-1608.04
260	8	321	1.06	6.49	-5.78	6.43	-5.72	0.85	2442.00	101.10	2441.95	101.15	10.80
		320	1.09	6.47	-5.90	6.41	-5.85	0.85	2414.16	-76.27	2414.15	-76.26	-4.09
		297	1.01	6.18	-5.96	6.12	-5.90	0.85	2157.25	-203.53	2094.01	-140.29	-381.17
		298	0.98	6.22	-5.83	6.16	-5.77	0.85	2193.87	-15.73	2137.82	40.32	-347.43
260	11	321	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		320	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		297	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		298	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
261	1	322	5.72	36.01	-37.27	35.71	-36.97	4.68	9460.58	599.93	9459.45	601.05	99.75
		321	5.85	35.90	-38.01	35.60	-37.71	4.68	9366.71	-23.11	9366.60	-23.00	31.84
		298	5.29	34.19	-38.36	33.89	-38.05	4.68	8187.49	-521.45	7968.63	-302.60	-1363.13
		299	5.15	34.38	-37.60	34.08	-37.30	4.68	8317.21	145.61	8128.05	334.77	-1228.79
261	5	322	3.84	24.01	-24.85	23.81	-24.65	3.12	6354.04	413.37	6353.25	414.16	68.71
		321	3.93	23.93	-25.34	23.73	-25.14	3.12	6291.01	-4.05	6290.92	-3.96	23.54
		298	3.55	22.79	-25.57	22.59	-25.37	3.12	5504.69	-336.11	5358.94	-190.36	-911.07
		299	3.46	22.92	-25.07	22.72	-24.87	3.12	5591.64	110.65	5465.65	236.64	-821.40

261	8	322	0.91	4.80	-4.97	4.76	-4.93	0.62	1552.72	162.82	1552.20	163.35	26.97
		321	0.92	4.79	-5.07	4.75	-5.03	0.62	1537.45	66.92	1537.22	67.16	18.60
		298	0.85	4.56	-5.11	4.52	-5.07	0.62	1379.32	1.38	1350.82	29.88	-196.11
		299	0.83	4.58	-5.01	4.54	-4.97	0.62	1399.46	103.06	1374.68	127.84	-177.51
261	11	322	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		321	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		298	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		299	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
262	1	323	4.50	24.51	-31.34	24.33	-31.16	3.16	5169.92	582.39	5166.81	585.49	119.23
		322	4.59	24.43	-31.88	24.25	-31.70	3.16	5124.56	288.84	5123.00	290.40	86.82
		299	4.13	23.12	-32.14	22.94	-31.96	3.16	4509.99	67.28	4426.22	151.04	-604.26
		300	4.05	23.26	-31.59	23.08	-31.41	3.16	4572.60	381.57	4501.71	452.46	-540.44
262	5	323	3.01	16.34	-20.89	16.22	-20.77	2.11	3467.59	395.50	3465.48	397.61	80.39
		322	3.07	16.28	-21.25	16.17	-21.13	2.11	3437.18	199.00	3436.11	200.07	58.82
		299	2.77	15.42	-21.43	15.30	-21.31	2.11	3027.42	51.33	2971.59	107.16	-403.78
		300	2.71	15.51	-21.06	15.39	-20.94	2.11	3069.34	261.66	3022.08	308.92	-361.19
262	8	323	0.69	3.27	-4.18	3.24	-4.15	0.42	819.39	122.42	818.73	123.08	21.48
		322	0.70	3.26	-4.25	3.23	-4.23	0.42	812.29	78.27	811.88	78.69	17.42
		299	0.64	3.08	-4.29	3.06	-4.26	0.42	730.12	48.96	718.97	60.10	-86.42
		300	0.63	3.10	-4.21	3.08	-4.19	0.42	739.55	95.84	730.05	105.34	-77.64
262	11	323	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		322	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		299	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		300	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
263	1	324	2.91	14.09	-25.50	14.01	-25.42	1.80	2061.73	289.05	2059.59	291.20	61.58
		323	2.97	14.04	-25.86	13.96	-25.78	1.80	2045.25	183.97	2043.92	185.30	49.79
		300	2.68	13.13	-26.04	13.04	-25.96	1.80	1806.30	106.30	1780.07	132.53	-209.52
		301	2.63	13.22	-25.67	13.14	-25.59	1.80	1829.10	218.84	1807.22	240.72	-186.45
263	5	324	1.95	9.39	-17.00	9.34	-16.94	1.20	1380.96	195.71	1379.52	197.15	41.28
		323	1.98	9.36	-17.24	9.30	-17.18	1.20	1369.94	125.46	1369.04	126.36	33.43
		300	1.79	8.75	-17.36	8.70	-17.31	1.20	1210.63	73.69	1193.14	91.18	-139.91
		301	1.76	8.81	-17.12	8.76	-17.06	1.20	1225.87	148.91	1211.28	163.50	-124.53
263	8	324	0.43	1.88	-3.40	1.87	-3.39	0.24	315.07	57.14	314.71	57.50	9.62
		323	0.44	1.87	-3.45	1.86	-3.44	0.24	312.62	41.92	312.38	42.16	8.11
		300	0.40	1.75	-3.47	1.74	-3.46	0.24	280.72	31.60	277.20	35.12	-29.41
		301	0.39	1.76	-3.42	1.75	-3.41	0.24	284.02	47.81	281.06	50.77	-26.27
263	11	324	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		323	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		300	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		301	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
264	1	36	1.26	4.61	-19.77	4.60	-19.75	0.57	425.73	55.93	425.32	56.33	12.26
		324	1.29	4.58	-19.97	4.57	-19.96	0.57	422.50	35.20	422.25	35.45	9.87
		301	1.18	4.04	-20.08	4.02	-20.07	0.57	372.43	18.96	366.99	24.39	-43.51
		35	1.15	4.09	-19.87	4.08	-19.86	0.57	376.93	41.17	372.36	45.74	-38.90
264	5	36	0.84	3.07	-13.18	3.07	-13.17	0.38	284.74	38.17	284.46	38.44	8.17
		324	0.86	3.05	-13.31	3.05	-13.31	0.38	282.58	24.35	282.42	24.51	6.58
		301	0.79	2.69	-13.39	2.68	-13.38	0.38	249.20	13.52	245.57	17.14	-29.01
		35	0.77	2.73	-13.25	2.72	-13.24	0.38	252.20	28.33	249.16	31.38	-25.93
264	8	36	0.17	0.61	-2.64	0.61	-2.63	0.08	62.46	12.91	62.40	12.97	1.65
		324	0.18	0.61	-2.66	0.61	-2.66	0.08	62.02	10.14	61.99	10.17	1.33
		301	0.16	0.54	-2.68	0.54	-2.68	0.08	55.35	7.97	54.62	8.70	-5.82
		35	0.16	0.55	-2.65	0.54	-2.65	0.08	55.95	10.95	55.34	11.56	-5.20
264	11	36	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		324	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		301	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		35	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
265	1	327	10.76	-7.07	-9.69	-9.59	-7.18	0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	4.478e+04
		1	10.76	-7.07	-9.69	-9.59	-7.18	0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	4.478e+04
		304	10.76	-7.07	-9.69	-9.59	-7.18	0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	4.478e+04
265	5	327	7.32	-4.72	-6.46	-6.39	-4.78	0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	2.985e+04
		1	7.32	-4.72	-6.46	-6.39	-4.78	0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	2.985e+04
		304	7.32	-4.72	-6.46	-6.39	-4.78	0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	2.985e+04
265	8	327	2.39	-0.94	-1.29	-1.28	-0.96	0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	5970.41
		1	2.39	-0.94	-1.29	-1.28	-0.96	0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	5970.41
		304	2.39	-0.94	-1.29	-1.28	-0.96	0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	5970.41
265	11	327	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
		304	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	6.75e-05
266	1	328	25.37	-17.76	-24.43	-24.39	-17.80	-0.53	-4.626e+05	-7.746e+05	-7.705e+05	-4.667e+05	-3.547e+04
		327	24.29	-10.77	-23.13	-23.11	-10.79	-0.53	-2.717e+05	-7.380e+05	-7.352e+05	-2.744e+05	-3.549e+04
		304	23.69	-10.66	-22.60	-22.57	-10.69	-0.53	-2.713e+05	-7.207e+05	-7.205e+05	-2.715e+05	9215.37
		305	25.02	-17.70	-24.14	-24.10	-17.74	-0.53	-4.647e+05	-7.629e+05	-7.625e+05	-4.651e+05	-1.109e+04
266	5	328	17.07	-11.84	-16.29	-16.26	-11.87	-0.35	-3.129e+05	-5.210e+05	-5.182e+05	-3.157e+05	-2.365e+04
		327	16.33	-7.18	-15.42	-15.41	-7.20	-0.35	-1.856e+05	-4.965e+05	-4.947e+05	-1.874e+05	-2.367e+04
		304	15.93	-7.11	-15.06	-15.05	-7.12	-0.35	-1.854e+05	-4.851e+05	-4.849e+05	-1.855e+05	6148.31
		305	16.84	-11.80	-16.10	-16.07	-11.83	-0.35	-3.143e+05	-5.132e+05	-5.129e+05	-3.146e+05	-7387.51
266	8	328	4.38	-2.37	-3.26	-3.25	-2.37	-0.07	-8.983e+04	-1.317e+05	-1.311e+05	-9.038e+04	-4745.43

		327	4.12	-1.44	-3.08	-3.08	-1.44	-0.07-6.413e+04-1.267e+05-1.264e+05-6.449e+04	-4761.54
		304	4.05	-1.42	-3.01	-3.01	-1.42	-0.07-6.407e+04-1.244e+05-1.244e+05-6.410e+04	1258.06
		305	4.34	-2.36	-3.22	-3.21	-2.37	-0.07-9.011e+04-1.301e+05-1.301e+05-9.017e+04	-1462.01
266	11	328	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04	-19.34
		327	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04	-35.46
		304	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04	35.46
		305	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04	19.34
267	1	329	38.69	-26.64	-38.14	-38.07	-26.71	-0.89-6.941e+05-1.183e+06-1.176e+06-7.005e+05	-5.528e+04
		328	37.52	-20.21	-36.94	-36.89	-20.26	-0.89-5.347e+05-1.152e+06-1.147e+06-5.397e+05	-5.531e+04
		305	36.76	-20.06	-36.22	-36.17	-20.11	-0.89-5.361e+05-1.129e+06-1.129e+06-5.361e+05	-929.99
		306	38.15	-26.54	-37.65	-37.58	-26.61	-0.89-6.973e+05-1.165e+06-1.164e+06-6.980e+05	-1.789e+04
267	5	329	25.95	-17.76	-25.43	-25.38	-17.81	-0.60-4.674e+05-7.932e+05-7.890e+05-4.716e+05	-3.686e+04
		328	25.16	-13.47	-24.63	-24.59	-13.51	-0.60-3.610e+05-7.726e+05-7.693e+05-3.644e+05	-3.689e+04
		305	24.66	-13.38	-24.15	-24.12	-13.41	-0.60-3.620e+05-7.574e+05-7.574e+05-3.620e+05	-609.68
		306	25.60	-17.69	-25.10	-25.05	-17.74	-0.60-4.695e+05-7.812e+05-7.808e+05-4.700e+05	-1.192e+04
267	8	329	6.18	-3.55	-5.09	-5.08	-3.56	-0.12-1.213e+05-1.871e+05-1.862e+05-1.221e+05	-7414.88
		328	5.96	-2.69	-4.93	-4.92	-2.70	-0.12-9.963e+04-1.829e+05-1.822e+05-1.003e+05	-7439.02
		305	5.86	-2.68	-4.83	-4.82	-2.68	-0.12-9.983e+04-1.799e+05-1.799e+05-9.983e+04	-60.00
		306	6.11	-3.54	-5.02	-5.01	-3.55	-0.12-1.217e+05-1.847e+05-1.846e+05-1.218e+05	-2341.81
267	11	329	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04	-53.17
		328	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04	-77.33
		305	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04	77.33
		306	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04	53.17
268	1	330	53.13	-35.64	-52.16	-52.07	-35.73	-1.23-9.421e+05-1.626e+06-1.617e+06-9.508e+05	-7.681e+04
		329	51.86	-29.20	-50.95	-50.88	-29.27	-1.23-7.755e+05-1.593e+06-1.586e+06-7.828e+05	-7.685e+04
		306	50.82	-29.01	-50.01	-49.94	-29.08	-1.23-7.779e+05-1.562e+06-1.562e+06-7.779e+05	-2261.99
		307	52.33	-35.49	-51.44	-51.35	-35.58	-1.23-9.465e+05-1.599e+06-1.598e+06-9.471e+05	-1.998e+04
268	5	330	35.59	-23.76	-34.77	-34.71	-23.82	-0.82-6.328e+05-1.089e+06-1.083e+06-6.386e+05	-5.122e+04
		329	34.73	-19.47	-33.97	-33.92	-19.51	-0.82-5.217e+05-1.067e+06-1.062e+06-5.265e+05	-5.125e+04
		306	34.04	-19.34	-33.34	-33.29	-19.39	-0.82-5.233e+05-1.046e+06-1.046e+06-5.233e+05	-1489.89
		307	35.05	-23.66	-34.30	-34.23	-23.72	-0.82-6.357e+05-1.071e+06-1.070e+06-6.361e+05	-1.331e+04
268	8	330	8.14	-4.75	-6.95	-6.94	-4.76	-0.16-1.551e+05-2.475e+05-2.464e+05-1.563e+05	-1.033e+04
		329	7.92	-3.89	-6.79	-6.78	-3.90	-0.16-1.324e+05-2.431e+05-2.422e+05-1.334e+05	-1.036e+04
		306	7.79	-3.87	-6.67	-6.66	-3.88	-0.16-1.327e+05-2.389e+05-2.389e+05-1.327e+05	-189.24
		307	8.04	-4.73	-6.86	-6.85	-4.74	-0.16-1.557e+05-2.440e+05-2.439e+05-1.558e+05	-2578.29
268	11	330	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04	-103.43
		329	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04	-135.75
		306	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04	135.75
		307	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04	103.43
269	1	325	68.35	-44.71	-66.27	-66.15	-44.82	-1.55-1.207e+06-2.092e+06-2.080e+06-1.219e+06	-9.942e+04
		330	66.94	-38.22	-65.05	-64.96	-38.31	-1.55-1.028e+06-2.057e+06-2.047e+06-1.037e+06	-9.947e+04
		307	65.57	-37.98	-63.88	-63.78	-38.07	-1.55-1.031e+06-2.015e+06-2.015e+06-1.031e+06	64.53
		302	67.23	-44.51	-65.32	-65.20	-44.63	-1.55-1.213e+06-2.055e+06-2.054e+06-1.213e+06	-1.902e+04
269	5	325	45.74	-29.81	-44.18	-44.10	-29.88	-1.03-8.097e+05-1.400e+06-1.392e+06-8.172e+05	-6.630e+04
		330	44.80	-25.48	-43.37	-43.31	-25.54	-1.03-6.899e+05-1.377e+06-1.370e+06-6.964e+05	-6.634e+04
		307	43.89	-25.32	-42.58	-42.52	-25.38	-1.03-6.921e+05-1.348e+06-1.348e+06-6.921e+05	70.97
		302	45.00	-29.68	-43.55	-43.47	-29.75	-1.03-8.135e+05-1.375e+06-1.375e+06-8.137e+05	-1.266e+04
269	8	325	10.22	-5.96	-8.84	-8.82	-5.98	-0.21-1.914e+05-3.115e+05-3.100e+05-1.929e+05	-1.340e+04
		330	9.99	-5.10	-8.67	-8.66	-5.11	-0.21-1.669e+05-3.067e+05-3.054e+05-1.682e+05	-1.344e+04
		307	9.82	-5.06	-8.52	-8.50	-5.08	-0.21-1.673e+05-3.011e+05-3.011e+05-1.673e+05	182.13
		302	10.08	-5.94	-8.71	-8.69	-5.95	-0.21-1.922e+05-3.065e+05-3.065e+05-1.922e+05	-2396.47
269	11	325	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04	-169.34
		330	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04	-209.66
		307	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04	209.66
		302	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04	169.34
270	1	326	65.59	508.37	-36.42	500.71	-28.76	64.17-1.253e+06-1.965e+06-1.953e+06-1.265e+06	-9.199e+04
		325	64.83	527.79	60.94	518.80	69.93	64.17-1.175e+06-1.949e+06-1.938e+06-1.186e+06	-9.196e+04
		302	63.97	553.16	66.47	544.55	75.08	64.17-1.181e+06-1.919e+06-1.917e+06-1.182e+06	-2.932e+04
		303	64.85	530.45	-31.72	523.02	-24.30	64.17-1.260e+06-1.937e+06-1.935e+06-1.262e+06	-3.770e+04
270	5	326	43.88	338.92	-24.28	333.81	-19.17	42.78-8.402e+05-1.314e+06-1.306e+06-8.483e+05	-6.131e+04
		325	43.37	351.86	40.63	345.87	46.62	42.78-7.883e+05-1.304e+06-1.296e+06-7.957e+05	-6.129e+04
		302	42.80	368.77	44.31	363.03	50.06	42.78-7.921e+05-1.283e+06-1.283e+06-7.929e+05	-1.957e+04
		303	43.39	353.63	-21.14	348.68	-16.20	42.78-8.445e+05-1.296e+06-1.294e+06-8.459e+05	-2.515e+04
270	8	326	9.72	67.78	-4.86	66.76	-3.83	8.56-1.962e+05-2.892e+05-2.876e+05-1.978e+05	-1.215e+04
		325	9.60	70.37	8.13	69.17	9.32	8.56-1.861e+05-2.872e+05-2.858e+05-1.876e+05	-1.213e+04
		302	9.50	73.75	8.86	72.61	10.01	8.56-1.869e+05-2.832e+05-2.830e+05-1.870e+05	-4044.01
		303	9.62	70.73	-4.23	69.74	-3.24	8.56-1.970e+05-2.855e+05-2.852e+05-1.973e+05	-5143.50
270	11	326	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04	141.54
		325	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04	163.31
		302	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04	-163.32
		303	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04	-141.54
271	1	331	59.85	477.78	-75.47	473.94	-71.64	45.88-8.623e+05-1.371e+06-1.363e+06-8.706e+05	-6.445e+04
		326	59.72	488.39	-19.77	484.22	-15.59	45.88-8.494e+05-1.369e+06-1.361e+06-8.575e+05	-6.440e+04
		303	59.54	501.95	-16.95	497.86	-12.87	45.88-8.509e+05-1.363e+06-1.357e+06-8.568e+05	-5.472e+04
		308	59.70	489.41	-73.06	485.64	-69.30	45.88-8.636e+05-1.367e+06-1.360e+06-8.700e+05	-5.615e+04
271	5	331	40.02	318.52	-50.31	315.96	-47.76	30.58-5.778e+05-9.168e+05-9.113e+05-5.834e+05	-4.294e+04
		326	39.93	325.60	-13.18	322.81	-10.40	30.58-5.693e+05-9.152e+05-9.097e+05-5.747e+05	-4.291e+04

		303	39.82	334.63	-11.30	331.91	-8.58	30.58	-5.703e+05	-9.114e+05	-9.075e+05	-5.743e+05	-3.651e+04
		308	39.92	326.27	-48.71	323.76	-46.20	30.58	-5.787e+05	-9.136e+05	-9.094e+05	-5.830e+05	-3.746e+04
271	8	331	8.74	63.70	-10.06	63.19	-9.55	6.12	-1.335e+05	-1.991e+05	-1.979e+05	-1.346e+05	-8436.99
		326	8.73	65.12	-2.64	64.56	-2.08	6.12	-1.323e+05	-1.988e+05	-1.977e+05	-1.334e+05	-8405.53
		303	8.71	66.93	-2.26	66.38	-1.72	6.12	-1.324e+05	-1.981e+05	-1.973e+05	-1.333e+05	-7477.86
		308	8.72	65.25	-9.74	64.75	-9.24	6.12	-1.337e+05	-1.985e+05	-1.976e+05	-1.346e+05	-7641.83
271	11	331	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		326	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
		303	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		308	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
272	1	332	45.64	426.43	-96.30	424.33	-94.19	33.08	-6.641e+05	-9.228e+05	-9.157e+05	-6.712e+05	-4.227e+04
		331	46.15	430.64	-73.82	428.46	-71.64	33.08	-6.870e+05	-9.277e+05	-9.200e+05	-6.946e+05	-4.219e+04
		308	46.61	436.89	-72.54	434.74	-70.38	33.08	-6.802e+05	-9.417e+05	-9.261e+05	-6.958e+05	-6.202e+04
		309	46.05	431.90	-95.18	429.82	-93.10	33.08	-6.587e+05	-9.346e+05	-9.210e+05	-6.722e+05	-5.963e+04
272	5	332	30.50	284.28	-64.20	282.88	-62.80	22.05	-4.449e+05	-6.165e+05	-6.117e+05	-4.496e+05	-2.812e+04
		331	30.85	287.09	-49.21	285.64	-47.76	22.05	-4.604e+05	-6.197e+05	-6.146e+05	-4.655e+05	-2.805e+04
		308	31.16	291.26	-48.36	289.82	-46.92	22.05	-4.557e+05	-6.292e+05	-6.187e+05	-4.663e+05	-4.142e+04
		309	30.78	287.93	-63.45	286.55	-62.06	22.05	-4.412e+05	-6.244e+05	-6.152e+05	-4.504e+05	-3.981e+04
272	8	332	6.57	56.86	-12.84	56.58	-12.56	4.41	-1.021e+05	-1.308e+05	-1.298e+05	-1.031e+05	-5247.67
		331	6.67	57.42	-9.84	57.13	-9.55	4.41	-1.062e+05	-1.317e+05	-1.306e+05	-1.073e+05	-5180.44
		308	6.74	58.25	-9.67	57.96	-9.38	4.41	-1.046e+05	-1.342e+05	-1.314e+05	-1.075e+05	-8713.17
		309	6.63	57.59	-12.69	57.31	-12.41	4.41	-1.009e+05	-1.329e+05	-1.305e+05	-1.033e+05	-8338.81
272	11	332	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.70
		331	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	537.94
		308	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	-537.94
		309	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	-470.70
273	1	333	35.00	371.75	-104.22	370.44	-102.92	24.88	-4.994e+05	-6.161e+05	-6.092e+05	-5.062e+05	-2.743e+04
		332	35.89	373.24	-96.22	371.91	-94.90	24.88	-5.292e+05	-6.238e+05	-6.151e+05	-5.379e+05	-2.733e+04
		309	36.69	375.74	-95.71	374.42	-94.40	24.88	-5.107e+05	-6.535e+05	-6.244e+05	-5.398e+05	-5.749e+04
		310	35.71	373.97	-103.77	372.67	-102.47	24.88	-4.856e+05	-6.398e+05	-6.176e+05	-5.079e+05	-5.423e+04
273	5	333	23.38	247.83	-69.48	246.96	-68.61	16.59	-3.345e+05	-4.111e+05	-4.065e+05	-3.391e+05	-1.821e+04
		332	23.98	248.82	-64.15	247.94	-63.27	16.59	-3.545e+05	-4.164e+05	-4.105e+05	-3.604e+05	-1.814e+04
		309	24.52	250.49	-63.81	249.62	-62.93	16.59	-3.419e+05	-4.364e+05	-4.167e+05	-3.616e+05	-3.841e+04
		310	23.86	249.32	-69.18	248.45	-68.31	16.59	-3.251e+05	-4.272e+05	-4.121e+05	-3.402e+05	-3.623e+04
273	8	333	4.97	49.57	-13.90	49.39	-13.72	3.32	-7.589e+04	-8.499e+04	-8.369e+04	-7.718e+04	-3181.45
		332	5.14	49.76	-12.83	49.59	-12.65	3.32	-8.033e+04	-8.691e+04	-8.470e+04	-8.254e+04	-3109.51
		309	5.26	50.10	-12.76	49.92	-12.59	3.32	-7.602e+04	-9.272e+04	-8.595e+04	-8.279e+04	-8200.40
		310	5.07	49.86	-13.84	49.69	-13.66	3.32	-7.256e+04	-8.965e+04	-8.480e+04	-7.740e+04	-7706.68
273	11	333	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		332	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.42
		309	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.41
		310	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.48
274	1	334	26.88	322.07	-105.09	321.19	-104.21	19.37	-3.647e+05	-4.083e+05	-3.995e+05	-3.736e+05	-1.750e+04
		333	27.99	322.35	-103.56	321.47	-102.68	19.37	-3.870e+05	-4.219e+05	-4.051e+05	-4.039e+05	-1.742e+04
		310	28.95	322.89	-103.45	322.00	-102.57	19.37	-3.608e+05	-4.601e+05	-4.151e+05	-4.059e+05	-4.944e+04
		311	27.77	322.55	-105.00	321.67	-104.12	19.37	-3.427e+05	-4.411e+05	-4.085e+05	-3.754e+05	-4.632e+04
274	5	334	17.94	214.71	-70.06	214.13	-69.47	12.91	-2.440e+05	-2.723e+05	-2.662e+05	-2.501e+05	-1.159e+04
		333	18.69	214.90	-69.04	214.31	-68.45	12.91	-2.587e+05	-2.817e+05	-2.700e+05	-2.705e+05	-1.153e+04
		310	19.34	215.26	-68.97	214.67	-68.38	12.91	-2.411e+05	-3.073e+05	-2.766e+05	-2.718e+05	-3.304e+04
		311	18.54	215.03	-70.00	214.45	-69.41	12.91	-2.291e+05	-2.944e+05	-2.722e+05	-2.513e+05	-3.096e+04
274	8	334	3.76	42.94	-14.01	42.83	-13.89	2.58	-5.185e+04	-5.718e+04	-5.260e+04	-5.643e+04	-1854.82
		333	3.98	42.98	-13.81	42.86	-13.69	2.58	-5.317e+04	-6.186e+04	-5.355e+04	-6.148e+04	-1790.39
		310	4.11	43.05	-13.79	42.93	-13.68	2.58	-5.041e+04	-6.622e+04	-5.488e+04	-6.174e+04	-7124.15
		311	3.89	43.01	-14.00	42.89	-13.88	2.58	-4.843e+04	-6.204e+04	-5.380e+04	-5.667e+04	-6655.21
274	11	334	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		333	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.55	644.37
		310	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	-644.38
		311	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.94
275	1	335	20.40	277.66	-102.31	277.04	-101.68	15.41	-2.467e+05	-2.744e+05	-2.517e+05	-2.694e+05	-1.064e+04
		334	21.62	277.41	-103.66	276.79	-103.04	15.41	-2.538e+05	-2.980e+05	-2.565e+05	-2.953e+05	-1.057e+04
		311	22.65	276.90	-103.77	276.27	-103.14	15.41	-2.379e+05	-3.252e+05	-2.659e+05	-2.972e+05	-4.069e+04
		312	21.37	277.19	-102.41	276.57	-101.78	15.41	-2.273e+05	-3.041e+05	-2.603e+05	-2.711e+05	-3.802e+04
275	5	335	13.61	185.11	-68.21	184.69	-67.79	10.27	-1.643e+05	-1.834e+05	-1.674e+05	-1.803e+05	-7022.13
		334	14.43	184.94	-69.11	184.53	-68.69	10.27	-1.689e+05	-1.994e+05	-1.706e+05	-1.977e+05	-6968.46
		311	15.12	184.60	-69.18	184.18	-68.76	10.27	-1.586e+05	-2.173e+05	-1.769e+05	-1.990e+05	-2.721e+04
		312	14.26	184.80	-68.27	184.38	-67.85	10.27	-1.515e+05	-2.030e+05	-1.731e+05	-1.815e+05	-2.542e+04
275	8	335	2.83	37.02	-13.64	36.94	-13.56	2.05	-3.106e+04	-4.035e+04	-3.116e+04	-4.025e+04	-976.25
		334	3.07	36.99	-13.82	36.91	-13.74	2.05	-3.190e+04	-4.461e+04	-3.197e+04	-4.454e+04	-922.70
		311	3.20	36.92	-13.84	36.84	-13.75	2.05	-3.074e+04	-4.728e+04	-3.322e+04	-4.479e+04	-5912.46
		312	2.96	36.96	-13.65	36.88	-13.57	2.05	-2.953e+04	-4.325e+04	-3.230e+04	-4.048e+04	-5512.40
275	11	335	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		334	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.08
		311	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.14	-589.07
		312	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
276	1	336	15.21	237.60	-97.74	237.14	-97.28	12.40	-1.464e+05	-1.907e+05	-1.471e+05	-1.899e+05	-5851.11
		335	16.59	237.14	-100.27	236.68	-99.81	12.40	-1.504e+05	-2.113e+05	-1.510e+05	-2.108e+05	-5795.76
		312	17.51	236.08	-100.48	235.62	-100.03	12.40	-1.440e+05	-2.277e+05	-1.593e+05	-2.124e+05	-3.227e+04

		313	16.19	236.64	-97.94	236.18	-97.48	12.40	-1.378e+05	-2.083e+05	-1.547e+05	-1.914e+05	-3.012e+04
276	5	336	10.14	158.40	-65.16	158.10	-64.86	8.27	-9.708e+04	-1.275e+05	-9.758e+04	-1.270e+05	-3838.41
		335	11.09	158.09	-66.85	157.79	-66.54	8.27	-9.981e+04	-1.414e+05	-1.002e+05	-1.410e+05	-3795.85
		312	11.69	157.39	-66.99	157.08	-66.68	8.27	-9.566e+04	-1.522e+05	-1.057e+05	-1.422e+05	-2.158e+04
		313	10.80	157.76	-65.29	157.45	-64.98	8.27	-9.152e+04	-1.391e+05	-1.026e+05	-1.280e+05	-2.014e+04
276	8	336	2.17	31.68	-13.03	31.62	-12.97	1.65	-1.642e+04	-2.801e+04	-1.643e+04	-2.800e+04	-393.92
		335	2.43	31.62	-13.37	31.56	-13.31	1.65	-1.707e+04	-3.146e+04	-1.708e+04	-3.145e+04	-351.43
		312	2.55	31.48	-13.40	31.42	-13.34	1.65	-1.669e+04	-3.316e+04	-1.818e+04	-3.167e+04	-4724.52
		313	2.28	31.55	-13.06	31.49	-13.00	1.65	-1.587e+04	-2.977e+04	-1.744e+04	-2.820e+04	-4402.59
276	11	336	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		335	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
		312	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.52	-4044.99	-509.93
		313	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	-467.43
277	1	337	11.63	203.29	-91.93	202.94	-91.59	10.11	-7.658e+04	-1.297e+05	-7.672e+04	-1.296e+05	-2704.14
		336	13.07	202.76	-94.81	202.41	-94.46	10.11	-7.962e+04	-1.460e+05	-7.973e+04	-1.459e+05	-2661.69
		313	13.87	201.46	-95.07	201.11	-94.72	10.11	-7.770e+04	-1.564e+05	-8.675e+04	-1.473e+05	-2.509e+04
		314	12.43	202.09	-92.17	201.74	-91.83	10.11	-7.363e+04	-1.405e+05	-8.320e+04	-1.309e+05	-2.341e+04
277	5	337	7.78	135.52	-61.29	135.29	-61.06	6.74	-5.052e+04	-8.672e+04	-5.060e+04	-8.664e+04	-1750.64
		336	8.74	135.17	-63.21	134.94	-62.98	6.74	-5.256e+04	-9.767e+04	-5.262e+04	-9.760e+04	-1717.99
		313	9.28	134.30	-63.38	134.07	-63.15	6.74	-5.133e+04	-1.045e+05	-5.730e+04	-9.854e+04	-1.678e+04
		314	8.31	134.72	-61.45	134.49	-61.22	6.74	-4.862e+04	-9.380e+04	-5.492e+04	-8.750e+04	-1.566e+04
277	8	337	1.73	27.10	-12.26	27.06	-12.21	1.35	-6842.33	-1.880e+04	-6842.45	-1.880e+04	-37.51
		336	1.98	27.03	-12.64	26.99	-12.60	1.35	-7345.51	-2.149e+04	-7345.51	-2.149e+04	-4.93
		313	2.07	26.86	-12.68	26.81	-12.63	1.35	-7329.39	-2.263e+04	-8281.30	-2.167e+04	-3695.23
		314	1.83	26.94	-12.29	26.90	-12.24	1.35	-6736.82	-1.994e+04	-7706.26	-1.897e+04	-3443.94
277	11	337	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		336	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
		313	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.51
		314	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
278	1	338	9.27	173.16	-85.57	172.89	-85.31	8.28	-3.018e+04	-8.513e+04	-3.019e+04	-8.512e+04	-676.81
		337	10.62	172.64	-88.40	172.38	-88.14	8.28	-3.247e+04	-9.757e+04	-3.248e+04	-9.757e+04	-645.25
		314	11.24	171.26	-88.68	171.00	-88.42	8.28	-3.274e+04	-1.042e+05	-3.825e+04	-9.872e+04	-1.906e+04
		315	9.90	171.88	-85.83	171.61	-85.56	8.28	-2.993e+04	-9.181e+04	-3.554e+04	-8.619e+04	-1.777e+04
278	5	338	6.21	115.44	-57.05	115.26	-56.87	5.52	-1.960e+04	-5.687e+04	-1.961e+04	-5.687e+04	-409.18
		337	7.11	115.09	-58.93	114.92	-58.76	5.52	-2.114e+04	-6.523e+04	-2.115e+04	-6.523e+04	-384.91
		314	7.53	114.17	-59.12	114.00	-58.94	5.52	-2.135e+04	-6.964e+04	-2.499e+04	-6.600e+04	-1.275e+04
		315	6.63	114.59	-57.22	114.41	-57.04	5.52	-1.947e+04	-6.129e+04	-2.318e+04	-5.758e+04	-1.189e+04
278	8	338	1.47	23.09	-11.41	23.05	-11.37	1.10	-810.18	-1.210e+04	-812.75	-1.209e+04	170.22
		337	1.69	23.02	-11.79	22.98	-11.75	1.10	-1191.44	-1.414e+04	-1194.36	-1.413e+04	194.46
		314	1.76	22.83	-11.82	22.80	-11.79	1.10	-1348.35	-1.490e+04	-1963.59	-1.429e+04	-2821.53
		315	1.54	22.92	-11.44	22.88	-11.41	1.10	-915.91	-1.285e+04	-1527.03	-1.224e+04	-2630.34
278	11	338	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	315.18
		337	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
		314	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		315	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
279	1	339	8.03	145.92	-79.10	145.71	-78.90	6.77	-1317.12	-5.360e+04	-1322.62	-5.359e+04	536.36
		338	9.18	145.44	-81.70	145.24	-81.49	6.77	-3010.41	-6.279e+04	-3015.64	-6.279e+04	559.04
		315	9.57	144.09	-81.97	143.88	-81.76	6.77	-4282.39	-6.701e+04	-7589.64	-6.370e+04	-1.402e+04
		316	8.41	144.65	-79.36	144.45	-79.15	6.77	-2315.12	-5.772e+04	-5591.69	-5.445e+04	-1.307e+04
279	5	339	5.39	97.28	-52.74	97.14	-52.60	4.51	-426.37	-3.578e+04	-430.67	-3.577e+04	390.10
		338	6.16	96.96	-54.46	96.82	-54.33	4.51	-1564.06	-4.195e+04	-1568.17	-4.195e+04	407.54
		315	6.42	96.06	-54.65	95.92	-54.51	4.51	-2424.83	-4.475e+04	-4617.51	-4.256e+04	-9380.65
		316	5.64	96.44	-52.90	96.30	-52.77	4.51	-1106.01	-3.851e+04	-3276.72	-3.634e+04	-8745.55
279	8	339	1.36	19.46	-10.55	19.43	-10.52	0.90	2624.05	-7422.89	2616.62	-7415.46	273.12
		338	1.53	19.39	-10.89	19.36	-10.87	0.90	2343.69	-8922.67	2336.19	-8915.17	290.55
		315	1.57	19.21	-10.93	19.18	-10.90	0.90	2116.16	-9426.98	1726.33	-9037.15	-2085.17
		316	1.39	19.29	-10.58	19.26	-10.55	0.90	2427.06	-7908.96	2047.41	-7529.30	-1944.21
279	11	339	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95
		338	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		315	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		316	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.94
280	1	340	7.54	122.51	-72.40	122.35	-72.24	5.54	1.452e+04	-3.155e+04	1.449e+04	-3.153e+04	1146.89
		339	8.44	122.09	-74.68	121.93	-74.52	5.54	1.329e+04	-3.822e+04	1.327e+04	-3.820e+04	1162.72
		316	8.60	120.82	-74.94	120.66	-74.78	5.54	1.174e+04	-4.092e+04	9720.23	-3.890e+04	-1.011e+04
		317	7.69	121.31	-72.64	121.16	-72.48	5.54	1.313e+04	-3.415e+04	1.117e+04	-3.219e+04	-9425.58
280	5	340	5.08	81.67	-48.27	81.57	-48.16	3.69	1.005e+04	-2.104e+04	1.003e+04	-2.102e+04	788.93
		339	5.67	81.39	-49.79	81.29	-49.68	3.69	9227.19	-2.551e+04	9208.71	-2.549e+04	801.10
		316	5.78	80.54	-49.96	80.44	-49.85	3.69	8186.98	-2.731e+04	6845.36	-2.597e+04	-6769.01
		317	5.17	80.88	-48.42	80.77	-48.32	3.69	9119.00	-2.276e+04	7817.66	-2.146e+04	-6308.05
280	8	340	1.32	16.33	-9.65	16.31	-9.63	0.74	4243.12	-4205.69	4232.19	-4194.75	303.74
		339	1.45	16.28	-9.96	16.26	-9.94	0.74	4041.03	-5285.73	4030.32	-5275.02	315.90
		316	1.46	16.11	-9.99	16.09	-9.97	0.74	3805.98	-5617.88	3557.65	-5369.55	-1509.49
		317	1.33	16.18	-9.68	16.15	-9.66	0.74	4027.45	-4521.77	3789.06	-4283.38	-1407.57
280	11	340	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		339	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	194.64
		316	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.65
		317	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48

281	1	341	7.47	101.16	-65.82	101.03	-65.70	4.48	2.114e+04	-1.719e+04	2.109e+04	-1.714e+04	1343.16
		340	8.11	100.80	-67.77	100.68	-67.65	4.48	2.028e+04	-2.184e+04	2.024e+04	-2.179e+04	1353.71
		317	8.09	99.65	-68.00	99.53	-67.88	4.48	1.880e+04	-2.351e+04	1.760e+04	-2.232e+04	-7001.57
		318	7.42	100.07	-66.04	99.95	-65.92	4.48	1.975e+04	-1.877e+04	1.861e+04	-1.764e+04	-6520.62
281	5	341	5.02	67.44	-43.88	67.36	-43.80	2.99	1.438e+04	-1.144e+04	1.435e+04	-1.141e+04	912.73
		340	5.46	67.20	-45.18	67.12	-45.10	2.99	1.380e+04	-1.456e+04	1.377e+04	-1.453e+04	920.84
		317	5.44	66.43	-45.33	66.35	-45.25	2.99	1.281e+04	-1.567e+04	1.202e+04	-1.488e+04	-4686.08
		318	5.00	66.71	-44.02	66.63	-43.94	2.99	1.345e+04	-1.249e+04	1.269e+04	-1.174e+04	-4364.37
281	8	341	1.30	13.49	-8.78	13.47	-8.76	0.60	4588.60	-2161.63	4576.44	-2149.47	286.26
		340	1.39	13.44	-9.04	13.42	-9.02	0.60	4448.68	-2908.60	4436.88	-2896.81	294.37
		317	1.38	13.29	-9.07	13.27	-9.05	0.60	4238.21	-3119.26	4085.95	-2967.00	-1047.41
		318	1.29	13.34	-8.80	13.33	-8.79	0.60	4390.52	-2359.90	4246.15	-2215.53	-976.59
281	11	341	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		340	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
		317	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		318	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
282	1	342	7.44	82.71	-59.17	82.62	-59.08	3.61	2.198e+04	-8090.35	2.192e+04	-8035.31	1285.30
		341	7.89	82.41	-60.79	82.32	-60.70	3.61	2.139e+04	-1.124e+04	2.134e+04	-1.119e+04	1292.03
		318	7.75	81.40	-61.00	81.31	-60.91	3.61	2.015e+04	-1.226e+04	1.945e+04	-1.156e+04	-4700.45
		319	7.29	81.75	-59.36	81.66	-59.27	3.61	2.079e+04	-9048.45	2.013e+04	-8392.77	-4374.27
282	5	342	5.00	55.14	-39.45	55.08	-39.39	2.40	1.486e+04	-5365.33	1.482e+04	-5327.96	868.61
		341	5.30	54.94	-40.53	54.88	-40.47	2.40	1.447e+04	-7476.21	1.443e+04	-7441.36	873.80
		318	5.21	54.27	-40.67	54.20	-40.60	2.40	1.364e+04	-8157.75	1.317e+04	-7693.69	-3146.07
		319	4.90	54.50	-39.58	54.44	-39.51	2.40	1.407e+04	-6002.92	1.363e+04	-5566.27	-2927.93
282	8	342	1.27	11.03	-7.89	11.02	-7.88	0.48	4219.29	-904.90	4207.62	-893.24	244.22
		341	1.33	10.99	-8.11	10.98	-8.09	0.48	4125.33	-1405.93	4114.07	-1394.66	249.40
		318	1.31	10.85	-8.13	10.84	-8.12	0.48	3953.50	-1536.90	3861.73	-1445.13	-703.86
		319	1.25	10.90	-7.92	10.89	-7.90	0.48	4055.46	-1027.05	3969.31	-940.90	-656.08
282	11	342	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		341	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		318	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		319	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
283	1	343	7.26	66.24	-52.60	66.18	-52.53	2.85	1.925e+04	-2891.70	1.920e+04	-2839.07	1078.25
		342	7.56	66.00	-53.92	65.93	-53.86	2.85	1.887e+04	-4925.19	1.882e+04	-4875.86	1082.31
		319	7.37	65.13	-54.10	65.06	-54.03	2.85	1.792e+04	-5527.18	1.753e+04	-5134.93	-3007.20
		320	7.05	65.42	-52.77	65.35	-52.70	2.85	1.834e+04	-3449.48	1.797e+04	-3084.50	-2796.01
283	5	343	4.88	44.16	-35.07	44.12	-35.02	1.90	1.297e+04	-1901.30	1.294e+04	-1865.75	726.32
		342	5.08	44.00	-35.95	43.96	-35.90	1.90	1.272e+04	-3264.86	1.269e+04	-3231.51	729.44
		319	4.95	43.42	-36.07	43.37	-36.02	1.90	1.209e+04	-3665.75	1.182e+04	-3404.22	-2012.70
		320	4.74	43.61	-35.18	43.57	-35.13	1.90	1.236e+04	-2272.71	1.212e+04	-2029.37	-1871.49
283	8	343	1.21	8.83	-7.01	8.82	-7.00	0.38	3441.00	-222.04	3431.10	-212.14	190.18
		342	1.25	8.80	-7.19	8.79	-7.18	0.38	3380.91	-542.22	3371.36	-532.67	193.30
		319	1.22	8.68	-7.21	8.67	-7.20	0.38	3251.66	-620.23	3198.65	-567.21	-449.95
		320	1.18	8.72	-7.04	8.71	-7.03	0.38	3316.83	-294.20	3267.48	-244.86	-419.21
283	11	343	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		342	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
		319	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		320	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
284	1	344	6.71	51.03	-46.21	50.99	-46.17	2.17	1.452e+04	-429.69	1.448e+04	-387.48	793.20
		343	6.92	50.84	-47.26	50.79	-47.21	2.17	1.429e+04	-1646.27	1.425e+04	-1606.47	795.40
		320	6.71	50.12	-47.40	50.07	-47.36	2.17	1.364e+04	-1976.11	1.343e+04	-1770.27	-1780.96
		321	6.50	50.34	-46.35	50.30	-46.30	2.17	1.389e+04	-732.74	1.370e+04	-543.08	-1654.35
284	5	344	4.51	34.02	-30.81	33.99	-30.78	1.45	9764.69	-266.22	9736.28	-237.81	533.10
		343	4.64	33.90	-31.51	33.86	-31.47	1.45	9612.80	-1081.58	9585.99	-1054.77	534.80
		320	4.50	33.41	-31.60	33.38	-31.57	1.45	9177.37	-1301.33	9040.01	-1163.97	-1191.84
		321	4.36	33.56	-30.90	33.53	-30.87	1.45	9344.16	-468.11	9217.59	-341.54	-1107.20
284	8	344	1.09	6.80	-6.16	6.80	-6.16	0.29	2469.45	67.70	2462.12	75.03	132.44
		343	1.12	6.78	-6.30	6.77	-6.29	0.29	2433.96	-121.23	2426.90	-114.17	134.14
		320	1.09	6.68	-6.32	6.68	-6.31	0.29	2346.11	-164.42	2317.70	-136.01	-265.55
		321	1.06	6.71	-6.18	6.71	-6.17	0.29	2384.62	28.05	2358.38	54.28	-247.26
284	11	344	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		343	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		320	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		321	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
285	1	345	5.89	37.76	-39.83	37.73	-39.80	1.59	9659.88	508.30	9630.39	537.79	518.75
		344	6.03	37.61	-40.63	37.58	-40.60	1.59	9534.61	-163.22	9506.67	-135.28	519.82
		321	5.83	37.03	-40.74	36.99	-40.71	1.59	9131.16	-331.95	9029.85	-230.64	-973.88
		322	5.69	37.20	-39.94	37.17	-39.91	1.59	9268.87	354.37	9176.27	446.97	-903.83
285	5	345	3.95	25.17	-26.55	25.15	-26.53	1.06	6487.01	352.18	6467.20	371.99	348.03
		344	4.04	25.07	-27.09	25.05	-27.06	1.06	6403.08	-97.59	6384.31	-78.81	348.86
		321	3.91	24.68	-27.16	24.66	-27.14	1.06	6134.07	-210.03	6066.43	-142.39	-651.57
		322	3.82	24.80	-26.63	24.78	-26.60	1.06	6226.29	249.61	6164.46	311.44	-604.75
285	8	345	0.93	5.03	-5.31	5.03	-5.31	0.21	1579.80	150.10	1574.99	154.91	82.84
		344	0.95	5.01	-5.42	5.01	-5.41	0.21	1560.54	47.54	1555.90	52.19	83.67
		321	0.92	4.94	-5.43	4.93	-5.43	0.21	1506.50	25.29	1492.32	39.47	-144.21
		322	0.90	4.96	-5.33	4.96	-5.32	0.21	1527.44	129.80	1514.44	142.80	-134.18
285	11	345	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53

		344	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		321	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		322	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
286	1	346	4.64	25.67	-33.55	25.65	-33.53	1.08	5303.02	557.59	5286.27	574.34	281.48
		345	4.73	25.56	-34.13	25.54	-34.11	1.08	5243.70	240.00	5227.77	255.93	281.90
		322	4.58	25.12	-34.22	25.10	-34.20	1.08	5033.71	164.87	4990.16	208.41	-458.38
		323	4.49	25.25	-33.64	25.23	-33.62	1.08	5099.01	489.43	5059.46	528.98	-425.15
286	5	346	3.11	17.11	-22.37	17.10	-22.35	0.72	3556.35	378.95	3545.12	390.18	188.55
		345	3.17	17.04	-22.75	17.03	-22.74	0.72	3516.64	166.41	3505.96	177.09	188.87
		322	3.07	16.75	-22.81	16.73	-22.80	0.72	3376.63	116.33	3347.55	145.41	-306.53
		323	3.01	16.83	-22.42	16.82	-22.41	0.72	3420.33	333.52	3393.91	359.94	-284.33
286	8	346	0.71	3.42	-4.47	3.42	-4.47	0.14	837.25	118.99	834.66	121.59	43.11
		345	0.72	3.41	-4.55	3.41	-4.55	0.14	828.35	71.59	825.85	74.09	43.43
		322	0.70	3.35	-4.56	3.35	-4.56	0.14	800.29	61.63	794.17	67.75	-66.97
		323	0.69	3.37	-4.48	3.36	-4.48	0.14	810.00	109.96	804.42	115.54	-62.27
286	11	346	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		345	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		322	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		323	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
287	1	347	3.02	14.72	-27.35	14.71	-27.34	0.61	2120.04	285.01	2113.23	291.83	111.63
		346	3.07	14.65	-27.74	14.64	-27.73	0.61	2098.73	170.98	2092.24	177.48	111.73
		323	2.97	14.34	-27.80	14.33	-27.79	0.61	2017.14	144.62	2002.27	159.49	-166.21
		324	2.92	14.43	-27.41	14.42	-27.40	0.61	2040.64	261.15	2027.18	274.62	-154.22
287	5	347	2.02	9.82	-18.23	9.81	-18.23	0.41	1419.84	193.01	1415.28	197.57	74.64
		346	2.05	9.77	-18.49	9.76	-18.49	0.41	1405.60	116.80	1401.25	121.15	74.72
		323	1.99	9.56	-18.53	9.55	-18.53	0.41	1351.20	99.22	1341.27	109.15	-111.04
		324	1.95	9.62	-18.27	9.61	-18.27	0.41	1366.91	177.11	1357.91	186.10	-103.04
287	8	347	0.44	1.96	-3.65	1.96	-3.65	0.08	322.86	56.58	321.86	57.58	16.29
		346	0.45	1.95	-3.70	1.95	-3.70	0.08	319.78	40.16	318.82	41.12	16.37
		323	0.44	1.91	-3.71	1.91	-3.71	0.08	308.89	36.65	306.83	38.72	-23.64
		324	0.43	1.92	-3.65	1.92	-3.65	0.08	312.27	53.41	310.39	55.29	-21.97
287	11	347	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		346	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		323	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		324	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
288	1	37	1.32	4.74	-21.24	4.74	-21.23	0.20	437.78	54.56	436.40	55.94	22.90
		347	1.34	4.70	-21.46	4.70	-21.46	0.20	433.58	32.04	432.26	33.35	22.90
		324	1.31	4.52	-21.50	4.52	-21.49	0.20	416.46	26.53	413.41	29.58	-34.38
		36	1.28	4.57	-21.27	4.57	-21.27	0.20	421.11	49.55	418.33	52.32	-31.99
288	5	37	0.88	3.16	-14.16	3.16	-14.16	0.13	292.77	37.26	291.85	38.17	15.27
		347	0.90	3.14	-14.31	3.13	-14.30	0.13	289.97	22.24	289.09	23.12	15.27
		324	0.87	3.01	-14.33	3.01	-14.33	0.13	278.56	18.57	276.52	20.60	-22.92
		36	0.85	3.04	-14.18	3.04	-14.18	0.13	281.65	33.91	279.80	35.76	-21.33
288	8	37	0.18	0.63	-2.83	0.63	-2.83	0.03	64.06	12.73	63.88	12.92	3.07
		347	0.18	0.63	-2.86	0.63	-2.86	0.03	63.50	9.72	63.32	9.89	3.07
		324	0.18	0.60	-2.87	0.60	-2.87	0.03	61.22	8.98	60.81	9.39	-4.60
		36	0.18	0.61	-2.84	0.61	-2.84	0.03	61.84	12.06	61.47	12.43	-4.28
288	11	37	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		347	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		324	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		36	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
289	1	327	10.76	-7.07	-9.69	-9.59	-7.18	-0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	-4.478e+04
		350	10.76	-7.07	-9.69	-9.59	-7.18	-0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	-4.478e+04
		1	10.76	-7.07	-9.69	-9.59	-7.18	-0.51	-1.662e+05	-3.305e+05	-3.173e+05	-1.795e+05	-4.478e+04
289	5	327	7.32	-4.72	-6.46	-6.39	-4.78	-0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	-2.985e+04
		350	7.32	-4.72	-6.46	-6.39	-4.78	-0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	-2.985e+04
		1	7.32	-4.72	-6.46	-6.39	-4.78	-0.34	-1.153e+05	-2.248e+05	-2.160e+05	-1.241e+05	-2.985e+04
289	8	327	2.39	-0.94	-1.29	-1.28	-0.96	-0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	-5970.41
		350	2.39	-0.94	-1.29	-1.28	-0.96	-0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	-5970.41
		1	2.39	-0.94	-1.29	-1.28	-0.96	-0.07	-4.991e+04	-7.182e+04	-7.005e+04	-5.168e+04	-5970.41
289	11	327	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
		350	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
290	1	351	25.02	-17.70	-24.14	-24.10	-17.74	0.53	-4.647e+05	-7.629e+05	-7.625e+05	-4.651e+05	1.109e+04
		350	23.69	-10.66	-22.60	-22.57	-10.69	0.53	-2.713e+05	-7.207e+05	-7.205e+05	-2.715e+05	-9215.37
		327	24.29	-10.77	-23.13	-23.11	-10.79	0.53	-2.717e+05	-7.380e+05	-7.352e+05	-2.744e+05	3.549e+04
		328	25.37	-17.76	-24.43	-24.39	-17.80	0.53	-4.626e+05	-7.746e+05	-7.705e+05	-4.667e+05	3.547e+04
290	5	351	16.84	-11.80	-16.10	-16.07	-11.83	0.35	-3.143e+05	-5.132e+05	-5.129e+05	-3.146e+05	7387.51
		350	15.93	-7.11	-15.06	-15.05	-7.12	0.35	-1.854e+05	-4.851e+05	-4.849e+05	-1.855e+05	-6148.31
		327	16.33	-7.18	-15.42	-15.41	-7.20	0.35	-1.856e+05	-4.965e+05	-4.947e+05	-1.874e+05	2.367e+04
		328	17.07	-11.84	-16.29	-16.26	-11.87	0.35	-3.129e+05	-5.210e+05	-5.182e+05	-3.157e+05	2.365e+04
290	8	351	4.34	-2.36	-3.22	-3.21	-2.37	0.07	-9.011e+04	-1.301e+05	-1.301e+05	-9.017e+04	1462.01
		350	4.05	-1.42	-3.01	-3.01	-1.42	0.07	-6.407e+04	-1.244e+05	-1.244e+05	-6.410e+04	-1258.06
		327	4.12	-1.44	-3.08	-3.08	-1.44	0.07	-6.413e+04	-1.267e+05	-1.264e+05	-6.449e+04	4761.54
		328	4.38	-2.37	-3.26	-3.25	-2.37	0.07	-8.983e+04	-1.317e+05	-1.311e+05	-9.038e+04	4745.43
290	11	351	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		350	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46

		327	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.429e+04-3.375e+04 35.46
		328	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.435e+04-3.405e+04 19.34
291	1	352	38.15	-26.54	-37.65	-37.58	-26.61	0.89-6.973e+05-1.165e+06-1.164e+06-6.980e+051.789e+04
		351	36.76	-20.06	-36.22	-36.17	-20.11	0.89-5.361e+05-1.129e+06-1.129e+06-5.361e+05 929.99
		328	37.52	-20.21	-36.94	-36.89	-20.26	0.89-5.347e+05-1.152e+06-1.147e+06-5.397e+055.531e+04
		329	38.69	-26.64	-38.14	-38.07	-26.71	0.89-6.941e+05-1.183e+06-1.176e+06-7.005e+055.528e+04
291	5	352	25.60	-17.69	-25.10	-25.05	-17.74	0.60-4.695e+05-7.812e+05-7.808e+05-4.700e+051.192e+04
		351	24.66	-13.38	-24.15	-24.12	-13.41	0.60-3.620e+05-7.574e+05-7.574e+05-3.620e+05 609.68
		328	25.16	-13.47	-24.63	-24.59	-13.51	0.60-3.610e+05-7.726e+05-7.693e+05-3.644e+053.689e+04
		329	25.95	-17.76	-25.43	-25.38	-17.81	0.60-4.674e+05-7.932e+05-7.890e+05-4.716e+053.686e+04
291	8	352	6.11	-3.54	-5.02	-5.01	-3.55	0.12-1.217e+05-1.847e+05-1.846e+05-1.218e+05 2341.81
		351	5.86	-2.68	-4.83	-4.82	-2.68	0.12-9.983e+04-1.799e+05-1.799e+05-9.983e+04 60.00
		328	5.96	-2.69	-4.93	-4.92	-2.70	0.12-9.963e+04-1.829e+05-1.822e+05-1.003e+05 7439.02
		329	6.18	-3.55	-5.09	-5.08	-3.56	0.12-1.213e+05-1.871e+05-1.862e+05-1.221e+05 7414.88
291	11	352	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 -53.17
		351	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 -77.33
		328	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 77.33
		329	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 53.17
292	1	353	52.33	-35.49	-51.44	-51.35	-35.58	1.23-9.465e+05-1.599e+06-1.598e+06-9.471e+051.998e+04
		352	50.82	-29.01	-50.01	-49.94	-29.08	1.23-7.779e+05-1.562e+06-1.562e+06-7.779e+05 2261.99
		329	51.86	-29.20	-50.95	-50.88	-29.27	1.23-7.755e+05-1.593e+06-1.586e+06-7.828e+057.685e+04
		330	53.13	-35.64	-52.16	-52.07	-35.73	1.23-9.421e+05-1.626e+06-1.617e+06-9.508e+057.681e+04
292	5	353	35.05	-23.66	-34.30	-34.23	-23.72	0.82-6.357e+05-1.071e+06-1.070e+06-6.361e+051.331e+04
		352	34.04	-19.34	-33.34	-33.29	-19.39	0.82-5.233e+05-1.046e+06-1.046e+06-5.233e+05 1489.89
		329	34.73	-19.47	-33.97	-33.92	-19.51	0.82-5.217e+05-1.067e+06-1.062e+06-5.265e+055.125e+04
		330	35.59	-23.76	-34.77	-34.71	-23.82	0.82-6.328e+05-1.089e+06-1.083e+06-6.386e+055.122e+04
292	8	353	8.04	-4.73	-6.86	-6.85	-4.74	0.16-1.557e+05-2.440e+05-2.439e+05-1.558e+05 2578.29
		352	7.79	-3.87	-6.67	-6.66	-3.88	0.16-1.327e+05-2.389e+05-2.389e+05-1.327e+05 189.24
		329	7.92	-3.89	-6.79	-6.78	-3.90	0.16-1.324e+05-2.431e+05-2.422e+05-1.334e+051.036e+04
		330	8.14	-4.75	-6.95	-6.94	-4.76	0.16-1.551e+05-2.475e+05-2.464e+05-1.563e+051.033e+04
292	11	353	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 -103.43
		352	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 -135.75
		329	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 135.75
		330	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 103.43
293	1	348	67.23	-44.51	-65.32	-65.20	-44.63	1.55-1.213e+06-2.055e+06-2.054e+06-1.213e+061.902e+04
		353	65.57	-37.98	-63.88	-63.78	-38.07	1.55-1.031e+06-2.015e+06-2.015e+06-1.031e+06 -64.53
		330	66.94	-38.22	-65.05	-64.96	-38.31	1.55-1.028e+06-2.057e+06-2.047e+06-1.037e+069.947e+04
		325	68.35	-44.71	-66.27	-66.15	-44.82	1.55-1.207e+06-2.092e+06-2.080e+06-1.219e+069.942e+04
293	5	348	45.00	-29.68	-43.55	-43.47	-29.75	1.03-8.135e+05-1.375e+06-1.375e+06-8.137e+051.266e+04
		353	43.89	-25.32	-42.58	-42.52	-25.38	1.03-6.921e+05-1.348e+06-1.348e+06-6.921e+05 -70.97
		330	44.80	-25.48	-43.37	-43.31	-25.54	1.03-6.899e+05-1.377e+06-1.370e+06-6.964e+056.634e+04
		325	45.74	-29.81	-44.18	-44.10	-29.88	1.03-8.097e+05-1.400e+06-1.392e+06-8.172e+056.630e+04
293	8	348	10.08	-5.94	-8.71	-8.69	-5.95	0.21-1.922e+05-3.065e+05-3.065e+05-1.922e+05 2396.47
		353	9.82	-5.06	-8.52	-8.50	-5.08	0.21-1.673e+05-3.011e+05-3.011e+05-1.673e+05 -182.13
		330	9.99	-5.10	-8.67	-8.66	-5.11	0.21-1.669e+05-3.067e+05-3.054e+05-1.682e+051.344e+04
		325	10.22	-5.96	-8.84	-8.82	-5.98	0.21-1.914e+05-3.115e+05-3.100e+05-1.929e+051.340e+04
293	11	348	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 -169.34
		353	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 -209.66
		330	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 209.66
		325	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 169.34
294	1	349	64.85	530.45	-31.72	523.02	-24.30	-64.17-1.260e+06-1.937e+06-1.935e+06-1.262e+063.770e+04
		348	63.97	553.16	66.47	544.55	75.08	-64.17-1.181e+06-1.919e+06-1.917e+06-1.182e+062.932e+04
		325	64.83	527.79	60.94	518.80	69.93	-64.17-1.175e+06-1.949e+06-1.938e+06-1.186e+069.196e+04
		326	65.59	508.37	-36.42	500.71	-28.76	-64.17-1.253e+06-1.965e+06-1.953e+06-1.265e+069.199e+04
294	5	349	43.39	353.63	-21.14	348.68	-16.20	-42.78-8.445e+05-1.296e+06-1.294e+06-8.459e+052.515e+04
		348	42.80	368.77	44.31	363.03	50.06	-42.78-7.921e+05-1.283e+06-1.283e+06-7.929e+051.957e+04
		325	43.37	351.86	40.63	345.87	46.62	-42.78-7.883e+05-1.304e+06-1.296e+06-7.957e+056.129e+04
		326	43.88	338.92	-24.28	333.81	-19.17	-42.78-8.402e+05-1.314e+06-1.306e+06-8.483e+056.131e+04
294	8	349	9.62	70.73	-4.23	69.74	-3.24	-8.56-1.970e+05-2.855e+05-2.852e+05-1.973e+05 5143.50
		348	9.50	73.75	8.86	72.61	10.01	-8.56-1.869e+05-2.832e+05-2.830e+05-1.870e+05 4044.01
		325	9.60	70.37	8.13	69.17	9.32	-8.56-1.861e+05-2.872e+05-2.858e+05-1.876e+051.213e+04
		326	9.72	67.78	-4.86	66.76	-3.83	-8.56-1.962e+05-2.892e+05-2.876e+05-1.978e+051.215e+04
294	11	349	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 141.54
		348	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 163.32
		325	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 -163.31
		326	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 -141.54
295	1	354	59.70	489.41	-73.06	485.64	-69.30	-45.88-8.636e+05-1.367e+06-1.360e+06-8.700e+055.615e+04
		349	59.54	501.95	-16.95	497.86	-12.87	-45.88-8.509e+05-1.363e+06-1.357e+06-8.568e+055.472e+04
		326	59.72	488.39	-19.77	484.22	-15.59	-45.88-8.494e+05-1.369e+06-1.361e+06-8.575e+056.440e+04
		331	59.85	477.78	-75.47	473.94	-71.64	-45.88-8.623e+05-1.371e+06-1.363e+06-8.706e+056.445e+04
295	5	354	39.92	326.27	-48.71	323.76	-46.20	-30.58-5.787e+05-9.136e+05-9.094e+05-5.830e+053.746e+04
		349	39.82	334.63	-11.30	331.91	-8.58	-30.58-5.703e+05-9.114e+05-9.075e+05-5.743e+053.651e+04
		326	39.93	325.60	-13.18	322.81	-10.40	-30.58-5.693e+05-9.152e+05-9.097e+05-5.747e+054.291e+04
		331	40.02	318.52	-50.31	315.96	-47.76	-30.58-5.778e+05-9.168e+05-9.113e+05-5.834e+054.294e+04
295	8	354	8.72	65.25	-9.74	64.75	-9.24	-6.12-1.337e+05-1.985e+05-1.976e+05-1.346e+05 7641.83
		349	8.71	66.93	-2.26	66.38	-1.72	-6.12-1.324e+05-1.981e+05-1.973e+05-1.333e+05 7477.86
		326	8.73	65.12	-2.64	64.56	-2.08	-6.12-1.323e+05-1.988e+05-1.977e+05-1.334e+05 8405.53

		331	8.74	63.70	-10.06	63.19	-9.55	-6.12	-1.335e+05	-1.991e+05	-1.979e+05	-1.346e+05	8436.99
295	11	354	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		349	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
		326	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		331	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
296	1	355	46.05	431.90	-95.18	429.82	-93.10	-33.08	-6.587e+05	-9.346e+05	-9.210e+05	-6.722e+05	5.963e+04
		354	46.61	436.89	-72.54	434.74	-70.38	-33.08	-6.802e+05	-9.417e+05	-9.261e+05	-6.958e+05	6.202e+04
		331	46.15	430.64	-73.82	428.46	-71.64	-33.08	-6.870e+05	-9.277e+05	-9.200e+05	-6.946e+05	4.219e+04
		332	45.64	426.43	-96.30	424.33	-94.19	-33.08	-6.641e+05	-9.228e+05	-9.157e+05	-6.712e+05	4.227e+04
296	5	355	30.78	287.93	-63.45	286.55	-62.06	-22.05	-4.412e+05	-6.244e+05	-6.152e+05	-4.504e+05	3.981e+04
		354	31.16	291.26	-48.36	289.82	-46.92	-22.05	-4.557e+05	-6.292e+05	-6.187e+05	-4.663e+05	4.142e+04
		331	30.85	287.09	-49.21	285.64	-47.76	-22.05	-4.604e+05	-6.197e+05	-6.146e+05	-4.655e+05	2.805e+04
		332	30.50	284.28	-64.20	282.88	-62.80	-22.05	-4.449e+05	-6.165e+05	-6.117e+05	-4.496e+05	2.812e+04
296	8	355	6.63	57.59	-12.69	57.31	-12.41	-4.41	-1.009e+05	-1.329e+05	-1.305e+05	-1.033e+05	8338.81
		354	6.74	58.25	-9.67	57.96	-9.38	-4.41	-1.046e+05	-1.342e+05	-1.314e+05	-1.075e+05	8713.17
		331	6.67	57.42	-9.84	57.13	-9.55	-4.41	-1.062e+05	-1.317e+05	-1.306e+05	-1.073e+05	5180.44
		332	6.57	56.86	-12.84	56.58	-12.56	-4.41	-1.021e+05	-1.308e+05	-1.298e+05	-1.031e+05	5247.67
296	11	355	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.70
		354	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	537.94
		331	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	-537.94
		332	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	-470.70
297	1	356	35.71	373.97	-103.77	372.67	-102.47	-24.88	-4.856e+05	-6.398e+05	-6.176e+05	-5.079e+05	5.423e+04
		355	36.69	375.74	-95.71	374.42	-94.40	-24.88	-5.107e+05	-6.535e+05	-6.244e+05	-5.398e+05	5.749e+04
		332	35.89	373.24	-96.22	371.91	-94.90	-24.88	-5.292e+05	-6.238e+05	-6.151e+05	-5.379e+05	2.733e+04
		333	35.00	371.75	-104.22	370.44	-102.92	-24.88	-4.994e+05	-6.161e+05	-6.092e+05	-5.062e+05	2.743e+04
297	5	356	23.86	249.32	-69.18	248.45	-68.31	-16.59	-3.251e+05	-4.272e+05	-4.121e+05	-3.402e+05	3.623e+04
		355	24.52	250.49	-63.81	249.62	-62.93	-16.59	-3.419e+05	-4.364e+05	-4.167e+05	-3.616e+05	3.841e+04
		332	23.98	248.82	-64.15	247.94	-63.27	-16.59	-3.545e+05	-4.164e+05	-4.105e+05	-3.604e+05	1.814e+04
		333	23.38	247.83	-69.48	246.96	-68.61	-16.59	-3.345e+05	-4.111e+05	-4.065e+05	-3.391e+05	1.821e+04
297	8	356	5.07	49.86	-13.84	49.69	-13.66	-3.32	-7.256e+04	-8.965e+04	-8.480e+04	-7.740e+04	7706.68
		355	5.26	50.10	-12.76	49.92	-12.59	-3.32	-7.602e+04	-9.272e+04	-8.595e+04	-8.279e+04	8200.40
		332	5.14	49.76	-12.83	49.59	-12.65	-3.32	-8.033e+04	-8.691e+04	-8.470e+04	-8.254e+04	3109.51
		333	4.97	49.57	-13.90	49.39	-13.72	-3.32	-7.589e+04	-8.499e+04	-8.369e+04	-7.718e+04	3181.45
297	11	356	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.48
		355	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.41
		332	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.42
		333	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
298	1	357	27.77	322.55	-105.00	321.67	-104.12	-19.37	-3.427e+05	-4.411e+05	-4.085e+05	-3.754e+05	4.632e+04
		356	28.95	322.89	-103.45	322.00	-102.57	-19.37	-3.608e+05	-4.601e+05	-4.151e+05	-4.059e+05	4.944e+04
		333	27.99	322.35	-103.56	321.47	-102.68	-19.37	-3.870e+05	-4.219e+05	-4.051e+05	-4.039e+05	1.742e+04
		334	26.88	322.07	-105.09	321.19	-104.21	-19.37	-3.647e+05	-4.083e+05	-3.995e+05	-3.736e+05	1.750e+04
298	5	357	18.54	215.03	-70.00	214.45	-69.41	-12.91	-2.291e+05	-2.944e+05	-2.722e+05	-2.513e+05	3.096e+04
		356	19.34	215.26	-68.97	214.67	-68.38	-12.91	-2.411e+05	-3.073e+05	-2.766e+05	-2.718e+05	3.304e+04
		333	18.69	214.90	-69.04	214.31	-68.45	-12.91	-2.587e+05	-2.817e+05	-2.700e+05	-2.705e+05	1.153e+04
		334	17.94	214.71	-70.06	214.13	-69.47	-12.91	-2.440e+05	-2.723e+05	-2.662e+05	-2.501e+05	1.159e+04
298	8	357	3.89	43.01	-14.00	42.89	-13.88	-2.58	-4.843e+04	-6.204e+04	-5.380e+04	-5.667e+04	6655.21
		356	4.11	43.05	-13.79	42.93	-13.68	-2.58	-5.041e+04	-6.622e+04	-5.488e+04	-6.174e+04	7124.15
		333	3.98	42.98	-13.81	42.86	-13.69	-2.58	-5.317e+04	-6.186e+04	-5.355e+04	-6.148e+04	1790.39
		334	3.76	42.94	-14.01	42.83	-13.89	-2.58	-5.185e+04	-5.718e+04	-5.260e+04	-5.643e+04	1854.82
298	11	357	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.94
		356	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	644.38
		333	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.55	-644.37
		334	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
299	1	358	21.37	277.19	-102.41	276.57	-101.78	-15.41	-2.273e+05	-3.041e+05	-2.603e+05	-2.711e+05	3.802e+04
		357	22.65	276.90	-103.77	276.27	-103.14	-15.41	-2.379e+05	-3.252e+05	-2.659e+05	-2.972e+05	4.069e+04
		334	21.62	277.41	-103.66	276.79	-103.04	-15.41	-2.538e+05	-2.980e+05	-2.565e+05	-2.953e+05	1.057e+04
		335	20.40	277.66	-102.31	277.04	-101.68	-15.41	-2.467e+05	-2.744e+05	-2.517e+05	-2.694e+05	1.064e+04
299	5	358	14.26	184.80	-68.27	184.38	-67.85	-10.27	-1.515e+05	-2.030e+05	-1.731e+05	-1.815e+05	2.542e+04
		357	15.12	184.60	-69.18	184.18	-68.76	-10.27	-1.586e+05	-2.173e+05	-1.769e+05	-1.990e+05	2.721e+04
		334	14.43	184.94	-69.11	184.53	-68.69	-10.27	-1.689e+05	-1.994e+05	-1.706e+05	-1.977e+05	6968.46
		335	13.61	185.11	-68.21	184.69	-67.79	-10.27	-1.643e+05	-1.834e+05	-1.674e+05	-1.803e+05	7022.13
299	8	358	2.96	36.96	-13.65	36.88	-13.57	-2.05	-2.953e+04	-4.325e+04	-3.230e+04	-4.048e+04	5512.40
		357	3.20	36.92	-13.84	36.84	-13.75	-2.05	-3.074e+04	-4.728e+04	-3.322e+04	-4.479e+04	5912.46
		334	3.07	36.99	-13.82	36.91	-13.74	-2.05	-3.190e+04	-4.461e+04	-3.197e+04	-4.454e+04	922.70
		335	2.83	37.02	-13.64	36.94	-13.56	-2.05	-3.106e+04	-4.035e+04	-3.116e+04	-4.025e+04	976.25
299	11	358	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		357	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.14	589.07
		334	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.08
		335	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
300	1	359	16.19	236.64	-97.94	236.18	-97.48	-12.40	-1.378e+05	-2.083e+05	-1.547e+05	-1.914e+05	3.012e+04
		358	17.51	236.08	-100.48	235.62	-100.03	-12.40	-1.440e+05	-2.277e+05	-1.593e+05	-2.124e+05	3.227e+04
		335	16.59	237.14	-100.27	236.68	-99.81	-12.40	-1.504e+05	-2.113e+05	-1.510e+05	-2.108e+05	5795.76
		336	15.21	237.60	-97.74	237.14	-97.28	-12.40	-1.464e+05	-1.907e+05	-1.471e+05	-1.899e+05	5851.11
300	5	359	10.80	157.76	-65.29	157.45	-64.98	-8.27	-9.152e+04	-1.391e+05	-1.026e+05	-1.280e+05	2.014e+04
		358	11.69	157.39	-66.99	157.08	-66.68	-8.27	-9.566e+04	-1.522e+05	-1.057e+05	-1.422e+05	2.158e+04
		335	11.09	158.09	-66.85	157.79	-66.54	-8.27	-9.981e+04	-1.414e+05	-1.002e+05	-1.410e+05	3795.85
		336	10.14	158.40	-65.16	158.10	-64.86	-8.27	-9.708e+04	-1.275e+05	-9.758e+04	-1.270e+05	3838.41

300	8	359	2.28	31.55	-13.06	31.49	-13.00	-1.65	-1.587e+04	-2.977e+04	-1.744e+04	-2.820e+04	4402.59
		358	2.55	31.48	-13.40	31.42	-13.34	-1.65	-1.669e+04	-3.316e+04	-1.818e+04	-3.167e+04	4724.52
		335	2.43	31.62	-13.37	31.56	-13.31	-1.65	-1.707e+04	-3.146e+04	-1.708e+04	-3.145e+04	351.43
		336	2.17	31.68	-13.03	31.62	-12.97	-1.65	-1.642e+04	-2.801e+04	-1.643e+04	-2.800e+04	393.92
300	11	359	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	467.43
		358	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.52	-4044.99	509.93
		335	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		336	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
301	1	360	12.43	202.09	-92.17	201.74	-91.83	-10.11	-7.363e+04	-1.405e+05	-8.320e+04	-1.309e+05	2.341e+04
		359	13.87	201.46	-95.07	201.11	-94.72	-10.11	-7.770e+04	-1.564e+05	-8.675e+04	-1.473e+05	2.509e+04
		336	13.07	202.76	-94.81	202.41	-94.46	-10.11	-7.962e+04	-1.460e+05	-7.973e+04	-1.459e+05	2661.69
		337	11.63	203.29	-91.93	202.94	-91.59	-10.11	-7.658e+04	-1.297e+05	-7.672e+04	-1.296e+05	2704.14
301	5	360	8.31	134.72	-61.45	134.49	-61.22	-6.74	-4.862e+04	-9.380e+04	-5.492e+04	-8.750e+04	1.566e+04
		359	9.28	134.30	-63.38	134.07	-63.15	-6.74	-5.133e+04	-1.045e+05	-5.730e+04	-9.854e+04	1.678e+04
		336	8.74	135.17	-63.21	134.94	-62.98	-6.74	-5.256e+04	-9.767e+04	-5.262e+04	-9.760e+04	1717.99
		337	7.78	135.52	-61.29	135.29	-61.06	-6.74	-5.052e+04	-8.672e+04	-5.060e+04	-8.664e+04	1750.64
301	8	360	1.83	26.94	-12.29	26.90	-12.24	-1.35	-6736.82	-1.994e+04	-7706.26	-1.897e+04	3443.94
		359	2.07	26.86	-12.68	26.81	-12.63	-1.35	-7329.39	-2.263e+04	-8281.30	-2.167e+04	3695.23
		336	1.98	27.03	-12.64	26.99	-12.60	-1.35	-7345.51	-2.149e+04	-7345.51	-2.149e+04	4.93
		337	1.73	27.10	-12.26	27.06	-12.21	-1.35	-6842.33	-1.880e+04	-6842.45	-1.880e+04	37.51
301	11	360	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		359	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.51
		336	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		337	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94
302	1	361	9.90	171.88	-85.83	171.61	-85.56	-8.28	-2.993e+04	-9.181e+04	-3.554e+04	-8.619e+04	1.777e+04
		360	11.24	171.26	-88.68	171.00	-88.42	-8.28	-3.274e+04	-1.042e+05	-3.825e+04	-9.872e+04	1.906e+04
		337	10.62	172.64	-88.40	172.38	-88.14	-8.28	-3.247e+04	-9.757e+04	-3.248e+04	-9.757e+04	645.25
		338	9.27	173.16	-85.57	172.89	-85.31	-8.28	-3.018e+04	-8.513e+04	-3.019e+04	-8.512e+04	676.81
302	5	361	6.63	114.59	-57.22	114.41	-57.04	-5.52	-1.947e+04	-6.129e+04	-2.318e+04	-5.758e+04	1.189e+04
		360	7.53	114.17	-59.12	114.00	-58.94	-5.52	-2.135e+04	-6.964e+04	-2.499e+04	-6.600e+04	1.275e+04
		337	7.11	115.09	-58.93	114.92	-58.76	-5.52	-2.114e+04	-6.523e+04	-2.115e+04	-6.523e+04	384.91
		338	6.21	115.44	-57.05	115.26	-56.87	-5.52	-1.960e+04	-5.687e+04	-1.961e+04	-5.687e+04	409.18
302	8	361	1.54	22.92	-11.44	22.88	-11.41	-1.10	-915.91	-1.285e+04	-1527.03	-1.224e+04	2630.34
		360	1.76	22.83	-11.82	22.80	-11.79	-1.10	-1348.35	-1.490e+04	-1963.59	-1.429e+04	2821.53
		337	1.69	23.02	-11.79	22.98	-11.75	-1.10	-1191.44	-1.414e+04	-1194.36	-1.413e+04	-194.46
		338	1.47	23.09	-11.41	23.05	-11.37	-1.10	-810.18	-1.210e+04	-812.75	-1.209e+04	-170.22
302	11	361	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		360	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
		337	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		338	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	-315.18
303	1	362	8.41	144.65	-79.36	144.45	-79.15	-6.77	-2315.12	-5.772e+04	-5591.69	-5.445e+04	1.307e+04
		361	9.57	144.09	-81.97	143.88	-81.76	-6.77	-4282.39	-6.701e+04	-7589.64	-6.370e+04	1.402e+04
		338	9.18	145.44	-81.70	145.24	-81.49	-6.77	-3010.41	-6.279e+04	-3015.64	-6.279e+04	-559.04
		339	8.03	145.92	-79.10	145.71	-78.90	-6.77	-1317.12	-5.360e+04	-1322.62	-5.359e+04	-536.36
303	5	362	5.64	96.44	-52.90	96.30	-52.77	-4.51	-1106.01	-3.851e+04	-3276.72	-3.634e+04	8745.55
		361	6.42	96.06	-54.65	95.92	-54.51	-4.51	-2424.83	-4.475e+04	-4617.51	-4.256e+04	9380.65
		338	6.16	96.96	-54.46	96.82	-54.33	-4.51	-1564.06	-4.195e+04	-1568.17	-4.195e+04	-407.54
		339	5.39	97.28	-52.74	97.14	-52.60	-4.51	-426.37	-3.578e+04	-430.67	-3.577e+04	-390.10
303	8	362	1.39	19.29	-10.58	19.26	-10.55	-0.90	2427.06	-7908.96	2047.41	-7529.30	1944.21
		361	1.57	19.21	-10.93	19.18	-10.90	-0.90	2116.16	-9426.98	1726.33	-9037.15	2085.17
		338	1.53	19.39	-10.89	19.36	-10.87	-0.90	2343.69	-8922.67	2336.19	-8915.17	-290.55
		339	1.36	19.46	-10.55	19.43	-10.52	-0.90	2624.05	-7422.89	2616.62	-7415.46	-273.12
303	11	362	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.94
		361	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		338	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		339	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
304	1	363	7.69	121.31	-72.64	121.16	-72.48	-5.54	1.313e+04	-3.415e+04	1.117e+04	-3.219e+04	9425.58
		362	8.60	120.82	-74.94	120.66	-74.78	-5.54	1.174e+04	-4.092e+04	9720.23	-3.890e+04	1.011e+04
		339	8.44	122.09	-74.68	121.93	-74.52	-5.54	1.329e+04	-3.822e+04	1.327e+04	-3.820e+04	-1162.72
		340	7.54	122.51	-72.40	122.35	-72.24	-5.54	1.452e+04	-3.155e+04	1.449e+04	-3.153e+04	-1146.89
304	5	363	5.17	80.88	-48.42	80.77	-48.32	-3.69	9119.00	-2.276e+04	7817.66	-2.146e+04	6308.05
		362	5.78	80.54	-49.96	80.44	-49.85	-3.69	8186.98	-2.731e+04	6845.36	-2.597e+04	6769.01
		339	5.67	81.39	-49.79	81.29	-49.68	-3.69	9227.19	-2.551e+04	9208.71	-2.549e+04	-801.10
		340	5.08	81.67	-48.27	81.57	-48.16	-3.69	1.005e+04	-2.104e+04	1.003e+04	-2.102e+04	-788.93
304	8	363	1.33	16.18	-9.68	16.15	-9.66	-0.74	4027.45	-4521.77	3789.06	-4283.38	1407.57
		362	1.46	16.11	-9.99	16.09	-9.97	-0.74	3805.98	-5617.88	3557.65	-5369.55	1509.49
		339	1.45	16.28	-9.96	16.26	-9.94	-0.74	4041.03	-5285.73	4030.32	-5275.02	-315.90
		340	1.32	16.33	-9.65	16.31	-9.63	-0.74	4243.12	-4205.69	4232.19	-4194.75	-303.74
304	11	363	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		362	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.65
		339	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	-194.64
		340	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
305	1	364	7.42	100.07	-66.04	99.95	-65.92	-4.48	1.975e+04	-1.877e+04	1.861e+04	-1.764e+04	6520.62
		363	8.09	99.65	-68.00	99.53	-67.88	-4.48	1.880e+04	-2.351e+04	1.760e+04	-2.232e+04	7001.57
		340	8.11	100.80	-67.77	100.68	-67.65	-4.48	2.028e+04	-2.184e+04	2.024e+04	-2.179e+04	-1353.71
		341	7.47	101.16	-65.82	101.03	-65.70	-4.48	2.114e+04	-1.719e+04	2.109e+04	-1.714e+04	-1343.16
305	5	364	5.00	66.71	-44.02	66.63	-43.94	-2.99	1.345e+04	-1.249e+04	1.269e+04	-1.174e+04	4364.37

		363	5.44	66.43	-45.33	66.35	-45.25	-2.99	1.281e+04	-1.567e+04	1.202e+04	-1.488e+04	4686.08
		340	5.46	67.20	-45.18	67.12	-45.10	-2.99	1.380e+04	-1.456e+04	1.377e+04	-1.453e+04	-920.84
		341	5.02	67.44	-43.88	67.36	-43.80	-2.99	1.438e+04	-1.144e+04	1.435e+04	-1.141e+04	-912.73
305	8	364	1.29	13.34	-8.80	13.33	-8.79	-0.60	4390.52	-2359.90	4246.15	-2215.53	976.59
		363	1.38	13.29	-9.07	13.27	-9.05	-0.60	4238.21	-3119.26	4085.95	-2967.00	1047.41
		340	1.39	13.44	-9.04	13.42	-9.02	-0.60	4448.68	-2908.60	4436.88	-2896.81	-294.37
		341	1.30	13.49	-8.78	13.47	-8.76	-0.60	4588.60	-2161.63	4576.44	-2149.47	-286.26
305	11	364	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		363	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
		340	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		341	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
306	1	365	7.29	81.75	-59.36	81.66	-59.27	-3.61	2.079e+04	-9048.45	2.013e+04	-8392.77	4374.27
		364	7.75	81.40	-61.00	81.31	-60.91	-3.61	2.015e+04	-1.226e+04	1.945e+04	-1.156e+04	4700.45
		341	7.89	82.41	-60.79	82.32	-60.70	-3.61	2.139e+04	-1.124e+04	2.134e+04	-1.119e+04	-1292.03
		342	7.44	82.71	-59.17	82.62	-59.08	-3.61	2.198e+04	-8090.35	2.192e+04	-8035.31	-1285.30
306	5	365	4.90	54.50	-39.58	54.44	-39.51	-2.40	1.407e+04	-6002.92	1.363e+04	-5566.27	2927.93
		364	5.21	54.27	-40.67	54.20	-40.60	-2.40	1.364e+04	-8157.75	1.317e+04	-7693.69	3146.07
		341	5.30	54.94	-40.53	54.88	-40.47	-2.40	1.447e+04	-7476.21	1.443e+04	-7441.36	-873.80
		342	5.00	55.14	-39.45	55.08	-39.39	-2.40	1.486e+04	-5365.33	1.482e+04	-5327.96	-868.61
306	8	365	1.25	10.90	-7.92	10.89	-7.90	-0.48	4055.46	-1027.05	3969.31	-940.90	656.08
		364	1.31	10.85	-8.13	10.84	-8.12	-0.48	3953.50	-1536.90	3861.73	-1445.13	703.86
		341	1.33	10.99	-8.11	10.98	-8.09	-0.48	4125.33	-1405.93	4114.07	-1394.66	-249.40
		342	1.27	11.03	-7.89	11.02	-7.88	-0.48	4219.29	-904.90	4207.62	-893.24	-244.22
306	11	365	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		364	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		341	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		342	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
307	1	366	7.05	65.42	-52.77	65.35	-52.70	-2.85	1.834e+04	-3449.48	1.797e+04	-3084.50	2796.01
		365	7.37	65.13	-54.10	65.06	-54.03	-2.85	1.792e+04	-5527.18	1.753e+04	-5134.93	3007.20
		342	7.56	66.00	-53.92	65.93	-53.86	-2.85	1.887e+04	-4925.19	1.882e+04	-4875.86	-1082.31
		343	7.26	66.24	-52.60	66.18	-52.53	-2.85	1.925e+04	-2891.70	1.920e+04	-2839.07	-1078.25
307	5	366	4.74	43.61	-35.18	43.57	-35.13	-1.90	1.236e+04	-2272.71	1.212e+04	-2029.37	1871.49
		365	4.95	43.42	-36.07	43.37	-36.02	-1.90	1.209e+04	-3665.75	1.182e+04	-3404.22	2012.70
		342	5.08	44.00	-35.95	43.96	-35.90	-1.90	1.272e+04	-3264.86	1.269e+04	-3231.51	-729.44
		343	4.88	44.16	-35.07	44.12	-35.02	-1.90	1.297e+04	-1901.30	1.294e+04	-1865.75	-726.32
307	8	366	1.18	8.72	-7.04	8.71	-7.03	-0.38	3316.83	-294.20	3267.48	-244.86	419.21
		365	1.22	8.68	-7.21	8.67	-7.20	-0.38	3251.66	-620.23	3198.65	-567.21	449.95
		342	1.25	8.80	-7.19	8.79	-7.18	-0.38	3380.91	-542.22	3371.36	-532.67	-193.30
		343	1.21	8.83	-7.01	8.82	-7.00	-0.38	3441.00	-222.04	3431.10	-212.14	-190.18
307	11	366	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		365	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
		342	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		343	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
308	1	367	6.50	50.34	-46.35	50.30	-46.30	-2.17	1.389e+04	-732.74	1.370e+04	-543.08	1654.35
		366	6.71	50.12	-47.40	50.07	-47.36	-2.17	1.364e+04	-1976.11	1.343e+04	-1770.27	1780.96
		343	6.92	50.84	-47.26	50.79	-47.21	-2.17	1.429e+04	-1646.27	1.425e+04	-1606.47	-795.40
		344	6.71	51.03	-46.21	50.99	-46.17	-2.17	1.452e+04	-429.69	1.448e+04	-387.48	-793.20
308	5	367	4.36	33.56	-30.90	33.53	-30.87	-1.45	9344.16	-468.11	9217.59	-341.54	1107.20
		366	4.50	33.41	-31.60	33.38	-31.57	-1.45	9177.37	-1301.33	9040.01	-1163.97	1191.84
		343	4.64	33.90	-31.51	33.86	-31.47	-1.45	9612.80	-1081.58	9585.99	-1054.77	-534.80
		344	4.51	34.02	-30.81	33.99	-30.78	-1.45	9764.69	-266.22	9736.28	-237.81	-533.10
308	8	367	1.06	6.71	-6.18	6.71	-6.17	-0.29	2384.62	28.05	2358.38	54.28	247.26
		366	1.09	6.68	-6.32	6.68	-6.31	-0.29	2346.11	-164.42	2317.70	-136.01	265.55
		343	1.12	6.78	-6.30	6.77	-6.29	-0.29	2433.96	-121.23	2426.90	-114.17	-134.14
		344	1.09	6.80	-6.16	6.80	-6.16	-0.29	2469.45	67.70	2462.12	75.03	-132.44
308	11	367	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		366	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		343	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		344	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
309	1	368	5.69	37.20	-39.94	37.17	-39.91	-1.59	9268.87	354.37	9176.27	446.97	903.83
		367	5.83	37.03	-40.74	36.99	-40.71	-1.59	9131.16	-331.95	9029.85	-230.64	973.88
		344	6.03	37.61	-40.63	37.58	-40.60	-1.59	9534.61	-163.22	9506.67	-135.28	-519.82
		345	5.89	37.76	-39.83	37.73	-39.80	-1.59	9659.88	508.30	9630.39	537.79	-518.75
309	5	368	3.82	24.80	-26.63	24.78	-26.60	-1.06	6226.29	249.61	6164.46	311.44	604.75
		367	3.91	24.68	-27.16	24.66	-27.14	-1.06	6134.07	-210.03	6066.43	-142.39	651.57
		344	4.04	25.07	-27.09	25.05	-27.06	-1.06	6403.08	-97.59	6384.31	-78.81	-348.86
		345	3.95	25.17	-26.55	25.15	-26.53	-1.06	6487.01	352.18	6467.20	371.99	-348.03
309	8	368	0.90	4.96	-5.33	4.96	-5.32	-0.21	1527.44	129.80	1514.44	142.80	134.18
		367	0.92	4.94	-5.43	4.93	-5.43	-0.21	1506.50	25.29	1492.32	39.47	144.21
		344	0.95	5.01	-5.42	5.01	-5.41	-0.21	1560.54	47.54	1555.90	52.19	-83.67
		345	0.93	5.03	-5.31	5.03	-5.31	-0.21	1579.80	150.10	1574.99	154.91	-82.84
309	11	368	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		367	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		344	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		345	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
310	1	369	4.49	25.25	-33.64	25.23	-33.62	-1.08	5099.01	489.43	5059.46	528.98	425.15
		368	4.58	25.12	-34.22	25.10	-34.20	-1.08	5033.71	164.87	4990.16	208.41	458.38

		345	4.73	25.56	-34.13	25.54	-34.11	-1.08	5243.70	240.00	5227.77	255.93	-281.90
		346	4.64	25.67	-33.55	25.65	-33.53	-1.08	5303.02	557.59	5286.27	574.34	-281.48
310	5	369	3.01	16.83	-22.42	16.82	-22.41	-0.72	3420.33	333.52	3393.91	359.94	284.33
		368	3.07	16.75	-22.81	16.73	-22.80	-0.72	3376.63	116.33	3347.55	145.41	306.53
		345	3.17	17.04	-22.75	17.03	-22.74	-0.72	3516.64	166.41	3505.96	177.09	-188.87
		346	3.11	17.11	-22.37	17.10	-22.35	-0.72	3556.35	378.95	3545.12	390.18	-188.55
310	8	369	0.69	3.37	-4.48	3.36	-4.48	-0.14	810.00	109.96	804.42	115.54	62.27
		368	0.70	3.35	-4.56	3.35	-4.56	-0.14	800.29	61.63	794.17	67.75	66.97
		345	0.72	3.41	-4.55	3.41	-4.55	-0.14	828.35	71.59	825.85	74.09	-43.43
		346	0.71	3.42	-4.47	3.42	-4.47	-0.14	837.25	118.99	834.66	121.59	-43.11
310	11	369	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		368	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		345	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		346	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
311	1	370	2.92	14.43	-27.41	14.42	-27.40	-0.61	2040.64	261.15	2027.18	274.62	154.22
		369	2.97	14.34	-27.80	14.33	-27.79	-0.61	2017.14	144.62	2002.27	159.49	166.21
		346	3.07	14.65	-27.74	14.64	-27.73	-0.61	2098.73	170.98	2092.24	177.48	-111.73
		347	3.02	14.72	-27.35	14.71	-27.34	-0.61	2120.04	285.01	2113.23	291.83	-111.63
311	5	370	1.95	9.62	-18.27	9.61	-18.27	-0.41	1366.91	177.11	1357.91	186.10	103.04
		369	1.99	9.56	-18.53	9.55	-18.53	-0.41	1351.20	99.22	1341.27	109.15	111.04
		346	2.05	9.77	-18.49	9.76	-18.49	-0.41	1405.60	116.80	1401.25	121.15	-74.72
		347	2.02	9.82	-18.23	9.81	-18.23	-0.41	1419.84	193.01	1415.28	197.57	-74.64
311	8	370	0.43	1.92	-3.65	1.92	-3.65	-0.08	312.27	53.41	310.39	55.29	21.97
		369	0.44	1.91	-3.71	1.91	-3.71	-0.08	308.89	36.65	306.83	38.72	23.64
		346	0.45	1.95	-3.70	1.95	-3.70	-0.08	319.78	40.16	318.82	41.12	-16.37
		347	0.44	1.96	-3.65	1.96	-3.65	-0.08	322.86	56.58	321.86	57.58	-16.29
311	11	370	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		369	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		346	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		347	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
312	1	38	1.28	4.57	-21.27	4.57	-21.27	-0.20	421.11	49.55	418.33	52.32	31.99
		370	1.31	4.52	-21.50	4.52	-21.49	-0.20	416.46	26.53	413.41	29.58	34.38
		347	1.34	4.70	-21.46	4.70	-21.46	-0.20	433.58	32.04	432.26	33.35	-22.90
		37	1.32	4.74	-21.24	4.74	-21.23	-0.20	437.78	54.56	436.40	55.94	-22.90
312	5	38	0.85	3.04	-14.18	3.04	-14.18	-0.13	281.65	33.91	279.80	35.76	21.33
		370	0.87	3.01	-14.33	3.01	-14.33	-0.13	278.56	18.57	276.52	20.60	22.92
		347	0.90	3.14	-14.31	3.13	-14.30	-0.13	289.97	22.24	289.09	23.12	-15.27
		37	0.88	3.16	-14.16	3.16	-14.16	-0.13	292.77	37.26	291.85	38.17	-15.27
312	8	38	0.18	0.61	-2.84	0.61	-2.84	-0.03	61.84	12.06	61.47	12.43	4.28
		370	0.18	0.60	-2.87	0.60	-2.87	-0.03	61.22	8.98	60.81	9.39	4.60
		347	0.18	0.63	-2.86	0.63	-2.86	-0.03	63.50	9.72	63.32	9.89	-3.07
		37	0.18	0.63	-2.83	0.63	-2.83	-0.03	64.06	12.73	63.88	12.92	-3.07
312	11	38	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		370	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		347	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		37	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
313	1	350	10.45	-6.06	-9.56	-9.55	-6.07	0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	-2.074e+04
		373	10.45	-6.06	-9.56	-9.55	-6.07	0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	-2.074e+04
		1	10.45	-6.06	-9.56	-9.55	-6.07	0.19	-1.481e+05	-3.208e+05	-3.183e+05	-1.506e+05	-2.074e+04
313	5	350	7.11	-4.04	-6.37	-6.37	-4.05	0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	-1.382e+04
		373	7.11	-4.04	-6.37	-6.37	-4.05	0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	-1.382e+04
		1	7.11	-4.04	-6.37	-6.37	-4.05	0.13	-1.032e+05	-2.183e+05	-2.167e+05	-1.049e+05	-1.382e+04
313	8	350	2.34	-0.81	-1.27	-1.27	-0.81	0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	-2764.89
		373	2.34	-0.81	-1.27	-1.27	-0.81	0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	-2764.89
		1	2.34	-0.81	-1.27	-1.27	-0.81	0.03	-4.749e+04	-7.052e+04	-7.018e+04	-4.783e+04	-2764.89
313	11	350	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	5.25e-05
		373	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	5.25e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	5.25e-05
314	1	374	23.46	-16.08	-22.56	-22.17	-16.47	1.54	-4.233e+05	-7.170e+05	-7.055e+05	-4.348e+05	5.688e+04
		373	21.70	-9.63	-20.72	-20.50	-9.85	1.54	-2.523e+05	-6.606e+05	-6.598e+05	-2.530e+05	1.769e+04
		350	23.44	-9.97	-22.27	-22.07	-10.16	1.54	-2.538e+05	-7.107e+05	-7.028e+05	-2.616e+05	5.935e+04
		351	24.45	-16.29	-23.38	-23.02	-16.64	1.54	-4.191e+05	-7.495e+05	-7.290e+05	-4.395e+05	7.961e+04
314	5	374	15.80	-10.72	-15.04	-14.78	-10.98	1.03	-2.868e+05	-4.826e+05	-4.749e+05	-2.944e+05	3.792e+04
		373	14.60	-6.42	-13.81	-13.67	-6.57	1.03	-1.727e+05	-4.449e+05	-4.444e+05	-1.732e+05	1.179e+04
		350	15.76	-6.65	-14.84	-14.71	-6.78	1.03	-1.737e+05	-4.784e+05	-4.731e+05	-1.789e+05	3.957e+04
		351	16.45	-10.86	-15.58	-15.35	-11.10	1.03	-2.839e+05	-5.042e+05	-4.906e+05	-2.975e+05	5.308e+04
314	8	374	4.12	-2.14	-3.01	-2.96	-2.20	0.21	-8.462e+04	-1.240e+05	-1.225e+05	-8.613e+04	7568.47
		373	3.79	-1.28	-2.76	-2.73	-1.31	0.21	-6.154e+04	-1.164e+05	-1.163e+05	-6.164e+04	2328.74
		350	4.00	-1.33	-2.97	-2.94	-1.36	0.21	-6.174e+04	-1.231e+05	-1.221e+05	-6.279e+04	7942.95
		351	4.24	-2.17	-3.12	-3.07	-2.22	0.21	-8.404e+04	-1.283e+05	-1.256e+05	-8.675e+04	1.063e+04
314	11	374	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		373	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
		350	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		351	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
315	1	375	35.75	-24.04	-35.18	-34.52	-24.70	2.62	-6.328e+05	-1.094e+06	-1.076e+06	-6.511e+05	8.984e+04
		374	33.97	-18.14	-33.45	-32.99	-18.60	2.62	-4.931e+05	-1.043e+06	-1.037e+06	-4.990e+05	5.710e+04
		351	36.17	-18.60	-35.51	-35.09	-19.02	2.62	-4.901e+05	-1.109e+06	-1.090e+06	-5.095e+05	1.078e+05

		352	37.28	-24.39	-36.56	-35.97	-24.99	2.62-6.262e+05	-1.144e+06	-1.112e+06	-6.583e+051.247e+05
315	5	375	23.99	-16.03	-23.45	-23.02	-16.46	1.75-4.265e+05	-7.340e+05	-7.218e+05	-4.387e+055.989e+04
		374	22.80	-12.09	-22.30	-21.99	-12.40	1.75-3.333e+05	-7.003e+05	-6.963e+05	-3.373e+053.806e+04
		351	24.26	-12.40	-23.67	-23.40	-12.68	1.75-3.313e+05	-7.441e+05	-7.312e+05	-3.442e+057.187e+04
		352	25.01	-16.26	-24.38	-23.98	-16.66	1.75-4.221e+05	-7.671e+05	-7.458e+05	-4.435e+058.314e+04
315	8	375	5.78	-3.21	-4.69	-4.60	-3.29	0.35-1.131e+05	-1.752e+05	-1.728e+05	-1.155e+051.194e+04
		374	5.49	-2.42	-4.46	-4.40	-2.48	0.35-9.411e+04	-1.684e+05	-1.676e+05	-9.489e+04 7549.70
		351	5.77	-2.48	-4.73	-4.68	-2.54	0.35-9.370e+04	-1.772e+05	-1.746e+05	-9.628e+041.444e+04
		352	5.97	-3.25	-4.88	-4.80	-3.33	0.35-1.122e+05	-1.819e+05	-1.776e+05	-1.165e+051.667e+04
315	11	375	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04 -53.17
		374	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04 -77.33
		351	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04 77.33
		352	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04 53.17
316	1	376	48.86	-32.15	-47.99	-47.13	-33.02	3.59-8.603e+05	-1.496e+06	-1.474e+06	-8.820e+051.154e+05
		375	46.97	-26.24	-46.26	-45.59	-26.91	3.59-7.139e+05	-1.443e+06	-1.434e+06	-7.231e+058.121e+04
		352	49.98	-26.86	-48.96	-48.36	-27.46	3.59-7.089e+05	-1.534e+06	-1.506e+06	-7.374e+051.507e+05
		353	51.17	-32.66	-50.02	-49.24	-33.44	3.59-8.510e+05	-1.570e+06	-1.529e+06	-8.929e+051.684e+05
316	5	376	32.74	-21.44	-31.99	-31.42	-22.01	2.40-5.783e+05	-1.002e+06	-9.876e+05	-5.927e+057.692e+04
		375	31.47	-17.50	-30.84	-30.40	-17.94	2.40-4.806e+05	-9.670e+05	-9.609e+05	-4.867e+055.412e+04
		352	33.47	-17.91	-32.64	-32.24	-18.31	2.40-4.773e+05	-1.028e+06	-1.009e+06	-4.963e+051.005e+05
		353	34.28	-21.77	-33.34	-32.83	-22.29	2.40-5.721e+05	-1.052e+06	-1.024e+06	-6.000e+051.123e+05
316	8	376	7.57	-4.29	-6.40	-6.28	-4.40	0.48-1.443e+05	-2.301e+05	-2.273e+05	-1.471e+051.530e+04
		375	7.27	-3.50	-6.17	-6.08	-3.59	0.48-1.242e+05	-2.231e+05	-2.219e+05	-1.254e+051.072e+04
		352	7.66	-3.58	-6.53	-6.45	-3.66	0.48-1.235e+05	-2.352e+05	-2.314e+05	-1.273e+052.021e+04
		353	7.86	-4.35	-6.67	-6.57	-4.46	0.48-1.430e+05	-2.401e+05	-2.346e+05	-1.486e+052.253e+04
316	11	376	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04 -103.43
		375	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04 -135.75
		352	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04 135.75
		353	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04 103.43
317	1	371	62.57	-40.34	-60.87	-59.81	-41.40	4.54-1.105e+06	-1.915e+06	-1.891e+06	-1.129e+061.362e+05
		376	60.51	-34.38	-59.12	-58.26	-35.24	4.54-9.464e+05	-1.859e+06	-1.848e+06	-9.573e+059.933e+04
		353	64.48	-35.16	-62.49	-61.71	-35.93	4.54-9.396e+05	-1.981e+06	-1.944e+06	-9.764e+051.921e+05
		348	65.79	-41.00	-63.55	-62.60	-41.96	4.54-1.093e+06	-2.019e+06	-1.968e+06	-1.144e+062.111e+05
317	5	371	41.89	-26.89	-40.58	-39.87	-27.60	3.03-7.416e+05	-1.282e+06	-1.266e+06	-7.573e+059.075e+04
		376	40.51	-22.92	-39.41	-38.84	-23.50	3.03-6.357e+05	-1.245e+06	-1.237e+06	-6.430e+056.619e+04
		353	43.16	-23.44	-41.66	-41.14	-23.96	3.03-6.312e+05	-1.326e+06	-1.301e+06	-6.557e+051.281e+05
		348	44.04	-27.33	-42.37	-41.73	-27.97	3.03-7.336e+05	-1.352e+06	-1.318e+06	-7.676e+051.408e+05
317	8	371	9.45	-5.38	-8.12	-7.97	-5.52	0.61-1.779e+05	-2.878e+05	-2.848e+05	-1.810e+051.801e+04
		376	9.14	-4.58	-7.88	-7.77	-4.70	0.61-1.561e+05	-2.803e+05	-2.789e+05	-1.575e+051.307e+04
		353	9.65	-4.69	-8.33	-8.23	-4.79	0.61-1.552e+05	-2.965e+05	-2.916e+05	-1.600e+052.579e+04
		348	9.87	-5.47	-8.47	-8.35	-5.59	0.61-1.763e+05	-3.018e+05	-2.951e+05	-1.830e+052.829e+04
317	11	371	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04 -169.34
		376	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04 -209.66
		353	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04 209.66
		348	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04 169.34
318	1	372	61.08	569.88	-78.36	509.69	-18.18	-188.13-1.134e+06	-1.829e+06	-1.788e+06	-1.175e+061.648e+05
		371	60.01	600.54	7.76	533.18	75.12	-188.13-1.069e+06	-1.800e+06	-1.769e+06	-1.101e+061.486e+05
		348	62.47	532.59	-14.87	457.70	60.02	-188.13-1.057e+06	-1.885e+06	-1.830e+06	-1.113e+062.070e+05
		349	63.20	509.70	-96.69	444.27	-31.26	-188.13-1.121e+06	-1.905e+06	-1.840e+06	-1.186e+062.154e+05
318	5	372	40.87	379.92	-52.24	339.80	-12.12	-125.42-7.605e+05	-1.224e+06	-1.196e+06	-7.882e+051.099e+05
		371	40.16	400.36	5.17	355.46	50.08	-125.42-7.175e+05	-1.205e+06	-1.184e+06	-7.385e+059.910e+04
		348	41.79	355.06	-9.92	305.13	40.01	-125.42-7.097e+05	-1.261e+06	-1.224e+06	-7.466e+051.380e+05
		349	42.29	339.80	-64.46	296.18	-20.84	-125.42-7.523e+05	-1.274e+06	-1.231e+06	-7.953e+051.436e+05
318	8	372	9.11	75.98	-10.45	67.96	-2.42	-25.08-1.801e+05	-2.713e+05	-2.656e+05	-1.858e+052.209e+04
		371	8.96	80.07	1.03	71.09	10.02	-25.08-1.718e+05	-2.676e+05	-2.632e+05	-1.762e+051.995e+04
		348	9.27	71.01	-1.98	61.03	8.00	-25.08-1.703e+05	-2.788e+05	-2.713e+05	-1.778e+052.746e+04
		349	9.38	67.96	-12.89	59.24	-4.17	-25.08-1.785e+05	-2.814e+05	-2.727e+05	-1.872e+052.860e+04
318	11	372	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04 141.54
		371	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04 163.31
		348	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04 -163.31
		349	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04 -141.54
319	1	377	57.51	496.61	-94.61	464.24	-62.24	-134.50-7.537e+05	-1.325e+06	-1.266e+06	-8.121e+051.729e+05
		372	57.30	512.27	-43.95	477.58	-9.26	-134.50-7.440e+05	-1.319e+06	-1.263e+06	-7.998e+051.701e+05
		349	57.80	474.37	-54.06	437.57	-17.26	-134.50-7.414e+05	-1.333e+06	-1.273e+06	-8.017e+051.791e+05
		354	57.94	463.89	-103.04	429.95	-69.09	-134.50-7.514e+05	-1.337e+06	-1.275e+06	-8.138e+051.806e+05
319	5	377	38.46	331.08	-63.07	309.50	-41.49	-89.67-5.054e+05	-8.858e+05	-8.468e+05	-5.444e+051.153e+05
		372	38.32	341.51	-29.30	318.39	-6.17	-89.67-4.990e+05	-8.820e+05	-8.447e+05	-5.363e+051.135e+05
		349	38.65	316.25	-36.04	291.72	-11.51	-89.67-4.973e+05	-8.916e+05	-8.513e+05	-5.376e+051.194e+05
		354	38.74	309.26	-68.69	286.63	-46.06	-89.67-5.039e+05	-8.941e+05	-8.525e+05	-5.455e+051.204e+05
319	8	377	8.41	66.22	-12.61	61.90	-8.30	-17.93-1.187e+05	-1.932e+05	-1.850e+05	-1.268e+052.321e+04
		372	8.39	68.30	-5.86	63.68	-1.23	-17.93-1.179e+05	-1.925e+05	-1.847e+05	-1.257e+052.287e+04
		349	8.44	63.25	-7.21	58.34	-2.30	-17.93-1.177e+05	-1.943e+05	-1.860e+05	-1.260e+052.370e+04
		354	8.46	61.85	-13.74	57.33	-9.21	-17.93-1.186e+05	-1.946e+05	-1.862e+05	-1.271e+052.393e+04
319	11	377	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04 188.78
		372	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04 220.25
		349	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04 -220.25
		354	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04 -188.78

320	1	378	45.52	424.46	-104.09	406.02	-85.65	-96.98	-5.500e+05	-9.433e+05	-8.644e+05	-6.289e+05	1.575e+05
		377	46.16	430.40	-83.34	411.39	-64.33	-96.98	-5.651e+05	-9.560e+05	-8.699e+05	-6.512e+05	1.620e+05
		354	44.86	412.56	-87.58	392.98	-68.01	-96.98	-5.737e+05	-9.260e+05	-8.521e+05	-6.477e+05	1.435e+05
		355	44.37	408.82	-107.77	389.92	-88.87	-96.98	-5.574e+05	-9.173e+05	-8.488e+05	-6.258e+05	1.412e+05
320	5	378	30.42	282.97	-69.39	270.68	-57.10	-64.66	-3.686e+05	-6.303e+05	-5.775e+05	-4.215e+05	1.051e+05
		377	30.86	286.93	-55.56	274.26	-42.89	-64.66	-3.788e+05	-6.389e+05	-5.812e+05	-4.365e+05	1.081e+05
		354	29.98	275.04	-58.39	261.99	-45.34	-64.66	-3.847e+05	-6.188e+05	-5.693e+05	-4.341e+05	9.557e+04
		355	29.65	272.54	-71.85	259.94	-59.25	-64.66	-3.736e+05	-6.129e+05	-5.671e+05	-4.194e+05	9.410e+04
320	8	378	6.54	56.59	-13.88	54.14	-11.42	-12.93	-8.533e+04	-1.351e+05	-1.230e+05	-9.749e+04	2.139e+04
		377	6.66	57.39	-11.11	54.85	-8.58	-12.93	-8.798e+04	-1.374e+05	-1.239e+05	-1.015e+05	2.205e+04
		354	6.48	55.01	-11.68	52.40	-9.07	-12.93	-8.998e+04	-1.326e+05	-1.215e+05	-1.010e+05	1.868e+04
		355	6.38	54.51	-14.37	51.99	-11.85	-12.93	-8.703e+04	-1.309e+05	-1.209e+05	-9.707e+04	1.844e+04
320	11	378	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	470.70
		377	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	537.94
		354	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	-537.94
		355	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	-470.69
321	1	379	36.18	361.17	-106.71	349.51	-95.04	-72.95	-3.872e+05	-6.729e+05	-5.841e+05	-4.760e+05	1.323e+05
		378	37.27	363.23	-99.27	351.42	-87.46	-72.95	-4.039e+05	-6.937e+05	-5.915e+05	-5.061e+05	1.385e+05
		355	35.07	356.02	-100.90	344.06	-88.93	-72.95	-4.176e+05	-6.470e+05	-5.641e+05	-5.006e+05	1.102e+05
		356	34.20	354.76	-108.15	342.97	-96.35	-72.95	-3.994e+05	-6.313e+05	-5.596e+05	-4.711e+05	1.072e+05
321	5	379	24.16	240.78	-71.14	233.01	-63.36	-48.64	-2.592e+05	-4.494e+05	-3.898e+05	-3.189e+05	8.824e+04
		378	24.90	242.15	-66.18	234.28	-58.31	-48.64	-2.705e+05	-4.634e+05	-3.948e+05	-3.391e+05	9.239e+04
		355	23.43	237.35	-67.26	229.37	-59.29	-48.64	-2.797e+05	-4.322e+05	-3.765e+05	-3.355e+05	7.340e+04
		356	22.84	236.51	-72.10	228.64	-64.23	-48.64	-2.675e+05	-4.216e+05	-3.735e+05	-3.156e+05	7.137e+04
321	8	379	5.12	48.16	-14.23	46.60	-12.67	-9.73	-5.828e+04	-9.520e+04	-8.034e+04	-7.315e+04	1.811e+04
		378	5.32	48.43	-13.24	46.86	-11.66	-9.73	-6.086e+04	-9.899e+04	-8.156e+04	-7.829e+04	1.900e+04
		355	5.01	47.47	-13.45	45.87	-11.86	-9.73	-6.356e+04	-9.189e+04	-7.790e+04	-7.756e+04	1.416e+04
		356	4.84	47.30	-14.42	45.73	-12.85	-9.73	-6.079e+04	-8.879e+04	-7.708e+04	-7.250e+04	1.381e+04
321	11	379	0.64	0.0	0.0	0.0	0.0	0.0	-2926.62	-1.174e+04	-2964.34	-1.171e+04	575.48
		378	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.54	-1.307e+04	647.41
		355	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-3237.55	-1.307e+04	-647.42
		356	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
322	1	380	28.85	308.19	-104.89	300.23	-96.92	-56.80	-2.623e+05	-4.796e+05	-3.895e+05	-3.523e+05	1.070e+05
		379	30.13	308.58	-103.46	300.59	-95.47	-56.80	-2.756e+05	-5.021e+05	-3.967e+05	-3.810e+05	1.130e+05
		356	27.52	307.04	-103.80	299.03	-95.79	-56.80	-2.882e+05	-4.544e+05	-3.674e+05	-3.752e+05	8.304e+04
		357	26.44	306.81	-105.19	298.82	-97.21	-56.80	-2.746e+05	-4.356e+05	-3.632e+05	-3.470e+05	8.009e+04
322	5	380	19.26	205.46	-69.93	200.15	-64.62	-37.86	-1.753e+05	-3.202e+05	-2.596e+05	-2.359e+05	7.144e+04
		379	20.12	205.72	-68.97	200.40	-63.65	-37.86	-1.843e+05	-3.354e+05	-2.644e+05	-2.552e+05	7.541e+04
		356	18.38	204.69	-69.20	199.35	-63.86	-37.86	-1.927e+05	-3.035e+05	-2.449e+05	-2.513e+05	5.527e+04
		357	17.65	204.54	-70.13	199.21	-64.80	-37.86	-1.837e+05	-2.907e+05	-2.420e+05	-2.324e+05	5.331e+04
322	8	380	4.03	41.09	-13.99	40.03	-12.92	-7.57	-3.764e+04	-6.723e+04	-5.128e+04	-5.359e+04	1.475e+04
		379	4.26	41.14	-13.79	40.08	-12.73	-7.57	-3.955e+04	-7.132e+04	-5.243e+04	-5.843e+04	1.560e+04
		356	3.89	40.94	-13.84	39.87	-12.77	-7.57	-4.161e+04	-6.457e+04	-4.853e+04	-5.765e+04	1.054e+04
		357	3.69	40.91	-14.03	39.84	-12.96	-7.57	-3.981e+04	-6.084e+04	-4.777e+04	-5.289e+04	1.020e+04
322	11	380	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	812.14	-7997.92	579.94
		379	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	567.42	-9221.55	644.38
		356	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.55	-644.36
		357	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
323	1	381	22.84	262.95	-100.64	257.25	-94.94	-45.19	-1.687e+05	-3.370e+05	-2.508e+05	-2.548e+05	8.415e+04
		380	24.18	262.62	-101.91	256.93	-96.22	-45.19	-1.782e+05	-3.581e+05	-2.569e+05	-2.794e+05	8.924e+04
		357	21.44	264.12	-101.58	258.44	-95.91	-45.19	-1.866e+05	-3.166e+05	-2.293e+05	-2.739e+05	6.106e+04
		358	20.25	264.32	-100.35	258.63	-94.66	-45.19	-1.780e+05	-2.975e+05	-2.257e+05	-2.498e+05	5.853e+04
323	5	381	15.24	175.30	-67.09	171.50	-63.29	-30.12	-1.125e+05	-2.249e+05	-1.668e+05	-1.706e+05	5.617e+04
		380	16.14	175.08	-67.94	171.28	-64.14	-30.12	-1.189e+05	-2.391e+05	-1.709e+05	-1.871e+05	5.957e+04
		357	14.31	176.08	-67.72	172.30	-63.94	-30.12	-1.245e+05	-2.114e+05	-1.525e+05	-1.834e+05	4.063e+04
		358	13.51	176.21	-66.90	172.42	-63.11	-30.12	-1.188e+05	-1.986e+05	-1.501e+05	-1.672e+05	3.895e+04
323	8	381	3.15	35.06	-13.42	34.30	-12.66	-6.02	-2.246e+04	-4.689e+04	-3.104e+04	-3.830e+04	1.166e+04
		380	3.40	35.02	-13.59	34.26	-12.83	-6.02	-2.379e+04	-5.065e+04	-3.203e+04	-4.242e+04	1.238e+04
		357	3.02	35.22	-13.54	34.46	-12.79	-6.02	-2.487e+04	-4.517e+04	-2.835e+04	-4.168e+04	7654.84
		358	2.79	35.24	-13.38	34.48	-12.62	-6.02	-2.379e+04	-4.155e+04	-2.770e+04	-3.763e+04	7361.88
323	11	381	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		380	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	2708.75	-6240.14	589.07
		357	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.07
		358	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
324	1	382	17.85	223.32	-95.23	219.11	-91.03	-36.35	-1.001e+05	-2.315e+05	-1.514e+05	-1.802e+05	6.409e+04
		381	19.19	222.69	-97.60	218.51	-93.42	-36.35	-1.066e+05	-2.497e+05	-1.564e+05	-2.000e+05	6.819e+04
		358	16.52	225.76	-96.95	221.61	-92.80	-36.35	-1.099e+05	-2.172e+05	-1.321e+05	-1.951e+05	4.343e+04
		359	15.29	226.13	-94.63	221.95	-90.46	-36.35	-1.050e+05	-1.999e+05	-1.292e+05	-1.757e+05	4.138e+04
324	5	382	11.91	148.88	-63.49	146.07	-60.69	-24.24	-6.653e+04	-1.544e+05	-1.004e+05	-1.205e+05	4.279e+04
		381	12.81	148.46	-65.07	145.67	-62.28	-24.24	-7.084e+04	-1.667e+05	-1.037e+05	-1.338e+05	4.553e+04
		358	11.03	150.50	-64.63	147.74	-61.87	-24.24	-7.307e+04	-1.451e+05	-8.756e+04	-1.306e+05	2.888e+04
		359	10.20	150.75	-63.09	147.97	-60.31	-24.24	-6.976e+04	-1.334e+05	-8.560e+04	-1.176e+05	2.753e+04
324	8	382	2.46	29.78	-12.70	29.21	-12.14	-4.85	-1.169e+04	-3.202e+04	-1.700e+04	-2.670e+04	8930.91
		381	2.72	29.69	-13.01	29.13	-12.46	-4.85	-1.260e+04	-3.521e+04	-1.779e+04	-3.001e+04	9513.23
		358	2.40	30.10	-12.93	29.55	-12.37	-4.85	-1.282e+04	-3.110e+04	-1.456e+04	-2.936e+04	5368.66
		359	2.15	30.15	-12.62	29.59	-12.06	-4.85	-1.215e+04	-2.800e+04	-1.404e+04	-2.611e+04	5131.72
324	11	382	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43

		381	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.93
		358	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		359	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
325	1	383	13.89	189.97	-88.99	186.79	-85.81	-29.64	-5.161e+04	-1.554e+05	-8.364e+04	-1.234e+05	4.796e+04
		382	15.20	189.27	-91.69	186.10	-88.53	-29.64	-5.594e+04	-1.705e+05	-8.750e+04	-1.389e+05	5.117e+04
		359	13.12	193.05	-90.89	189.92	-87.77	-29.64	-5.543e+04	-1.463e+05	-6.692e+04	-1.348e+05	3.019e+04
		360	11.76	193.47	-88.26	190.31	-85.10	-29.64	-5.247e+04	-1.318e+05	-6.465e+04	-1.196e+05	2.860e+04
325	5	383	9.26	126.65	-59.33	124.53	-57.21	-19.76	-3.406e+04	-1.037e+05	-5.521e+04	-8.252e+04	3.202e+04
		382	10.16	126.18	-61.13	124.07	-59.02	-19.76	-3.694e+04	-1.138e+05	-5.780e+04	-9.292e+04	3.417e+04
		359	8.77	128.70	-60.60	126.61	-58.51	-19.76	-3.657e+04	-9.770e+04	-4.408e+04	-9.018e+04	2.007e+04
		360	7.86	128.98	-58.84	126.87	-56.74	-19.76	-3.459e+04	-8.795e+04	-4.255e+04	-7.999e+04	1.901e+04
325	8	383	1.99	25.33	-11.87	24.91	-11.44	-3.95	-4433.37	-2.131e+04	-7765.19	-1.798e+04	6717.35
		382	2.23	25.24	-12.23	24.81	-11.80	-3.95	-5060.50	-2.387e+04	-8381.46	-2.055e+04	7172.45
		359	1.97	25.74	-12.12	25.32	-11.70	-3.95	-4751.78	-2.089e+04	-5637.79	-2.000e+04	3675.91
		360	1.74	25.80	-11.77	25.37	-11.35	-3.95	-4307.33	-1.840e+04	-5232.57	-1.747e+04	3489.77
325	11	383	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		382	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.51
		359	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		360	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94
326	1	384	11.07	161.08	-82.44	158.64	-79.99	-24.29	-1.860e+04	-1.010e+05	-3.813e+04	-8.147e+04	3.504e+04
		383	12.36	160.39	-85.09	157.96	-82.67	-24.29	-2.149e+04	-1.128e+05	-4.107e+04	-9.327e+04	3.749e+04
		360	10.73	164.40	-84.25	162.01	-81.86	-24.29	-1.841e+04	-9.563e+04	-2.416e+04	-8.988e+04	2.027e+04
		361	9.46	164.81	-81.65	162.39	-79.24	-24.29	-1.655e+04	-8.420e+04	-2.242e+04	-7.833e+04	1.905e+04
326	5	384	7.40	107.39	-54.96	105.76	-53.33	-16.19	-1.200e+04	-6.734e+04	-2.490e+04	-5.443e+04	2.340e+04
		383	8.27	106.93	-56.73	105.31	-55.11	-16.19	-1.393e+04	-7.530e+04	-2.687e+04	-6.236e+04	2.504e+04
		360	7.19	109.60	-56.17	108.01	-54.57	-16.19	-1.184e+04	-6.386e+04	-1.560e+04	-6.010e+04	1.347e+04
		361	6.34	109.87	-54.44	108.26	-52.82	-16.19	-1.059e+04	-5.618e+04	-1.443e+04	-5.234e+04	1.266e+04
326	8	384	1.66	21.48	-10.99	21.15	-10.67	-3.24	190.37	-1.367e+04	-1872.05	-1.161e+04	4932.69
		383	1.87	21.39	-11.35	21.06	-11.02	-3.24	-246.61	-1.565e+04	-2340.07	-1.356e+04	5279.44
		360	1.69	21.92	-11.23	21.60	-10.91	-3.24	351.24	-1.355e+04	-84.80	-1.311e+04	2422.72
		361	1.49	21.97	-10.89	21.65	-10.56	-3.24	660.85	-1.163e+04	222.13	-1.119e+04	2280.03
326	11	384	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		383	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
		360	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		361	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	-315.18
327	1	385	9.18	135.22	-75.89	133.34	-74.01	-19.84	2191.10	-6.299e+04	-9178.11	-5.162e+04	2.473e+04
		384	10.29	134.59	-78.33	132.72	-76.46	-19.84	276.03	-7.196e+04	-1.135e+04	-6.033e+04	2.655e+04
		361	9.27	138.53	-77.51	136.69	-75.67	-19.84	4733.51	-6.033e+04	2059.63	-5.765e+04	1.292e+04
		362	8.19	138.90	-75.13	137.04	-73.27	-19.84	5958.11	-5.173e+04	3338.21	-4.911e+04	1.201e+04
327	5	385	6.15	90.15	-50.60	88.89	-49.34	-13.23	1850.93	-4.197e+04	-5667.67	-3.445e+04	1.652e+04
		384	6.90	89.73	-52.22	88.48	-50.98	-13.23	567.27	-4.800e+04	-7124.89	-4.031e+04	1.773e+04
		361	6.22	92.35	-51.67	91.13	-50.45	-13.23	3562.76	-4.027e+04	1815.34	-3.852e+04	8575.54
		362	5.50	92.60	-50.08	91.36	-48.85	-13.23	4387.61	-3.450e+04	2676.55	-3.279e+04	7975.33
327	8	385	1.46	18.03	-10.12	17.78	-9.87	-2.65	2799.76	-8382.58	1569.22	-7152.04	3499.44
		384	1.63	17.95	-10.44	17.70	-10.20	-2.65	2497.19	-9860.14	1224.85	-8587.81	3755.50
		361	1.53	18.47	-10.33	18.23	-10.09	-2.65	3211.15	-8428.45	3012.90	-8230.20	1506.07
		362	1.37	18.52	-10.02	18.27	-9.77	-2.65	3429.32	-7009.52	3238.07	-6818.27	1399.96
327	11	385	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.94
		384	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		361	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		362	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.05	-322.85	-243.95
328	1	386	8.00	113.17	-69.24	111.71	-67.78	-16.25	1.388e+04	-3.721e+04	7332.96	-3.066e+04	1.708e+04
		385	8.91	112.61	-71.38	111.16	-69.94	-16.25	1.258e+04	-4.381e+04	5756.84	-3.698e+04	1.839e+04
		362	8.48	116.31	-70.61	114.89	-69.19	-16.25	1.733e+04	-3.608e+04	1.615e+04	-3.490e+04	7851.07
		363	7.62	116.64	-68.52	115.20	-67.08	-16.25	1.818e+04	-2.981e+04	1.708e+04	-2.871e+04	7193.73
328	5	386	5.37	75.44	-46.16	74.47	-45.19	-10.83	9594.74	-2.477e+04	5260.00	-2.044e+04	1.141e+04
		385	5.98	75.07	-47.59	74.11	-46.62	-10.83	8723.70	-2.920e+04	4203.10	-2.468e+04	1.229e+04
		362	5.70	77.54	-47.08	76.59	-46.13	-10.83	1.190e+04	-2.407e+04	1.113e+04	-2.330e+04	5208.09
		363	5.13	77.76	-45.68	76.80	-44.72	-10.83	1.248e+04	-1.986e+04	1.176e+04	-1.914e+04	4771.49
328	8	386	1.34	15.09	-9.23	14.89	-9.04	-2.17	4006.55	-4808.22	3277.53	-4079.20	2427.90
		385	1.47	15.01	-9.52	14.82	-9.32	-2.17	3795.86	-5879.68	3029.20	-5113.01	2613.46
		362	1.45	15.51	-9.42	15.32	-9.23	-2.17	4499.06	-4919.93	4414.98	-4835.85	885.94
		363	1.32	15.55	-9.14	15.36	-8.94	-2.17	4653.82	-3896.49	4576.71	-3819.37	808.34
328	11	386	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		385	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.64
		362	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.64
		363	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
329	1	387	7.32	93.17	-62.76	92.06	-61.64	-13.15	1.863e+04	-2.049e+04	1.506e+04	-1.691e+04	1.127e+04
		386	8.01	92.70	-64.59	91.59	-63.48	-13.15	1.776e+04	-2.512e+04	1.396e+04	-2.132e+04	1.218e+04
		363	8.07	96.06	-63.89	94.97	-62.81	-13.15	2.213e+04	-2.024e+04	2.168e+04	-1.978e+04	4374.25
		364	7.44	96.33	-62.10	95.23	-61.00	-13.15	2.272e+04	-1.586e+04	2.232e+04	-1.546e+04	3914.38
329	5	387	4.92	62.11	-41.84	61.37	-41.09	-8.76	1.269e+04	-1.362e+04	1.032e+04	-1.125e+04	7527.46
		386	5.38	61.80	-43.06	61.06	-42.32	-8.76	1.211e+04	-1.673e+04	9587.26	-1.421e+04	8141.41
		363	5.43	64.04	-42.60	63.31	-41.87	-8.76	1.503e+04	-1.348e+04	1.473e+04	-1.318e+04	2897.80
		364	5.01	64.22	-41.40	63.49	-40.67	-8.76	1.543e+04	-1.055e+04	1.517e+04	-1.029e+04	2592.30
329	8	387	1.25	12.42	-8.37	12.27	-8.22	-1.75	4182.96	-2530.15	3772.06	-2119.26	1609.21
		386	1.35	12.36	-8.61	12.21	-8.46	-1.75	4039.72	-3273.81	3600.04	-2834.13	1738.48

		363	1.38	12.81	-8.52	12.66	-8.37	-1.75	4659.17	-2658.58	4628.94	-2628.35	469.36
		364	1.29	12.84	-8.28	12.70	-8.13	-1.75	4766.14	-1951.29	4740.44	-1925.58	414.74
329	11	387	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		386	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
		363	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	2105.44	12.63	-137.76
		364	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
330	1	388	6.90	75.99	-56.28	75.14	-55.42	-10.58	1.901e+04	-1.005e+04	1.711e+04	-8158.50	7172.94
		387	7.39	75.59	-57.80	74.75	-56.96	-10.58	1.842e+04	-1.320e+04	1.637e+04	-1.114e+04	7796.78
		364	7.78	78.56	-57.19	77.73	-56.36	-10.58	2.207e+04	-1.018e+04	2.192e+04	-1.003e+04	2196.15
		365	7.34	78.79	-55.70	77.95	-54.86	-10.58	2.247e+04	-7230.36	2.235e+04	-7110.45	1883.45
330	5	388	4.64	50.66	-37.52	50.09	-36.95	-7.05	1.287e+04	-6666.97	1.162e+04	-5410.08	4793.71
		387	4.97	50.40	-38.54	49.83	-37.97	-7.05	1.248e+04	-8777.80	1.112e+04	-7413.25	5210.30
		364	5.23	52.37	-38.13	51.82	-37.58	-7.05	1.491e+04	-6771.07	1.482e+04	-6673.45	1451.66
		365	4.94	52.52	-37.13	51.97	-36.57	-7.05	1.519e+04	-4789.14	1.511e+04	-4711.39	1243.88
330	8	388	1.19	10.13	-7.50	10.02	-7.39	-1.41	3791.82	-1134.98	3566.50	-909.66	1029.24
		387	1.25	10.08	-7.71	9.97	-7.59	-1.41	3696.12	-1634.27	3450.90	-1389.04	1116.70
		364	1.32	10.47	-7.63	10.36	-7.52	-1.41	4199.24	-1249.63	4190.69	-1241.08	215.69
		365	1.26	10.50	-7.43	10.39	-7.31	-1.41	4271.50	-776.23	4265.20	-769.92	178.28
330	11	388	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		387	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		364	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		365	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
331	1	389	6.52	60.70	-49.91	60.07	-49.27	-8.36	1.656e+04	-4054.00	1.561e+04	-3101.43	4328.22
		388	6.85	60.38	-51.15	59.75	-50.52	-8.36	1.619e+04	-6086.57	1.513e+04	-5031.00	4732.42
		365	7.41	62.93	-50.63	62.31	-50.01	-8.36	1.896e+04	-4307.19	1.893e+04	-4271.46	911.12
		366	7.11	63.12	-49.41	62.49	-48.79	-8.36	1.923e+04	-2405.06	1.921e+04	-2381.87	708.03
331	5	389	4.38	40.47	-33.27	40.04	-32.85	-5.57	1.118e+04	-2673.62	1.055e+04	-2040.66	2892.96
		388	4.60	40.25	-34.10	39.83	-33.68	-5.57	1.093e+04	-4036.34	1.023e+04	-3334.94	3162.85
		365	4.98	41.96	-33.75	41.54	-33.34	-5.57	1.278e+04	-2851.60	1.276e+04	-2828.58	599.51
		366	4.78	42.08	-32.94	41.66	-32.52	-5.57	1.296e+04	-1575.81	1.295e+04	-1560.95	464.54
331	8	389	1.10	8.09	-6.65	8.01	-6.57	-1.11	3070.28	-364.31	2953.09	-247.12	623.51
		388	1.15	8.05	-6.82	7.97	-6.74	-1.11	3008.85	-683.16	2879.05	-553.36	679.98
		365	1.23	8.39	-6.75	8.31	-6.67	-1.11	3386.77	-453.45	3385.40	-452.09	72.49
		366	1.19	8.42	-6.59	8.33	-6.50	-1.11	3433.43	-151.82	3432.79	-151.18	47.99
331	11	389	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		388	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
		365	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		366	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
332	1	390	5.92	46.63	-43.74	46.18	-43.29	-6.37	1.248e+04	-1088.48	1.204e+04	-647.80	2405.60
		389	6.14	46.38	-44.72	45.93	-44.27	-6.37	1.225e+04	-2301.30	1.175e+04	-1802.40	2648.15
		366	6.74	48.50	-44.29	48.06	-43.85	-6.37	1.416e+04	-1325.95	1.416e+04	-1322.19	241.35
		367	6.54	48.65	-43.32	48.20	-42.88	-6.37	1.433e+04	-192.58	1.432e+04	-191.60	119.15
332	5	390	3.98	31.09	-29.16	30.78	-28.86	-4.25	8407.96	-704.55	8114.76	-411.36	1608.04
		389	4.12	30.92	-29.81	30.62	-29.52	-4.25	8253.44	-1517.29	7921.54	-1185.39	1769.96
		366	4.53	32.33	-29.52	32.04	-29.23	-4.25	9524.59	-867.60	9522.23	-865.25	156.37
		367	4.39	32.43	-28.88	32.13	-28.59	-4.25	9636.00	-107.80	9635.42	-107.23	75.13
332	8	390	0.98	6.22	-5.83	6.16	-5.77	-0.85	2193.87	-15.73	2137.82	40.32	347.43
		389	1.01	6.18	-5.96	6.12	-5.90	-0.85	2157.25	-203.53	2094.01	-140.29	381.17
		366	1.09	6.47	-5.90	6.41	-5.85	-0.85	2414.16	-76.27	2414.15	-76.26	4.09
		367	1.06	6.49	-5.78	6.43	-5.72	-0.85	2442.00	101.10	2441.95	101.15	-10.80
332	11	390	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		389	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		366	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		367	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
333	1	391	5.15	34.38	-37.60	34.08	-37.30	-4.68	8317.21	145.61	8128.05	334.77	1228.79
		390	5.29	34.19	-38.36	33.89	-38.05	-4.68	8187.49	-521.45	7968.63	-302.60	1363.13
		367	5.85	35.90	-38.01	35.60	-37.71	-4.68	9366.71	-23.11	9366.60	-23.00	-31.84
		368	5.72	36.01	-37.27	35.71	-36.97	-4.68	9460.58	599.93	9459.45	601.05	-99.75
333	5	391	3.46	22.92	-25.07	22.72	-24.87	-3.12	5591.64	110.65	5465.65	236.64	821.40
		390	3.55	22.79	-25.57	22.59	-25.37	-3.12	5504.69	-336.11	5358.94	-190.36	911.07
		367	3.93	23.93	-25.34	23.73	-25.14	-3.12	6291.01	-4.05	6290.92	-3.96	-23.54
		368	3.84	24.01	-24.85	23.81	-24.65	-3.12	6354.04	413.37	6353.25	414.16	-68.71
333	8	391	0.83	4.58	-5.01	4.54	-4.97	-0.62	1399.46	103.06	1374.68	127.84	177.51
		390	0.85	4.56	-5.11	4.52	-5.07	-0.62	1379.32	1.38	1350.82	29.88	196.11
		367	0.92	4.79	-5.07	4.75	-5.03	-0.62	1537.45	66.92	1537.22	67.16	-18.60
		368	0.91	4.80	-4.97	4.76	-4.93	-0.62	1552.72	162.82	1552.20	163.35	-26.97
333	11	391	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		390	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		367	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		368	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
334	1	392	4.05	23.26	-31.59	23.08	-31.41	-3.16	4572.60	381.57	4501.71	452.46	540.44
		391	4.13	23.12	-32.14	22.94	-31.96	-3.16	4509.99	67.28	4426.22	151.04	604.26
		368	4.59	24.43	-31.88	24.25	-31.70	-3.16	5124.56	288.84	5123.00	290.40	-86.82
		369	4.50	24.51	-31.34	24.33	-31.16	-3.16	5169.92	582.39	5166.81	585.49	-119.23
334	5	392	2.71	15.51	-21.06	15.39	-20.94	-2.11	3069.34	261.66	3022.08	308.92	361.19
		391	2.77	15.42	-21.43	15.30	-21.31	-2.11	3027.42	51.33	2971.59	107.16	403.78
		368	3.07	16.28	-21.25	16.17	-21.13	-2.11	3437.18	199.00	3436.11	200.07	-58.82

		369	3.01	16.34	-20.89	16.22	-20.77	-2.11	3467.59	395.50	3465.48	397.61	-80.39
334	8	392	0.63	3.10	-4.21	3.08	-4.19	-0.42	739.55	95.84	730.05	105.34	77.64
		391	0.64	3.08	-4.29	3.06	-4.26	-0.42	730.12	48.96	718.97	60.10	86.42
		368	0.70	3.26	-4.25	3.23	-4.23	-0.42	812.29	78.27	811.88	78.69	-17.42
		369	0.69	3.27	-4.18	3.24	-4.15	-0.42	819.39	122.42	818.73	123.08	-21.48
334	11	392	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		391	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		368	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		369	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
335	1	393	2.63	13.22	-25.67	13.14	-25.59	-1.80	1829.10	218.84	1807.22	240.72	186.45
		392	2.68	13.13	-26.04	13.04	-25.96	-1.80	1806.30	106.30	1780.07	132.53	209.52
		369	2.97	14.04	-25.86	13.96	-25.78	-1.80	2045.25	183.97	2043.92	185.30	-49.79
		370	2.91	14.09	-25.50	14.01	-25.42	-1.80	2061.73	289.05	2059.59	291.20	-61.58
335	5	393	1.76	8.81	-17.12	8.76	-17.06	-1.20	1225.87	148.91	1211.28	163.50	124.53
		392	1.79	8.75	-17.36	8.70	-17.31	-1.20	1210.63	73.69	1193.14	91.18	139.91
		369	1.98	9.36	-17.24	9.30	-17.18	-1.20	1369.94	125.46	1369.04	126.36	-33.43
		370	1.95	9.39	-17.00	9.34	-16.94	-1.20	1380.96	195.71	1379.52	197.15	-41.28
335	8	393	0.39	1.76	-3.42	1.75	-3.41	-0.24	284.02	47.81	281.06	50.77	26.27
		392	0.40	1.75	-3.47	1.74	-3.46	-0.24	280.72	31.60	277.20	35.12	29.41
		369	0.44	1.87	-3.45	1.86	-3.44	-0.24	312.62	41.92	312.38	42.16	-8.11
		370	0.43	1.88	-3.40	1.87	-3.39	-0.24	315.07	57.14	314.71	57.50	-9.62
335	11	393	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		392	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		369	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		370	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
336	1	39	1.15	4.09	-19.87	4.08	-19.86	-0.57	376.93	41.17	372.36	45.74	38.90
		393	1.18	4.04	-20.08	4.02	-20.07	-0.57	372.43	18.96	366.99	24.39	43.51
		370	1.29	4.58	-19.97	4.57	-19.96	-0.57	422.50	35.20	422.25	35.45	-9.87
		38	1.26	4.61	-19.77	4.60	-19.75	-0.57	425.73	55.93	425.32	56.33	-12.26
336	5	39	0.77	2.73	-13.25	2.72	-13.24	-0.38	252.20	28.33	249.16	31.38	25.93
		393	0.79	2.69	-13.39	2.68	-13.38	-0.38	249.20	13.52	245.57	17.14	29.01
		370	0.86	3.05	-13.31	3.05	-13.31	-0.38	282.58	24.35	282.42	24.51	-6.58
		38	0.84	3.07	-13.18	3.07	-13.17	-0.38	284.74	38.17	284.46	38.44	-8.17
336	8	39	0.16	0.55	-2.65	0.54	-2.65	-0.08	55.95	10.95	55.34	11.56	5.20
		393	0.16	0.54	-2.68	0.54	-2.68	-0.08	55.35	7.97	54.62	8.70	5.82
		370	0.18	0.61	-2.66	0.61	-2.66	-0.08	62.02	10.14	61.99	10.17	-1.33
		38	0.17	0.61	-2.64	0.61	-2.63	-0.08	62.46	12.91	62.40	12.97	-1.65
336	11	39	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		393	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		370	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		38	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
337	1	373	9.88	-4.38	-9.04	-8.87	-4.55	0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	4717.87
		396	9.88	-4.38	-9.04	-8.87	-4.55	0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	4717.87
		1	9.88	-4.38	-9.04	-8.87	-4.55	0.87	-1.143e+05	-3.007e+05	-3.005e+05	-1.144e+05	4717.87
337	5	373	6.72	-2.92	-6.02	-5.91	-3.03	0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	3145.25
		396	6.72	-2.92	-6.02	-5.91	-3.03	0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	3145.25
		1	6.72	-2.92	-6.02	-5.91	-3.03	0.58	-8.067e+04	-2.049e+05	-2.048e+05	-8.075e+04	3145.25
337	8	373	2.23	-0.58	-1.20	-1.18	-0.61	0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	629.05
		396	2.23	-0.58	-1.20	-1.18	-0.61	0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	629.05
		1	2.23	-0.58	-1.20	-1.18	-0.61	0.12	-4.299e+04	-6.784e+04	-6.782e+04	-4.300e+04	629.05
337	11	373	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	2.71e-05
		396	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	2.71e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	2.71e-05
338	1	397	20.87	-13.03	-19.78	-18.72	-14.08	2.45	-3.408e+05	-6.407e+05	-6.036e+05	-3.779e+05	9.880e+04
		396	18.48	-7.70	-17.67	-17.03	-8.34	2.45	-2.148e+05	-5.626e+05	-5.571e+05	-2.203e+05	4.338e+04
		373	21.21	-8.31	-20.06	-19.53	-8.84	2.45	-2.186e+05	-6.410e+05	-6.256e+05	-2.340e+05	7.917e+04
		374	22.37	-13.45	-20.99	-20.08	-14.36	2.45	-3.390e+05	-6.873e+05	-6.409e+05	-3.854e+05	1.183e+05
338	5	397	14.06	-8.68	-13.18	-12.48	-9.39	1.63	-2.317e+05	-4.317e+05	-4.070e+05	-2.565e+05	6.587e+04
		396	12.46	-5.13	-11.78	-11.35	-5.56	1.63	-1.477e+05	-3.796e+05	-3.760e+05	-1.514e+05	2.891e+04
		373	14.27	-5.54	-13.38	-13.02	-5.90	1.63	-1.503e+05	-4.319e+05	-4.216e+05	-1.605e+05	5.279e+04
		374	15.06	-8.97	-13.99	-13.39	-9.57	1.63	-2.306e+05	-4.628e+05	-4.319e+05	-2.615e+05	7.889e+04
338	8	397	3.75	-1.74	-2.64	-2.50	-1.88	0.33	-7.363e+04	-1.138e+05	-1.089e+05	-7.854e+04	1.316e+04
		396	3.37	-1.03	-2.36	-2.27	-1.11	0.33	-5.656e+04	-1.033e+05	-1.026e+05	-5.728e+04	5754.42
		373	3.70	-1.11	-2.68	-2.60	-1.18	0.33	-5.706e+04	-1.138e+05	-1.118e+05	-5.910e+04	1.059e+04
		374	3.94	-1.79	-2.80	-2.68	-1.91	0.33	-7.338e+04	-1.200e+05	-1.139e+05	-7.954e+04	1.579e+04
338	11	397	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		396	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
		373	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		374	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
339	1	398	31.76	-19.33	-30.89	-29.12	-21.10	4.17	-5.042e+05	-9.757e+05	-9.170e+05	-5.628e+05	1.557e+05
		397	29.46	-14.49	-28.89	-27.56	-15.82	4.17	-4.057e+05	-9.035e+05	-8.782e+05	-4.310e+05	1.094e+05
		374	32.86	-15.37	-32.02	-30.91	-16.49	4.17	-4.056e+05	-1.003e+06	-9.614e+05	-4.476e+05	1.529e+05
		375	34.09	-20.04	-32.94	-31.42	-21.56	4.17	-5.014e+05	-1.047e+06	-9.742e+05	-5.743e+05	1.856e+05
339	5	398	21.33	-12.89	-20.59	-19.41	-14.07	2.78	-3.408e+05	-6.552e+05	-6.161e+05	-3.799e+05	1.038e+05
		397	19.79	-9.66	-19.26	-18.37	-10.55	2.78	-2.750e+05	-6.071e+05	-5.902e+05	-2.919e+05	7.291e+04
		374	22.05	-10.25	-21.35	-20.60	-10.99	2.78	-2.749e+05	-6.737e+05	-6.456e+05	-3.030e+05	1.020e+05
		375	22.88	-13.36	-21.96	-20.95	-14.37	2.78	-3.389e+05	-7.028e+05	-6.542e+05	-3.875e+05	1.237e+05

339	8	398	5.22	-2.58	-4.12	-3.88	-2.81	0.56-9.606e+04-1.594e+05-1.517e+05-1.038e+052.071e+04
		397	4.88	-1.93	-3.85	-3.67	-2.11	0.56-8.251e+04-1.497e+05-1.464e+05-8.581e+041.452e+04
		374	5.31	-2.05	-4.27	-4.12	-2.20	0.56-8.246e+04-1.631e+05-1.575e+05-8.803e+042.046e+04
		375	5.51	-2.67	-4.39	-4.19	-2.87	0.56-9.564e+04-1.689e+05-1.593e+05-1.053e+052.479e+04
339	11	398	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 -53.17
		397	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 -77.33
		374	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.546e+04-3.429e+04 77.33
		375	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.555e+04-3.475e+04 53.17
340	1	399	43.14	-25.84	-42.06	-39.70	-28.20	5.72-6.871e+05-1.325e+06-1.253e+06-7.599e+052.029e+05
		398	40.71	-21.00	-40.05	-38.14	-22.91	5.72-5.841e+05-1.250e+06-1.212e+06-6.221e+051.546e+05
		375	45.36	-22.18	-44.14	-42.54	-23.79	5.72-5.831e+05-1.388e+06-1.326e+06-6.449e+052.144e+05
		376	46.67	-26.85	-45.07	-43.05	-28.87	5.72-6.832e+05-1.433e+06-1.339e+06-7.773e+052.485e+05
340	5	399	28.93	-17.23	-28.04	-26.47	-18.80	3.81-4.628e+05-8.885e+05-8.400e+05-5.114e+051.353e+05
		398	27.30	-14.00	-26.70	-25.43	-15.27	3.81-3.941e+05-8.383e+05-8.129e+05-4.194e+051.031e+05
		375	30.39	-14.79	-29.43	-28.36	-15.86	3.81-3.934e+05-9.301e+05-8.889e+05-4.346e+051.429e+05
		376	31.27	-17.90	-30.05	-28.70	-19.24	3.81-4.602e+05-9.606e+05-8.979e+05-5.229e+051.657e+05
340	8	399	6.78	-3.45	-5.61	-5.29	-3.76	0.76-1.213e+05-2.073e+05-1.978e+05-1.308e+052.697e+04
		398	6.42	-2.80	-5.34	-5.09	-3.05	0.76-1.070e+05-1.972e+05-1.923e+05-1.119e+052.050e+04
		375	7.02	-2.96	-5.89	-5.67	-3.17	0.76-1.068e+05-2.157e+05-2.075e+05-1.150e+052.869e+04
		376	7.23	-3.58	-6.01	-5.74	-3.85	0.76-1.207e+05-2.218e+05-2.094e+05-1.331e+053.321e+04
340	11	399	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 -103.43
		398	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 -135.75
		375	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.713e+04-3.507e+04 135.75
		376	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.726e+04-3.568e+04 103.43
341	1	394	54.90	-32.43	-53.25	-50.34	-35.35	7.23-8.871e+05-1.686e+06-1.603e+06-9.702e+052.440e+05
		399	52.29	-27.55	-51.23	-48.76	-30.01	7.23-7.747e+05-1.606e+06-1.559e+06-8.217e+051.919e+05
		376	58.43	-29.04	-56.33	-54.26	-31.11	7.23-7.734e+05-1.790e+06-1.711e+06-8.521e+052.717e+05
		371	59.85	-33.75	-57.26	-54.77	-36.23	7.23-8.821e+05-1.839e+06-1.726e+06-9.948e+053.084e+05
341	5	394	36.77	-21.62	-35.50	-33.56	-23.56	4.82-5.964e+05-1.129e+06-1.074e+06-6.517e+051.626e+05
		399	35.03	-18.37	-34.15	-32.51	-20.01	4.82-5.213e+05-1.076e+06-1.045e+06-5.526e+051.279e+05
		376	39.12	-19.36	-37.55	-36.17	-20.74	4.82-5.204e+05-1.199e+06-1.146e+06-5.729e+051.812e+05
		371	40.07	-22.50	-38.17	-36.52	-24.16	4.82-5.930e+05-1.231e+06-1.156e+06-6.681e+052.056e+05
341	8	394	8.40	-4.32	-7.10	-6.71	-4.71	0.96-1.491e+05-2.571e+05-2.464e+05-1.598e+053.239e+04
		399	8.03	-3.67	-6.83	-6.50	-4.00	0.96-1.334e+05-2.464e+05-2.404e+05-1.394e+052.542e+04
		376	8.82	-3.87	-7.51	-7.23	-4.15	0.96-1.331e+05-2.710e+05-2.607e+05-1.435e+053.640e+04
		371	9.04	-4.50	-7.63	-7.30	-4.83	0.96-1.482e+05-2.776e+05-2.627e+05-1.631e+054.126e+04
341	11	394	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 -169.34
		399	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 -209.66
		376	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.928e+04-3.609e+04 209.66
		371	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.943e+04-3.686e+04 169.35
342	1	395	54.79	606.67	-155.86	461.63	-10.82	-299.27-8.876e+05-1.646e+06-1.522e+06-1.012e+062.807e+05
		394	53.47	642.05	-86.54	485.49	70.03	-299.27-8.460e+05-1.604e+06-1.503e+06-9.472e+052.578e+05
		371	57.18	544.92	-133.50	365.40	46.01	-299.27-8.416e+05-1.725e+06-1.600e+06-9.666e+053.078e+05
		372	57.99	519.93	-194.01	357.56	-31.63	-299.27-8.833e+05-1.751e+06-1.606e+06-1.029e+063.241e+05
342	5	395	36.67	404.45	-103.91	307.75	-7.21	-199.51-5.964e+05-1.102e+06-1.019e+06-6.793e+051.872e+05
		394	35.79	428.04	-57.69	323.66	46.69	-199.51-5.687e+05-1.074e+06-1.006e+06-6.362e+051.719e+05
		371	38.26	363.28	-89.00	243.60	30.68	-199.51-5.658e+05-1.154e+06-1.071e+06-6.491e+052.052e+05
		372	38.81	346.62	-129.34	238.37	-21.09	-199.51-5.935e+05-1.172e+06-1.075e+06-6.905e+052.161e+05
342	8	395	8.23	80.89	-20.78	61.55	-1.44	-39.90-1.470e+05-2.472e+05-2.302e+05-1.640e+053.755e+04
		394	8.06	85.61	-11.54	64.73	9.34	-39.90-1.418e+05-2.416e+05-2.277e+05-1.557e+053.451e+04
		371	8.52	72.66	-17.80	48.72	6.14	-39.90-1.414e+05-2.575e+05-2.406e+05-1.583e+054.091e+04
		372	8.64	69.32	-25.87	47.67	-4.22	-39.90-1.466e+05-2.610e+05-2.414e+05-1.662e+054.310e+04
342	11	395	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 141.54
		394	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 163.32
		371	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.307e+04-3.555e+04 -163.31
		372	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.299e+04-3.514e+04 -141.53
343	1	400	53.66	495.05	-134.78	411.21	-50.93	-213.96-5.557e+05-1.233e+06-1.088e+06-7.009e+052.779e+05
		395	53.38	513.11	-93.38	424.75	-5.02	-213.96-5.499e+05-1.225e+06-1.085e+06-6.903e+052.740e+05
		372	54.10	457.45	-114.09	361.11	-17.75	-213.96-5.495e+05-1.244e+06-1.100e+06-6.934e+052.816e+05
		377	54.28	446.68	-151.87	356.65	-61.84	-213.96-5.553e+05-1.250e+06-1.101e+06-7.036e+052.845e+05
343	5	400	35.88	330.04	-89.85	274.14	-33.96	-142.64-3.734e+05-8.247e+05-7.279e+05-4.702e+051.853e+05
		395	35.70	342.07	-62.25	283.17	-3.35	-142.64-3.696e+05-8.194e+05-7.258e+05-4.633e+051.827e+05
		372	36.18	304.96	-76.06	240.74	-11.83	-142.64-3.693e+05-8.323e+05-7.363e+05-4.654e+051.877e+05
		377	36.30	297.79	-101.24	237.77	-41.23	-142.64-3.732e+05-8.357e+05-7.369e+05-4.720e+051.896e+05
343	8	400	7.85	66.01	-17.97	54.83	-6.79	-28.53-9.202e+04-1.813e+05-1.613e+05-1.120e+053.721e+04
		395	7.82	68.41	-12.45	56.63	-0.67	-28.53-9.165e+04-1.804e+05-1.609e+05-1.111e+053.671e+04
		372	7.90	60.99	-15.21	48.15	-2.37	-28.53-9.189e+04-1.827e+05-1.630e+05-1.115e+053.737e+04
		377	7.92	59.56	-20.25	47.55	-8.25	-28.53-9.223e+04-1.832e+05-1.631e+05-1.124e+053.778e+04
343	11	400	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04-2.247e+04-1.959e+04-2.246e+04 188.78
		395	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04-2.307e+04-1.971e+04-2.305e+04 220.25
		372	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04-2.307e+04-1.971e+04-2.305e+04 -220.25
		377	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04-2.247e+04-1.959e+04-2.246e+04 -188.78
344	1	401	44.14	404.47	-122.29	354.55	-72.37	-154.28-3.816e+05-9.123e+05-7.496e+05-5.442e+052.447e+05
		400	44.89	411.18	-105.07	360.00	-53.90	-154.28-3.908e+05-9.282e+05-7.552e+05-5.638e+052.511e+05
		377	43.03	384.33	-113.35	330.73	-59.75	-154.28-3.929e+05-8.922e+05-7.270e+05-5.581e+052.349e+05
		378	42.51	380.86	-129.42	328.93	-77.50	-154.28-3.836e+05-8.806e+05-7.249e+05-5.393e+052.306e+05
344	5	401	29.50	269.64	-81.53	236.37	-48.25	-102.85-2.562e+05-6.098e+05-5.010e+05-3.650e+051.632e+05

		400	30.00	274.12	-70.05	240.00	-35.93	-102.85	-2.625e+05	-6.205e+05	-5.048e+05	-3.782e+05	1.675e+05
		377	28.76	256.22	-75.57	220.49	-39.83	-102.85	-2.640e+05	-5.963e+05	-4.859e+05	-3.744e+05	1.565e+05
		378	28.40	253.91	-86.28	219.29	-51.66	-102.85	-2.577e+05	-5.886e+05	-4.845e+05	-3.617e+05	1.536e+05
344	8	401	6.32	53.93	-16.31	47.27	-9.65	-20.57	-6.222e+04	-1.317e+05	-1.077e+05	-8.619e+04	3.301e+04
		400	6.45	54.82	-14.01	48.00	-7.19	-20.57	-6.405e+04	-1.344e+05	-1.086e+05	-8.985e+04	3.392e+04
		377	6.18	51.24	-15.11	44.10	-7.97	-20.57	-6.511e+04	-1.288e+05	-1.049e+05	-8.910e+04	3.088e+04
		378	6.08	50.78	-17.26	43.86	-10.33	-20.57	-6.317e+04	-1.267e+05	-1.044e+05	-8.553e+04	3.035e+04
344	11	401	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.51	-1.648e+04	470.70
		400	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	537.94
		377	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	-537.94
		378	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	-470.70
345	1	402	36.26	334.90	-113.51	302.52	-81.14	-116.05	-2.546e+05	-6.691e+05	-5.110e+05	-4.127e+05	2.013e+05
		401	37.47	337.17	-107.28	304.46	-74.57	-116.05	-2.650e+05	-6.926e+05	-5.186e+05	-4.390e+05	2.100e+05
		378	34.44	326.17	-110.32	292.75	-76.91	-116.05	-2.657e+05	-6.395e+05	-4.749e+05	-4.302e+05	1.856e+05
		379	33.52	325.10	-116.20	292.12	-83.22	-116.05	-2.559e+05	-6.212e+05	-4.722e+05	-4.049e+05	1.796e+05
345	5	402	24.22	223.27	-75.67	201.68	-54.09	-77.37	-1.708e+05	-4.470e+05	-3.411e+05	-2.767e+05	1.343e+05
		401	25.03	224.78	-71.52	202.98	-49.71	-77.37	-1.778e+05	-4.628e+05	-3.462e+05	-2.944e+05	1.401e+05
		378	23.00	217.45	-73.55	195.17	-51.27	-77.37	-1.784e+05	-4.272e+05	-3.170e+05	-2.886e+05	1.236e+05
		379	22.38	216.73	-77.47	194.74	-55.48	-77.37	-1.717e+05	-4.149e+05	-3.152e+05	-2.715e+05	1.196e+05
345	8	402	5.11	44.65	-15.13	40.34	-10.82	-15.47	-4.018e+04	-9.513e+04	-7.060e+04	-6.471e+04	2.732e+04
		401	5.32	44.96	-14.30	40.60	-9.94	-15.47	-4.202e+04	-9.916e+04	-7.184e+04	-6.934e+04	2.854e+04
		378	4.88	43.49	-14.71	39.03	-10.25	-15.47	-4.286e+04	-9.132e+04	-6.601e+04	-6.818e+04	2.421e+04
		379	4.71	43.35	-15.49	38.95	-11.10	-15.47	-4.106e+04	-8.803e+04	-6.542e+04	-6.367e+04	2.347e+04
345	11	402	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.48
		401	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.41
		378	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.42
		379	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.49
346	1	403	29.82	280.76	-105.56	258.33	-83.13	-90.35	-1.633e+05	-4.866e+05	-3.440e+05	-3.059e+05	1.605e+05
		402	31.20	281.18	-104.36	258.70	-81.87	-90.35	-1.719e+05	-5.103e+05	-3.512e+05	-3.310e+05	1.689e+05
		379	27.70	278.81	-104.97	256.21	-82.37	-90.35	-1.700e+05	-4.564e+05	-3.047e+05	-3.217e+05	1.429e+05
		380	26.60	278.63	-106.11	256.09	-83.58	-90.35	-1.626e+05	-4.370e+05	-3.021e+05	-2.975e+05	1.372e+05
346	5	403	19.91	187.17	-70.37	172.22	-55.42	-60.23	-1.093e+05	-3.249e+05	-2.292e+05	-2.050e+05	1.071e+05
		402	20.83	187.46	-69.57	172.47	-54.58	-60.23	-1.152e+05	-3.408e+05	-2.341e+05	-2.219e+05	1.127e+05
		379	18.49	185.87	-69.98	170.81	-54.91	-60.23	-1.140e+05	-3.048e+05	-2.030e+05	-2.157e+05	9.520e+04
		380	17.75	185.75	-70.74	170.72	-55.72	-60.23	-1.090e+05	-2.917e+05	-2.013e+05	-1.994e+05	9.136e+04
346	8	403	4.14	37.43	-14.07	34.44	-11.08	-12.05	-2.440e+04	-6.821e+04	-4.521e+04	-4.740e+04	2.188e+04
		402	4.38	37.49	-13.91	34.49	-10.92	-12.05	-2.586e+04	-7.228e+04	-4.638e+04	-5.176e+04	2.305e+04
		379	3.88	37.17	-14.00	34.16	-10.98	-12.05	-2.611e+04	-6.458e+04	-4.017e+04	-5.052e+04	1.853e+04
		380	3.68	37.15	-14.15	34.14	-11.14	-12.05	-2.483e+04	-6.107e+04	-3.962e+04	-4.629e+04	1.781e+04
346	11	403	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.94
		402	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.54	644.37
		379	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	-644.37
		380	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.93
347	1	404	24.35	236.63	-97.86	220.40	-81.63	-71.88	-9.823e+04	-3.474e+05	-2.240e+05	-2.216e+05	1.246e+05
		403	25.75	236.27	-98.93	220.07	-82.73	-71.88	-1.047e+05	-3.686e+05	-2.302e+05	-2.431e+05	1.318e+05
		380	22.17	238.59	-98.36	222.49	-82.25	-71.88	-1.003e+05	-3.203e+05	-1.863e+05	-2.343e+05	1.073e+05
		381	20.99	238.74	-97.34	222.59	-81.19	-71.88	-9.543e+04	-3.023e+05	-1.841e+05	-2.136e+05	1.024e+05
347	5	404	16.25	157.76	-65.24	146.93	-54.42	-47.92	-6.557e+04	-2.318e+05	-1.490e+05	-1.484e+05	8.312e+04
		403	17.19	157.51	-65.95	146.71	-55.16	-47.92	-6.996e+04	-2.461e+05	-1.531e+05	-1.629e+05	8.791e+04
		380	14.80	159.06	-65.57	148.32	-54.83	-47.92	-6.707e+04	-2.138e+05	-1.239e+05	-1.570e+05	7.148e+04
		381	14.00	159.16	-64.89	148.40	-54.12	-47.92	-6.377e+04	-2.017e+05	-1.224e+05	-1.431e+05	6.819e+04
347	8	404	3.35	31.55	-13.05	29.39	-10.88	-9.58	-1.332e+04	-4.802e+04	-2.747e+04	-3.387e+04	1.705e+04
		403	3.59	31.50	-13.19	29.34	-11.03	-9.58	-1.440e+04	-5.164e+04	-2.847e+04	-3.758e+04	1.805e+04
		380	3.09	31.81	-13.11	29.66	-10.97	-9.58	-1.406e+04	-4.496e+04	-2.262e+04	-3.641e+04	1.383e+04
		381	2.87	31.83	-12.98	29.68	-10.82	-9.58	-1.324e+04	-4.172e+04	-2.215e+04	-3.281e+04	1.321e+04
347	11	404	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		403	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.07
		380	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.13	-589.07
		381	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
348	1	405	19.62	199.17	-90.43	187.12	-78.37	-57.83	-5.296e+04	-2.414e+05	-1.375e+05	-1.569e+05	9.372e+04
		404	20.97	198.49	-92.44	186.50	-80.45	-57.83	-5.758e+04	-2.591e+05	-1.425e+05	-1.742e+05	9.950e+04
		381	17.59	203.26	-91.29	191.43	-79.46	-57.83	-5.107e+04	-2.193e+05	-1.039e+05	-1.665e+05	7.805e+04
		382	16.40	203.54	-89.37	191.63	-77.47	-57.83	-4.814e+04	-2.038e+05	-1.021e+05	-1.498e+05	7.406e+04
348	5	405	13.09	132.78	-60.28	124.74	-52.25	-38.56	-3.515e+04	-1.610e+05	-9.112e+04	-1.050e+05	6.254e+04
		404	14.00	132.33	-61.63	124.34	-53.63	-38.56	-3.826e+04	-1.729e+05	-9.448e+04	-1.167e+05	6.640e+04
		381	11.74	135.51	-60.86	127.62	-52.98	-38.56	-3.394e+04	-1.463e+05	-6.874e+04	-1.115e+05	5.197e+04
		382	10.94	135.69	-59.58	127.76	-51.65	-38.56	-3.196e+04	-1.359e+05	-6.753e+04	-1.003e+05	4.931e+04
348	8	405	2.70	26.56	-12.06	24.95	-10.45	-7.71	-5813.79	-3.293e+04	-1.514e+04	-2.361e+04	1.288e+04
		404	2.93	26.47	-12.33	24.87	-10.73	-7.71	-6575.05	-3.595e+04	-1.594e+04	-2.658e+04	1.369e+04
		381	2.47	27.10	-12.17	25.52	-10.60	-7.71	-5757.07	-3.059e+04	-1.079e+04	-2.555e+04	9985.27
		382	2.25	27.14	-11.92	25.55	-10.33	-7.71	-5252.42	-2.783e+04	-1.042e+04	-2.266e+04	9487.93
348	11	405	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		404	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
		381	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.93
		382	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	-467.43
349	1	406	15.75	168.29	-83.12	159.11	-73.94	-47.15	-2.201e+04	-1.637e+05	-7.802e+04	-1.077e+05	6.927e+04
		405	17.01	167.53	-85.42	158.41	-76.30	-47.15	-2.521e+04	-1.779e+05	-8.193e+04	-1.212e+05	7.380e+04

		382	14.00	173.43	-84.03	164.49	-75.09	-47.15	-1.739e+04	-1.465e+05	-4.920e+04	-1.147e+05	5.563e+04
		383	12.82	173.73	-81.84	164.71	-72.82	-47.15	-1.572e+04	-1.337e+05	-4.780e+04	-1.017e+05	5.250e+04
349	5	406	10.50	112.19	-55.41	106.07	-49.30	-31.43	-1.439e+04	-1.091e+05	-5.146e+04	-7.205e+04	4.624e+04
		405	11.35	111.69	-56.95	105.61	-50.87	-31.43	-1.654e+04	-1.187e+05	-5.409e+04	-8.114e+04	4.926e+04
		382	9.35	115.62	-56.02	109.66	-50.06	-31.43	-1.132e+04	-9.773e+04	-3.227e+04	-7.678e+04	3.703e+04
		383	8.55	115.82	-54.56	109.81	-48.55	-31.43	-1.019e+04	-8.914e+04	-3.132e+04	-6.802e+04	3.495e+04
349	8	406	2.18	22.44	-11.08	21.21	-9.86	-6.29	-910.71	-2.199e+04	-7015.16	-1.588e+04	9559.62
		405	2.39	22.34	-11.39	21.12	-10.17	-6.29	-1441.55	-2.439e+04	-7639.09	-1.820e+04	1.019e+04
		382	2.06	23.12	-11.20	21.93	-10.01	-6.29	-334.25	-2.026e+04	-3274.57	-1.732e+04	7067.53
		383	1.84	23.16	-10.91	21.96	-9.71	-6.29	-23.87	-1.804e+04	-2986.37	-1.508e+04	6677.58
349	11	406	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		405	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
		382	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	3981.23	-2452.59	-423.51
		383	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
350	1	407	12.57	141.93	-76.04	134.85	-68.96	-38.64	-1838.76	-1.072e+05	-3.777e+04	-7.127e+04	4.995e+04
		406	13.71	141.19	-78.31	134.17	-71.28	-38.64	-3996.50	-1.183e+05	-4.076e+04	-8.157e+04	5.340e+04
		383	11.54	147.47	-76.86	140.60	-70.00	-38.64	4509.41	-9.455e+04	-1.385e+04	-7.619e+04	3.849e+04
		384	10.39	147.75	-74.69	140.82	-67.77	-38.64	5399.30	-8.446e+04	-1.279e+04	-6.627e+04	3.610e+04
350	5	407	8.39	94.62	-50.69	89.90	-45.97	-25.76	-883.65	-7.141e+04	-2.466e+04	-4.763e+04	3.334e+04
		406	9.16	94.13	-52.21	89.44	-47.52	-25.76	-2335.28	-7.889e+04	-2.666e+04	-5.456e+04	3.565e+04
		383	7.72	98.31	-51.24	93.73	-46.66	-25.76	3351.61	-6.305e+04	-8726.16	-5.098e+04	2.562e+04
		384	6.95	98.50	-49.80	93.88	-45.18	-25.76	3956.75	-5.626e+04	-8006.25	-4.430e+04	2.403e+04
350	8	407	1.80	18.92	-10.14	17.98	-9.19	-5.15	2065.35	-1.414e+04	-1824.27	-1.025e+04	6920.36
		406	2.00	18.83	-10.44	17.89	-9.50	-5.15	1699.39	-1.600e+04	-2298.14	-1.200e+04	7400.69
		383	1.77	19.66	-10.25	18.75	-9.33	-5.15	2943.85	-1.294e+04	1289.46	-1.128e+04	4851.66
		384	1.58	19.70	-9.96	18.78	-9.04	-5.15	3137.28	-1.121e+04	1507.07	-9581.00	4553.40
350	11	407	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		406	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.43
		383	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.42
		384	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
351	1	408	10.06	118.61	-69.29	113.15	-63.83	-31.57	9985.71	-6.712e+04	-1.184e+04	-4.530e+04	3.473e+04
		407	11.11	117.94	-71.37	112.52	-65.95	-31.57	8572.18	-7.552e+04	-1.404e+04	-5.291e+04	3.729e+04
		384	9.82	124.11	-69.97	118.83	-64.69	-31.57	1.716e+04	-5.851e+04	7290.31	-4.864e+04	2.549e+04
		385	8.82	124.37	-67.98	119.04	-62.65	-31.57	1.762e+04	-5.086e+04	8073.18	-4.132e+04	2.372e+04
351	5	408	6.73	79.07	-46.19	75.43	-42.55	-21.04	6998.51	-4.468e+04	-7440.63	-3.024e+04	2.319e+04
		407	7.44	78.63	-47.58	75.01	-43.97	-21.04	6046.42	-5.033e+04	-8919.49	-3.536e+04	2.489e+04
		384	6.58	82.74	-46.64	79.22	-43.13	-21.04	1.179e+04	-3.900e+04	5302.46	-3.252e+04	1.696e+04
		385	5.91	82.91	-45.32	79.36	-41.76	-21.04	1.211e+04	-3.386e+04	5833.19	-2.759e+04	1.578e+04
351	8	408	1.53	15.81	-9.24	15.09	-8.51	-4.21	3577.07	-8671.81	1214.63	-6309.37	4832.81
		407	1.69	15.73	-9.52	15.00	-8.79	-4.21	3328.94	-1.006e+04	865.93	-7597.77	5187.73
		384	1.57	16.55	-9.33	15.84	-8.63	-4.21	4582.46	-7901.03	3710.32	-7028.90	3182.24
		385	1.42	16.58	-9.06	15.87	-8.35	-4.21	4705.68	-6614.70	3869.40	-5778.42	2961.02
351	11	408	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95
		407	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
		384	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		385	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
352	1	409	8.39	98.89	-62.70	94.65	-58.46	-25.84	1.613e+04	-3.992e+04	3244.82	-2.704e+04	2.358e+04
		408	9.27	98.31	-64.54	94.10	-60.33	-25.84	1.520e+04	-4.611e+04	1645.13	-3.255e+04	2.544e+04
		385	8.71	104.11	-63.23	100.02	-59.14	-25.84	2.325e+04	-3.432e+04	1.818e+04	-2.925e+04	1.631e+04
		386	7.90	104.34	-61.48	100.21	-57.35	-25.84	2.351e+04	-2.870e+04	1.874e+04	-2.394e+04	1.503e+04
352	5	409	5.62	65.93	-41.80	63.10	-38.97	-17.23	1.106e+04	-2.655e+04	2534.58	-1.802e+04	1.575e+04
		408	6.21	65.54	-43.03	62.73	-40.22	-17.23	1.043e+04	-3.070e+04	1461.95	-2.173e+04	1.698e+04
		385	5.85	69.41	-42.16	66.68	-39.43	-17.23	1.581e+04	-2.286e+04	1.248e+04	-1.953e+04	1.085e+04
		386	5.31	69.56	-40.98	66.80	-38.23	-17.23	1.599e+04	-1.908e+04	1.287e+04	-1.596e+04	9994.27
352	8	409	1.35	13.19	-8.36	12.62	-7.79	-3.45	4136.64	-5000.35	2732.45	-3596.15	3295.20
		408	1.47	13.11	-8.61	12.55	-8.04	-3.45	3967.46	-6009.38	2480.97	-4522.88	3552.59
		385	1.45	13.88	-8.43	13.34	-7.89	-3.45	5126.00	-4522.55	4685.43	-4081.99	2014.13
		386	1.33	13.91	-8.20	13.36	-7.65	-3.45	5208.29	-3591.97	4799.13	-3182.82	1852.90
352	11	409	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		408	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	194.64
		385	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.65
		386	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
353	1	410	7.18	81.14	-56.42	77.89	-53.16	-20.91	1.776e+04	-2.212e+04	1.067e+04	-1.502e+04	1.525e+04
		409	7.88	80.65	-57.99	77.42	-54.76	-20.91	1.715e+04	-2.647e+04	9551.58	-1.887e+04	1.655e+04
		386	7.97	85.92	-56.82	82.79	-53.69	-20.91	2.419e+04	-1.878e+04	2.183e+04	-1.642e+04	9791.92
		387	7.36	86.10	-55.32	82.94	-52.15	-20.91	2.435e+04	-1.485e+04	2.222e+04	-1.271e+04	8893.69
353	5	410	4.82	54.10	-37.61	51.92	-35.44	-13.94	1.209e+04	-1.469e+04	7396.46	-9994.06	1.019e+04
		409	5.29	53.76	-38.66	51.61	-36.51	-13.94	1.168e+04	-1.761e+04	6648.44	-1.258e+04	1.105e+04
		386	5.36	57.28	-37.88	55.19	-35.79	-13.94	1.638e+04	-1.249e+04	1.483e+04	-1.094e+04	6509.58
		387	4.95	57.40	-36.88	55.29	-34.77	-13.94	1.650e+04	-9854.22	1.510e+04	-8453.60	5911.84
353	8	410	1.20	10.82	-7.52	10.38	-7.09	-2.79	3971.57	-2652.29	3186.50	-1867.21	2141.00
		409	1.30	10.75	-7.73	10.32	-7.30	-2.79	3858.17	-3353.16	3012.27	-2507.26	2320.46
		386	1.35	11.46	-7.58	11.04	-7.16	-2.79	4851.01	-2381.90	4649.02	-2179.91	1191.72
		387	1.27	11.48	-7.38	11.06	-6.95	-2.79	4906.90	-1739.06	4726.97	-1559.12	1078.65
353	11	410	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		409	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
		386	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76

		387	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
354	1	411	6.36	65.98	-50.29	63.49	-47.80	-16.82	1.679e+04	-1.108e+04	1.306e+04	-7348.44	9490.58
		410	6.87	65.57	-51.60	63.10	-49.13	-16.82	1.639e+04	-1.403e+04	1.231e+04	-9952.41	1.037e+04
		387	7.44	70.23	-50.57	67.84	-48.18	-16.82	2.214e+04	-9194.16	2.113e+04	-8187.15	5526.40
		388	7.01	70.38	-49.32	67.97	-46.90	-16.82	2.226e+04	-6546.03	2.140e+04	-5681.24	4916.03
354	5	411	4.28	43.99	-33.53	42.33	-31.87	-11.22	1.139e+04	-7341.43	8916.77	-4870.04	6338.80
		410	4.62	43.71	-34.40	42.07	-32.75	-11.22	1.111e+04	-9323.94	8410.04	-6619.15	6925.80
		387	5.00	46.82	-33.71	45.23	-32.12	-11.22	1.496e+04	-6103.28	1.429e+04	-5442.31	3671.83
		388	4.71	46.92	-32.88	45.31	-31.27	-11.22	1.504e+04	-4325.83	1.447e+04	-3758.58	3265.60
354	8	411	1.09	8.80	-6.71	8.47	-6.37	-2.24	3448.07	-1223.08	3026.65	-801.65	1338.26
		410	1.16	8.74	-6.88	8.41	-6.55	-2.24	3372.54	-1693.21	2909.55	-1230.22	1459.80
		387	1.26	9.36	-6.74	9.05	-6.42	-2.24	4170.65	-1079.11	4086.39	-994.85	659.72
		388	1.20	9.38	-6.58	9.06	-6.25	-2.24	4209.00	-650.25	4138.11	-579.36	582.63
354	11	411	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		410	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
		387	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		388	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
355	1	412	5.72	52.55	-44.35	50.69	-42.49	-13.29	1.411e+04	-4714.17	1.228e+04	-2888.70	5570.43
		411	6.07	52.22	-45.42	50.37	-43.57	-13.29	1.384e+04	-6618.79	1.179e+04	-4571.16	6140.39
		388	6.92	56.23	-44.54	54.45	-42.76	-13.29	1.821e+04	-3736.07	1.784e+04	-3362.91	2837.21
		389	6.62	56.36	-43.52	54.55	-41.72	-13.29	1.830e+04	-2041.27	1.801e+04	-1744.04	2441.11
355	5	412	3.85	35.03	-29.57	33.79	-28.33	-8.86	9540.44	-3109.28	8330.00	-1898.84	3721.11
		411	4.08	34.81	-30.28	33.58	-29.05	-8.86	9360.22	-4386.25	8002.34	-3028.37	4101.49
		388	4.65	37.49	-29.70	36.30	-28.51	-8.86	1.227e+04	-2467.60	1.203e+04	-2222.88	1883.57
		389	4.45	37.57	-29.01	36.37	-27.81	-8.86	1.234e+04	-1330.46	1.215e+04	-1135.74	1619.92
355	8	412	0.99	7.01	-5.91	6.76	-5.67	-1.77	2721.16	-430.58	2509.34	-218.75	789.14
		411	1.03	6.96	-6.06	6.72	-5.81	-1.77	2672.27	-729.99	2434.33	-492.05	867.71
		388	1.16	7.50	-5.94	7.26	-5.70	-1.77	3269.94	-361.06	3239.82	-330.95	329.30
		389	1.12	7.51	-5.80	7.27	-5.56	-1.77	3295.60	-89.30	3272.44	-66.13	279.07
355	11	412	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		411	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
		388	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		389	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
356	1	413	5.04	40.24	-38.64	38.91	-37.32	-10.13	1.043e+04	-1501.09	9625.56	-694.51	2995.76
		412	5.27	39.97	-39.49	38.66	-38.18	-10.13	1.026e+04	-2631.88	9332.66	-1700.69	3337.86
		389	6.20	43.32	-38.77	42.05	-37.50	-10.13	1.326e+04	-1048.34	1.315e+04	-936.78	1258.65
		390	6.00	43.42	-37.96	42.13	-36.67	-10.13	1.333e+04	-47.10	1.325e+04	31.20	1020.50
356	5	413	3.39	26.82	-25.76	25.94	-24.88	-6.76	7038.39	-977.98	6502.90	-442.50	2001.48
		412	3.54	26.65	-26.33	25.77	-25.45	-6.76	6924.97	-1735.78	6306.77	-1117.58	2229.77
		389	4.17	28.88	-25.84	28.03	-25.00	-6.76	8926.17	-681.36	8853.12	-608.31	834.57
		390	4.03	28.94	-25.30	28.09	-24.45	-6.76	8973.10	-9.86	8921.94	41.31	676.03
356	8	413	0.86	5.36	-5.15	5.19	-4.98	-1.35	1912.13	-62.59	1815.44	34.09	426.12
		412	0.88	5.33	-5.27	5.15	-5.09	-1.35	1882.47	-238.15	1771.06	-126.73	473.14
		389	1.02	5.78	-5.17	5.61	-5.00	-1.35	2288.77	-33.32	2280.33	-24.88	139.73
		390	0.99	5.79	-5.06	5.62	-4.89	-1.35	2304.75	125.35	2299.25	130.85	109.39
356	11	413	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		412	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
		389	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		390	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
357	1	414	4.30	29.56	-33.04	28.67	-32.15	-7.44	6881.67	-115.65	6557.18	208.84	1471.47
		413	4.44	29.36	-33.69	28.47	-32.80	-7.44	6782.37	-733.26	6395.34	-346.22	1661.02
		390	5.33	32.06	-33.12	31.20	-32.26	-7.44	8643.61	74.13	8619.19	98.55	456.78
		391	5.20	32.13	-32.50	31.26	-31.63	-7.44	8688.21	619.35	8675.14	632.43	324.58
357	5	414	2.89	19.71	-22.03	19.11	-21.43	-4.96	4634.10	-63.01	4418.40	152.69	983.19
		413	2.98	19.58	-22.46	18.98	-21.87	-4.96	4567.33	-476.69	4310.09	-219.45	1109.66
		390	3.58	21.37	-22.08	20.80	-21.51	-4.96	5808.59	61.13	5792.65	77.07	302.21
		391	3.49	21.42	-21.66	20.84	-21.09	-4.96	5838.86	426.59	5830.37	435.08	214.18
357	8	414	0.71	3.94	-4.41	3.82	-4.29	-0.99	1205.47	70.80	1165.23	111.05	209.87
		413	0.73	3.92	-4.49	3.80	-4.37	-0.99	1188.80	-23.69	1141.05	24.06	235.83
		390	0.85	4.27	-4.42	4.16	-4.30	-0.99	1439.16	81.76	1437.57	83.36	46.55
		391	0.84	4.28	-4.33	4.17	-4.22	-0.99	1448.31	166.84	1447.62	167.53	29.60
357	11	414	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	16.53
		413	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
		390	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		391	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	-16.53
358	1	415	3.35	19.90	-27.60	19.37	-27.06	-5.02	3763.57	237.60	3651.14	350.03	619.49
		414	3.43	19.76	-28.07	19.22	-27.54	-5.02	3713.38	-51.11	3574.51	87.76	709.57
		391	4.15	21.82	-27.64	21.30	-27.12	-5.02	4685.80	306.48	4682.85	309.43	113.56
		392	4.06	21.87	-27.19	21.35	-26.67	-5.02	4709.72	561.00	4709.11	561.62	50.57
358	5	415	2.25	13.27	-18.40	12.91	-18.04	-3.35	2529.87	165.80	2455.04	240.63	413.89
		414	2.30	13.17	-18.72	12.82	-18.36	-3.35	2496.19	-27.43	2403.78	64.98	473.99
		391	2.78	14.54	-18.43	14.20	-18.08	-3.35	3144.59	210.85	3142.68	212.76	74.76
		392	2.72	14.58	-18.12	14.23	-17.78	-3.35	3160.73	381.31	3160.35	381.70	32.81
358	8	415	0.54	2.65	-3.68	2.58	-3.61	-0.67	631.06	77.27	616.64	91.68	88.18
		414	0.55	2.63	-3.74	2.56	-3.67	-0.67	623.07	34.01	605.41	51.67	100.46
		391	0.64	2.91	-3.69	2.84	-3.62	-0.67	753.32	81.09	753.19	81.22	9.29
		392	0.63	2.92	-3.62	2.85	-3.56	-0.67	757.70	119.89	757.70	119.90	1.16

358	11	415	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		414	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
		391	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		392	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
359	1	416	2.16	11.21	-22.29	10.96	-22.04	-2.87	1500.89	159.99	1468.41	192.46	206.12
		415	2.21	11.11	-22.60	10.87	-22.36	-2.87	1482.03	57.27	1440.85	98.45	238.69
		392	2.67	12.56	-22.31	12.32	-22.07	-2.87	1860.66	182.24	1860.52	182.38	15.39
		393	2.62	12.59	-22.00	12.35	-21.76	-2.87	1869.87	272.71	1869.83	272.74	-7.48
359	5	416	1.45	7.47	-14.86	7.31	-14.69	-1.91	1007.04	109.69	985.41	131.33	137.64
		415	1.48	7.41	-15.07	7.24	-14.91	-1.91	994.42	41.03	966.99	68.46	159.37
		392	1.79	8.37	-14.87	8.21	-14.71	-1.91	1246.86	124.32	1246.77	124.41	10.02
		393	1.75	8.39	-14.67	8.23	-14.51	-1.91	1253.04	184.82	1253.02	184.85	-5.21
359	8	416	0.33	1.49	-2.97	1.46	-2.94	-0.38	240.15	40.07	235.89	44.33	28.89
		415	0.33	1.48	-3.01	1.45	-2.98	-0.38	237.33	25.22	231.97	30.58	33.30
		392	0.40	1.67	-2.97	1.64	-2.94	-0.38	287.93	41.77	287.93	41.77	0.58
		393	0.39	1.68	-2.93	1.65	-2.90	-0.38	289.44	55.01	289.41	55.04	-2.41
359	11	416	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		415	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
		392	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		393	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
360	1	40	0.95	3.35	-17.13	3.31	-17.09	-0.91	308.47	29.79	301.62	36.64	43.15
		416	0.98	3.30	-17.31	3.26	-17.27	-0.91	304.77	9.53	296.16	18.14	49.67
		393	1.15	4.16	-17.14	4.12	-17.10	-0.91	384.12	35.68	384.07	35.72	3.83
		39	1.13	4.18	-16.96	4.14	-16.92	-0.91	385.87	53.49	385.87	53.49	-0.78
360	5	40	0.64	2.23	-11.42	2.21	-11.39	-0.61	206.56	20.74	202.00	25.31	28.77
		416	0.65	2.20	-11.54	2.17	-11.51	-0.61	204.10	7.24	198.36	12.97	33.12
		393	0.77	2.77	-11.43	2.75	-11.40	-0.61	256.99	24.67	256.96	24.70	2.55
		39	0.75	2.79	-11.31	2.76	-11.28	-0.61	258.16	36.54	258.16	36.54	-0.52
360	8	40	0.13	0.45	-2.28	0.44	-2.28	-0.12	46.82	9.43	45.91	10.34	5.77
		416	0.13	0.44	-2.31	0.43	-2.30	-0.12	46.32	6.72	45.18	7.86	6.64
		393	0.16	0.55	-2.29	0.55	-2.28	-0.12	56.90	10.20	56.90	10.21	0.50
		39	0.16	0.56	-2.26	0.55	-2.26	-0.12	57.14	12.59	57.14	12.59	-0.12
360	11	40	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		416	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
		393	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		39	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
361	1	396	9.12	-2.29	-8.00	-7.58	-2.71	1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	2.985e+04
		419	9.12	-2.29	-8.00	-7.58	-2.71	1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	2.985e+04
		1	9.12	-2.29	-8.00	-7.58	-2.71	1.50	-6.885e+04	-2.699e+05	-2.653e+05	-7.339e+04	2.985e+04
361	5	396	6.20	-1.53	-5.34	-5.05	-1.81	1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	1.990e+04
		419	6.20	-1.53	-5.34	-5.05	-1.81	1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	1.990e+04
		1	6.20	-1.53	-5.34	-5.05	-1.81	1.00	-5.038e+04	-1.844e+05	-1.814e+05	-5.340e+04	1.990e+04
361	8	396	2.08	-0.31	-1.07	-1.01	-0.36	0.20	-3.693e+04	-6.373e+04	-6.312e+04	-3.753e+04	3980.12
		419	2.08	-0.31	-1.07	-1.01	-0.36	0.20	-3.693e+04	-6.373e+04	-6.312e+04	-3.753e+04	3980.12
		1	2.08	-0.31	-1.07	-1.01	-0.36	0.20	-3.693e+04	-6.373e+04	-6.312e+04	-3.753e+04	3980.12
361	11	396	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-1.68e-05
		419	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-1.68e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-1.68e-05
362	1	397	19.38	-9.47	-17.40	-11.09	-15.78	-3.20	-2.295e+05	-5.907e+05	-3.080e+05	-5.122e+05	-1.490e+05
		420	17.60	-8.78	-15.95	-10.73	-14.00	-3.20	-2.235e+05	-5.383e+05	-2.983e+05	-4.635e+05	-1.340e+05
		419	14.37	-4.91	-13.76	-6.27	-12.40	-3.20	-1.588e+05	-4.363e+05	-1.756e+05	-4.195e+05	-6.611e+04
		396	17.79	-5.88	-16.70	-6.92	-15.65	-3.20	-1.678e+05	-5.345e+05	-1.935e+05	-5.088e+05	-9.360e+04
362	5	397	13.06	-6.31	-11.60	-7.39	-10.52	-2.13	-1.575e+05	-3.984e+05	-2.099e+05	-3.460e+05	-9.932e+04
		420	11.87	-5.85	-10.64	-7.16	-9.33	-2.13	-1.535e+05	-3.634e+05	-2.034e+05	-3.136e+05	-8.932e+04
		419	9.72	-3.27	-9.17	-4.18	-8.26	-2.13	-1.104e+05	-2.954e+05	-1.216e+05	-2.842e+05	-4.407e+04
		396	11.99	-3.92	-11.13	-4.61	-10.44	-2.13	-1.163e+05	-3.609e+05	-1.335e+05	-3.437e+05	-6.240e+04
362	8	397	3.49	-1.26	-2.32	-1.48	-2.10	-0.43	-5.879e+04	-1.071e+05	-6.922e+04	-9.669e+04	-1.988e+04
		420	3.27	-1.17	-2.13	-1.43	-1.87	-0.43	-5.802e+04	-1.001e+05	-6.792e+04	-9.020e+04	-1.785e+04
		419	2.82	-0.65	-1.83	-0.84	-1.65	-0.43	-4.912e+04	-8.648e+04	-5.131e+04	-8.428e+04	-8785.54
		396	3.24	-0.78	-2.23	-0.92	-2.09	-0.43	-5.028e+04	-9.959e+04	-5.369e+04	-9.618e+04	-1.251e+04
362	11	397	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		420	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
		419	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		396	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
363	1	398	29.53	-13.94	-27.46	-16.67	-24.73	-5.43	-3.307e+05	-8.971e+05	-4.542e+05	-7.736e+05	-2.339e+05
		421	26.78	-12.77	-25.02	-16.07	-21.73	-5.43	-3.215e+05	-8.169e+05	-4.393e+05	-6.991e+05	-2.109e+05
		420	23.78	-9.27	-22.94	-11.96	-20.25	-5.43	-2.752e+05	-7.237e+05	-3.366e+05	-6.623e+05	-1.542e+05
		397	27.92	-10.71	-26.73	-12.83	-24.61	-5.43	-2.857e+05	-8.433e+05	-3.583e+05	-7.707e+05	-1.877e+05
363	5	398	19.82	-9.29	-18.31	-11.11	-16.48	-3.62	-2.251e+05	-6.028e+05	-3.075e+05	-5.205e+05	-1.559e+05
		421	18.00	-8.52	-16.68	-10.71	-14.48	-3.62	-2.190e+05	-5.493e+05	-2.975e+05	-4.708e+05	-1.406e+05
		420	15.99	-6.18	-15.29	-7.97	-13.50	-3.62	-1.881e+05	-4.872e+05	-2.290e+05	-4.463e+05	-1.028e+05
		397	18.75	-7.14	-17.82	-8.55	-16.41	-3.62	-1.951e+05	-5.669e+05	-2.434e+05	-5.185e+05	-1.251e+05
363	8	398	4.84	-1.86	-3.66	-2.22	-3.30	-0.72	-7.293e+04	-1.489e+05	-8.929e+04	-1.325e+05	-3.123e+04
		421	4.49	-1.70	-3.34	-2.14	-2.90	-0.72	-7.179e+04	-1.381e+05	-8.730e+04	-1.226e+05	-2.807e+04
		420	4.09	-1.24	-3.06	-1.59	-2.70	-0.72	-6.522e+04	-1.256e+05	-7.323e+04	-1.176e+05	-2.049e+04
		397	4.61	-1.43	-3.56	-1.71	-3.28	-0.72	-6.652e+04	-1.417e+05	-7.612e+04	-1.321e+05	-2.509e+04
363	11	398	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17

		421	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04 53.17
		420	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 77.33
		397	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 -77.33
364	1	399	40.19	-18.69	-37.57	-22.33	-33.93	-7.45-4.526e+05-1.222e+06-6.119e+05-1.062e+06-3.116e+05
		422	36.01	-17.03	-33.99	-21.46	-29.56	-7.45-4.392e+05-1.099e+06-5.892e+05-9.491e+05-2.766e+05
		421	32.86	-13.53	-31.90	-17.34	-28.09	-7.45-3.909e+05-1.002e+06-4.819e+05-9.107e+05-2.175e+05
		398	38.50	-15.46	-36.84	-18.49	-33.82	-7.45-4.054e+05-1.165e+06-5.116e+05-1.059e+06-2.634e+05
364	5	399	26.94	-12.46	-25.05	-14.89	-22.62	-4.97-3.065e+05-8.193e+05-4.127e+05-7.131e+05-2.078e+05
		422	24.15	-11.35	-22.66	-14.30	-19.71	-4.97-2.976e+05-7.377e+05-3.976e+05-6.377e+05-1.844e+05
		421	22.05	-9.02	-21.27	-11.56	-18.72	-4.97-2.653e+05-6.727e+05-3.259e+05-6.121e+05-1.450e+05
		398	25.81	-10.31	-24.56	-12.33	-22.55	-4.97-2.750e+05-7.818e+05-3.457e+05-7.111e+05-1.756e+05
364	8	399	6.30	-2.49	-5.01	-2.98	-4.52	-0.99-9.004e+04-1.935e+05-1.111e+05-1.724e+05-4.164e+04
		422	5.76	-2.27	-4.53	-2.86	-3.94	-0.99-8.842e+04-1.770e+05-1.081e+05-1.574e+05-3.680e+04
		421	5.33	-1.80	-4.25	-2.31	-3.74	-0.99-8.144e+04-1.639e+05-9.324e+04-1.521e+05-2.888e+04
		398	6.06	-2.06	-4.91	-2.47	-4.51	-0.99-8.321e+04-1.859e+05-9.720e+04-1.719e+05-3.523e+04
364	11	399	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04 -103.43
		422	1.37	0.0	0.0	0.0	0.0	0.0-3.568e+04-3.726e+04-3.568e+04-3.726e+04 103.43
		421	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04 135.75
		398	1.36	0.0	0.0	0.0	0.0	0.0-3.506e+04-3.714e+04-3.507e+04-3.713e+04 -135.75
365	1	394	51.23	-23.53	-47.73	-28.04	-43.22	-9.42-5.909e+05-1.559e+06-7.810e+05-1.369e+06-3.847e+05
		417	45.32	-21.36	-42.96	-26.88	-37.44	-9.42-5.726e+05-1.386e+06-7.490e+05-1.209e+06-3.352e+05
		422	41.95	-17.83	-40.85	-22.73	-35.95	-9.42-5.196e+05-1.281e+06-6.333e+05-1.168e+06-2.714e+05
		399	49.44	-20.28	-46.99	-24.17	-43.10	-9.42-5.389e+05-1.500e+06-6.729e+05-1.366e+06-3.328e+05
365	5	394	34.31	-15.69	-31.82	-18.69	-28.81	-6.28-3.989e+05-1.045e+06-5.256e+05-9.180e+05-2.565e+05
		417	30.37	-14.24	-28.64	-17.92	-24.96	-6.28-3.867e+05-9.289e+05-5.043e+05-8.114e+05-2.234e+05
		422	28.12	-11.89	-27.23	-15.16	-23.96	-6.28-3.513e+05-8.594e+05-4.270e+05-7.837e+05-1.809e+05
		399	33.12	-13.52	-31.33	-16.11	-28.74	-6.28-3.642e+05-1.005e+06-4.534e+05-9.157e+05-2.219e+05
365	8	394	7.82	-3.14	-6.36	-3.74	-5.76	-1.26-1.096e+05-2.402e+05-1.346e+05-2.152e+05-5.144e+04
		417	7.05	-2.85	-5.73	-3.58	-4.99	-1.26-1.074e+05-2.168e+05-1.303e+05-1.938e+05-4.455e+04
		422	6.60	-2.38	-5.45	-3.03	-4.79	-1.26-9.963e+04-2.028e+05-1.143e+05-1.882e+05-3.602e+04
		399	7.57	-2.70	-6.27	-3.22	-5.75	-1.26-1.019e+05-2.322e+05-1.196e+05-2.146e+05-4.454e+04
365	11	394	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04 -169.34
		417	1.43	0.0	0.0	0.0	0.0	0.0-3.685e+04-3.944e+04-3.686e+04-3.943e+04 169.35
		422	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04 209.66
		399	1.42	0.0	0.0	0.0	0.0	0.0-3.608e+04-3.929e+04-3.609e+04-3.928e+04 -209.66
366	1	395	50.72	522.07	-305.45	-29.85	246.48	390.01-5.637e+05-1.505e+06-8.044e+05-1.265e+06-4.107e+05
		418	47.00	624.59	-245.20	-2.72	382.11	390.01-5.479e+05-1.390e+06-7.826e+05-1.155e+06-3.775e+05
		417	45.36	658.80	-193.92	60.17	404.70	390.01-5.310e+05-1.339e+06-7.324e+05-1.137e+06-3.494e+05
		394	49.70	543.67	-266.60	28.87	248.21	390.01-5.476e+05-1.473e+06-7.576e+05-1.263e+06-3.877e+05
366	5	395	33.94	348.05	-203.63	-19.90	164.32	260.01-3.805e+05-1.008e+06-5.410e+05-8.475e+05-2.738e+05
		418	31.47	416.39	-163.47	-1.82	254.74	260.01-3.698e+05-9.311e+05-5.264e+05-7.746e+05-2.517e+05
		417	30.37	439.20	-129.28	40.11	269.80	260.01-3.586e+05-8.969e+05-4.930e+05-7.625e+05-2.330e+05
		394	33.26	362.45	-177.73	19.25	165.47	260.01-3.697e+05-9.867e+05-5.098e+05-8.466e+05-2.585e+05
366	8	395	7.59	69.61	-40.73	-3.98	32.86	52.00-1.039e+05-2.283e+05-1.363e+05-1.959e+05-5.465e+04
		418	7.11	83.28	-32.69	-0.36	50.95	52.00-1.015e+05-2.132e+05-1.334e+05-1.813e+05-5.046e+04
		417	6.90	87.84	-25.86	8.02	53.96	52.00-9.956e+04-2.065e+05-1.271e+05-1.790e+05-4.673e+04
		394	7.45	72.49	-35.55	3.85	33.09	52.00-1.021e+05-2.242e+05-1.304e+05-1.958e+05-5.156e+04
366	11	395	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.514e+04-3.299e+04 141.54
		418	1.28	0.0	0.0	0.0	0.0	0.0-3.298e+04-3.515e+04-3.514e+04-3.299e+04 -141.53
		417	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.555e+04-3.307e+04 -163.31
		394	1.29	0.0	0.0	0.0	0.0	0.0-3.306e+04-3.557e+04-3.555e+04-3.307e+04 163.32
367	1	400	49.58	423.22	-214.55	-50.38	259.05	278.84-3.014e+05-1.101e+06-5.474e+05-8.546e+05-3.689e+05
		423	48.90	480.60	-186.62	-36.16	330.15	278.84-2.980e+05-1.083e+06-5.438e+05-8.370e+05-3.640e+05
		418	48.53	498.74	-156.20	-0.44	342.98	278.84-2.960e+05-1.074e+06-5.358e+05-8.340e+05-3.592e+05
		395	49.32	432.86	-189.85	-17.03	260.03	278.84-2.999e+05-1.095e+06-5.399e+05-8.546e+05-3.649e+05
367	5	400	33.14	282.15	-143.03	-33.59	172.70	185.89-2.038e+05-7.365e+05-3.679e+05-5.724e+05-2.459e+05
		423	32.69	320.40	-124.41	-24.11	220.10	185.89-2.015e+05-7.247e+05-3.656e+05-5.606e+05-2.427e+05
		418	32.45	332.49	-104.13	-0.30	228.65	185.89-2.003e+05-7.187e+05-3.603e+05-5.586e+05-2.395e+05
		395	32.97	288.57	-126.57	-11.35	173.36	185.89-2.029e+05-7.325e+05-3.630e+05-5.723e+05-2.432e+05
367	8	400	7.20	56.43	-28.61	-6.72	34.54	37.18-5.816e+04-1.636e+05-9.155e+04-1.302e+05-4.904e+04
		423	7.13	64.08	-24.88	-4.82	44.02	37.18-5.741e+04-1.615e+05-9.108e+04-1.278e+05-4.869e+04
		418	7.09	66.50	-20.83	-0.06	45.73	37.18-5.750e+04-1.605e+05-9.050e+04-1.275e+05-4.807e+04
		395	7.17	57.71	-25.31	-2.27	34.67	37.18-5.836e+04-1.629e+05-9.105e+04-1.302e+05-4.847e+04
367	11	400	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04-2.247e+04-2.246e+04-1.959e+04 188.78
		423	1.04	0.0	0.0	0.0	0.0	0.0-1.958e+04-2.247e+04-2.246e+04-1.959e+04 -188.78
		418	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04-2.307e+04-2.305e+04-1.971e+04 -220.25
		395	1.06	0.0	0.0	0.0	0.0	0.0-1.969e+04-2.307e+04-2.305e+04-1.971e+04 220.25
368	1	401	40.49	345.12	-160.42	-60.84	245.54	201.06-1.734e+05-7.964e+05-4.175e+05-5.524e+05-3.041e+05
		424	42.23	373.45	-148.70	-54.16	278.92	201.06-1.790e+05-8.296e+05-4.239e+05-5.847e+05-3.152e+05
		423	43.06	380.31	-136.01	-39.79	284.08	201.06-1.830e+05-8.464e+05-4.395e+05-5.900e+05-3.230e+05
		400	41.09	348.13	-149.62	-47.42	245.93	201.06-1.764e+05-8.088e+05-4.321e+05-5.531e+05-3.103e+05
368	5	401	27.04	230.08	-106.94	-40.56	163.69	134.04-1.175e+05-5.325e+05-2.805e+05-3.695e+05-2.027e+05
		424	28.21	248.97	-99.13	-36.11	185.95	134.04-1.211e+05-5.547e+05-2.848e+05-3.910e+05-2.102e+05
		423	28.76	253.54	-90.68	-26.52	189.39	134.04-1.239e+05-5.660e+05-2.953e+05-3.946e+05-2.154e+05
		400	27.45	232.09	-99.74	-31.61	163.95	134.04-1.196e+05-5.408e+05-2.904e+05-3.700e+05-2.068e+05
368	8	401	5.73	46.02	-21.39	-8.11	32.74	26.81-3.472e+04-1.159e+05-6.929e+04-8.138e+04-4.016e+04
		424	6.01	49.79	-19.83	-7.22	37.19	26.81-3.479e+04-1.210e+05-7.015e+04-8.568e+04-4.242e+04

		423	6.14	50.71	-18.14	-5.30	37.88	26.81	-3.592e+04	-1.240e+05	-7.328e+04	-8.660e+04	-4.352e+04
		400	5.83	46.42	-19.95	-6.32	32.79	26.81	-3.579e+04	-1.182e+05	-7.230e+04	-8.168e+04	-4.093e+04
368	11	401	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.51	470.69
		424	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	-470.70
		423	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	-537.94
		400	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	537.94
369	1	402	33.16	286.54	-129.59	-64.41	221.36	151.24	-9.194e+04	-5.730e+05	-3.121e+05	-3.528e+05	-2.397e+05
		425	35.95	298.44	-125.22	-61.70	234.92	151.24	-1.030e+05	-6.227e+05	-3.223e+05	-4.034e+05	-2.567e+05
		424	37.25	300.77	-120.60	-56.59	236.76	151.24	-1.074e+05	-6.464e+05	-3.431e+05	-4.106e+05	-2.674e+05
		401	34.17	287.41	-125.55	-59.64	221.50	151.24	-9.425e+04	-5.911e+05	-3.317e+05	-3.536e+05	-2.482e+05
369	5	402	22.13	191.03	-86.39	-42.94	147.57	100.83	-6.240e+04	-3.828e+05	-2.097e+05	-2.356e+05	-1.597e+05
		425	24.00	198.96	-83.48	-41.13	156.62	100.83	-6.963e+04	-4.161e+05	-2.164e+05	-2.693e+05	-1.712e+05
		424	24.88	200.51	-80.40	-37.73	157.84	100.83	-7.266e+04	-4.320e+05	-2.305e+05	-2.742e+05	-1.783e+05
		401	22.81	191.61	-83.70	-39.76	147.67	100.83	-6.403e+04	-3.951e+05	-2.229e+05	-2.362e+05	-1.654e+05
369	8	402	4.60	38.21	-17.28	-8.59	29.51	20.17	-1.891e+04	-8.189e+04	-5.130e+04	-4.950e+04	-3.148e+04
		425	5.03	39.79	-16.70	-8.23	31.32	20.17	-1.970e+04	-8.920e+04	-5.265e+04	-5.625e+04	-3.470e+04
		424	5.24	40.10	-16.08	-7.55	31.57	20.17	-2.081e+04	-9.319e+04	-5.656e+04	-5.744e+04	-3.618e+04
		401	4.77	38.32	-16.74	-7.95	29.53	20.17	-1.978e+04	-8.510e+04	-5.504e+04	-4.984e+04	-3.256e+04
369	11	402	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		425	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
		424	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.41
		401	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
370	1	403	27.27	241.28	-109.63	-64.25	195.90	117.75	-3.950e+04	-4.093e+05	-2.285e+05	-2.203e+05	-1.848e+05
		426	30.45	243.90	-108.74	-63.67	198.82	117.75	-5.327e+04	-4.610e+05	-2.394e+05	-2.749e+05	-2.031e+05
		425	31.90	244.33	-107.85	-62.69	199.17	117.75	-5.690e+04	-4.842e+05	-2.593e+05	-2.818e+05	-2.133e+05
		402	28.46	241.42	-108.83	-63.34	195.93	117.75	-4.065e+04	-4.276e+05	-2.471e+05	-2.211e+05	-1.930e+05
370	5	403	18.19	160.85	-73.09	-42.83	130.60	78.50	-2.688e+04	-2.733e+05	-1.534e+05	-1.468e+05	-1.231e+05
		426	20.32	162.60	-72.50	-42.44	132.55	78.50	-3.596e+04	-3.079e+05	-1.607e+05	-1.832e+05	-1.355e+05
		425	21.29	162.89	-71.90	-41.79	132.78	78.50	-3.846e+04	-3.234e+05	-1.741e+05	-1.878e+05	-1.423e+05
		402	18.99	160.95	-72.55	-42.22	130.62	78.50	-2.772e+04	-2.856e+05	-1.660e+05	-1.473e+05	-1.286e+05
370	8	403	3.73	32.17	-14.62	-8.57	26.12	15.70	-8371.51	-5.742e+04	-3.708e+04	-2.871e+04	-2.416e+04
		426	4.21	32.52	-14.50	-8.49	26.51	15.70	-9676.17	-6.485e+04	-3.854e+04	-3.600e+04	-2.756e+04
		425	4.44	32.58	-14.38	-8.36	26.56	15.70	-1.057e+04	-6.875e+04	-4.220e+04	-3.712e+04	-2.898e+04
		402	3.93	32.19	-14.51	-8.44	26.12	15.70	-8942.85	-6.066e+04	-4.058e+04	-2.902e+04	-2.521e+04
370	11	403	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.94
		426	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
		425	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		402	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.43	644.37
371	1	404	22.34	204.32	-95.11	-62.18	171.39	93.68	-6294.07	-2.868e+05	-1.634e+05	-1.297e+05	-1.392e+05
		427	25.54	201.71	-95.93	-62.75	168.53	93.68	-2.110e+04	-3.343e+05	-1.738e+05	-1.817e+05	-1.566e+05
		426	26.97	201.34	-96.73	-63.61	168.22	93.68	-2.382e+04	-3.545e+05	-1.908e+05	-1.876e+05	-1.653e+05
		403	23.55	204.21	-95.83	-62.98	171.37	93.68	-6571.84	-3.031e+05	-1.793e+05	-1.304e+05	-1.462e+05
371	5	404	14.89	136.21	-63.40	-41.45	114.26	62.45	-4354.30	-1.913e+05	-1.096e+05	-8.607e+04	-9.274e+04
		427	17.04	134.47	-63.96	-41.83	112.35	62.45	-1.416e+04	-2.231e+05	-1.165e+05	-1.207e+05	-1.045e+05
		426	18.00	134.23	-64.49	-42.41	112.15	62.45	-1.603e+04	-2.367e+05	-1.280e+05	-1.247e+05	-1.103e+05
		403	15.71	136.14	-63.88	-41.99	114.24	62.45	-4593.86	-2.023e+05	-1.204e+05	-8.657e+04	-9.742e+04
371	8	404	3.03	27.24	-12.68	-8.29	22.85	12.49	-1532.71	-3.947e+04	-2.611e+04	-1.489e+04	-1.812e+04
		427	3.50	26.89	-12.79	-8.37	22.47	12.49	-3153.03	-4.617e+04	-2.749e+04	-2.183e+04	-2.132e+04
		426	3.74	26.85	-12.90	-8.48	22.43	12.49	-3821.04	-4.956e+04	-3.060e+04	-2.278e+04	-2.253e+04
		403	3.24	27.23	-12.78	-8.40	22.85	12.49	-1867.58	-4.236e+04	-2.907e+04	-1.516e+04	-1.901e+04
371	11	404	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		427	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		426	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.13	2708.75	-589.07
		403	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.74	-6240.14	2708.74	589.07
372	1	405	18.09	172.75	-83.69	-59.20	148.26	75.37	1.340e+04	-1.951e+05	-1.141e+05	-6.765e+04	-1.016e+05
		428	21.07	167.32	-85.33	-60.38	142.37	75.37	-1416.06	-2.356e+05	-1.233e+05	-1.138e+05	-1.170e+05
		427	22.41	166.63	-86.84	-61.99	141.79	75.37	-3321.76	-2.522e+05	-1.370e+05	-1.185e+05	-1.241e+05
		404	19.27	172.56	-85.06	-60.71	148.21	75.37	1.369e+04	-2.088e+05	-1.269e+05	-6.821e+04	-1.073e+05
372	5	405	12.06	115.16	-55.80	-39.47	98.84	50.25	9021.06	-1.301e+05	-7.647e+04	-4.459e+04	-6.770e+04
		428	14.05	111.54	-56.89	-40.25	94.91	50.25	-819.48	-1.571e+05	-8.262e+04	-7.533e+04	-7.807e+04
		427	14.95	111.09	-57.89	-41.33	94.53	50.25	-2129.75	-1.682e+05	-9.185e+04	-7.852e+04	-8.279e+04
		404	12.86	115.04	-56.71	-40.47	98.81	50.25	9177.90	-1.393e+05	-8.514e+04	-4.498e+04	-7.147e+04
372	8	405	2.46	23.03	-11.16	-7.89	19.77	10.05	2617.56	-2.634e+04	-1.789e+04	-5835.00	-1.317e+04
		428	2.89	22.31	-11.38	-8.05	18.98	10.05	829.45	-3.193e+04	-1.912e+04	-1.198e+04	-1.599e+04
		427	3.10	22.22	-11.58	-8.27	18.91	10.05	353.33	-3.472e+04	-2.161e+04	-1.275e+04	-1.697e+04
		404	2.66	23.01	-11.34	-8.09	19.76	10.05	2446.46	-2.876e+04	-2.027e+04	-6042.70	-1.389e+04
372	11	405	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		428	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	-467.43
		427	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		404	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.93
373	1	406	14.67	146.57	-74.26	-55.58	127.89	61.45	2.478e+04	-1.290e+05	-7.694e+04	-2.733e+04	-7.280e+04
		429	17.29	139.77	-76.22	-57.04	120.59	61.45	1.062e+04	-1.621e+05	-8.481e+04	-6.671e+04	-8.591e+04
		428	18.51	139.01	-77.95	-58.87	119.93	61.45	9327.30	-1.753e+05	-9.551e+04	-7.042e+04	-9.144e+04
		405	15.77	146.38	-75.83	-57.29	127.84	61.45	2.535e+04	-1.401e+05	-8.698e+04	-2.776e+04	-7.724e+04
373	5	406	9.78	97.71	-49.50	-37.05	85.26	40.96	1.675e+04	-8.596e+04	-5.153e+04	-1.767e+04	-4.848e+04
		429	11.53	93.18	-50.82	-38.03	80.39	40.96	7326.83	-1.080e+05	-5.679e+04	-4.392e+04	-5.732e+04
		428	12.35	92.67	-51.97	-39.25	79.95	40.96	6435.76	-1.169e+05	-6.400e+04	-4.642e+04	-6.101e+04

		405	10.52	97.59	-50.55	-38.19	85.23	40.96	1.710e+04	-9.339e+04	-5.831e+04	-1.798e+04	-5.144e+04
373	8	406	2.03	19.54	-9.90	-7.41	17.05	8.19	4993.20	-1.703e+04	-1.178e+04	-256.88	-9383.66
		429	2.38	18.64	-10.16	-7.61	16.08	8.19	3164.88	-2.150e+04	-1.283e+04	-5507.32	-1.178e+04
		428	2.58	18.53	-10.39	-7.85	15.99	8.19	2832.64	-2.370e+04	-1.477e+04	-6104.83	-1.254e+04
		405	2.21	19.52	-10.11	-7.64	17.05	8.19	4919.34	-1.896e+04	-1.363e+04	-416.85	-9948.62
373	11	406	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		429	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.93
		428	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	-2452.59	3981.23	-423.51
		405	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.52
374	1	407	11.89	124.09	-66.11	-51.68	109.66	50.36	3.017e+04	-8.189e+04	-4.978e+04	-1931.85	-5.067e+04
		430	14.03	116.79	-68.15	-53.24	101.87	50.36	1.705e+04	-1.078e+05	-5.629e+04	-3.449e+04	-6.148e+04
		429	15.13	116.05	-69.86	-55.04	101.22	50.36	1.620e+04	-1.180e+05	-6.444e+04	-3.733e+04	-6.570e+04
		406	12.90	123.91	-67.67	-53.36	109.61	50.36	3.084e+04	-9.053e+04	-5.743e+04	-2259.25	-5.405e+04
374	5	407	7.94	82.72	-44.07	-34.45	73.11	33.57	2.042e+04	-5.449e+04	-3.331e+04	-769.02	-3.374e+04
		430	9.36	77.86	-45.43	-35.49	67.92	33.57	1.166e+04	-7.179e+04	-3.765e+04	-2.248e+04	-4.103e+04
		429	10.10	77.36	-46.58	-36.69	67.48	33.57	1.108e+04	-7.860e+04	-4.314e+04	-2.438e+04	-4.385e+04
		406	8.61	82.61	-45.11	-35.58	73.07	33.57	2.084e+04	-6.031e+04	-3.847e+04	-999.56	-3.599e+04
374	8	407	1.71	16.54	-8.81	-6.89	14.62	6.71	6086.66	-1.051e+04	-7381.81	2954.52	-6495.00
		430	1.96	15.57	-9.09	-7.10	13.58	6.71	4308.99	-1.395e+04	-8250.10	-1386.96	-8457.89
		429	2.13	15.47	-9.32	-7.34	13.50	6.71	4082.36	-1.564e+04	-9717.12	-1840.67	-9040.72
		406	1.88	16.52	-9.02	-7.12	14.61	6.71	6066.21	-1.201e+04	-8782.03	2834.78	-6926.84
374	11	407	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	315.18
		430	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
		429	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.43
		406	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
375	1	408	9.68	104.07	-58.90	-47.76	92.92	41.14	3.104e+04	-4.921e+04	-3.073e+04	1.256e+04	-3.379e+04
		431	11.21	96.82	-60.87	-49.29	85.24	41.14	1.921e+04	-6.851e+04	-3.592e+04	-1.339e+04	-4.239e+04
		430	12.17	96.15	-62.45	-50.94	84.65	41.14	1.869e+04	-7.610e+04	-4.193e+04	-1.548e+04	-4.551e+04
		407	10.60	103.92	-60.34	-49.30	92.88	41.14	3.168e+04	-5.573e+04	-3.637e+04	1.232e+04	-3.630e+04
375	5	408	6.48	69.38	-39.27	-31.84	61.95	27.42	2.101e+04	-3.271e+04	-2.053e+04	8824.07	-2.249e+04
		431	7.49	64.55	-40.58	-32.86	56.83	27.42	1.310e+04	-4.557e+04	-2.399e+04	-8474.64	-2.829e+04
		430	8.13	64.10	-41.63	-33.96	56.43	27.42	1.274e+04	-5.067e+04	-2.804e+04	-9878.88	-3.038e+04
		407	7.09	69.28	-40.23	-32.87	61.92	27.42	2.142e+04	-3.710e+04	-2.434e+04	8655.45	-2.416e+04
375	8	408	1.50	13.88	-7.85	-6.37	12.39	5.48	6217.48	-6116.70	-4366.79	4467.57	-4303.66
		431	1.61	12.91	-8.12	-6.57	11.37	5.48	4567.25	-8618.16	-5058.74	1007.83	-5853.46
		430	1.75	12.82	-8.33	-6.79	11.29	5.48	4416.84	-9877.30	-6134.51	674.05	-6284.23
		407	1.63	13.86	-8.05	-6.57	12.38	5.48	6221.59	-7233.81	-5393.13	4380.92	-4623.73
375	11	408	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		431	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		430	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		407	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
376	1	409	8.28	87.05	-52.38	-43.71	78.38	33.68	2.951e+04	-2.765e+04	-1.753e+04	1.938e+04	-2.182e+04
		432	8.96	80.19	-54.20	-45.15	71.14	33.68	1.913e+04	-4.152e+04	-2.157e+04	-816.38	-2.850e+04
		431	9.78	79.60	-55.60	-46.61	70.61	33.68	1.882e+04	-4.708e+04	-2.593e+04	-2334.74	-3.077e+04
		408	9.04	86.93	-53.66	-45.06	78.34	33.68	3.004e+04	-3.244e+04	-2.162e+04	1.921e+04	-2.365e+04
376	5	409	5.55	58.04	-34.92	-29.14	52.25	22.45	1.996e+04	-1.835e+04	-1.168e+04	1.329e+04	-1.452e+04
		432	5.99	53.46	-36.14	-30.10	47.42	22.45	1.303e+04	-2.758e+04	-1.438e+04	-172.89	-1.902e+04
		431	6.54	53.07	-37.07	-31.07	47.08	22.45	1.281e+04	-3.131e+04	-1.731e+04	-1191.29	-2.054e+04
		408	6.06	57.96	-35.77	-30.04	52.23	22.45	2.030e+04	-2.157e+04	-1.444e+04	1.317e+04	-1.574e+04
376	8	409	1.35	11.61	-6.98	-5.83	10.45	4.49	5818.50	-3262.64	-2328.46	4884.32	-2758.76
		432	1.34	10.69	-7.23	-6.02	9.48	4.49	4352.50	-5028.68	-2867.14	2190.95	-3950.39
		431	1.46	10.61	-7.41	-6.21	9.42	4.49	4252.86	-5941.91	-3639.37	1950.32	-4262.89
		408	1.45	11.59	-7.15	-6.01	10.45	4.49	5829.60	-4071.14	-3064.79	4823.24	-2991.81
376	11	409	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		432	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		431	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		408	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
377	1	410	7.23	71.66	-46.41	-39.75	65.00	27.25	2.583e+04	-1.412e+04	-9083.23	2.080e+04	-1.326e+04
		433	7.08	65.39	-48.04	-41.07	58.41	27.25	1.710e+04	-2.346e+04	-1.209e+04	5738.92	-1.821e+04
		432	7.76	64.89	-49.23	-42.31	57.97	27.25	1.691e+04	-2.736e+04	-1.513e+04	4679.88	-1.980e+04
		409	7.83	71.57	-47.51	-40.91	64.96	27.25	2.621e+04	-1.747e+04	-1.193e+04	2.068e+04	-1.453e+04
377	5	410	4.86	47.78	-30.94	-26.50	43.33	18.17	1.746e+04	-9344.32	-6033.29	1.415e+04	-8819.64
		433	4.74	43.59	-32.03	-27.38	38.94	18.17	1.163e+04	-1.556e+04	-8040.86	4110.77	-1.216e+04
		432	5.19	43.26	-32.82	-28.20	38.64	18.17	1.150e+04	-1.818e+04	-1.009e+04	3400.64	-1.322e+04
		409	5.26	47.71	-31.67	-27.27	43.31	18.17	1.771e+04	-1.160e+04	-7952.78	1.407e+04	-9668.32
377	8	410	1.22	9.56	-6.19	-5.30	8.67	3.63	4991.29	-1529.42	-1075.06	4536.93	-1660.21
		433	1.14	8.72	-6.41	-5.48	7.79	3.63	3757.76	-2704.97	-1476.57	2529.36	-2535.71
		432	1.23	8.65	-6.56	-5.64	7.73	3.63	3692.71	-3338.65	-2008.66	2362.71	-2753.69
		409	1.30	9.54	-6.33	-5.45	8.66	3.63	5000.86	-2087.15	-1582.05	4495.76	-1823.47
377	11	410	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		433	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		432	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		409	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
378	1	411	6.49	58.46	-40.85	-35.75	53.35	21.92	2.142e+04	-6135.00	-3845.08	1.913e+04	-7605.78
		434	5.75	52.87	-42.27	-36.92	47.52	21.92	1.438e+04	-1.213e+04	-6017.81	8263.23	-1.117e+04
		433	6.29	52.46	-43.27	-37.95	47.15	21.92	1.426e+04	-1.479e+04	-8071.96	7545.66	-1.224e+04
		410	6.93	58.38	-41.77	-36.72	53.32	21.92	2.166e+04	-8387.38	-5771.42	1.905e+04	-8471.77

378	5	411	4.36	38.97	-27.24	-23.83	35.57	14.62	1.446e+04	-4039.96	-2534.47	1.296e+04	-5058.77
		434	3.86	35.25	-28.18	-24.61	31.68	14.62	9762.65	-8029.39	-3982.96	5716.22	-7457.92
		433	4.22	34.98	-28.85	-25.30	31.43	14.62	9678.35	-9808.64	-5365.51	5235.22	-8175.68
		410	4.66	38.92	-27.85	-24.48	35.55	14.62	1.462e+04	-5552.53	-3831.82	1.290e+04	-5635.41
378	8	411	1.12	7.79	-5.45	-4.77	7.11	2.92	4037.66	-537.18	-334.54	3835.02	-941.26
		434	0.98	7.05	-5.64	-4.92	6.34	2.92	3050.55	-1288.25	-624.24	2386.54	-1562.08
		433	1.04	7.00	-5.77	-5.06	6.29	2.92	3007.76	-1712.67	-979.49	2274.59	-1709.78
		410	1.18	7.78	-5.57	-4.90	7.11	2.92	4043.15	-907.63	-672.76	3808.28	-1052.44
378	11	411	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		434	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
		433	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		410	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
379	1	412	5.86	46.72	-35.63	-31.80	42.90	17.32	1.658e+04	-1881.88	-969.06	1.567e+04	-4002.86
		435	4.78	41.88	-36.83	-32.81	37.86	17.32	1.124e+04	-5486.43	-2460.80	8212.51	-6438.00
		434	5.17	41.55	-37.64	-33.65	37.56	17.32	1.116e+04	-7193.86	-3786.74	7748.43	-7135.14
		411	6.17	46.66	-36.38	-32.59	42.87	17.32	1.672e+04	-3312.60	-2212.12	1.562e+04	-4564.71
379	5	412	3.94	31.15	-23.75	-21.20	28.60	11.55	1.119e+04	-1218.84	-619.08	1.059e+04	-2661.09
		435	3.22	27.92	-24.55	-21.87	25.24	11.55	7618.08	-3615.99	-1613.58	5615.67	-4299.49
		434	3.47	27.70	-25.10	-22.44	25.04	11.55	7560.12	-4760.84	-2505.43	5304.70	-4764.66
		411	4.15	31.11	-24.25	-21.73	28.58	11.55	1.128e+04	-2179.23	-1455.68	1.055e+04	-3035.24
379	8	412	1.01	6.23	-4.75	-4.24	5.72	2.31	3040.05	-41.88	37.20	2960.97	-487.30
		435	0.84	5.58	-4.91	-4.37	5.05	2.31	2299.15	-494.39	-161.70	1966.47	-904.81
		434	0.89	5.54	-5.02	-4.49	5.01	2.31	2271.19	-763.84	-387.46	1894.80	-1000.34
		411	1.05	6.22	-4.85	-4.35	5.72	2.31	3041.83	-274.79	-177.51	2944.55	-559.64
379	11	412	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		435	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		434	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		411	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
380	1	413	5.14	35.92	-30.70	-27.97	33.19	13.20	1.164e+04	-35.02	265.74	1.134e+04	-1849.47
		436	3.95	31.87	-31.68	-28.81	28.99	13.20	7938.25	-2009.25	-680.02	6609.02	-3384.62
		435	4.21	31.61	-32.33	-29.47	28.76	13.20	7878.05	-3018.96	-1472.06	6331.15	-3803.12
		412	5.35	35.88	-31.30	-28.59	33.18	13.20	1.170e+04	-869.33	-476.52	1.131e+04	-2187.17
380	5	413	3.46	23.95	-20.47	-18.65	22.13	8.80	7841.91	0.18	197.67	7644.42	-1228.68
		436	2.66	21.25	-21.12	-19.21	19.33	8.80	5372.28	-1313.24	-432.84	4491.88	-2260.72
		435	2.83	21.07	-21.55	-19.65	19.17	8.80	5330.49	-1989.88	-965.16	4305.77	-2539.94
		412	3.60	23.92	-20.86	-19.06	22.12	8.80	7882.41	-559.65	-301.47	7624.24	-1453.58
380	8	413	0.87	4.79	-4.09	-3.73	4.43	1.76	2069.11	136.77	162.13	2043.75	-219.91
		436	0.70	4.25	-4.22	-3.84	3.87	1.76	1562.86	-113.60	36.03	1413.24	-477.97
		435	0.73	4.21	-4.31	-3.93	3.83	1.76	1545.33	-270.72	-96.25	1370.86	-535.17
		412	0.90	4.78	-4.17	-3.81	4.42	1.76	2068.72	2.32	36.49	2034.55	-263.54
380	11	413	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		436	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		435	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		412	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
381	1	414	4.37	26.54	-25.98	-24.13	24.68	9.69	7408.48	552.18	629.79	7330.87	-725.32
		437	3.23	23.26	-26.76	-24.81	21.30	9.69	5091.16	-442.71	77.75	4570.70	-1615.33
		436	3.39	23.06	-27.26	-25.32	21.12	9.69	5048.29	-989.67	-358.57	4417.19	-1847.24
		413	4.50	26.51	-26.44	-24.61	24.67	9.69	7430.92	105.52	221.07	7315.37	-912.73
381	5	414	2.93	17.69	-17.32	-16.09	16.46	6.46	4985.09	382.42	433.32	4934.19	-481.34
		437	2.17	15.50	-17.84	-16.54	14.20	6.46	3439.21	-279.83	65.30	3094.08	-1079.09
		436	2.28	15.37	-18.17	-16.88	14.08	6.46	3409.82	-646.17	-227.67	2991.32	-1233.81
		413	3.02	17.67	-17.63	-16.40	16.45	6.46	4999.35	82.84	158.75	4923.44	-606.17
381	8	414	0.72	3.54	-3.46	-3.22	3.29	1.29	1274.61	160.95	167.18	1268.39	-83.04
		437	0.57	3.10	-3.57	-3.31	2.84	1.29	960.86	33.08	93.57	900.36	-229.05
		436	0.58	3.07	-3.63	-3.38	2.82	1.29	950.50	-50.79	22.41	877.30	-260.66
		413	0.74	3.53	-3.53	-3.28	3.29	1.29	1273.54	89.88	99.70	1263.72	-107.34
381	11	414	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		437	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.98	352.08	-16.53
		436	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		413	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
382	1	415	3.37	18.03	-21.47	-20.36	16.91	6.55	3958.00	490.85	504.40	3944.45	-216.32
		438	2.45	15.51	-22.05	-20.87	14.33	6.55	2737.66	56.64	228.64	2565.66	-656.92
		437	2.54	15.37	-22.41	-21.24	14.20	6.55	2711.85	-196.00	22.87	2492.99	-767.15
		414	3.46	18.01	-21.81	-20.70	16.90	6.55	3963.01	286.18	311.76	3937.43	-305.57
382	5	415	2.26	12.02	-14.32	-13.57	11.27	4.37	2659.44	334.68	343.55	2650.57	-143.31
		438	1.65	10.34	-14.70	-13.92	9.55	4.37	1845.61	45.48	159.71	1731.38	-438.85
		437	1.71	10.24	-14.94	-14.16	9.46	4.37	1828.11	-123.62	21.71	1682.77	-512.38
		414	2.32	12.01	-14.54	-13.80	11.27	4.37	2662.53	197.51	214.31	2645.73	-202.77
382	8	415	0.54	2.40	-2.86	-2.71	2.25	0.87	656.74	111.27	112.27	655.75	-23.26
		438	0.41	2.07	-2.94	-2.78	1.91	0.87	492.72	54.69	75.50	471.91	-93.17
		437	0.42	2.05	-2.99	-2.83	1.89	0.87	487.52	16.71	43.01	461.21	-108.14
		414	0.55	2.40	-2.91	-2.76	2.25	0.87	655.92	79.41	81.53	653.80	-34.89
382	11	415	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		438	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		437	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		414	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
383	1	416	2.16	10.37	-17.14	-16.62	9.85	3.74	1558.64	236.08	237.75	1556.97	-46.98

		439	1.56	8.58	-17.53	-16.99	8.04	3.74	1081.17	85.76	133.12	1033.82	-211.89
		438	1.61	8.49	-17.78	-17.23	7.95	3.74	1070.40	-3.14	59.57	1007.69	-251.76
		415	2.20	10.36	-17.37	-16.86	9.84	3.74	1559.15	164.42	168.95	1554.62	-79.36
383	5	416	1.45	6.91	-11.43	-11.08	6.57	2.49	1045.53	160.43	161.52	1044.44	-31.09
		439	1.05	5.72	-11.69	-11.32	5.36	2.49	727.18	60.26	91.77	695.67	-141.49
		438	1.08	5.66	-11.85	-11.49	5.30	2.49	719.92	0.83	42.54	678.22	-168.08
		415	1.47	6.90	-11.58	-11.24	6.56	2.49	1045.82	112.48	115.46	1042.84	-52.67
383	8	416	0.33	1.38	-2.29	-2.22	1.31	0.50	247.81	50.25	50.37	247.70	-4.85
		439	0.25	1.14	-2.34	-2.26	1.07	0.50	183.91	30.46	36.42	177.94	-29.66
		438	0.25	1.13	-2.37	-2.30	1.06	0.50	182.05	17.56	25.40	174.22	-35.04
		415	0.33	1.38	-2.32	-2.25	1.31	0.50	247.54	39.58	39.98	247.14	-9.11
383	11	416	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		439	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		438	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		415	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
384	1	40	0.92	3.48	-13.03	-12.94	3.40	1.19	321.15	47.18	47.60	320.72	-10.76
		41	0.69	2.41	-13.25	-13.16	2.32	1.19	221.04	15.52	25.64	210.92	-44.47
		439	0.71	2.36	-13.39	-13.30	2.27	1.19	218.99	-2.00	11.25	205.75	-52.45
		416	0.94	3.48	-13.16	-13.07	3.39	1.19	321.37	33.12	34.16	320.33	-17.28
384	5	40	0.61	2.32	-8.68	-8.63	2.27	0.79	215.01	32.34	32.62	214.73	-7.17
		41	0.46	1.61	-8.83	-8.77	1.54	0.79	148.27	11.23	17.98	141.53	-29.65
		439	0.48	1.57	-8.93	-8.87	1.51	0.79	146.91	-0.45	8.38	138.08	-34.97
		416	0.63	2.32	-8.77	-8.72	2.26	0.79	215.16	22.96	23.66	214.47	-11.52
384	8	40	0.13	0.46	-1.74	-1.73	0.45	0.16	48.51	11.75	11.80	48.46	-1.42
		41	0.10	0.32	-1.77	-1.75	0.31	0.16	35.16	7.53	8.88	33.81	-5.94
		439	0.10	0.31	-1.79	-1.77	0.30	0.16	34.88	5.19	6.94	33.12	-7.01
		416	0.13	0.46	-1.75	-1.74	0.45	0.16	48.54	9.86	10.00	48.40	-2.29
384	11	40	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		41	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		439	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		416	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
385	1	419	8.32	9.18e-03	-6.48	-5.77	-0.70	2.02-1.623e+04-2.291e+05-2.150e+05-3.034e+045.295e+04					
		442	8.32	9.18e-03	-6.48	-5.77	-0.70	2.02-1.623e+04-2.291e+05-2.150e+05-3.034e+045.295e+04					
		1	8.32	9.18e-03	-6.48	-5.77	-0.70	2.02-1.623e+04-2.291e+05-2.150e+05-3.034e+045.295e+04					
385	5	419	5.64	6.12e-03	-4.32	-3.85	-0.46	1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+043.530e+04					
		442	5.64	6.12e-03	-4.32	-3.85	-0.46	1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+043.530e+04					
		1	5.64	6.12e-03	-4.32	-3.85	-0.46	1.35-1.530e+04-1.572e+05-1.478e+05-2.470e+043.530e+04					
385	8	419	1.90	1.22e-03	-0.86	-0.77	-0.09	0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 7059.95					
		442	1.90	1.22e-03	-0.86	-0.77	-0.09	0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 7059.95					
		1	1.90	1.22e-03	-0.86	-0.77	-0.09	0.27-2.991e+04-5.829e+04-5.641e+04-3.179e+04 7059.95					
385	11	419	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 -6.61e-05					
		442	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 -6.61e-05					
		1	1.26	0.0	0.0	0.0	0.0	0.0-3.356e+04-3.356e+04-3.356e+04-3.356e+04 -6.61e-05					
386	1	420	15.95	-4.65	-12.81	-7.07	-10.39	-3.72-9.897e+04-4.653e+05-2.127e+05-3.516e+05-1.695e+05					
		443	14.30	-3.67	-11.30	-6.65	-8.32	-3.72-8.138e+04-4.149e+05-2.013e+05-2.949e+05-1.600e+05					
		442	9.99	-1.30	-9.38	-3.77	-6.92	-3.72-8.127e+04-2.970e+05-1.219e+05-2.563e+05-8.434e+04					
		419	13.54	-2.78	-12.46	-4.52	-10.71	-3.72-1.026e+05-4.004e+05-1.427e+05-3.603e+05-1.016e+05					
386	5	420	10.75	-3.10	-8.54	-4.71	-6.93	-2.48-7.053e+04-3.148e+05-1.463e+05-2.390e+05-1.130e+05					
		443	9.65	-2.45	-7.53	-4.43	-5.55	-2.48-5.881e+04-2.811e+05-1.388e+05-2.012e+05-1.067e+05					
		442	6.78	-0.87	-6.26	-2.51	-4.61	-2.48-5.869e+04-2.025e+05-8.576e+04-1.755e+05-5.622e+04					
		419	9.14	-1.85	-8.31	-3.02	-7.14	-2.48-7.290e+04-2.715e+05-9.962e+04-2.448e+05-6.777e+04					
386	8	420	2.94	-0.62	-1.71	-0.94	-1.39	-0.50-4.141e+04-9.038e+04-5.651e+04-7.528e+04-2.261e+04					
		443	2.72	-0.49	-1.51	-0.89	-1.11	-0.50-3.911e+04-8.361e+04-5.500e+04-6.772e+04-2.132e+04					
		442	2.21	-0.17	-1.25	-0.50	-0.92	-0.50-3.884e+04-6.784e+04-4.415e+04-6.253e+04-1.122e+04					
		419	2.66	-0.37	-1.66	-0.60	-1.43	-0.50-4.162e+04-8.169e+04-4.692e+04-7.638e+04-1.358e+04					
386	11	420	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04 -19.34					
		443	1.28	0.0	0.0	0.0	0.0	0.0-3.405e+04-3.435e+04-3.405e+04-3.435e+04 19.34					
		442	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04 35.46					
		419	1.28	0.0	0.0	0.0	0.0	0.0-3.375e+04-3.429e+04-3.375e+04-3.429e+04 -35.46					
387	1	421	24.35	-6.56	-20.43	-10.64	-16.35	-6.32-1.274e+05-7.024e+05-3.063e+05-5.234e+05-2.662e+05					
		444	21.84	-4.91	-17.89	-9.94	-12.85	-6.32-1.005e+05-6.251e+05-2.889e+05-4.367e+05-2.517e+05					
		443	18.01	-2.75	-16.10	-7.28	-11.56	-6.32-1.041e+05-5.227e+05-2.224e+05-4.044e+05-1.885e+05					
		420	22.02	-4.90	-20.05	-8.30	-16.64	-6.32-1.362e+05-6.420e+05-2.476e+05-5.306e+05-2.096e+05					
387	5	421	16.35	-4.37	-13.62	-7.09	-10.90	-4.22-8.956e+04-4.730e+05-2.088e+05-3.537e+05-1.775e+05					
		444	14.67	-3.27	-11.92	-6.63	-8.57	-4.22-7.166e+04-4.214e+05-1.973e+05-2.958e+05-1.678e+05					
		443	12.12	-1.83	-10.73	-4.86	-7.71	-4.22-7.400e+04-3.531e+05-1.528e+05-2.743e+05-1.256e+05					
		420	14.80	-3.26	-13.36	-5.53	-11.09	-4.22-9.541e+04-4.327e+05-1.696e+05-3.585e+05-1.397e+05					
387	8	421	4.04	-0.87	-2.72	-1.42	-2.18	-0.84-4.587e+04-1.229e+05-6.957e+04-9.919e+04-3.554e+04					
		444	3.69	-0.65	-2.38	-1.33	-1.71	-0.84-4.240e+04-1.125e+05-6.725e+04-8.762e+04-3.352e+04					
		443	3.22	-0.37	-2.15	-0.97	-1.54	-0.84-4.255e+04-9.868e+04-5.799e+04-8.324e+04-2.507e+04					
		420	3.75	-0.65	-2.67	-1.11	-2.22	-0.84-4.667e+04-1.148e+05-6.136e+04-1.001e+05-2.801e+04					
387	11	421	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04 -53.17					
		444	1.32	0.0	0.0	0.0	0.0	0.0-3.474e+04-3.556e+04-3.475e+04-3.555e+04 53.16					
		443	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 77.33					
		420	1.31	0.0	0.0	0.0	0.0	0.0-3.428e+04-3.547e+04-3.429e+04-3.546e+04 -77.33					
388	1	422	32.80	-8.79	-27.99	-14.27	-22.50	-8.67-1.763e+05-9.477e+05-4.079e+05-7.161e+05-3.536e+05					
		445	28.95	-6.41	-24.25	-13.25	-17.41	-8.67-1.363e+05-8.296e+05-3.816e+05-5.843e+05-3.315e+05					

		444	24.93	-4.25	-22.46	-10.59	-16.12	-8.67	-1.402e+05	-7.223e+05	-3.119e+05	-5.506e+05	-2.655e+05
		421	30.37	-7.13	-27.60	-11.93	-22.80	-8.67	-1.853e+05	-8.847e+05	-3.465e+05	-7.235e+05	-2.945e+05
388	5	422	21.99	-5.86	-18.66	-9.51	-15.00	-5.78	-1.223e+05	-6.367e+05	-2.767e+05	-4.823e+05	-2.357e+05
		445	19.41	-4.28	-16.17	-8.84	-11.61	-5.78	-9.571e+04	-5.579e+05	-2.591e+05	-3.945e+05	-2.210e+05
		444	16.74	-2.83	-14.97	-7.06	-10.75	-5.78	-9.821e+04	-4.864e+05	-2.126e+05	-3.720e+05	-1.770e+05
		421	20.37	-4.75	-18.40	-7.95	-15.20	-5.78	-1.283e+05	-5.947e+05	-2.357e+05	-4.873e+05	-1.963e+05
388	8	422	5.19	-1.17	-3.73	-1.90	-3.00	-1.16	-5.332e+04	-1.569e+05	-8.389e+04	-1.263e+05	-4.723e+04
		445	4.66	-0.86	-3.23	-1.77	-2.32	-1.16	-4.821e+04	-1.409e+05	-8.038e+04	-1.087e+05	-4.411e+04
		444	4.15	-0.57	-2.99	-1.41	-2.15	-1.16	-4.828e+04	-1.264e+05	-7.058e+04	-1.041e+05	-3.528e+04
		421	4.89	-0.95	-3.68	-1.59	-3.04	-1.16	-5.400e+04	-1.484e+05	-7.519e+04	-1.272e+05	-3.938e+04
388	11	422	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		445	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
		444	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		421	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.76
389	1	417	41.31	-11.10	-35.55	-17.94	-28.72	-10.97	-2.402e+05	-1.200e+06	-5.173e+05	-9.225e+05	-4.348e+05
		440	35.79	-7.99	-30.58	-16.59	-21.98	-10.97	-1.848e+05	-1.032e+06	-4.801e+05	-7.363e+05	-4.035e+05
		445	31.48	-5.81	-28.77	-13.91	-20.68	-10.97	-1.887e+05	-9.161e+05	-4.049e+05	-6.999e+05	-3.324e+05
		422	38.74	-9.43	-35.16	-15.57	-29.01	-10.97	-2.489e+05	-1.133e+06	-4.510e+05	-9.305e+05	-3.712e+05
389	5	417	27.67	-7.40	-23.70	-11.96	-19.15	-7.31	-1.651e+05	-8.049e+05	-3.498e+05	-6.203e+05	-2.899e+05
		440	23.99	-5.33	-20.39	-11.06	-14.66	-7.31	-1.283e+05	-6.928e+05	-3.250e+05	-4.961e+05	-2.690e+05
		445	21.12	-3.87	-19.18	-9.27	-13.79	-7.31	-1.308e+05	-6.158e+05	-2.747e+05	-4.719e+05	-2.216e+05
		422	25.96	-6.29	-23.44	-10.38	-19.34	-7.31	-1.708e+05	-7.603e+05	-3.055e+05	-6.256e+05	-2.475e+05
389	8	417	6.37	-1.48	-4.74	-2.39	-3.83	-1.46	-6.299e+04	-1.921e+05	-9.945e+04	-1.556e+05	-5.812e+04
		440	5.61	-1.07	-4.08	-2.21	-2.93	-1.46	-5.598e+04	-1.693e+05	-9.449e+04	-1.308e+05	-5.366e+04
		445	5.06	-0.77	-3.84	-1.85	-2.76	-1.46	-5.593e+04	-1.537e+05	-8.383e+04	-1.258e+05	-4.415e+04
		422	6.05	-1.26	-4.69	-2.08	-3.87	-1.46	-6.348e+04	-1.831e+05	-8.998e+04	-1.566e+05	-4.966e+04
389	11	417	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		440	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
		445	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		422	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
390	1	418	42.74	506.18	-413.62	-26.03	118.60	454.18	-1.898e+05	-1.179e+06	-5.285e+05	-8.402e+05	-4.693e+05
		441	39.47	615.01	-332.91	5.56	276.55	454.18	-1.472e+05	-1.069e+06	-5.030e+05	-7.128e+05	-4.486e+05
		440	37.49	642.36	-299.81	46.21	296.34	454.18	-1.516e+05	-1.016e+06	-4.708e+05	-6.970e+05	-4.173e+05
		417	41.36	519.09	-395.23	9.76	114.10	454.18	-1.986e+05	-1.146e+06	-5.002e+05	-8.439e+05	-4.412e+05
390	5	418	28.59	337.45	-275.74	-17.36	79.07	302.78	-1.311e+05	-7.904e+05	-3.570e+05	-5.645e+05	-3.129e+05
		441	26.42	410.01	-221.94	3.70	184.36	302.78	-1.027e+05	-7.170e+05	-3.400e+05	-4.796e+05	-2.991e+05
		440	25.10	428.24	-199.87	30.81	197.56	302.78	-1.056e+05	-6.820e+05	-3.186e+05	-4.691e+05	-2.782e+05
		417	27.67	346.06	-263.49	6.51	76.06	302.78	-1.370e+05	-7.682e+05	-3.382e+05	-5.670e+05	-2.941e+05
390	8	418	6.37	67.49	-55.15	-3.47	15.81	60.56	-5.386e+04	-1.850e+05	-9.952e+04	-1.393e+05	-6.246e+04
		441	5.94	82.00	-44.39	0.74	36.87	60.56	-4.788e+04	-1.706e+05	-9.613e+04	-1.223e+05	-5.993e+04
		440	5.69	85.65	-39.97	6.16	39.51	60.56	-4.871e+04	-1.637e+05	-9.217e+04	-1.203e+05	-5.577e+04
		417	6.20	69.21	-52.70	1.30	15.21	60.56	-5.534e+04	-1.806e+05	-9.609e+04	-1.399e+05	-5.869e+04
390	11	418	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		441	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
		440	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		417	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
391	1	423	44.90	391.02	-282.70	-35.48	143.80	324.71	-1.437e+04	-8.929e+05	-3.559e+05	-5.514e+05	-4.282e+05
		446	44.36	450.98	-243.31	-18.92	226.59	324.71	-6667.94	-8.760e+05	-3.518e+05	-5.309e+05	-4.253e+05
		441	43.92	466.09	-224.10	4.17	237.83	324.71	-7961.00	-8.671e+05	-3.468e+05	-5.283e+05	-4.199e+05
		418	44.55	397.04	-270.95	-15.15	141.24	324.71	-1.689e+04	-8.869e+05	-3.516e+05	-5.522e+05	-4.233e+05
391	5	423	30.00	260.68	-188.47	-23.65	95.87	216.48	-1.245e+04	-5.980e+05	-2.402e+05	-3.702e+05	-2.855e+05
		446	29.64	300.65	-162.21	-12.61	151.06	216.48	-7262.90	-5.868e+05	-2.375e+05	-3.565e+05	-2.836e+05
		441	29.35	310.73	-149.40	2.78	158.55	216.48	-8176.34	-5.809e+05	-2.343e+05	-3.548e+05	-2.800e+05
		418	29.76	264.69	-180.64	-10.10	94.16	216.48	-1.419e+04	-5.940e+05	-2.375e+05	-3.707e+05	-2.822e+05
391	8	423	6.43	52.14	-37.69	-4.73	19.17	43.30	-1.971e+04	-1.360e+05	-6.602e+04	-8.972e+04	-5.694e+04
		446	6.37	60.13	-32.44	-2.52	30.21	43.30	-1.836e+04	-1.341e+05	-6.547e+04	-8.699e+04	-5.687e+04
		441	6.32	62.15	-29.88	0.56	31.71	43.30	-1.884e+04	-1.332e+05	-6.531e+04	-8.674e+04	-5.617e+04
		418	6.38	52.94	-36.13	-2.02	18.83	43.30	-2.042e+04	-1.355e+05	-6.594e+04	-8.993e+04	-5.626e+04
391	11	423	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		446	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
		441	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		418	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
392	1	424	38.84	304.51	-199.14	-40.03	145.41	234.14	5.298e+04	-6.647e+05	-2.686e+05	-3.431e+05	-3.569e+05
		447	40.21	333.97	-181.95	-32.26	184.28	234.14	3.969e+04	-6.965e+05	-2.761e+05	-3.806e+05	-3.644e+05
		446	41.09	339.89	-174.05	-22.97	188.80	234.14	4.021e+04	-7.123e+05	-2.868e+05	-3.853e+05	-3.730e+05
		423	39.54	306.43	-193.91	-31.85	144.38	234.14	5.562e+04	-6.762e+05	-2.782e+05	-3.424e+05	-3.645e+05
392	5	424	25.92	203.01	-132.76	-26.69	96.94	156.09	3.349e+04	-4.447e+05	-1.813e+05	-2.300e+05	-2.379e+05
		447	26.85	222.65	-121.30	-21.51	122.85	156.09	2.473e+04	-4.660e+05	-1.863e+05	-2.550e+05	-2.430e+05
		446	27.44	226.59	-116.03	-15.31	125.87	156.09	2.498e+04	-4.767e+05	-1.936e+05	-2.582e+05	-2.488e+05
		423	26.39	204.29	-129.27	-21.23	96.25	156.09	3.514e+04	-4.525e+05	-1.878e+05	-2.296e+05	-2.429e+05
392	8	424	5.40	40.60	-26.55	-5.34	19.39	31.22	-4216.17	-9.870e+04	-4.945e+04	-5.347e+04	-4.720e+04
		447	5.65	44.53	-24.26	-4.30	24.57	31.22	-5328.48	-1.036e+05	-5.045e+04	-5.848e+04	-4.897e+04
		446	5.79	45.32	-23.21	-3.06	25.17	31.22	-5833.72	-1.064e+05	-5.292e+04	-5.931e+04	-5.018e+04
		423	5.51	40.86	-25.85	-4.25	19.25	31.22	-4516.88	-1.009e+05	-5.178e+04	-5.359e+04	-4.816e+04
392	11	424	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50	470.70
		447	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.69
		446	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	-537.93

		423	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88	537.94
393	1	425	33.18	244.20	-149.90	-41.22	135.52	176.13	7.905e+04	-4.878e+05	-1.991e+05	-2.096e+05	-2.834e+05
		448	35.29	256.59	-143.34	-38.06	151.31	176.13	5.630e+04	-5.358e+05	-2.109e+05	-2.685e+05	-2.946e+05
		447	36.65	258.65	-140.48	-34.76	152.92	176.13	5.758e+04	-5.575e+05	-2.250e+05	-2.749e+05	-3.065e+05
		424	34.32	244.75	-147.90	-38.31	135.15	176.13	8.368e+04	-5.040e+05	-2.118e+05	-2.086e+05	-2.939e+05
393	5	425	22.13	162.80	-99.93	-27.48	90.35	117.42	5.164e+04	-3.261e+05	-1.343e+05	-1.401e+05	-1.888e+05
		448	23.55	171.06	-95.56	-25.37	100.88	117.42	3.658e+04	-3.582e+05	-1.422e+05	-1.794e+05	-1.965e+05
		447	24.46	172.43	-93.66	-23.17	101.95	117.42	3.733e+04	-3.728e+05	-1.518e+05	-1.837e+05	-2.044e+05
		424	22.89	163.16	-98.60	-25.54	90.10	117.42	5.462e+04	-3.370e+05	-1.429e+05	-1.395e+05	-1.958e+05
393	8	425	4.54	32.56	-19.99	-5.50	18.07	23.48	4098.44	-7.074e+04	-3.624e+04	-3.041e+04	-3.731e+04
		448	4.89	34.21	-19.11	-5.07	20.18	23.48	1722.35	-7.780e+04	-3.781e+04	-3.827e+04	-3.976e+04
		447	5.10	34.49	-18.73	-4.63	20.39	23.48	1332.49	-8.149e+04	-4.082e+04	-3.934e+04	-4.141e+04
		424	4.71	32.63	-19.72	-5.11	18.02	23.48	4107.68	-7.366e+04	-3.905e+04	-3.050e+04	-3.865e+04
393	11	425	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.34	575.48
		448	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
		447	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-1.307e+04	-3237.55	-647.41
		424	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.54	647.42
394	1	426	28.26	200.40	-118.58	-40.55	122.37	137.12	8.613e+04	-3.541e+05	-1.445e+05	-1.234e+05	-2.199e+05
		449	30.59	203.14	-117.24	-39.87	125.77	137.12	6.024e+04	-4.045e+05	-1.573e+05	-1.870e+05	-2.319e+05
		448	32.05	203.53	-116.69	-39.23	126.08	137.12	6.168e+04	-4.255e+05	-1.707e+05	-1.931e+05	-2.433e+05
		425	29.53	200.48	-118.18	-39.99	122.30	137.12	9.107e+04	-3.700e+05	-1.565e+05	-1.224e+05	-2.299e+05
394	5	426	18.84	133.60	-79.05	-27.03	81.58	91.41	5.689e+04	-2.365e+05	-9.742e+04	-8.218e+04	-1.465e+05
		449	20.41	135.43	-78.16	-26.58	83.85	91.41	3.972e+04	-2.702e+05	-1.059e+05	-1.246e+05	-1.547e+05
		448	21.39	135.68	-77.79	-26.16	84.05	91.41	4.060e+04	-2.843e+05	-1.150e+05	-1.287e+05	-1.623e+05
		425	19.70	133.66	-78.78	-26.66	81.53	91.41	6.010e+04	-2.472e+05	-1.056e+05	-8.155e+04	-1.532e+05
394	8	426	3.82	26.72	-15.81	-5.41	16.32	18.28	8430.57	-5.012e+04	-2.589e+04	-1.580e+04	-2.883e+04
		449	4.20	27.09	-15.63	-5.32	16.77	18.28	5512.32	-5.737e+04	-2.758e+04	-2.428e+04	-3.140e+04
		448	4.43	27.14	-15.56	-5.23	16.81	18.28	5234.80	-6.091e+04	-3.039e+04	-2.529e+04	-3.297e+04
		425	4.02	26.73	-15.76	-5.33	16.31	18.28	8595.70	-5.296e+04	-2.850e+04	-1.587e+04	-3.012e+04
394	11	426	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	-7997.92	812.14	579.93
		449	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
		448	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.55	567.43	-644.37
		425	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	-9221.55	567.42	644.37
395	1	427	23.86	166.45	-96.88	-38.93	108.51	109.09	8.321e+04	-2.518e+05	-1.024e+05	-6.617e+04	-1.665e+05
		450	26.14	163.71	-98.13	-39.60	105.18	109.09	5.743e+04	-2.987e+05	-1.145e+05	-1.267e+05	-1.779e+05
		449	27.57	163.37	-98.63	-40.16	104.90	109.09	5.879e+04	-3.167e+05	-1.260e+05	-1.319e+05	-1.877e+05
		426	25.13	166.39	-97.25	-39.42	108.57	109.09	8.775e+04	-2.657e+05	-1.127e+05	-6.531e+04	-1.751e+05
395	5	427	15.91	110.97	-64.58	-25.96	72.34	72.73	5.531e+04	-1.680e+05	-6.897e+04	-4.372e+04	-1.109e+05
		450	17.44	109.14	-65.42	-26.40	70.12	72.73	3.819e+04	-1.993e+05	-7.704e+04	-8.408e+04	-1.187e+05
		449	18.39	108.92	-65.75	-26.77	69.94	72.73	3.903e+04	-2.114e+05	-8.482e+04	-8.758e+04	-1.252e+05
		426	16.75	110.93	-64.83	-26.28	72.38	72.73	5.827e+04	-1.774e+05	-7.594e+04	-4.318e+04	-1.167e+05
395	8	427	3.21	22.19	-12.92	-5.19	14.47	14.55	1.031e+04	-3.471e+04	-1.798e+04	-6424.28	-2.176e+04
		450	3.57	21.83	-13.08	-5.28	14.02	14.55	7257.00	-4.135e+04	-1.959e+04	-1.450e+04	-2.417e+04
		449	3.80	21.78	-13.15	-5.35	13.99	14.55	7068.24	-4.439e+04	-2.196e+04	-1.536e+04	-2.551e+04
		426	3.41	22.19	-12.97	-5.26	14.48	14.55	1.054e+04	-3.720e+04	-2.018e+04	-6478.02	-2.287e+04
395	11	427	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		450	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		449	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	-589.07
		426	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	-6240.14	2708.75	589.07
396	1	428	19.83	138.65	-80.78	-36.90	94.77	87.77	7.456e+04	-1.736e+05	-7.078e+04	-2.828e+04	-1.223e+05
		451	21.90	132.92	-83.27	-38.27	87.92	87.77	5.062e+04	-2.141e+05	-8.152e+04	-8.199e+04	-1.324e+05
		450	23.22	132.30	-84.20	-39.32	87.41	87.77	5.181e+04	-2.287e+05	-9.074e+04	-8.618e+04	-1.402e+05
		427	21.02	138.56	-81.49	-37.82	94.89	87.77	7.844e+04	-1.851e+05	-7.902e+04	-2.759e+04	-1.292e+05
396	5	428	13.22	92.44	-53.85	-24.60	63.18	58.51	4.977e+04	-1.157e+05	-4.762e+04	-1.834e+04	-8.144e+04
		451	14.61	88.61	-55.51	-25.52	58.61	58.51	3.385e+04	-1.428e+05	-5.478e+04	-5.415e+04	-8.831e+04
		450	15.49	88.20	-56.14	-26.21	58.27	58.51	3.459e+04	-1.526e+05	-6.103e+04	-5.696e+04	-9.357e+04
		427	14.02	92.38	-54.33	-25.21	63.26	58.51	5.231e+04	-1.234e+05	-5.322e+04	-1.790e+04	-8.607e+04
396	8	428	2.68	18.49	-10.77	-4.92	12.64	11.70	1.057e+04	-2.328e+04	-1.212e+04	-585.79	-1.591e+04
		451	2.99	17.72	-11.10	-5.10	11.72	11.70	7618.98	-2.892e+04	-1.355e+04	-7746.62	-1.804e+04
		450	3.20	17.64	-11.23	-5.24	11.65	11.70	7496.91	-3.138e+04	-1.545e+04	-8438.31	-1.912e+04
		427	2.87	18.48	-10.87	-5.04	12.65	11.70	1.081e+04	-2.532e+04	-1.388e+04	-626.50	-1.681e+04
396	11	428	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		451	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
		450	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		427	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
397	1	429	16.44	116.30	-68.49	-34.55	82.35	71.56	6.475e+04	-1.165e+05	-4.713e+04	-4629.03	-8.810e+04
		452	18.21	109.08	-71.48	-36.25	73.85	71.56	4.337e+04	-1.502e+05	-5.630e+04	-5.049e+04	-9.672e+04
		451	19.40	108.38	-72.55	-37.43	73.27	71.56	4.437e+04	-1.616e+05	-6.350e+04	-5.376e+04	-1.029e+05
		428	17.53	116.21	-69.32	-35.59	82.48	71.56	6.794e+04	-1.256e+05	-5.356e+04	-4081.80	-9.355e+04
397	5	429	10.96	77.53	-45.66	-23.03	54.90	47.70	4.336e+04	-7.756e+04	-3.166e+04	-2538.69	-5.868e+04
		452	12.15	72.72	-47.65	-24.17	49.23	47.70	2.913e+04	-1.000e+05	-3.778e+04	-3.311e+04	-6.453e+04
		451	12.94	72.26	-48.37	-24.96	48.85	47.70	2.976e+04	-1.077e+05	-4.266e+04	-3.531e+04	-6.864e+04
		428	11.69	77.48	-46.21	-23.73	54.99	47.70	4.545e+04	-8.368e+04	-3.603e+04	-2190.37	-6.231e+04
397	8	429	2.25	15.51	-9.13	-4.61	10.98	9.54	1.007e+04	-1.510e+04	-7804.02	2769.83	-1.142e+04
		452	2.50	14.54	-9.53	-4.83	9.85	9.54	7334.80	-1.971e+04	-9026.87	-3344.43	-1.322e+04
		451	2.68	14.45	-9.67	-4.99	9.77	9.54	7260.34	-2.164e+04	-1.050e+04	-3883.23	-1.407e+04
		428	2.42	15.50	-9.24	-4.75	11.00	9.54	1.029e+04	-1.672e+04	-9173.25	2740.55	-1.212e+04

397	11	429	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		452	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
		451	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.52
		428	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
398	1	430	13.51	97.55	-58.60	-32.07	71.02	58.64	5.453e+04	-7.509e+04	-2.997e+04	9403.02	-6.175e+04
		453	14.94	89.77	-61.70	-33.88	61.95	58.64	3.596e+04	-1.020e+05	-3.755e+04	-2.852e+04	-6.885e+04
		452	15.99	89.09	-62.75	-35.05	61.39	58.64	3.678e+04	-1.108e+05	-4.303e+04	-3.101e+04	-7.355e+04
		429	14.49	97.49	-59.43	-33.10	71.15	58.64	5.707e+04	-8.211e+04	-3.487e+04	9823.81	-6.590e+04
398	5	430	9.02	65.03	-39.07	-21.38	47.35	39.10	3.661e+04	-4.992e+04	-2.010e+04	6787.56	-4.112e+04
		453	9.96	59.84	-41.13	-22.59	41.30	39.10	2.424e+04	-6.789e+04	-2.516e+04	-1.849e+04	-4.594e+04
		452	10.67	59.39	-41.84	-23.37	40.92	39.10	2.476e+04	-7.379e+04	-2.887e+04	-2.017e+04	-4.908e+04
		429	9.67	64.99	-39.62	-22.06	47.43	39.10	3.828e+04	-5.465e+04	-2.343e+04	7055.81	-4.389e+04
398	8	430	1.89	13.01	-7.81	-4.28	9.47	7.82	9068.59	-9343.40	-4740.65	4465.84	-7972.49
		453	2.06	11.97	-8.23	-4.52	8.26	7.82	6616.10	-1.296e+04	-5751.80	-589.93	-9440.52
		452	2.22	11.88	-8.37	-4.67	8.18	7.82	6574.40	-1.444e+04	-6862.88	-998.82	-1.009e+04
		429	2.04	13.00	-7.92	-4.41	9.49	7.82	9259.52	-1.059e+04	-5773.95	4445.85	-8506.83
398	11	430	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		453	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	-315.18
		452	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		429	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
399	1	431	10.96	81.18	-50.32	-29.61	60.47	47.91	4.420e+04	-4.578e+04	-1.807e+04	1.649e+04	-4.153e+04
		454	11.97	73.42	-53.29	-31.40	51.53	47.91	2.854e+04	-6.638e+04	-2.412e+04	-1.373e+04	-4.718e+04
		453	12.89	72.81	-54.27	-32.47	51.01	47.91	2.918e+04	-7.291e+04	-2.816e+04	-1.557e+04	-5.066e+04
		430	11.81	81.14	-51.10	-30.55	60.59	47.91	4.615e+04	-5.103e+04	-2.168e+04	1.681e+04	-4.461e+04
399	5	431	7.32	54.12	-33.55	-19.74	40.31	31.94	2.973e+04	-3.038e+04	-1.209e+04	1.145e+04	-2.766e+04
		454	7.99	48.95	-35.53	-20.93	34.35	31.94	1.929e+04	-4.411e+04	-1.612e+04	-8699.34	-3.148e+04
		453	8.60	48.54	-36.18	-21.64	34.00	31.94	1.970e+04	-4.850e+04	-1.886e+04	-9937.76	-3.381e+04
		430	7.89	54.09	-34.07	-20.37	40.39	31.94	3.102e+04	-3.391e+04	-1.454e+04	1.165e+04	-2.971e+04
399	8	431	1.59	10.82	-6.71	-3.95	8.06	6.39	7728.03	-5415.75	-2679.57	4991.85	-5336.39
		454	1.68	9.79	-7.11	-4.19	6.87	6.39	5601.01	-8123.49	-3485.36	962.89	-6491.82
		453	1.82	9.71	-7.24	-4.33	6.80	6.39	5580.58	-9216.05	-4297.75	662.28	-6970.27
		430	1.71	10.82	-6.81	-4.07	8.08	6.39	7882.57	-6337.95	-3434.40	4979.02	-5732.31
399	11	431	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		454	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		453	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		430	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
400	1	432	8.92	67.48	-43.35	-27.09	51.21	39.22	3.523e+04	-2.620e+04	-9923.69	1.895e+04	-2.711e+04
		455	9.51	60.09	-46.09	-28.77	42.78	39.22	2.228e+04	-4.148e+04	-1.463e+04	-4573.83	-3.148e+04
		454	10.31	59.55	-46.95	-29.71	42.32	39.22	2.278e+04	-4.624e+04	-1.755e+04	-5911.48	-3.401e+04
		431	9.65	67.45	-44.05	-27.91	51.32	39.22	3.668e+04	-3.004e+04	-1.253e+04	1.918e+04	-2.935e+04
400	5	432	5.97	44.99	-28.90	-18.06	34.14	26.15	2.374e+04	-1.735e+04	-6614.05	1.300e+04	-1.805e+04
		455	6.35	40.06	-30.72	-19.18	28.52	26.15	1.510e+04	-2.752e+04	-9750.54	-2677.86	-2.101e+04
		454	6.88	39.70	-31.30	-19.81	28.21	26.15	1.541e+04	-3.072e+04	-1.173e+04	-3575.79	-2.270e+04
		431	6.46	44.97	-29.36	-18.61	34.21	26.15	2.469e+04	-1.993e+04	-8385.40	1.315e+04	-1.954e+04
400	8	432	1.35	9.00	-5.78	-3.61	6.83	5.23	6385.04	-2873.13	-1314.54	4826.45	-3464.17
		455	1.37	8.01	-6.14	-3.84	5.70	5.23	4586.76	-4838.64	-1941.83	1689.96	-4348.80
		454	1.48	7.94	-6.26	-3.96	5.64	5.23	4578.70	-5627.98	-2522.70	1473.42	-4695.94
		431	1.45	8.99	-5.87	-3.72	6.84	5.23	6503.76	-3538.33	-1853.58	4819.01	-3752.34
400	11	432	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		455	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		454	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		431	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
401	1	433	7.20	55.23	-37.24	-24.63	42.62	31.74	2.693e+04	-1.360e+04	-4818.18	1.814e+04	-1.670e+04
		456	7.35	48.45	-39.67	-26.17	34.95	31.74	1.658e+04	-2.430e+04	-8324.98	609.41	-1.994e+04
		455	8.02	48.00	-40.40	-26.97	34.56	31.74	1.694e+04	-2.762e+04	-1.036e+04	-323.35	-2.171e+04
		432	7.80	55.22	-37.84	-25.34	42.71	31.74	2.795e+04	-1.628e+04	-6632.68	1.831e+04	-1.827e+04
401	5	433	4.82	36.82	-24.83	-16.42	28.42	21.16	1.817e+04	-8977.11	-3189.91	1.238e+04	-1.112e+04
		456	4.91	32.30	-26.44	-17.45	23.30	21.16	1.125e+04	-1.609e+04	-5527.79	691.10	-1.331e+04
		455	5.35	32.00	-26.94	-17.98	23.04	21.16	1.149e+04	-1.832e+04	-6904.09	65.16	-1.449e+04
		432	5.22	36.81	-25.23	-16.89	28.48	21.16	1.884e+04	-1.078e+04	-4420.10	1.249e+04	-1.216e+04
401	8	433	1.16	7.36	-4.97	-3.28	5.68	4.23	4999.44	-1322.53	-506.38	4183.30	-2119.80
		456	1.10	6.46	-5.29	-3.49	4.66	4.23	3540.65	-2669.19	-973.96	1845.42	-2766.46
		455	1.19	6.40	-5.39	-3.60	4.61	4.23	3538.78	-3215.48	-1372.31	1695.62	-3008.64
		432	1.24	7.36	-5.05	-3.38	5.70	4.23	5083.99	-1779.89	-875.51	4179.61	-2321.56
401	11	433	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		456	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		455	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	12.63	2105.44	-137.76
		432	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
402	1	434	5.89	44.83	-31.89	-22.16	35.10	25.53	2.007e+04	-6106.17	-1727.08	1.569e+04	-9769.41
		457	5.61	38.77	-33.98	-23.52	28.31	25.53	1.202e+04	-1.324e+04	-4257.28	3037.67	-1.209e+04
		456	6.15	38.40	-34.60	-24.19	27.98	25.53	1.228e+04	-1.550e+04	-5630.34	2405.85	-1.329e+04
		433	6.35	44.82	-32.40	-22.75	35.18	25.53	2.075e+04	-7901.15	-2951.30	1.580e+04	-1.083e+04
402	5	434	3.96	29.89	-21.26	-14.77	23.40	17.02	1.355e+04	-4003.55	-1122.47	1.067e+04	-6501.19
		457	3.75	25.85	-22.66	-15.68	18.87	17.02	8170.78	-8747.54	-2809.27	2232.51	-8074.81
		456	4.12	25.60	-23.07	-16.13	18.65	17.02	8333.43	-1.026e+04	-3737.77	1808.68	-8874.77
		433	4.27	29.88	-21.60	-15.17	23.45	17.02	1.400e+04	-5209.92	-1951.75	1.074e+04	-7208.58
402	8	434	1.01	5.98	-4.25	-2.95	4.68	3.40	3772.04	-447.59	-52.14	3376.59	-1229.74

		457	0.88	5.17	-4.53	-3.14	3.77	3.40	2630.46	-1330.16	-389.50	1689.79	-1685.46
		456	0.95	5.12	-4.61	-3.23	3.73	3.40	2630.77	-1695.44	-653.95	1589.28	-1849.60
		433	1.07	5.98	-4.32	-3.03	4.69	3.40	3828.35	-749.79	-296.74	3375.30	-1367.07
402	11	434	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		457	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
		456	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		433	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
403	1	435	4.93	35.66	-27.07	-19.72	28.32	20.17	1.430e+04	-2049.37	-109.75	1.236e+04	-5286.84
		458	4.19	30.39	-28.83	-20.90	22.45	20.17	8319.86	-6491.62	-1846.92	3675.16	-6871.80
		457	4.62	30.08	-29.34	-21.44	22.19	20.17	8483.52	-7948.05	-2731.21	3266.68	-7648.89
		434	5.28	35.66	-27.49	-20.20	28.38	20.17	1.472e+04	-3183.92	-897.53	1.244e+04	-5975.88
403	5	435	3.32	23.78	-18.05	-13.15	18.88	13.45	9656.26	-1321.12	-46.20	8381.34	-3517.08
		458	2.81	20.26	-19.22	-13.93	14.97	13.45	5658.77	-4272.32	-1204.32	2590.77	-4588.68
		457	3.09	20.06	-19.56	-14.29	14.79	13.45	5764.27	-5249.14	-1801.74	2316.87	-5107.16
		434	3.55	23.77	-18.33	-13.47	18.92	13.45	9932.98	-2083.12	-579.29	8429.14	-3976.02
403	8	435	0.87	4.76	-3.61	-2.63	3.78	2.69	2690.41	-19.04	151.77	2519.60	-658.50
		458	0.69	4.05	-3.84	-2.79	2.99	2.69	1843.34	-561.70	-79.85	1361.49	-962.65
		457	0.74	4.01	-3.91	-2.86	2.96	2.69	1843.73	-793.22	-246.72	1297.23	-1068.84
		434	0.91	4.75	-3.67	-2.69	3.78	2.69	2724.75	-207.29	-2.23	2519.69	-747.79
403	11	435	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		458	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		457	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		434	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	59.25
404	1	436	4.08	27.29	-22.65	-17.36	21.99	15.38	9433.43	-231.26	496.05	8706.12	-2549.55
		459	3.02	22.84	-24.08	-18.33	17.10	15.38	5320.75	-2726.77	-605.32	3199.30	-3545.68
		458	3.34	22.61	-24.48	-18.77	16.89	15.38	5413.97	-3591.24	-1132.09	2954.83	-4012.20
		435	4.31	27.29	-22.99	-17.74	22.04	15.38	9662.99	-884.28	27.24	8751.48	-2963.64
404	5	436	2.74	18.19	-15.10	-11.57	14.66	10.25	6367.69	-126.54	351.21	5889.94	-1695.40
		459	2.03	15.23	-16.05	-12.22	11.40	10.25	3619.73	-1784.03	-383.04	2218.73	-2368.09
		458	2.24	15.07	-16.32	-12.51	11.26	10.25	3679.70	-2363.33	-738.52	2054.89	-2679.33
		435	2.90	18.19	-15.33	-11.82	14.69	10.25	6518.58	-564.89	34.37	5919.32	-1971.23
404	8	436	0.72	3.64	-3.02	-2.31	2.93	2.05	1755.64	130.04	192.83	1692.85	-313.26
		459	0.53	3.05	-3.21	-2.44	2.28	2.05	1178.80	-174.21	45.99	958.61	-499.44
		458	0.56	3.01	-3.26	-2.50	2.25	2.05	1178.53	-308.77	-50.92	920.68	-563.05
		435	0.75	3.64	-3.07	-2.36	2.94	2.05	1774.22	23.01	103.66	1693.57	-367.07
404	11	436	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		459	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		458	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		435	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
405	1	437	3.31	20.06	-18.62	-14.99	16.42	11.29	5742.76	368.82	593.31	5518.27	-1075.18
		460	2.13	16.44	-19.73	-15.78	12.48	11.29	3154.33	-899.89	-49.55	2303.99	-1650.57
		459	2.35	16.26	-20.04	-16.11	12.32	11.29	3199.17	-1368.94	-338.78	2169.00	-1909.10
		436	3.46	20.06	-18.88	-15.28	16.46	11.29	5852.69	27.53	336.22	5544.00	-1304.94
405	5	437	2.23	13.37	-12.42	-9.99	10.95	7.52	3873.19	261.60	409.00	3725.79	-714.58
		460	1.44	10.96	-13.15	-10.52	8.32	7.52	2144.66	-581.29	-19.57	1582.94	-1102.58
		459	1.58	10.84	-13.36	-10.74	8.22	7.52	2173.37	-895.32	-214.48	1492.53	-1275.05
		436	2.33	13.38	-12.59	-10.19	10.97	7.52	3945.44	32.60	235.52	3742.52	-867.65
405	8	437	0.58	2.67	-2.48	-2.00	2.19	1.50	1045.74	143.28	162.31	1026.71	-129.68
		460	0.40	2.19	-2.63	-2.10	1.66	1.50	687.57	-12.83	76.60	598.13	-233.75
		459	0.42	2.17	-2.67	-2.15	1.64	1.50	686.81	-84.22	25.05	577.54	-268.90
		436	0.60	2.68	-2.52	-2.04	2.19	1.50	1054.66	87.93	115.05	1027.54	-159.63
405	11	437	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		460	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
		459	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		436	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
406	1	438	2.48	13.54	-14.88	-12.66	11.32	7.63	2977.43	365.16	417.71	2924.88	-366.74
		461	1.45	10.74	-15.68	-13.26	8.32	7.63	1600.38	-184.53	96.58	1319.27	-650.18
		460	1.56	10.61	-15.91	-13.50	8.20	7.63	1616.40	-400.20	-39.21	1255.41	-773.08
		437	2.57	13.55	-15.07	-12.87	11.35	7.63	3020.72	213.96	297.20	2937.48	-476.14
406	5	438	1.67	9.03	-9.92	-8.44	7.55	5.08	2005.37	251.25	285.75	1970.86	-243.59
		461	0.98	7.16	-10.46	-8.84	5.54	5.08	1086.38	-114.26	71.67	900.46	-434.35
		460	1.05	7.07	-10.61	-9.00	5.47	5.08	1096.55	-258.51	-19.67	857.72	-516.33
		437	1.73	9.03	-10.05	-8.58	7.57	5.08	2033.85	149.85	204.60	1979.10	-316.48
406	8	438	0.42	1.81	-1.98	-1.69	1.51	1.02	524.24	96.28	100.71	519.81	-43.32
		461	0.28	1.43	-2.09	-1.77	1.11	1.02	336.31	27.31	57.89	305.72	-92.27
		460	0.29	1.41	-2.12	-1.80	1.09	1.02	335.63	-4.69	34.74	296.20	-108.93
		437	0.43	1.81	-2.01	-1.72	1.51	1.02	527.89	72.18	79.59	520.48	-57.64
406	11	438	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		461	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		460	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		437	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
407	1	439	1.56	7.73	-11.40	-10.35	6.68	4.35	1152.25	178.60	188.59	1142.27	-98.09
		462	0.88	5.71	-11.92	-10.77	4.57	4.35	609.29	-9.49	66.74	533.06	-203.37
		461	0.93	5.63	-12.08	-10.94	4.49	4.35	613.38	-84.72	18.54	510.12	-247.83
		438	1.60	7.73	-11.53	-10.49	6.70	4.35	1165.64	127.31	145.92	1147.03	-137.77
407	5	439	1.04	5.15	-7.60	-6.90	4.45	2.90	774.55	122.17	128.75	767.98	-65.17
		462	0.59	3.81	-7.95	-7.18	3.04	2.90	412.38	-3.03	47.52	361.83	-135.81

		461	0.63	3.75	-8.05	-7.29	2.99	2.90	414.98	-53.29	15.18	346.51	-165.46
		438	1.07	5.16	-7.69	-7.00	4.46	2.90	783.39	87.82	100.10	771.11	-91.61
407	8	439	0.25	1.03	-1.52	-1.38	0.89	0.58	193.31	42.91	43.82	192.40	-11.67
		462	0.16	0.76	-1.59	-1.44	0.61	0.58	119.98	18.76	27.57	111.17	-28.53
		461	0.16	0.75	-1.61	-1.46	0.60	0.58	119.80	8.00	19.93	107.87	-34.52
		438	0.25	1.03	-1.54	-1.40	0.89	0.58	194.60	35.10	36.91	192.79	-16.89
407	11	439	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		462	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		461	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		438	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
408	1	41	0.65	2.61	-8.26	-8.08	2.43	1.39	236.67	36.71	39.06	234.32	-21.56
		42	0.39	1.36	-8.53	-8.33	1.17	1.39	123.12	-3.18	13.49	106.45	-42.76
		462	0.41	1.32	-8.62	-8.42	1.12	1.39	124.17	-18.06	4.19	101.92	-51.66
		439	0.67	2.61	-8.34	-8.16	2.44	1.39	239.53	26.69	30.87	235.34	-29.55
408	5	41	0.43	1.74	-5.50	-5.38	1.62	0.92	158.69	25.36	26.93	157.13	-14.37
		42	0.26	0.91	-5.68	-5.55	0.78	0.92	83.00	-1.24	9.88	71.88	-28.51
		462	0.27	0.88	-5.75	-5.61	0.75	0.92	83.69	-11.15	3.67	68.86	-34.44
		439	0.45	1.74	-5.56	-5.44	1.62	0.92	160.60	18.67	21.46	157.81	-19.70
408	8	41	0.09	0.35	-1.10	-1.08	0.32	0.18	37.24	10.36	10.67	36.93	-2.86
		42	0.06	0.18	-1.14	-1.11	0.16	0.18	22.09	5.05	7.26	19.89	-5.72
		462	0.06	0.18	-1.15	-1.12	0.15	0.18	22.22	3.06	6.00	19.28	-6.90
		439	0.10	0.35	-1.11	-1.09	0.32	0.18	37.62	9.01	9.56	37.07	-3.92
408	11	41	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		42	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		462	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		439	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
409	1	442	7.62	2.34	-4.55	-3.57	1.37	2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	7.244e+04
		465	7.62	2.34	-4.55	-3.57	1.37	2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	7.244e+04
		1	7.62	2.34	-4.55	-3.57	1.37	2.40	3.912e+04	-1.803e+05	-1.530e+05	1.180e+04	7.244e+04
409	5	442	5.14	1.56	-3.03	-2.38	0.91	1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	4.829e+04
		465	5.14	1.56	-3.03	-2.38	0.91	1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	4.829e+04
		1	5.14	1.56	-3.03	-2.38	0.91	1.60	2.161e+04	-1.247e+05	-1.064e+05	3394.94	4.829e+04
409	8	442	1.69	0.31	-0.61	-0.48	0.18	0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	9658.67
		465	1.69	0.31	-0.61	-0.48	0.18	0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	9658.67
		1	1.69	0.31	-0.61	-0.48	0.18	0.32	-2.253e+04	-5.178e+04	-4.814e+04	-2.617e+04	9658.67
409	11	442	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	7.08e-05
		465	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	7.08e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	7.08e-05
410	1	443	12.88	0.65	-7.52	-2.56	-4.30	-3.99	4.334e+04	-3.193e+05	-1.058e+05	-1.701e+05	-1.784e+05
		466	12.03	1.89	-6.09	-2.12	-2.08	-3.99	7.389e+04	-2.768e+05	-9.368e+04	-1.092e+05	-1.752e+05
		465	6.86	3.00	-4.98	-1.01	-0.97	-3.99	2.633e+04	-1.679e+05	-6.287e+04	-7.875e+04	-9.681e+04
		442	9.12	0.87	-7.74	-1.82	-5.04	-3.99	-2.230e+04	-2.532e+05	-8.517e+04	-1.903e+05	-1.028e+05
410	5	443	8.66	0.44	-5.01	-1.71	-2.87	-2.66	2.434e+04	-2.174e+05	-7.511e+04	-1.180e+05	-1.190e+05
		466	8.07	1.26	-4.06	-1.41	-1.39	-2.66	4.470e+04	-1.891e+05	-6.699e+04	-7.741e+04	-1.168e+05
		465	4.64	2.00	-3.32	-0.67	-0.65	-2.66	1.301e+04	-1.165e+05	-4.641e+04	-5.707e+04	-6.454e+04
		442	6.18	0.58	-5.16	-1.21	-3.36	-2.66	-1.938e+04	-1.733e+05	-6.128e+04	-1.314e+05	-6.852e+04
410	8	443	2.36	0.09	-1.00	-0.34	-0.57	-0.53	-2.246e+04	-7.088e+04	-4.227e+04	-5.107e+04	-2.381e+04
		466	2.18	0.25	-0.81	-0.28	-0.28	-0.53	-1.843e+04	-6.517e+04	-4.064e+04	-4.296e+04	-2.334e+04
		465	1.64	0.40	-0.66	-0.13	-0.13	-0.53	-2.462e+04	-5.051e+04	-3.628e+04	-3.885e+04	-1.288e+04
		442	2.02	0.12	-1.03	-0.24	-0.67	-0.53	-3.097e+04	-6.201e+04	-3.926e+04	-5.372e+04	-1.373e+04
410	11	443	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		466	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
		465	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		442	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
411	1	444	19.87	1.58	-12.32	-3.88	-6.85	-6.79	9.421e+04	-4.755e+05	-1.406e+05	-2.407e+05	-2.804e+05
		467	18.64	3.67	-9.91	-3.13	-3.11	-6.79	1.409e+05	-4.105e+05	-1.220e+05	-1.476e+05	-2.754e+05
		466	14.29	4.69	-8.88	-2.11	-2.08	-6.79	1.013e+05	-3.194e+05	-9.596e+04	-1.221e+05	-2.099e+05
		443	16.44	1.75	-12.49	-3.20	-7.54	-6.79	3.714e+04	-4.177e+05	-1.231e+05	-2.576e+05	-2.173e+05
411	5	444	13.31	1.05	-8.21	-2.59	-4.57	-4.52	5.814e+04	-3.217e+05	-9.835e+04	-1.652e+05	-1.870e+05
		467	12.47	2.44	-6.60	-2.09	-2.07	-4.52	8.925e+04	-2.783e+05	-8.593e+04	-1.031e+05	-1.836e+05
		466	9.58	3.13	-5.92	-1.41	-1.39	-4.52	6.289e+04	-2.176e+05	-6.855e+04	-8.612e+04	-1.399e+05
		443	11.04	1.17	-8.33	-2.14	-5.02	-4.52	2.014e+04	-2.832e+05	-8.661e+04	-1.764e+05	-1.449e+05
411	8	444	3.21	0.21	-1.64	-0.52	-0.91	-0.90	-1.640e+04	-9.257e+04	-4.747e+04	-6.149e+04	-3.743e+04
		467	2.97	0.49	-1.32	-0.42	-0.41	-0.90	-1.030e+04	-8.376e+04	-4.499e+04	-4.908e+04	-3.667e+04
		466	2.44	0.63	-1.18	-0.28	-0.28	-0.90	-1.535e+04	-7.139e+04	-4.114e+04	-4.560e+04	-2.793e+04
		443	2.84	0.23	-1.67	-0.43	-1.00	-0.90	-2.367e+04	-8.474e+04	-4.475e+04	-6.366e+04	-2.903e+04
411	11	444	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.16
		467	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.17
		466	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		443	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
412	1	445	26.38	2.17	-16.94	-5.24	-9.54	-9.31	1.266e+05	-6.303e+05	-1.793e+05	-3.244e+05	-3.714e+05
		468	24.50	5.20	-13.42	-4.15	-4.08	-9.31	1.971e+05	-5.311e+05	-1.510e+05	-1.830e+05	-3.637e+05
		467	19.96	6.22	-12.40	-3.12	-3.05	-9.31	1.558e+05	-4.359e+05	-1.237e+05	-1.563e+05	-2.954e+05
		444	22.79	2.34	-17.12	-4.56	-10.22	-9.31	6.728e+04	-5.700e+05	-1.609e+05	-3.419e+05	-3.055e+05
412	5	445	17.65	1.44	-11.30	-3.49	-6.36	-6.21	7.958e+04	-4.251e+05	-1.243e+05	-2.212e+05	-2.476e+05
		468	16.38	3.46	-8.95	-2.77	-2.72	-6.21	1.265e+05	-3.589e+05	-1.055e+05	-1.269e+05	-2.425e+05
		467	13.36	4.15	-8.27	-2.08	-2.04	-6.21	9.906e+04	-2.954e+05	-8.717e+04	-1.091e+05	-1.969e+05

		444	15.27	1.56	-11.41	-3.04	-6.81	-6.21	4.009e+04	-3.849e+05	-1.119e+05	-2.329e+05	-2.037e+05
412	8	445	4.07	0.29	-2.26	-0.70	-1.27	-1.24	-1.306e+04	-1.144e+05	-5.341e+04	-7.405e+04	-4.961e+04
		468	3.72	0.69	-1.79	-0.55	-0.54	-1.24	-3928.49	-1.009e+05	-4.964e+04	-5.520e+04	-4.841e+04
		467	3.14	0.83	-1.65	-0.42	-0.41	-1.24	-9126.53	-8.791e+04	-4.549e+04	-5.154e+04	-3.927e+04
		444	3.67	0.31	-2.28	-0.61	-1.36	-1.24	-2.052e+04	-1.062e+05	-5.044e+04	-7.628e+04	-4.085e+04
412	11	445	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		468	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
		467	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.76
		444	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.75
413	1	440	32.58	2.67	-21.54	-6.61	-12.26	-11.77	1.465e+05	-7.847e+05	-2.216e+05	-4.166e+05	-4.553e+05
		463	29.89	6.67	-16.87	-5.17	-5.03	-11.77	2.455e+05	-6.439e+05	-1.817e+05	-2.167e+05	-4.443e+05
		468	24.99	7.71	-15.84	-4.13	-4.00	-11.77	2.011e+05	-5.412e+05	-1.521e+05	-1.879e+05	-3.707e+05
		445	28.75	2.85	-21.72	-5.92	-12.95	-11.77	8.319e+04	-7.202e+05	-2.016e+05	-4.354e+05	-3.843e+05
413	5	440	21.80	1.78	-14.36	-4.41	-8.17	-7.85	9.265e+04	-5.283e+05	-1.527e+05	-2.830e+05	-3.036e+05
		463	19.97	4.45	-11.25	-3.44	-3.36	-7.85	1.586e+05	-4.343e+05	-1.260e+05	-1.497e+05	-2.962e+05
		468	16.71	5.14	-10.56	-2.76	-2.67	-7.85	1.291e+05	-3.658e+05	-1.062e+05	-1.305e+05	-2.471e+05
		445	19.25	1.90	-14.48	-3.95	-8.63	-7.85	5.052e+04	-4.853e+05	-1.392e+05	-2.955e+05	-2.562e+05
413	8	440	4.92	0.36	-2.87	-0.88	-1.63	-1.57	-1.164e+04	-1.365e+05	-6.003e+04	-8.815e+04	-6.085e+04
		463	4.43	0.89	-2.25	-0.69	-0.67	-1.57	1106.59	-1.173e+05	-5.470e+04	-6.150e+04	-5.911e+04
		468	3.80	1.03	-2.11	-0.55	-0.53	-1.57	-4432.55	-1.032e+05	-5.012e+04	-5.754e+04	-4.926e+04
		445	4.48	0.38	-2.90	-0.79	-1.73	-1.57	-1.951e+04	-1.278e+05	-5.672e+04	-9.053e+04	-5.142e+04
413	11	440	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		463	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
		468	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		445	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
414	1	441	36.29	468.49	-506.30	-20.44	-17.36	487.39	2.105e+05	-7.915e+05	-2.197e+05	-3.614e+05	-4.960e+05
		464	34.85	575.10	-409.50	13.46	152.14	487.39	2.809e+05	-6.979e+05	-1.923e+05	-2.247e+05	-4.891e+05
		463	32.70	590.74	-393.86	29.10	167.78	487.39	2.607e+05	-6.532e+05	-1.803e+05	-2.122e+05	-4.567e+05
		440	34.44	468.57	-506.37	-10.01	-27.79	487.39	1.804e+05	-7.621e+05	-2.118e+05	-3.699e+05	-4.645e+05
414	5	441	24.24	312.33	-337.53	-13.63	-11.57	324.93	1.357e+05	-5.322e+05	-1.511e+05	-2.453e+05	-3.306e+05
		464	23.27	383.40	-273.00	8.97	101.42	324.93	1.827e+05	-4.698e+05	-1.329e+05	-1.542e+05	-3.261e+05
		463	21.84	393.83	-262.57	19.40	111.86	324.93	1.692e+05	-4.401e+05	-1.249e+05	-1.459e+05	-3.045e+05
		440	23.01	312.38	-337.58	-6.67	-18.53	324.93	1.156e+05	-5.126e+05	-1.459e+05	-2.510e+05	-3.097e+05
414	8	441	5.24	62.47	-67.51	-2.73	-2.31	64.99	-341.11	-1.335e+05	-5.834e+04	-7.547e+04	-6.601e+04
		464	5.00	76.68	-54.60	1.79	20.28	64.99	9374.28	-1.213e+05	-5.470e+04	-5.725e+04	-6.534e+04
		463	4.73	78.77	-52.51	3.88	22.37	64.99	6495.26	-1.156e+05	-5.343e+04	-5.565e+04	-6.102e+04
		440	5.01	62.48	-67.52	-1.33	-3.71	64.99	-4619.99	-1.297e+05	-5.764e+04	-7.667e+04	-6.181e+04
414	11	441	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		464	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
		463	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		440	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
415	1	446	41.64	349.24	-348.66	-18.16	18.74	348.46	2.825e+05	-6.368e+05	-1.421e+05	-2.123e+05	-4.583e+05
		469	41.44	406.22	-299.02	-0.39	107.59	348.46	2.944e+05	-6.224e+05	-1.377e+05	-1.903e+05	-4.577e+05
		464	40.96	415.10	-290.14	8.49	116.47	348.46	2.905e+05	-6.150e+05	-1.363e+05	-1.883e+05	-4.520e+05
		441	41.19	348.98	-348.40	-12.24	12.82	348.46	2.766e+05	-6.319e+05	-1.414e+05	-2.139e+05	-4.528e+05
415	5	446	27.78	232.83	-232.44	-12.11	12.50	232.31	1.855e+05	-4.273e+05	-9.771e+04	-1.441e+05	-3.055e+05
		469	27.66	270.81	-199.35	-0.26	71.73	232.31	1.935e+05	-4.178e+05	-9.478e+04	-1.295e+05	-3.051e+05
		464	27.34	276.73	-193.42	5.66	77.65	232.31	1.908e+05	-4.129e+05	-9.392e+04	-1.281e+05	-3.014e+05
		441	27.49	232.65	-232.26	-8.16	8.55	232.31	1.815e+05	-4.241e+05	-9.734e+04	-1.452e+05	-3.018e+05
415	8	446	5.77	46.57	-46.49	-2.42	2.50	46.46	2.004e+04	-1.021e+05	-3.751e+04	-4.451e+04	-6.095e+04
		469	5.76	54.16	-39.87	-0.05	14.35	46.46	2.197e+04	-1.005e+05	-3.693e+04	-4.158e+04	-6.118e+04
		464	5.71	55.35	-38.68	1.13	15.53	46.46	2.117e+04	-9.981e+04	-3.723e+04	-4.140e+04	-6.045e+04
		441	5.72	46.53	-46.45	-1.63	1.71	46.46	1.892e+04	-1.017e+05	-3.792e+04	-4.482e+04	-6.019e+04
415	11	446	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.78
		469	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.79
		464	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		441	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
416	1	447	38.02	262.03	-243.16	-16.50	35.37	251.26	2.783e+05	-4.924e+05	-1.030e+05	-1.112e+05	-3.853e+05
		470	38.62	289.31	-220.39	-8.16	77.08	251.26	2.579e+05	-5.205e+05	-1.110e+05	-1.515e+05	-3.887e+05
		469	39.49	292.89	-216.81	-4.58	80.66	251.26	2.624e+05	-5.339e+05	-1.161e+05	-1.553e+05	-3.977e+05
		446	38.81	261.79	-242.93	-14.12	32.98	251.26	2.858e+05	-5.019e+05	-1.069e+05	-1.092e+05	-3.938e+05
416	5	447	25.35	174.69	-162.11	-11.00	23.58	167.51	1.837e+05	-3.299e+05	-7.084e+04	-7.538e+04	-2.568e+05
		470	25.77	192.88	-146.92	-5.44	51.39	167.51	1.703e+05	-3.487e+05	-7.621e+04	-1.022e+05	-2.592e+05
		469	26.35	195.26	-144.54	-3.05	53.77	167.51	1.732e+05	-3.578e+05	-7.980e+04	-1.048e+05	-2.652e+05
		446	25.88	174.53	-161.95	-9.41	21.99	167.51	1.886e+05	-3.364e+05	-7.365e+04	-7.410e+04	-2.625e+05
416	8	447	5.16	34.94	-32.42	-2.20	4.72	33.50	2.609e+04	-7.600e+04	-2.736e+04	-2.255e+04	-5.099e+04
		470	5.32	38.58	-29.38	-1.09	10.28	33.50	2.404e+04	-8.039e+04	-2.843e+04	-2.792e+04	-5.221e+04
		469	5.45	39.05	-28.91	-0.61	10.75	33.50	2.407e+04	-8.288e+04	-3.017e+04	-2.864e+04	-5.347e+04
		446	5.27	34.91	-32.39	-1.88	4.40	33.50	2.645e+04	-7.789e+04	-2.894e+04	-2.250e+04	-5.207e+04
416	11	447	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	470.69
		470	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.70
		469	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	-537.94
		446	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	537.93
417	1	448	33.57	203.66	-178.43	-15.22	40.44	189.01	2.449e+05	-3.709e+05	-7.360e+04	-5.239e+04	-3.077e+05
		471	34.44	214.93	-169.37	-11.83	57.39	189.01	2.119e+05	-4.139e+05	-8.625e+04	-1.157e+05	-3.126e+05
		470	35.77	216.20	-168.10	-10.55	58.66	189.01	2.184e+05	-4.319e+05	-9.278e+04	-1.208e+05	-3.249e+05
		447	34.81	203.54	-178.31	-14.37	39.59	189.01	2.557e+05	-3.838e+05	-7.855e+04	-4.958e+04	-3.194e+05

417	5	448	22.38	135.77	-118.95	-10.14	26.96	126.00	1.622e+05	-2.482e+05	-5.063e+04	-3.532e+04	-2.051e+05
		471	22.98	143.29	-112.91	-7.88	38.26	126.00	1.404e+05	-2.769e+05	-5.906e+04	-7.750e+04	-2.084e+05
		470	23.87	144.14	-112.06	-7.04	39.11	126.00	1.446e+05	-2.891e+05	-6.360e+04	-8.094e+04	-2.167e+05
		447	23.21	135.69	-118.87	-9.58	26.40	126.00	1.693e+05	-2.569e+05	-5.411e+04	-3.349e+04	-2.129e+05
417	8	448	4.51	27.15	-23.79	-2.03	5.39	25.20	2.639e+04	-5.534e+04	-1.950e+04	-9447.72	-4.055e+04
		471	4.72	28.66	-22.58	-1.58	7.65	25.20	2.265e+04	-6.172e+04	-2.118e+04	-1.788e+04	-4.215e+04
		470	4.91	28.83	-22.41	-1.41	7.82	25.20	2.292e+04	-6.489e+04	-2.318e+04	-1.879e+04	-4.385e+04
		447	4.69	27.14	-23.77	-1.92	5.28	25.20	2.719e+04	-5.777e+04	-2.129e+04	-9299.14	-4.206e+04
417	11	448	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		471	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
		470	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.42
		447	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
418	1	449	29.26	162.86	-136.45	-14.08	40.49	147.15	2.057e+05	-2.752e+05	-5.146e+04	-1.807e+04	-2.398e+05
		472	30.19	165.33	-134.53	-13.35	44.14	147.15	1.695e+05	-3.209e+05	-6.511e+04	-8.633e+04	-2.450e+05
		471	31.62	165.57	-134.29	-13.11	44.39	147.15	1.757e+05	-3.382e+05	-7.126e+04	-9.120e+04	-2.568e+05
		448	30.61	162.83	-136.42	-13.92	40.33	147.15	2.162e+05	-2.876e+05	-5.609e+04	-1.535e+04	-2.511e+05
418	5	449	19.51	108.58	-90.97	-9.39	26.99	98.10	1.366e+05	-1.839e+05	-3.537e+04	-1.194e+04	-1.598e+05
		472	20.14	110.22	-89.69	-8.90	29.43	98.10	1.126e+05	-2.145e+05	-4.447e+04	-5.744e+04	-1.634e+05
		471	21.10	110.38	-89.53	-8.74	29.59	98.10	1.166e+05	-2.261e+05	-4.873e+04	-6.072e+04	-1.713e+05
		448	20.41	108.56	-90.95	-9.28	26.89	98.10	1.435e+05	-1.923e+05	-3.862e+04	-1.016e+04	-1.673e+05
418	8	449	3.92	21.72	-18.19	-1.88	5.40	19.62	2.443e+04	-3.966e+04	-1.348e+04	-1748.50	-3.150e+04
		472	4.12	22.04	-17.94	-1.78	5.89	19.62	2.014e+04	-4.629e+04	-1.530e+04	-1.085e+04	-3.314e+04
		471	4.33	22.08	-17.91	-1.75	5.92	19.62	2.046e+04	-4.929e+04	-1.713e+04	-1.170e+04	-3.477e+04
		448	4.11	21.71	-18.19	-1.86	5.38	19.62	2.528e+04	-4.198e+04	-1.511e+04	-1588.73	-3.295e+04
418	11	449	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93
		472	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.94
		471	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		448	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
419	1	450	25.15	132.44	-107.24	-13.04	38.23	117.07	1.669e+05	-1.998e+05	-3.494e+04	2134.31	-1.824e+05
		473	26.03	129.99	-109.09	-13.75	34.65	117.07	1.320e+05	-2.428e+05	-4.794e+04	-6.284e+04	-1.872e+05
		472	27.42	129.78	-109.31	-13.97	34.44	117.07	1.374e+05	-2.575e+05	-5.316e+04	-6.700e+04	-1.973e+05
		449	26.47	132.47	-107.27	-13.18	38.37	117.07	1.761e+05	-2.105e+05	-3.887e+04	4468.10	-1.920e+05
419	5	450	16.76	88.29	-71.50	-8.69	25.49	78.05	1.111e+05	-1.333e+05	-2.399e+04	1811.16	-1.215e+05
		473	17.36	86.66	-72.73	-9.17	23.10	78.05	8.789e+04	-1.620e+05	-3.265e+04	-4.150e+04	-1.249e+05
		472	18.29	86.52	-72.87	-9.31	22.96	78.05	9.141e+04	-1.720e+05	-3.627e+04	-4.431e+04	-1.316e+05
		449	17.64	88.31	-71.52	-8.79	25.58	78.05	1.171e+05	-1.405e+05	-2.674e+04	3339.90	-1.280e+05
419	8	450	3.37	17.66	-14.30	-1.74	5.10	15.61	2.143e+04	-2.773e+04	-8982.93	2682.36	-2.388e+04
		473	3.55	17.33	-14.55	-1.83	4.62	15.61	1.717e+04	-3.386e+04	-1.072e+04	-5980.42	-2.541e+04
		472	3.75	17.30	-14.57	-1.86	4.59	15.61	1.746e+04	-3.642e+04	-1.225e+04	-6703.57	-2.680e+04
		449	3.56	17.66	-14.30	-1.76	5.12	15.61	2.221e+04	-2.973e+04	-1.035e+04	2825.49	-2.512e+04
419	11	450	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		473	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		472	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	-589.07
		449	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.14	2708.75	589.07
420	1	451	21.19	108.44	-85.69	-12.08	34.84	94.19	1.309e+05	-1.405e+05	-2.296e+04	1.336e+04	-1.345e+05
		474	21.96	103.36	-89.43	-13.56	27.48	94.19	9.946e+04	-1.782e+05	-3.448e+04	-4.427e+04	-1.388e+05
		473	23.23	102.96	-89.84	-13.96	27.08	94.19	1.038e+05	-1.901e+05	-3.868e+04	-4.763e+04	-1.469e+05
		450	22.41	108.51	-85.75	-12.35	35.10	94.19	1.383e+05	-1.492e+05	-2.610e+04	1.524e+04	-1.423e+05
420	5	451	14.13	72.29	-57.13	-8.06	23.22	62.79	8.732e+04	-9.364e+04	-1.574e+04	9420.97	-8.960e+04
		474	14.65	68.90	-59.62	-9.04	18.32	62.79	6.639e+04	-1.188e+05	-2.342e+04	-2.900e+04	-9.256e+04
		473	15.50	68.64	-59.89	-9.30	18.05	62.79	6.924e+04	-1.268e+05	-2.633e+04	-3.126e+04	-9.800e+04
		450	14.94	72.34	-57.17	-8.23	23.40	62.79	9.220e+04	-9.949e+04	-1.794e+04	1.066e+04	-9.477e+04
420	8	451	2.86	14.46	-11.43	-1.61	4.64	12.56	1.796e+04	-1.873e+04	-5742.89	4966.59	-1.755e+04
		474	3.00	13.78	-11.92	-1.81	3.66	12.56	1.402e+04	-2.402e+04	-7279.79	-2717.93	-1.889e+04
		473	3.18	13.73	-11.98	-1.86	3.61	12.56	1.427e+04	-2.608e+04	-8505.89	-3298.47	-2.001e+04
		450	3.03	14.47	-11.43	-1.65	4.68	12.56	1.861e+04	-2.035e+04	-6829.27	5084.63	-1.855e+04
420	11	451	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		474	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	-467.43
		473	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		450	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
421	1	452	17.74	89.68	-69.64	-11.16	31.20	76.79	1.010e+05	-9.651e+04	-1.427e+04	1.875e+04	-9.736e+04
		475	18.38	83.31	-74.22	-12.99	22.07	76.79	7.374e+04	-1.283e+05	-2.411e+04	-3.046e+04	-1.010e+05
		474	19.52	82.85	-74.68	-13.44	21.62	76.79	7.716e+04	-1.376e+05	-2.737e+04	-3.308e+04	-1.074e+05
		451	18.84	89.76	-69.72	-11.46	31.51	76.79	1.068e+05	-1.033e+05	-1.671e+04	2.023e+04	-1.034e+05
421	5	452	11.83	59.79	-46.42	-7.44	20.80	51.19	6.750e+04	-6.420e+04	-9755.38	1.305e+04	-6.486e+04
		475	12.26	55.54	-49.48	-8.66	14.72	51.19	4.935e+04	-8.543e+04	-1.632e+04	-1.976e+04	-6.737e+04
		474	13.02	55.24	-49.79	-8.96	14.41	51.19	5.159e+04	-9.169e+04	-1.858e+04	-2.152e+04	-7.162e+04
		451	12.56	59.84	-46.48	-7.64	21.00	51.19	7.135e+04	-6.880e+04	-1.147e+04	1.402e+04	-6.890e+04
421	8	452	2.42	11.96	-9.28	-1.49	4.16	10.24	1.472e+04	-1.225e+04	-3422.64	5887.55	-1.266e+04
		475	2.52	11.11	-9.90	-1.73	2.94	10.24	1.123e+04	-1.664e+04	-4734.92	-673.86	-1.379e+04
		474	2.68	11.05	-9.96	-1.79	2.88	10.24	1.144e+04	-1.824e+04	-5681.63	-1125.66	-1.466e+04
		451	2.57	11.97	-9.30	-1.53	4.20	10.24	1.525e+04	-1.352e+04	-4259.98	5982.54	-1.344e+04
421	11	452	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		475	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
		474	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		451	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
422	1	453	14.66	74.35	-57.08	-10.27	27.54	62.93	7.620e+04	-6.395e+04	-8196.42	2.044e+04	-6.859e+04

		476	15.15	67.49	-61.90	-12.22	17.81	62.93	5.329e+04	-8.987e+04	-1.633e+04	-2.025e+04	-7.156e+04
		475	16.16	67.05	-62.35	-12.67	17.36	62.93	5.592e+04	-9.697e+04	-1.881e+04	-2.224e+04	-7.643e+04
		452	15.64	74.43	-57.16	-10.57	27.84	62.93	8.069e+04	-6.916e+04	-1.005e+04	2.158e+04	-7.323e+04
422	5	453	9.78	49.56	-38.05	-6.85	18.36	41.95	5.102e+04	-4.246e+04	-5583.81	1.415e+04	-4.569e+04
		476	10.10	45.00	-41.27	-8.15	11.87	41.95	3.576e+04	-5.975e+04	-1.101e+04	-1.298e+04	-4.775e+04
		475	10.78	44.70	-41.57	-8.45	11.58	41.95	3.748e+04	-6.452e+04	-1.272e+04	-1.432e+04	-5.100e+04
		452	10.43	49.62	-38.11	-7.05	18.56	41.95	5.398e+04	-4.597e+04	-6879.56	1.489e+04	-4.878e+04
422	8	453	2.03	9.91	-7.61	-1.37	3.67	8.39	1.175e+04	-7648.27	-1837.52	5938.02	-8885.19
		476	2.08	9.00	-8.25	-1.63	2.37	8.39	8745.57	-1.116e+04	-2922.62	512.51	-9801.26
		475	2.23	8.94	-8.31	-1.69	2.32	8.39	8910.12	-1.237e+04	-3633.42	170.03	-1.047e+04
		452	2.17	9.92	-7.62	-1.41	3.71	8.39	1.216e+04	-8614.13	-2464.85	6012.88	-9483.97
422	11	453	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		476	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
		475	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		452	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
423	1	454	11.85	61.27	-46.82	-9.44	23.90	51.41	5.562e+04	-4.024e+04	-4214.94	1.960e+04	-4.643e+04
		477	12.17	54.46	-51.52	-11.36	14.30	51.41	3.702e+04	-6.055e+04	-1.070e+04	-1.283e+04	-4.877e+04
		476	13.05	54.04	-51.93	-11.77	13.89	51.41	3.897e+04	-6.579e+04	-1.252e+04	-1.430e+04	-5.237e+04
		453	12.70	61.36	-46.90	-9.72	24.17	51.41	5.897e+04	-4.410e+04	-5572.12	2.044e+04	-4.986e+04
423	5	454	7.91	40.85	-31.21	-6.30	15.93	34.27	3.732e+04	-2.665e+04	-2853.01	1.352e+04	-3.092e+04
		477	8.11	36.30	-34.34	-7.58	9.53	34.27	2.491e+04	-4.019e+04	-7176.61	-8099.37	-3.255e+04
		476	8.70	36.03	-34.62	-7.85	9.26	34.27	2.619e+04	-4.372e+04	-8434.35	-9092.11	-3.495e+04
		453	8.48	40.90	-31.27	-6.48	16.12	34.27	3.952e+04	-2.925e+04	-3801.91	1.407e+04	-3.321e+04
423	8	454	1.68	8.17	-6.24	-1.26	3.19	6.85	9039.78	-4465.03	-831.75	5406.49	-5988.83
		477	1.69	7.26	-6.87	-1.52	1.91	6.85	6540.12	-7153.71	-1696.47	1082.88	-6704.40
		476	1.81	7.21	-6.92	-1.57	1.85	6.85	6667.63	-8048.87	-2212.65	831.41	-7199.12
		453	1.80	8.18	-6.25	-1.30	3.22	6.85	9352.92	-5175.24	-1286.16	5463.84	-6432.43
423	11	454	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		477	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		476	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		453	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
424	1	455	9.51	50.51	-38.58	-8.62	20.55	42.09	3.992e+04	-2.408e+04	-1640.71	1.747e+04	-3.054e+04
		478	9.66	44.03	-42.96	-10.43	11.50	42.09	2.512e+04	-3.958e+04	-6689.51	-7771.46	-3.234e+04
		477	10.42	43.67	-43.32	-10.79	11.14	42.09	2.654e+04	-4.338e+04	-7999.87	-8841.34	-3.496e+04
		454	10.25	50.59	-38.66	-8.86	20.80	42.09	4.235e+04	-2.688e+04	-2614.49	1.809e+04	-3.304e+04
424	5	455	6.35	33.68	-25.72	-5.75	13.70	28.06	2.683e+04	-1.590e+04	-1092.06	1.202e+04	-2.034e+04
		478	6.44	29.35	-28.64	-6.95	7.67	28.06	1.695e+04	-2.622e+04	-4457.93	-4809.61	-2.159e+04
		477	6.95	29.11	-28.88	-7.20	7.43	28.06	1.789e+04	-2.878e+04	-5362.30	-5529.03	-2.333e+04
		454	6.84	33.73	-25.77	-5.91	13.86	28.06	2.844e+04	-1.779e+04	-1772.05	1.242e+04	-2.200e+04
424	8	455	1.39	6.74	-5.14	-1.15	2.74	5.61	6817.29	-2397.96	-210.14	4629.47	-3921.07
		478	1.35	5.87	-5.73	-1.39	1.53	5.61	4780.70	-4400.40	-883.31	1263.61	-4463.28
		477	1.46	5.82	-5.78	-1.44	1.49	5.61	4878.07	-5044.26	-1248.96	1082.77	-4822.23
		454	1.49	6.75	-5.15	-1.18	2.77	5.61	7049.08	-2906.97	-530.91	4673.02	-4243.88
424	11	455	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		478	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		477	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		454	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
425	1	456	7.44	41.06	-31.56	-7.84	17.35	34.06	2.748e+04	-1.325e+04	-209.20	1.444e+04	-1.900e+04
		479	7.41	35.12	-35.49	-9.49	9.11	34.06	1.616e+04	-2.450e+04	-3972.47	-4371.43	-2.033e+04
		478	8.05	34.81	-35.80	-9.80	8.81	34.06	1.716e+04	-2.715e+04	-4878.22	-5117.07	-2.216e+04
		455	8.05	41.14	-31.63	-8.05	17.55	34.06	2.919e+04	-1.519e+04	-879.75	1.488e+04	-2.074e+04
425	5	456	4.97	27.38	-21.04	-5.23	11.56	22.70	1.851e+04	-8708.52	-117.27	9914.76	-1.265e+04
		479	4.94	23.41	-23.66	-6.32	6.08	22.70	1.094e+04	-1.620e+04	-2626.11	-2629.46	-1.357e+04
		478	5.37	23.21	-23.87	-6.53	5.87	22.70	1.160e+04	-1.798e+04	-3250.46	-3130.66	-1.479e+04
		455	5.38	27.42	-21.09	-5.36	11.70	22.70	1.963e+04	-1.002e+04	-584.82	1.020e+04	-1.381e+04
425	8	456	1.13	5.48	-4.21	-1.05	2.31	4.54	4914.71	-1116.41	108.15	3690.16	-2426.08
		479	1.05	4.68	-4.73	-1.26	1.22	4.54	3319.34	-2531.65	-393.62	1181.31	-2817.52
		478	1.14	4.64	-4.77	-1.31	1.17	4.54	3390.70	-2975.83	-641.59	1056.45	-3067.96
		455	1.21	5.48	-4.22	-1.07	2.34	4.54	5078.17	-1464.52	-108.46	3722.10	-2652.06
425	11	456	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		479	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		478	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		455	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
426	1	457	5.75	33.14	-25.74	-7.06	14.46	27.40	1.841e+04	-6561.50	528.40	1.132e+04	-1.126e+04
		480	5.55	27.82	-29.18	-8.52	7.17	27.40	9981.85	-1.443e+04	-2186.84	-2256.55	-1.220e+04
		479	6.10	27.57	-29.43	-8.78	6.91	27.40	1.067e+04	-1.622e+04	-2793.94	-2761.30	-1.344e+04
		456	6.26	33.20	-25.80	-7.23	14.63	27.40	1.956e+04	-7868.61	81.01	1.161e+04	-1.244e+04
426	5	457	3.85	22.09	-17.16	-4.71	9.64	18.27	1.242e+04	-4284.59	381.18	7753.83	-7494.57
		480	3.70	18.55	-19.45	-5.68	4.78	18.27	6784.71	-9510.65	-1428.98	-1296.97	-8147.41
		479	4.07	18.38	-19.62	-5.85	4.61	18.27	7234.56	-1.072e+04	-1846.84	-1636.09	-8975.41
		456	4.19	22.13	-17.20	-4.82	9.75	18.27	1.318e+04	-5164.35	69.80	7947.11	-8284.16
426	8	457	0.92	4.42	-3.43	-0.94	1.93	3.65	3434.50	-391.85	248.59	2794.06	-1428.42
		480	0.81	3.71	-3.89	-1.14	0.96	3.65	2221.56	-1351.10	-113.44	983.90	-1699.98
		479	0.88	3.68	-3.92	-1.17	0.92	3.65	2272.30	-1647.73	-275.76	900.32	-1869.72
		456	0.98	4.43	-3.44	-0.96	1.95	3.65	3545.18	-620.65	107.57	2816.96	-1582.19
426	11	457	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		480	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12

		479	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		456	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
427	1	458	4.36	26.22	-20.71	-6.30	11.80	21.65	1.180e+04	-2718.80	775.36	8302.21	-6205.57
		481	4.01	21.59	-23.64	-7.56	5.51	21.65	5788.49	-7896.21	-1088.86	-1018.86	-6842.26
		480	4.45	21.38	-23.85	-7.77	5.30	21.65	6236.19	-9057.62	-1476.49	-1344.95	-7646.62
		457	4.77	26.27	-20.77	-6.44	11.94	21.65	1.253e+04	-3548.21	491.30	8493.96	-6974.56
427	5	458	2.93	17.48	-13.81	-4.20	7.87	14.43	7971.42	-1752.08	543.87	5675.47	-4129.56
		481	2.67	14.39	-15.76	-5.04	3.67	14.43	3950.93	-5188.46	-698.94	-538.58	-4568.99
		480	2.97	14.25	-15.90	-5.18	3.53	14.43	4245.30	-5968.11	-965.26	-757.55	-5105.65
		457	3.20	17.52	-13.84	-4.29	7.96	14.43	8458.02	-2309.70	346.60	5801.72	-4641.80
427	8	458	0.73	3.50	-2.76	-0.84	1.57	2.89	2281.62	-33.40	269.79	1978.43	-781.00
		481	0.60	2.88	-3.15	-1.01	0.73	2.89	1401.52	-644.67	21.22	735.62	-958.71
		480	0.66	2.85	-3.18	-1.04	0.71	2.89	1435.86	-832.93	-79.42	682.35	-1068.54
		457	0.78	3.50	-2.77	-0.86	1.59	2.89	2352.00	-174.85	182.95	1994.20	-880.95
427	11	458	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		481	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		480	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	-59.25
		457	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
428	1	459	3.19	19.96	-16.23	-5.56	9.29	16.50	7031.36	-786.64	706.41	5538.31	-3073.03
		482	2.72	16.06	-18.63	-6.61	4.04	16.50	3044.99	-3891.72	-475.49	-371.23	-3467.97
		481	3.07	15.89	-18.79	-6.78	3.88	16.50	3316.37	-4586.54	-703.96	-566.22	-3950.86
		458	3.49	20.01	-16.28	-5.67	9.40	16.50	7460.27	-1265.76	540.16	5654.35	-3535.13
428	5	459	2.15	13.31	-10.82	-3.71	6.19	11.00	4757.73	-488.21	491.45	3778.07	-2044.38
		482	1.82	10.70	-12.42	-4.41	2.70	11.00	2088.20	-2546.32	-296.49	-161.63	-2316.28
		481	2.05	10.59	-12.53	-4.52	2.58	11.00	2266.87	-3012.44	-453.09	-292.48	-2638.43
		458	2.35	13.34	-10.85	-3.78	6.27	11.00	5040.77	-809.88	376.32	3854.57	-2352.23
428	8	459	0.56	2.66	-2.16	-0.74	1.24	2.20	1395.40	95.95	220.88	1270.48	-383.06
		482	0.42	2.14	-2.48	-0.88	0.54	2.20	805.02	-259.19	63.30	482.54	-489.08
		481	0.46	2.12	-2.51	-0.90	0.52	2.20	826.51	-369.14	6.17	451.21	-554.87
		458	0.60	2.67	-2.17	-0.76	1.25	2.20	1436.06	16.60	172.05	1280.62	-443.26
428	11	459	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		482	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		481	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		458	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
429	1	460	2.28	14.60	-12.38	-4.82	7.04	12.11	3901.03	-14.68	525.49	3360.86	-1350.31
		483	1.75	11.41	-14.26	-5.67	2.82	12.11	1448.80	-1701.68	-164.39	-88.49	-1574.78
		482	2.02	11.28	-14.39	-5.80	2.69	12.11	1600.86	-2085.09	-288.20	-196.04	-1842.40
		459	2.49	14.63	-12.41	-4.91	7.13	12.11	4125.50	-263.55	436.17	3425.79	-1606.70
429	5	460	1.54	9.73	-8.25	-3.22	4.70	8.07	2641.56	9.75	363.79	2287.52	-898.00
		483	1.17	7.60	-9.51	-3.78	1.88	8.07	998.81	-1106.99	-96.13	-12.05	-1052.06
		482	1.35	7.52	-9.59	-3.86	1.79	8.07	1099.06	-1363.99	-180.76	-84.17	-1230.58
		459	1.68	9.76	-8.28	-3.27	4.75	8.07	2789.63	-157.10	302.15	2330.38	-1068.82
429	8	460	0.42	1.95	-1.65	-0.64	0.94	1.61	783.00	109.32	153.27	739.05	-166.37
		483	0.28	1.52	-1.90	-0.76	0.38	1.61	418.97	-78.55	61.29	279.14	-223.65
		482	0.31	1.50	-1.92	-0.77	0.36	1.61	431.39	-137.39	31.80	262.20	-260.01
		459	0.44	1.95	-1.66	-0.65	0.95	1.61	804.22	69.27	128.38	745.11	-199.87
429	11	460	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		483	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
		482	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		459	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
430	1	461	1.51	9.79	-8.92	-4.10	4.96	8.18	1874.16	153.22	307.46	1719.93	-491.57
		484	1.02	7.30	-10.30	-4.74	1.74	8.18	579.82	-620.10	-37.15	-3.13	-599.72
		483	1.21	7.21	-10.40	-4.83	1.64	8.18	653.12	-801.31	-94.25	-53.93	-726.94
		460	1.65	9.82	-8.95	-4.16	5.02	8.18	1972.00	45.94	266.77	1751.17	-613.64
430	5	461	1.02	6.52	-5.95	-2.73	3.31	5.46	1268.66	111.15	212.25	1167.56	-326.81
		484	0.68	4.86	-6.87	-3.16	1.16	5.46	401.81	-400.44	-17.49	18.86	-400.71
		483	0.81	4.80	-6.93	-3.22	1.10	5.46	450.23	-521.78	-56.37	-15.18	-485.57
		460	1.11	6.54	-5.97	-2.77	3.35	5.46	1333.22	39.32	184.31	1188.23	-408.15
430	8	461	0.28	1.30	-1.19	-0.55	0.66	1.09	371.73	73.43	86.01	359.15	-59.96
		484	0.17	0.97	-1.37	-0.63	0.23	1.09	181.24	-11.77	40.06	129.40	-85.54
		483	0.19	0.96	-1.39	-0.64	0.22	1.09	187.57	-38.55	27.40	121.62	-102.77
		460	0.30	1.31	-1.19	-0.55	0.67	1.09	381.19	56.65	75.53	362.30	-75.97
430	11	461	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		484	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		483	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		460	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
431	1	462	0.87	5.51	-5.83	-3.38	3.05	4.67	690.12	92.51	128.61	654.02	-142.37
		485	0.53	3.69	-6.73	-3.83	0.78	4.67	180.19	-182.09	-2.15	0.24	-181.14
		484	0.64	3.62	-6.79	-3.89	0.72	4.67	207.27	-247.08	-21.85	-17.96	-227.17
		461	0.93	5.53	-5.86	-3.42	3.09	4.67	722.82	57.56	114.85	665.53	-186.63
431	5	462	0.59	3.67	-3.89	-2.25	2.03	3.11	466.23	65.01	88.76	442.48	-94.69
		485	0.36	2.46	-4.49	-2.55	0.52	3.11	125.12	-116.90	1.59	6.63	-120.99
		484	0.43	2.42	-4.53	-2.59	0.48	3.11	143.07	-160.36	-11.74	-5.55	-151.68
		461	0.62	3.69	-3.90	-2.28	2.06	3.11	487.87	41.64	79.39	450.11	-124.18
431	8	462	0.16	0.73	-0.78	-0.45	0.41	0.62	130.56	32.56	35.82	127.30	-17.57
		485	0.09	0.49	-0.90	-0.51	0.10	0.62	57.04	1.48	18.39	40.13	-25.56
		484	0.10	0.48	-0.91	-0.52	0.10	0.62	59.77	-7.77	14.54	37.46	-31.76

		461	0.16	0.74	-0.78	-0.46	0.41	0.62	134.01	27.35	32.77	128.59	-23.41
431	11	462	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		485	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		484	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		461	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
432	1	42	0.35	1.79	-3.16	-2.66	1.29	1.49	141.02	19.98	28.46	132.55	-30.89
		43	0.22	0.57	-3.56	-2.93	-0.06	1.49	36.41	-40.06	1.02	-4.67	-38.13
		485	0.26	0.53	-3.60	-2.97	-0.10	1.49	42.02	-52.84	-2.56	-8.25	-47.35
		462	0.36	1.80	-3.18	-2.69	1.31	1.49	147.93	13.07	26.07	134.93	-39.80
432	5	42	0.23	1.19	-2.11	-1.78	0.86	0.99	94.93	14.21	19.86	89.28	-20.59
		43	0.15	0.38	-2.38	-1.96	-0.04	0.99	25.17	-25.81	1.56	-2.20	-25.42
		485	0.17	0.36	-2.40	-1.98	-0.07	0.99	28.92	-34.33	-0.83	-4.59	-31.57
		462	0.24	1.20	-2.12	-1.79	0.87	0.99	99.53	9.60	18.26	90.87	-26.53
432	8	42	0.05	0.24	-0.42	-0.36	0.17	0.20	24.47	8.15	9.25	23.36	-4.10
		43	0.03	0.08	-0.48	-0.39	-8.45e-03	0.20	10.44	0.23	5.59	5.07	-5.10
		485	0.04	0.07	-0.48	-0.40	-0.01	0.20	11.18	-1.49	5.10	4.59	-6.33
		462	0.06	0.24	-0.42	-0.36	0.17	0.20	25.38	7.22	8.92	23.68	-5.29
432	11	42	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		43	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		485	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		462	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
433	1	465	7.17	4.55	-2.34	-1.13	3.34	2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	8.699e+04
		488	7.17	4.55	-2.34	-1.13	3.34	2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	8.699e+04
		1	7.17	4.55	-2.34	-1.13	3.34	2.62	9.304e+04	-1.264e+05	-8.349e+04	5.017e+04	8.699e+04
433	5	465	4.80	3.03	-1.56	-0.75	2.23	1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	5.800e+04
		488	4.80	3.03	-1.56	-0.75	2.23	1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	5.800e+04
		1	4.80	3.03	-1.56	-0.75	2.23	1.75	5.755e+04	-8.872e+04	-6.014e+04	2.897e+04	5.800e+04
433	8	465	1.47	0.61	-0.31	-0.15	0.45	0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	1.160e+04
		488	1.47	0.61	-0.31	-0.15	0.45	0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	1.160e+04
		1	1.47	0.61	-0.31	-0.15	0.45	0.35	-1.534e+04	-4.459e+04	-3.888e+04	-2.106e+04	1.160e+04
433	11	465	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
		488	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
		1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-6.75e-05
434	1	466	11.42	6.09	-1.89	2.12	2.08	-3.99	1.880e+05	-1.628e+05	5170.63	1.998e+04	-1.752e+05
		489	11.93	7.52	-0.65	2.56	4.30	-3.99	2.303e+05	-1.321e+05	1.734e+04	8.082e+04	-1.784e+05
		488	7.72	7.74	-0.87	1.82	5.04	-3.99	1.644e+05	-6.572e+04	-2545.25	1.012e+05	-1.027e+05
		465	6.36	4.98	-3.00	1.01	0.97	-3.99	7.957e+04	-1.148e+05	-2.485e+04	-1.036e+04	-9.690e+04
434	5	466	7.61	4.06	-1.26	1.41	1.39	-2.66	1.208e+05	-1.131e+05	-1093.45	8739.33	-1.168e+05
		489	7.93	5.01	-0.44	1.71	2.87	-2.66	1.489e+05	-9.263e+04	7018.39	4.930e+04	-1.189e+05
		488	5.11	5.16	-0.58	1.21	3.36	-2.66	1.050e+05	-4.833e+04	-6196.56	6.288e+04	-6.845e+04
		465	4.26	3.32	-2.00	0.67	0.65	-2.66	4.851e+04	-8.106e+04	-2.107e+04	-1.148e+04	-6.461e+04
434	8	466	1.82	0.81	-0.25	0.28	0.28	-0.53	-3201.57	-5.000e+04	-2.746e+04	-2.573e+04	-2.338e+04
		489	1.77	1.00	-0.09	0.34	0.57	-0.53	2390.78	-4.585e+04	-2.584e+04	-1.762e+04	-2.377e+04
		488	1.28	1.03	-0.12	0.24	0.67	-0.53	-6334.85	-3.676e+04	-2.824e+04	-1.486e+04	-1.366e+04
		465	1.42	0.66	-0.40	0.13	0.13	-0.53	-1.750e+04	-4.344e+04	-3.121e+04	-2.973e+04	-1.295e+04
434	11	466	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		489	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
		488	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		465	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
435	1	467	18.02	9.91	-3.67	3.13	3.11	-6.79	3.192e+05	-2.323e+05	3.165e+04	5.522e+04	-2.755e+05
		490	18.89	12.32	-1.58	3.88	6.85	-6.79	3.839e+05	-1.852e+05	5.027e+04	1.483e+05	-2.803e+05
		489	15.23	12.49	-1.75	3.20	7.54	-6.79	3.265e+05	-1.271e+05	3.394e+04	1.654e+05	-2.171e+05
		466	13.72	8.88	-4.69	2.11	2.08	-6.79	2.288e+05	-1.921e+05	6844.53	2.994e+04	-2.101e+05
435	5	467	12.00	6.60	-2.44	2.09	2.07	-4.52	2.081e+05	-1.596e+05	1.647e+04	3.207e+04	-1.837e+05
		490	12.56	8.21	-1.05	2.59	4.57	-4.52	2.512e+05	-1.282e+05	2.888e+04	9.416e+04	-1.869e+05
		489	10.11	8.33	-1.17	2.14	5.02	-4.52	2.130e+05	-8.938e+04	1.805e+04	1.055e+05	-1.447e+05
		466	9.14	5.92	-3.13	1.41	1.39	-4.52	1.479e+05	-1.327e+05	-8.74	1.523e+04	-1.401e+05
435	8	467	2.55	1.32	-0.49	0.42	0.41	-0.90	1.353e+04	-6.007e+04	-2.451e+04	-2.203e+04	-3.678e+04
		490	2.53	1.64	-0.21	0.52	0.91	-0.90	2.202e+04	-5.366e+04	-2.202e+04	-9615.72	-3.733e+04
		489	2.04	1.67	-0.23	0.43	1.00	-0.90	1.450e+04	-4.559e+04	-2.382e+04	-7266.35	-2.888e+04
		466	2.08	1.18	-0.63	0.28	0.28	-0.90	1721.08	-5.448e+04	-2.743e+04	-2.533e+04	-2.808e+04
435	11	467	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17
		490	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.16
		489	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		466	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
436	1	468	23.86	13.42	-5.20	4.15	4.08	-9.31	4.365e+05	-2.920e+05	5.832e+04	8.616e+04	-3.640e+05
		491	25.28	16.94	-2.17	5.24	9.54	-9.31	5.349e+05	-2.207e+05	8.660e+04	2.276e+05	-3.712e+05
		490	21.50	17.12	-2.34	4.56	10.22	-9.31	4.751e+05	-1.600e+05	6.972e+04	2.454e+05	-3.052e+05
		467	19.35	12.40	-6.22	3.12	3.05	-9.31	3.423e+05	-2.499e+05	3.260e+04	5.981e+04	-2.957e+05
436	5	468	15.88	8.95	-3.46	2.77	2.72	-6.21	2.861e+05	-1.996e+05	3.412e+04	5.247e+04	-2.427e+05
		491	16.81	11.30	-1.44	3.49	6.36	-6.21	3.517e+05	-1.520e+05	5.298e+04	1.467e+05	-2.474e+05
		490	14.28	11.41	-1.56	3.04	6.81	-6.21	3.119e+05	-1.114e+05	4.181e+04	1.586e+05	-2.034e+05
		467	12.88	8.27	-4.15	2.08	2.04	-6.21	2.234e+05	-1.714e+05	1.706e+04	3.492e+04	-1.972e+05
436	8	468	3.26	1.79	-0.69	0.55	0.54	-1.24	2.811e+04	-6.915e+04	-2.173e+04	-1.931e+04	-4.862e+04
		491	3.28	2.26	-0.29	0.70	1.27	-1.24	4.096e+04	-5.938e+04	-1.796e+04	-460.90	-4.940e+04
		490	2.75	2.28	-0.31	0.61	1.36	-1.24	3.316e+04	-5.084e+04	-1.970e+04	2018.55	-4.058e+04
		467	2.72	1.65	-0.83	0.42	0.41	-1.24	1.587e+04	-6.324e+04	-2.465e+04	-2.273e+04	-3.954e+04

436	11	468	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		491	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
		490	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		467	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.76
437	1	463	29.20	16.87	-6.67	5.17	5.03	-11.77	5.451e+05	-3.449e+05	8.590e+04	1.143e+05	-4.448e+05
		486	31.34	21.54	-2.67	6.61	12.26	-11.77	6.845e+05	-2.445e+05	1.259e+05	3.142e+05	-4.549e+05
		491	27.32	21.72	-2.85	5.92	12.95	-11.77	6.206e+05	-1.794e+05	1.078e+05	3.334e+05	-3.838e+05
		468	24.34	15.84	-7.71	4.13	4.00	-11.77	4.437e+05	-2.994e+05	5.833e+04	8.591e+04	-3.713e+05
437	5	463	19.44	11.25	-4.45	3.44	3.36	-7.85	3.583e+05	-2.351e+05	5.235e+04	7.092e+04	-2.965e+05
		486	20.84	14.36	-1.78	4.41	8.17	-7.85	4.512e+05	-1.680e+05	7.900e+04	2.042e+05	-3.032e+05
		491	18.15	14.48	-1.90	3.95	8.63	-7.85	4.086e+05	-1.245e+05	6.707e+04	2.170e+05	-2.558e+05
		468	16.20	10.56	-5.14	2.76	2.67	-7.85	2.908e+05	-2.047e+05	3.407e+04	5.204e+04	-2.476e+05
437	8	463	3.93	2.25	-0.89	0.69	0.67	-1.57	4.125e+04	-7.765e+04	-1.902e+04	-1.737e+04	-5.944e+04
		486	4.01	2.87	-0.36	0.88	1.63	-1.57	5.939e+04	-6.380e+04	-1.369e+04	9282.69	-6.051e+04
		491	3.44	2.90	-0.38	0.79	1.73	-1.57	5.106e+04	-5.456e+04	-1.547e+04	1.197e+04	-5.100e+04
		468	3.33	2.11	-1.03	0.55	0.53	-1.57	2.814e+04	-7.123e+04	-2.207e+04	-2.102e+04	-4.968e+04
437	11	463	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	-169.34
		486	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04	169.34
		491	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	209.66
		468	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04	-209.66
438	1	464	34.22	409.50	-575.10	-13.46	-152.14	487.39	6.092e+05	-3.691e+05	1.010e+05	1.391e+05	-4.888e+05
		487	35.49	506.30	-468.49	20.44	17.36	487.39	7.038e+05	-2.997e+05	1.284e+05	2.758e+05	-4.963e+05
		486	33.60	506.37	-468.57	10.01	27.79	487.39	6.739e+05	-2.705e+05	1.194e+05	2.841e+05	-4.650e+05
		463	32.07	393.86	-590.74	-29.10	-167.78	487.39	5.638e+05	-3.495e+05	8.789e+04	1.264e+05	-4.562e+05
438	5	464	22.79	273.00	-383.40	-8.97	-101.42	324.93	4.016e+05	-2.506e+05	6.268e+04	8.834e+04	-3.258e+05
		487	23.63	337.53	-312.33	13.63	11.57	324.93	4.647e+05	-2.044e+05	8.090e+04	1.794e+05	-3.309e+05
		486	22.36	337.58	-312.38	6.67	18.53	324.93	4.448e+05	-1.849e+05	7.488e+04	1.850e+05	-3.100e+05
		463	21.35	262.57	-393.83	-19.40	-111.86	324.93	3.713e+05	-2.376e+05	5.385e+04	7.984e+04	-3.041e+05
438	8	464	4.53	54.60	-76.68	-1.79	-20.28	64.99	5.298e+04	-7.730e+04	-1.558e+04	-8735.60	-6.505e+04
		487	4.64	67.51	-62.47	2.73	2.31	64.99	6.593e+04	-6.838e+04	-1.194e+04	9484.97	-6.629e+04
		486	4.39	67.52	-62.48	1.33	3.71	64.99	6.180e+04	-6.476e+04	-1.347e+04	1.052e+04	-6.213e+04
		463	4.26	52.51	-78.77	-3.88	-22.37	64.99	4.671e+04	-7.489e+04	-1.768e+04	-1.050e+04	-6.070e+04
438	11	464	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	141.54
		487	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04	-141.54
		486	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	-163.31
		463	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04	163.31
439	1	469	40.98	299.02	-406.22	0.39	-107.59	348.46	5.676e+05	-3.487e+05	7.939e+04	1.395e+05	-4.572e+05
		492	41.23	348.66	-349.24	18.16	-18.74	348.46	5.831e+05	-3.378e+05	8.379e+04	1.615e+05	-4.588e+05
		487	40.78	348.40	-348.98	12.24	-12.82	348.46	5.774e+05	-3.330e+05	8.154e+04	1.628e+05	-4.534e+05
		464	40.49	290.14	-415.10	-8.49	-116.47	348.46	5.593e+05	-3.457e+05	7.641e+04	1.372e+05	-4.515e+05
439	5	469	27.30	199.35	-270.81	0.26	-71.73	232.31	3.756e+05	-2.352e+05	4.993e+04	9.042e+04	-3.048e+05
		492	27.47	232.44	-232.83	12.11	-12.50	232.31	3.860e+05	-2.280e+05	5.286e+04	1.051e+05	-3.059e+05
		487	27.17	232.26	-232.65	8.16	-8.55	232.31	3.821e+05	-2.249e+05	5.128e+04	1.059e+05	-3.023e+05
		464	26.97	193.42	-276.73	-5.66	-77.65	232.31	3.700e+05	-2.333e+05	4.786e+04	8.883e+04	-3.009e+05
439	8	469	5.41	39.87	-54.16	0.05	-14.35	46.46	5.823e+04	-6.381e+04	-7984.26	2402.21	-6.080e+04
		492	5.46	46.49	-46.57	2.42	-2.50	46.46	6.063e+04	-6.269e+04	-7397.90	5334.00	-6.133e+04
		487	5.41	46.45	-46.53	1.63	-1.71	46.46	5.962e+04	-6.240e+04	-8190.82	5409.96	-6.063e+04
		464	5.35	38.68	-55.35	-1.13	-15.53	46.46	5.682e+04	-6.370e+04	-8874.91	1989.53	-6.001e+04
439	11	469	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	188.79
		492	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04	-188.78
		487	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	-220.25
		464	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04	220.25
440	1	470	38.27	220.39	-289.31	8.16	-77.08	251.26	4.864e+05	-2.907e+05	6.828e+04	1.274e+05	-3.874e+05
		493	37.92	243.16	-262.03	16.50	-35.37	251.26	4.605e+05	-3.131e+05	6.022e+04	8.713e+04	-3.866e+05
		492	38.72	242.93	-261.79	14.12	-32.98	251.26	4.681e+05	-3.227e+05	6.085e+04	8.450e+04	-3.952e+05
		469	39.11	216.81	-292.89	4.58	-80.66	251.26	4.977e+05	-2.971e+05	7.007e+04	1.306e+05	-3.963e+05
440	5	470	25.50	146.92	-192.88	5.44	-51.39	167.51	3.225e+05	-1.955e+05	4.332e+04	8.372e+04	-2.582e+05
		493	25.28	162.11	-174.69	11.00	-23.58	167.51	3.053e+05	-2.105e+05	3.795e+04	5.685e+04	-2.578e+05
		492	25.81	161.95	-174.53	9.41	-21.99	167.51	3.103e+05	-2.171e+05	3.820e+04	5.505e+04	-2.636e+05
		469	26.06	144.54	-195.26	3.05	-53.77	167.51	3.300e+05	-1.999e+05	4.434e+04	8.576e+04	-2.641e+05
440	8	470	5.05	29.38	-38.58	1.09	-10.28	33.50	5.410e+04	-4.936e+04	-4524.92	9269.00	-5.127e+04
		493	5.08	32.42	-34.94	2.20	-4.72	33.50	5.129e+04	-5.300e+04	-5599.79	3894.61	-5.193e+04
		492	5.20	32.39	-34.91	1.88	-4.40	33.50	5.175e+04	-5.499e+04	-6569.57	3332.13	-5.314e+04
		469	5.16	28.91	-39.05	0.61	-10.75	33.50	5.498e+04	-5.084e+04	-5341.14	9474.28	-5.239e+04
440	11	470	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	470.70
		493	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51	-470.69
		492	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89	-537.93
		469	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88	537.94
441	1	471	34.18	169.37	-214.93	11.83	-57.39	189.01	3.942e+05	-2.301e+05	5.592e+04	1.081e+05	-3.111e+05
		494	33.60	178.43	-203.66	15.22	-40.44	189.01	3.533e+05	-2.652e+05	4.327e+04	4.486e+04	-3.092e+05
		493	34.84	178.31	-203.54	14.37	-39.59	189.01	3.641e+05	-2.781e+05	4.465e+04	4.134e+04	-3.211e+05
		470	35.48	168.10	-216.20	10.55	-58.66	189.01	4.100e+05	-2.386e+05	5.888e+04	1.125e+05	-3.232e+05
441	5	471	22.78	112.91	-143.29	7.88	-38.26	126.00	2.618e+05	-1.544e+05	3.572e+04	7.169e+04	-2.073e+05
		494	22.40	118.95	-135.77	10.14	-26.96	126.00	2.346e+05	-1.778e+05	2.728e+04	2.951e+04	-2.062e+05
		493	23.23	118.87	-135.69	9.58	-26.40	126.00	2.417e+05	-1.866e+05	2.802e+04	2.713e+04	-2.142e+05
		470	23.64	112.06	-144.14	7.04	-39.11	126.00	2.722e+05	-1.601e+05	3.751e+04	7.458e+04	-2.154e+05
441	8	471	4.52	22.58	-28.66	1.58	-7.65	25.20	4.647e+04	-3.674e+04	-2228.58	1.195e+04	-4.100e+04

		494	4.53	23.79	-27.15	2.03	-5.39	25.20	4.167e+04	-4.207e+04	-3915.71	3519.03	-4.171e+04
		493	4.71	23.77	-27.14	1.92	-5.28	25.20	4.250e+04	-4.454e+04	-4859.94	2824.04	-4.335e+04
		470	4.69	22.41	-28.83	1.41	-7.82	25.20	4.791e+04	-3.856e+04	-2961.92	1.231e+04	-4.256e+04
441	11	471	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	575.48
		494	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35	-575.48
		493	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	-647.42
		470	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55	647.42
442	1	472	30.01	134.53	-165.33	13.35	-44.14	147.15	3.110e+05	-1.779e+05	4.441e+04	8.860e+04	-2.434e+05
		495	29.34	136.45	-162.86	14.08	-40.49	147.15	2.670e+05	-2.159e+05	3.076e+04	2.034e+04	-2.414e+05
		494	30.68	136.42	-162.83	13.92	-40.33	147.15	2.775e+05	-2.283e+05	3.220e+04	1.699e+04	-2.528e+05
		471	31.40	134.29	-165.57	13.11	-44.39	147.15	3.262e+05	-1.860e+05	4.737e+04	9.283e+04	-2.551e+05
442	5	472	20.00	89.69	-110.22	8.90	-29.43	98.10	2.068e+05	-1.191e+05	2.854e+04	5.918e+04	-1.622e+05
		495	19.57	90.97	-108.58	9.39	-26.99	98.10	1.776e+05	-1.445e+05	1.944e+04	1.367e+04	-1.610e+05
		494	20.46	90.95	-108.56	9.28	-26.89	98.10	1.845e+05	-1.528e+05	2.024e+04	1.140e+04	-1.686e+05
		471	20.93	89.53	-110.38	8.74	-29.59	98.10	2.169e+05	-1.245e+05	3.035e+04	6.197e+04	-1.700e+05
442	8	472	3.98	17.94	-22.04	1.78	-5.89	19.62	3.854e+04	-2.676e+04	-696.35	1.247e+04	-3.198e+04
		495	3.98	18.19	-21.72	1.88	-5.40	19.62	3.322e+04	-3.236e+04	-2516.62	3372.79	-3.266e+04
		494	4.16	18.19	-21.71	1.86	-5.38	19.62	3.406e+04	-3.467e+04	-3335.72	2723.57	-3.423e+04
		471	4.17	17.91	-22.08	1.75	-5.92	19.62	3.998e+04	-2.846e+04	-1313.21	1.284e+04	-3.348e+04
442	11	472	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.94
		495	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.93
		494	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	-644.37
		471	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
443	1	473	25.91	109.09	-129.99	13.75	-34.65	117.07	2.392e+05	-1.342e+05	3.445e+04	7.055e+04	-1.858e+05
		496	25.23	107.24	-132.44	13.04	-38.23	117.07	1.975e+05	-1.705e+05	2.145e+04	5580.84	-1.838e+05
		495	26.54	107.27	-132.47	13.18	-38.37	117.07	2.066e+05	-1.811e+05	2.273e+04	2716.89	-1.936e+05
		472	27.26	109.31	-129.78	13.97	-34.44	117.07	2.523e+05	-1.411e+05	3.702e+04	7.418e+04	-1.958e+05
443	5	473	17.27	72.73	-86.66	9.17	-23.10	78.05	1.593e+05	-8.961e+04	2.227e+04	4.742e+04	-1.238e+05
		496	16.83	71.50	-88.29	8.69	-25.49	78.05	1.316e+05	-1.138e+05	1.361e+04	4108.84	-1.226e+05
		495	17.70	71.52	-88.31	8.79	-25.58	78.05	1.375e+05	-1.210e+05	1.432e+04	2172.42	-1.291e+05
		472	18.17	72.87	-86.52	9.31	-22.96	78.05	1.679e+05	-9.427e+04	2.385e+04	4.982e+04	-1.305e+05
443	8	473	3.46	14.55	-17.33	1.83	-4.62	15.61	3.105e+04	-1.897e+04	269.06	1.180e+04	-2.434e+04
		496	3.43	14.30	-17.66	1.74	-5.10	15.61	2.590e+04	-2.422e+04	-1463.50	3141.90	-2.495e+04
		495	3.61	14.30	-17.66	1.76	-5.12	15.61	2.663e+04	-2.617e+04	-2133.92	2592.00	-2.630e+04
		472	3.64	14.57	-17.30	1.86	-4.59	15.61	3.230e+04	-2.041e+04	-228.10	1.212e+04	-2.562e+04
443	11	473	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		496	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		495	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.14	2708.75	-589.07
		472	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	589.07
444	1	474	21.90	89.43	-103.36	13.56	-27.48	94.19	1.785e+05	-9.797e+04	2.614e+04	5.444e+04	-1.375e+05
		497	21.25	85.69	-108.44	12.08	-34.84	94.19	1.417e+05	-1.303e+05	1.462e+04	-3196.23	-1.357e+05
		496	22.46	85.75	-108.51	12.35	-35.10	94.19	1.491e+05	-1.389e+05	1.566e+04	-5502.25	-1.436e+05
		473	23.14	89.84	-102.96	13.96	-27.08	94.19	1.891e+05	-1.035e+05	2.823e+04	5.737e+04	-1.456e+05
444	5	474	14.60	59.62	-68.90	9.04	-18.32	62.79	1.191e+05	-6.526e+04	1.700e+04	3.681e+04	-9.163e+04
		497	14.17	57.13	-72.29	8.06	-23.22	62.79	9.455e+04	-8.686e+04	9312.05	-1615.77	-9.054e+04
		496	14.98	57.17	-72.34	8.23	-23.40	62.79	9.938e+04	-9.266e+04	9900.79	-3174.63	-9.580e+04
		473	15.42	59.89	-68.64	9.30	-18.05	62.79	1.260e+05	-6.901e+04	1.828e+04	3.874e+04	-9.698e+04
444	8	474	2.95	11.92	-13.78	1.81	-3.66	12.56	2.421e+04	-1.296e+04	803.67	1.044e+04	-1.795e+04
		497	2.90	11.43	-14.46	1.61	-4.64	12.56	1.958e+04	-1.755e+04	-733.24	2759.24	-1.848e+04
		496	3.07	11.43	-14.47	1.65	-4.68	12.56	2.018e+04	-1.912e+04	-1260.72	2318.42	-1.957e+04
		473	3.11	11.98	-13.73	1.86	-3.61	12.56	2.523e+04	-1.411e+04	415.90	1.070e+04	-1.899e+04
444	11	474	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	467.43
		497	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
		496	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		473	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
445	1	475	18.35	74.22	-83.31	12.99	-22.07	76.79	1.309e+05	-7.023e+04	1.941e+04	4.123e+04	-9.995e+04
		498	17.76	69.64	-89.68	11.16	-31.20	76.79	9.956e+04	-9.798e+04	9564.03	-7985.01	-9.838e+04
		497	18.85	69.72	-89.76	11.46	-31.51	76.79	1.053e+05	-1.047e+05	1.040e+04	-9786.54	-1.045e+05
		474	19.47	74.68	-82.85	13.44	-21.62	76.79	1.391e+05	-7.455e+04	2.106e+04	4.352e+04	-1.062e+05
445	5	475	12.24	49.48	-55.54	8.66	-14.72	51.19	8.739e+04	-4.666e+04	1.269e+04	2.803e+04	-6.658e+04
		498	11.84	46.42	-59.79	7.44	-20.80	51.19	6.654e+04	-6.519e+04	6131.49	-4776.01	-6.564e+04
		497	12.57	46.48	-59.84	7.64	-21.00	51.19	7.034e+04	-6.973e+04	6605.37	-5993.53	-6.975e+04
		474	12.98	49.79	-55.24	8.96	-14.41	51.19	9.285e+04	-4.959e+04	1.371e+04	2.955e+04	-7.078e+04
445	8	475	2.49	9.90	-11.11	1.73	-2.94	10.24	1.855e+04	-8603.23	1067.02	8883.78	-1.300e+04
		498	2.43	9.28	-11.96	1.49	-4.16	10.24	1.454e+04	-1.246e+04	-245.26	2322.37	-1.344e+04
		497	2.58	9.30	-11.97	1.53	-4.20	10.24	1.502e+04	-1.368e+04	-645.19	1979.92	-1.429e+04
		474	2.64	9.96	-11.05	1.79	-2.88	10.24	1.936e+04	-9495.65	776.45	9088.12	-1.382e+04
445	11	475	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		498	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
		497	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		474	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.51
446	1	476	15.15	61.90	-67.49	12.22	-17.81	62.93	9.346e+04	-4.896e+04	1.406e+04	3.044e+04	-7.074e+04
		499	14.63	57.08	-74.35	10.27	-27.54	62.93	6.772e+04	-7.205e+04	5919.84	-1.025e+04	-6.941e+04
		498	15.60	57.16	-74.43	10.57	-27.84	62.93	7.215e+04	-7.720e+04	6572.41	-1.162e+04	-7.412e+04
		475	16.14	62.35	-67.05	12.67	-17.36	62.93	9.978e+04	-5.224e+04	1.534e+04	3.220e+04	-7.554e+04
446	5	476	10.10	41.27	-45.00	8.15	-11.87	41.95	6.250e+04	-3.244e+04	9252.54	2.081e+04	-4.711e+04
		499	9.75	38.05	-49.56	6.85	-18.36	41.95	4.535e+04	-4.784e+04	3827.04	-6315.47	-4.632e+04

		498	10.40	38.11	-49.62	7.05	-18.56	41.95	4.827e+04	-5.131e+04	4200.70	-7242.36	-4.946e+04
		475	10.76	41.57	-44.70	8.45	-11.58	41.95	6.668e+04	-3.466e+04	1.004e+04	2.197e+04	-5.032e+04
446	8	476	2.08	8.25	-9.00	1.63	-2.37	8.39	1.387e+04	-5471.02	1129.75	7270.74	-9170.91
		499	2.01	7.61	-9.91	1.37	-3.67	8.39	1.050e+04	-8613.10	44.65	1845.23	-9515.55
		498	2.14	7.62	-9.92	1.41	-3.71	8.39	1.087e+04	-9535.44	-248.80	1586.22	-1.016e+04
		475	2.21	8.31	-8.94	1.69	-2.32	8.39	1.449e+04	-6143.98	919.77	7429.07	-9791.66
446	11	476	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		499	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
		498	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		475	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
447	1	477	12.19	51.52	-54.46	11.36	-14.30	51.41	6.428e+04	-3.270e+04	9903.88	2.168e+04	-4.814e+04
		500	11.76	46.82	-61.27	9.44	-23.90	51.41	4.393e+04	-5.126e+04	3418.48	-1.075e+04	-4.706e+04
		499	12.60	46.90	-61.36	9.72	-24.17	51.41	4.722e+04	-5.507e+04	3914.25	-1.176e+04	-5.054e+04
		476	13.05	51.93	-54.04	11.77	-13.89	51.41	6.897e+04	-3.513e+04	1.086e+04	2.298e+04	-5.169e+04
447	5	477	8.13	34.34	-36.30	7.58	-9.53	34.27	4.306e+04	-2.160e+04	6559.54	1.490e+04	-3.206e+04
		500	7.84	31.21	-40.85	6.30	-15.93	34.27	2.949e+04	-3.397e+04	2235.94	-6715.67	-3.141e+04
		499	8.40	31.27	-40.90	6.48	-16.12	34.27	3.165e+04	-3.653e+04	2522.34	-7399.58	-3.373e+04
		476	8.71	34.62	-36.03	7.85	-9.26	34.27	4.615e+04	-2.324e+04	7154.77	1.576e+04	-3.443e+04
447	8	477	1.70	6.87	-7.26	1.52	-1.91	6.85	1.000e+04	-3267.01	1050.76	5683.23	-6216.51
		500	1.61	6.24	-8.17	1.26	-3.19	6.85	7276.08	-5730.42	186.04	1359.62	-6476.72
		499	1.72	6.25	-8.18	1.30	-3.22	6.85	7554.93	-6406.33	-21.31	1169.91	-6955.17
		476	1.81	6.92	-7.21	1.57	-1.85	6.85	1.046e+04	-3757.47	905.18	5802.35	-6676.38
447	11	477	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		500	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		499	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		476	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
448	1	478	9.70	42.96	-44.03	10.43	-11.50	42.09	4.304e+04	-2.123e+04	6756.38	1.505e+04	-3.187e+04
		501	9.36	38.58	-50.51	8.62	-20.55	42.09	2.734e+04	-3.582e+04	1707.58	-1.019e+04	-3.101e+04
		500	10.09	38.66	-50.59	8.86	-20.80	42.09	2.974e+04	-3.859e+04	2080.17	-1.092e+04	-3.354e+04
		477	10.44	43.32	-43.67	10.79	-11.14	42.09	4.645e+04	-2.298e+04	7465.56	1.600e+04	-3.445e+04
448	5	478	6.47	28.64	-29.35	6.95	-7.67	28.06	2.888e+04	-1.397e+04	4506.00	1.041e+04	-2.122e+04
		501	6.23	25.72	-33.68	5.75	-13.70	28.06	1.840e+04	-2.368e+04	1140.13	-6422.92	-2.070e+04
		500	6.72	25.77	-33.73	5.91	-13.86	28.06	1.999e+04	-2.555e+04	1357.72	-6917.94	-2.239e+04
		477	6.97	28.88	-29.11	7.20	-7.43	28.06	3.113e+04	-1.515e+04	4947.98	1.103e+04	-2.294e+04
448	8	478	1.38	5.73	-5.87	1.39	-1.53	5.61	7044.55	-1828.27	909.47	4306.81	-4098.32
		501	1.28	5.14	-6.74	1.15	-2.74	5.61	4889.10	-3711.86	236.30	940.94	-4286.03
		500	1.38	5.15	-6.75	1.18	-2.77	5.61	5096.76	-4196.73	95.05	804.99	-4633.17
		477	1.48	5.78	-5.82	1.44	-1.49	5.61	7385.28	-2176.93	813.10	4395.24	-4432.95
448	11	478	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		501	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		500	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		477	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
449	1	479	7.46	35.49	-35.12	9.49	-9.11	34.06	2.737e+04	-1.299e+04	4429.61	9952.08	-1.999e+04
		502	7.22	31.56	-41.06	7.84	-17.35	34.06	1.582e+04	-2.401e+04	666.35	-8864.25	-1.934e+04
		501	7.84	31.63	-41.14	8.05	-17.55	34.06	1.750e+04	-2.594e+04	936.62	-9374.69	-2.110e+04
		478	8.09	35.80	-34.81	9.80	-8.81	34.06	2.976e+04	-1.421e+04	4935.09	1.062e+04	-2.180e+04
449	5	479	4.98	23.66	-23.41	6.32	-6.08	22.70	1.840e+04	-8507.50	2975.28	6919.55	-1.331e+04
		502	4.81	21.04	-27.38	5.23	-11.56	22.70	1.068e+04	-1.584e+04	466.43	-5624.67	-1.291e+04
		501	5.22	21.09	-27.42	5.36	-11.70	22.70	1.180e+04	-1.714e+04	626.10	-5969.07	-1.409e+04
		478	5.40	23.87	-23.21	6.53	-5.87	22.70	1.998e+04	-9329.51	3291.74	7359.17	-1.451e+04
449	8	479	1.09	4.73	-4.68	1.26	-1.22	4.54	4727.05	-909.28	726.66	3091.11	-2558.20
		502	0.98	4.21	-5.48	1.05	-2.31	4.54	3094.92	-2287.76	224.89	582.27	-2685.40
		501	1.06	4.22	-5.48	1.07	-2.34	4.54	3244.21	-2621.71	133.73	488.77	-2927.58
		478	1.17	4.77	-4.64	1.31	-1.17	4.54	4967.55	-1146.27	666.85	3154.42	-2792.44
449	11	479	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		502	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		501	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		478	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
450	1	480	5.61	29.18	-27.82	8.52	-7.17	27.40	1.665e+04	-7562.61	2767.67	6317.61	-1.197e+04
		503	5.48	25.74	-33.14	7.06	-14.46	27.40	8453.03	-1.566e+04	52.43	-7258.59	-1.149e+04
		502	6.01	25.80	-33.20	7.23	-14.63	27.40	9600.50	-1.696e+04	243.92	-7603.62	-1.269e+04
		479	6.14	29.43	-27.57	8.78	-6.91	27.40	1.827e+04	-8382.56	3118.88	6771.18	-1.320e+04
450	5	480	3.74	19.45	-18.55	5.68	-4.78	18.27	1.122e+04	-4925.55	1874.03	4419.14	-7971.19
		503	3.65	17.16	-22.09	4.71	-9.64	18.27	5738.14	-1.031e+04	63.87	-4631.66	-7670.79
		502	4.00	17.20	-22.13	4.82	-9.75	18.27	6495.08	-1.118e+04	178.40	-4864.30	-8470.75
		479	4.10	19.62	-18.38	5.85	-4.61	18.27	1.229e+04	-5479.23	2095.04	4718.89	-8788.82
450	8	480	0.84	3.89	-3.71	1.14	-0.96	3.65	3053.49	-379.21	547.16	2127.12	-1523.74
		503	0.73	3.43	-4.42	0.94	-1.93	3.65	1857.05	-1354.96	185.13	316.96	-1604.65
		502	0.80	3.44	-4.43	0.96	-1.95	3.65	1961.89	-1577.92	129.29	254.68	-1768.79
		479	0.91	3.92	-3.68	1.17	-0.92	3.65	3218.33	-534.39	512.62	2171.32	-1683.12
450	11	480	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		503	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
		502	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		479	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
451	1	481	4.06	23.64	-21.59	7.56	-5.51	21.65	9480.47	-4083.14	1625.91	3771.41	-6696.42
		504	4.06	20.71	-26.22	6.30	-11.80	21.65	3990.28	-9778.24	-238.31	-5549.65	-6351.41
		503	4.48	20.77	-26.27	6.44	-11.94	21.65	4730.32	-1.061e+04	-108.10	-5772.18	-7128.50

		480	4.50	23.85	-21.38	7.77	-5.30	21.65	1.054e+04	-4610.30	1859.68	4066.73	-7492.68
451	5	481	2.71	15.76	-14.39	5.04	-3.67	14.43	6406.09	-2640.25	1110.90	2654.94	-4456.80
		504	2.69	13.81	-17.48	4.20	-7.87	14.43	2729.31	-6420.32	-131.91	-3559.11	-4241.76
		503	2.98	13.84	-17.52	4.29	-7.96	14.43	3218.14	-6980.18	-53.00	-3709.03	-4760.23
		480	3.00	15.90	-14.25	5.18	-3.53	14.43	7104.84	-2995.75	1258.85	2850.24	-4987.22
451	8	481	0.63	3.15	-2.88	1.01	-0.73	2.89	1859.60	-102.09	383.19	1374.32	-846.44
		504	0.52	2.76	-3.50	0.84	-1.57	2.89	1026.34	-760.19	134.63	131.52	-893.27
		503	0.58	2.77	-3.50	0.86	-1.59	2.89	1097.01	-901.93	103.03	92.05	-999.46
		480	0.68	3.18	-2.85	1.04	-0.71	2.89	1967.33	-198.02	365.40	1403.91	-950.03
451	11	481	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		504	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		503	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		480	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	59.25
452	1	482	2.77	18.63	-16.06	6.61	-4.04	16.50	4900.63	-1967.84	882.50	2050.29	-3384.23
		505	2.88	16.23	-19.96	5.56	-9.29	16.50	1544.66	-5703.31	-299.40	-3859.25	-3156.76
		504	3.20	16.28	-20.01	5.67	-9.40	16.50	1981.05	-6189.91	-216.83	-3992.03	-3623.28
		481	3.11	18.79	-15.89	6.78	-3.88	16.50	5537.04	-2281.23	1027.28	2228.54	-3862.72
452	5	482	1.85	12.42	-10.70	4.41	-2.70	11.00	3321.83	-1260.26	608.85	1452.72	-2251.85
		505	1.91	10.82	-13.31	3.71	-6.19	11.00	1070.85	-3736.92	-179.09	-2486.97	-2108.81
		504	2.12	10.85	-13.34	3.78	-6.27	11.00	1359.63	-4064.32	-128.35	-2576.35	-2420.05
		481	2.08	12.53	-10.59	4.52	-2.58	11.00	3743.01	-1471.25	701.06	1570.69	-2570.62
452	8	482	0.45	2.48	-2.14	0.88	-0.54	2.20	1033.74	16.03	244.36	805.41	-424.55
		505	0.35	2.16	-2.66	0.74	-1.24	2.20	501.04	-396.80	86.77	17.47	-447.58
		504	0.40	2.17	-2.67	0.76	-1.25	2.20	545.40	-479.85	71.12	-5.57	-511.19
		481	0.49	2.51	-2.12	0.90	-0.52	2.20	1098.93	-38.10	237.00	823.84	-486.94
452	11	482	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		505	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		504	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		481	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
453	1	483	1.79	14.26	-11.41	5.67	-2.82	12.11	2276.98	-840.37	430.93	1005.67	-1531.95
		506	2.00	12.38	-14.60	4.82	-7.04	12.11	419.03	-3121.65	-258.94	-2443.68	-1393.14
		505	2.23	12.41	-14.63	4.91	-7.13	12.11	650.92	-3377.95	-210.29	-2516.74	-1651.67
		482	2.05	14.39	-11.28	5.80	-2.69	12.11	2631.14	-1011.98	514.08	1105.09	-1797.43
453	5	483	1.20	9.51	-7.60	3.78	-1.88	8.07	1549.25	-531.10	300.75	717.39	-1019.10
		506	1.32	8.25	-9.73	3.22	-4.70	8.07	301.05	-2042.39	-159.16	-1582.18	-930.96
		505	1.48	8.28	-9.76	3.27	-4.75	8.07	454.82	-2214.94	-128.82	-1631.30	-1103.43
		482	1.37	9.59	-7.52	3.86	-1.79	8.07	1783.74	-646.40	354.09	783.25	-1195.97
453	8	483	0.31	1.90	-1.52	0.76	-0.38	1.61	520.62	45.07	140.66	425.03	-190.59
		506	0.22	1.65	-1.95	0.64	-0.94	1.61	210.65	-196.86	48.68	-34.89	-199.43
		505	0.26	1.66	-1.95	0.65	-0.95	1.61	236.28	-241.32	42.18	-47.22	-234.58
		482	0.33	1.92	-1.50	0.77	-0.36	1.61	557.04	17.41	138.77	435.69	-225.30
453	11	483	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		506	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
		505	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		482	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
454	1	484	1.05	10.30	-7.30	4.74	-1.74	8.18	890.02	-297.18	181.16	411.67	-582.30
		507	1.30	8.92	-9.79	4.10	-4.96	8.18	29.72	-1504.55	-163.45	-1311.38	-508.98
		506	1.45	8.95	-9.82	4.16	-5.02	8.18	131.73	-1616.01	-138.50	-1345.78	-631.88
		483	1.23	10.40	-7.21	4.83	-1.64	8.18	1059.44	-377.59	222.52	459.33	-708.69
454	5	484	0.70	6.87	-4.86	3.16	-1.16	5.46	607.96	-184.51	128.06	295.39	-387.30
		507	0.86	5.95	-6.52	2.73	-3.31	5.46	29.44	-984.44	-101.68	-853.31	-340.22
		506	0.96	5.97	-6.54	2.77	-3.35	5.46	97.21	-1059.49	-85.87	-876.41	-422.20
		483	0.82	6.93	-4.80	3.22	-1.10	5.46	720.22	-238.41	154.81	327.00	-471.52
454	8	484	0.19	1.37	-0.97	0.63	-0.23	1.09	219.30	34.58	69.17	184.71	-72.06
		507	0.13	1.19	-1.30	0.55	-0.66	1.09	70.08	-91.89	23.22	-45.03	-73.45
		506	0.16	1.19	-1.31	0.55	-0.67	1.09	82.48	-111.61	21.50	-50.62	-90.10
		483	0.21	1.39	-0.96	0.64	-0.22	1.09	237.00	22.69	69.63	190.06	-88.64
454	11	484	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		507	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		506	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		483	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
455	1	485	0.55	6.73	-3.69	3.83	-0.78	4.67	273.32	-85.95	61.90	125.47	-176.80
		508	0.75	5.83	-5.51	3.38	-3.05	4.67	-26.00	-571.16	-68.85	-528.30	-146.71
		507	0.82	5.86	-5.53	3.42	-3.09	4.67	7.81	-607.21	-58.84	-540.57	-191.17
		484	0.65	6.79	-3.62	3.89	-0.72	4.67	335.38	-114.60	77.86	142.93	-222.63
455	5	485	0.37	4.49	-2.46	2.55	-0.52	3.11	187.05	-52.65	44.29	90.11	-117.64
		508	0.49	3.89	-3.67	2.25	-2.03	3.11	-13.92	-374.70	-42.88	-345.74	-98.03
		507	0.54	3.90	-3.69	2.28	-2.06	3.11	8.57	-398.92	-36.40	-353.95	-127.68
		484	0.44	4.53	-2.42	2.59	-0.48	3.11	228.25	-71.81	54.73	101.71	-148.18
455	8	485	0.09	0.90	-0.49	0.51	-0.10	0.62	68.61	15.14	26.93	56.83	-22.16
		508	0.07	0.78	-0.73	0.45	-0.41	0.62	18.50	-39.35	9.49	-30.34	-20.97
		507	0.09	0.78	-0.74	0.46	-0.41	0.62	22.82	-45.43	9.61	-32.22	-26.96
		484	0.11	0.91	-0.48	0.52	-0.10	0.62	75.58	11.17	27.84	58.91	-28.21
455	11	485	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		508	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		507	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		484	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78

456	1	43	0.22	3.56	-0.57	2.93	0.06	1.49	57.66	-18.80	16.52	22.34	-38.12
		44	0.33	3.16	-1.79	2.66	-1.29	1.49	-2.43	-123.36	-10.92	-114.87	-30.90
		508	0.34	3.18	-1.80	2.69	-1.31	1.49	4.48	-130.28	-8.54	-117.26	-39.81
		485	0.26	3.60	-0.53	2.97	0.10	1.49	70.44	-24.42	20.09	25.92	-47.34
456	5	43	0.15	2.38	-0.38	1.96	0.04	0.99	39.34	-11.63	11.90	15.81	-25.41
		44	0.22	2.11	-1.19	1.78	-0.86	0.99	-0.73	-81.33	-6.40	-75.67	-20.60
		508	0.23	2.12	-1.20	1.79	-0.87	0.99	3.87	-85.94	-4.81	-77.26	-26.54
		485	0.17	2.40	-0.36	1.98	0.07	0.99	47.86	-15.38	14.28	18.20	-31.56
456	8	43	0.03	0.48	-0.08	0.39	8.45e-03	0.20	13.26	3.07	7.66	8.67	-5.07
		44	0.04	0.42	-0.24	0.36	-0.17	0.20	5.16	-10.78	4.00	-9.62	-4.14
		508	0.04	0.42	-0.24	0.36	-0.17	0.20	6.07	-11.71	4.31	-9.95	-5.32
		485	0.04	0.48	-0.07	0.40	0.01	0.20	14.95	2.32	8.12	9.15	-6.30
456	11	43	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		44	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		508	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		485	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
457	1	1	7.05	6.48	-9.18e-03	3.71	2.76	3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	1.017e+05
		488	7.05	6.48	-9.18e-03	3.71	2.76	3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	1.017e+05
		511	7.05	6.48	-9.18e-03	3.71	2.76	3.21	1.418e+05	-7.101e+04	6.664e+04	4198.02	1.017e+05
457	5	1	4.67	4.32	-6.12e-03	2.47	1.84	2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	6.783e+04
		488	4.67	4.32	-6.12e-03	2.47	1.84	2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	6.783e+04
		511	4.67	4.32	-6.12e-03	2.47	1.84	2.14	9.009e+04	-5.181e+04	3.995e+04	-1676.29	6.783e+04
457	8	1	1.26	0.86	-1.22e-03	0.49	0.37	0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	1.357e+04
		488	1.26	0.86	-1.22e-03	0.49	0.37	0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	1.357e+04
		511	1.26	0.86	-1.22e-03	0.49	0.37	0.43	-8833.63	-3.721e+04	-1.886e+04	-2.719e+04	1.357e+04
457	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		488	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
		511	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	8.12e-05
458	1	489	12.39	11.30	3.67	6.65	8.32	-3.72	3.259e+05	-7451.04	1.128e+05	2.056e+05	-1.601e+05
		512	13.95	12.81	4.65	7.07	10.39	-3.72	3.762e+05	1.027e+04	1.242e+05	2.623e+05	-1.694e+05
		511	11.44	12.46	2.78	4.52	10.71	-3.72	3.114e+05	1.474e+04	5.496e+04	2.712e+05	-1.016e+05
		488	7.96	9.38	1.30	3.77	6.92	-3.72	2.082e+05	-6788.02	3.417e+04	1.672e+05	-8.443e+04
458	5	489	8.18	7.53	2.45	4.43	5.55	-2.48	2.127e+05	-9524.51	7.067e+04	1.325e+05	-1.067e+05
		512	9.21	8.54	3.10	4.71	6.93	-2.48	2.462e+05	2295.71	7.823e+04	1.703e+05	-1.130e+05
		511	7.53	8.31	1.85	3.02	7.14	-2.48	2.030e+05	5320.07	3.214e+04	1.762e+05	-6.770e+04
		488	5.23	6.26	0.87	2.51	4.61	-2.48	1.342e+05	-9042.48	1.828e+04	1.069e+05	-5.629e+04
458	8	489	1.47	1.51	0.49	0.89	1.11	-0.50	1.516e+04	-2.925e+04	-1.311e+04	-977.90	-2.136e+04
		512	1.59	1.71	0.62	0.94	1.39	-0.50	2.183e+04	-2.685e+04	-1.160e+04	6581.12	-2.258e+04
		511	1.30	1.66	0.37	0.60	1.43	-0.50	1.321e+04	-2.598e+04	-2.057e+04	7810.05	-1.351e+04
		488	1.08	1.25	0.17	0.50	0.92	-0.50	-477.36	-2.891e+04	-2.334e+04	-6048.16	-1.129e+04
458	11	489	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		512	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
		511	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		488	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
459	1	490	19.88	17.89	4.91	9.94	12.85	-6.32	5.336e+05	9290.86	1.986e+05	3.443e+05	-2.519e+05
		513	22.28	20.43	6.56	10.64	16.35	-6.32	6.105e+05	3.653e+04	2.160e+05	4.310e+05	-2.661e+05
		512	19.87	20.05	4.90	8.30	16.64	-6.32	5.504e+05	4.659e+04	1.585e+05	4.385e+05	-2.094e+05
		489	15.97	16.10	2.75	7.28	11.56	-6.32	4.316e+05	1.390e+04	1.332e+05	3.123e+05	-1.887e+05
459	5	490	13.16	11.92	3.27	6.63	8.57	-4.22	3.511e+05	1515.25	1.278e+05	2.248e+05	-1.679e+05
		513	14.76	13.62	4.37	7.09	10.90	-4.22	4.023e+05	1.969e+04	1.394e+05	2.826e+05	-1.774e+05
		512	13.14	13.36	3.26	5.53	11.09	-4.22	3.622e+05	2.646e+04	1.011e+05	2.876e+05	-1.396e+05
		489	10.55	10.73	1.83	4.86	7.71	-4.22	2.831e+05	4642.73	8.425e+04	2.034e+05	-1.258e+05
459	8	490	2.29	2.38	0.65	1.33	1.71	-0.84	4.204e+04	-2.777e+04	-2241.16	1.651e+04	-3.362e+04
		513	2.54	2.72	0.87	1.42	2.18	-0.84	5.218e+04	-2.403e+04	72.98	2.808e+04	-3.543e+04
		512	2.20	2.67	0.65	1.11	2.22	-0.84	4.423e+04	-2.230e+04	-7215.91	2.914e+04	-2.786e+04
		489	1.80	2.15	0.37	0.97	1.54	-0.84	2.857e+04	-2.683e+04	-1.058e+04	1.231e+04	-2.522e+04
459	11	490	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.16
		513	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.17
		512	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		489	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
460	1	491	26.85	24.25	6.41	13.25	17.41	-8.67	7.345e+05	4.187e+04	2.888e+05	4.875e+05	-3.318e+05
		514	30.58	27.99	8.79	14.27	22.50	-8.67	8.519e+05	8.259e+04	3.152e+05	6.193e+05	-3.533e+05
		513	28.07	27.60	7.13	11.93	22.80	-8.67	7.891e+05	9.326e+04	2.553e+05	6.271e+05	-2.941e+05
		490	22.76	22.46	4.25	10.59	16.12	-8.67	6.277e+05	4.712e+04	2.207e+05	4.541e+05	-2.658e+05
460	5	491	17.80	16.17	4.28	8.84	11.61	-5.78	4.848e+05	2.307e+04	1.878e+05	3.200e+05	-2.212e+05
		514	20.28	18.66	5.86	9.51	15.00	-5.78	5.630e+05	5.025e+04	2.054e+05	4.079e+05	-2.355e+05
		513	18.60	18.40	4.75	7.95	15.20	-5.78	5.212e+05	5.745e+04	1.655e+05	4.131e+05	-1.961e+05
		490	15.07	14.97	2.83	7.06	10.75	-5.78	4.136e+05	2.664e+04	1.425e+05	2.978e+05	-1.772e+05
460	8	491	3.11	3.23	0.86	1.77	2.32	-1.16	6.768e+04	-2.447e+04	9009.65	3.420e+04	-4.432e+04
		514	3.53	3.73	1.17	1.90	3.00	-1.16	8.310e+04	-1.881e+04	1.252e+04	5.177e+04	-4.702e+04
		513	3.18	3.68	0.95	1.59	3.04	-1.16	7.482e+04	-1.687e+04	5049.30	5.291e+04	-3.911e+04
		490	2.57	2.99	0.57	1.41	2.15	-1.16	5.362e+04	-2.333e+04	437.50	2.985e+04	-3.556e+04
460	11	491	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		514	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
		513	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.76
		490	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.75
461	1	486	33.51	30.58	7.99	16.59	21.98	-10.97	9.319e+05	8.629e+04	3.843e+05	6.338e+05	-4.040e+05

		509	38.88	35.55	11.10	17.94	28.72	-10.97	1.099e+06	1.429e+05	4.216e+05	8.201e+05-4.344e+05
		514	36.25	35.16	9.43	15.57	29.01	-10.97	1.032e+06	1.537e+05	3.572e+05	8.285e+05-3.706e+05
		491	29.13	28.77	5.81	13.91	20.68	-10.97	8.170e+05	9.197e+04	3.111e+05	5.979e+05-3.330e+05
461	5	486	22.23	20.39	5.33	11.06	14.66	-7.31	6.161e+05	5.247e+04	2.513e+05	4.173e+05-2.693e+05
		509	25.80	23.70	7.40	11.96	19.15	-7.31	7.273e+05	9.029e+04	2.761e+05	5.415e+05-2.896e+05
		514	24.04	23.44	6.29	10.38	19.34	-7.31	6.829e+05	9.756e+04	2.333e+05	5.471e+05-2.471e+05
		491	19.31	19.18	3.87	9.27	13.79	-7.31	5.396e+05	5.635e+04	2.026e+05	3.934e+05-2.220e+05
461	8	486	3.90	4.08	1.07	2.21	2.93	-1.46	9.254e+04	-1.987e+04	2.077e+04	5.191e+04-5.400e+04
		509	4.54	4.74	1.48	2.39	3.83	-1.46	1.144e+05	-1.192e+04	2.573e+04	7.674e+04-5.778e+04
		514	4.17	4.69	1.26	2.08	3.87	-1.46	1.056e+05	-9826.39	1.779e+04	7.799e+04-4.924e+04
		491	3.32	3.84	0.77	1.85	2.76	-1.46	7.743e+04	-1.855e+04	1.164e+04	4.724e+04-4.457e+04
461	11	486	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04 -169.34
		509	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04 169.34
		514	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04 209.66
		491	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04 -209.66
462	1	487	37.64	332.91	-615.01	-5.56	-276.55	454.18	9.805e+05	5.846e+04	4.118e+05	6.272e+05-4.482e+05
		510	40.89	413.62	-506.18	26.03	-118.60	454.18	1.092e+06	1.001e+05	4.372e+05	7.545e+05-4.697e+05
		509	39.48	395.23	-519.09	-9.76	-114.10	454.18	1.058e+06	1.079e+05	4.078e+05	7.581e+05-4.416e+05
		486	35.63	299.81	-642.36	-46.21	-296.34	454.18	9.275e+05	6.201e+04	3.784e+05	6.111e+05-4.168e+05
462	5	487	25.01	221.94	-410.01	-3.70	-184.36	302.78	6.491e+05	3.442e+04	2.698e+05	4.137e+05-2.988e+05
		510	27.17	275.74	-337.45	17.36	-79.07	302.78	7.233e+05	6.212e+04	2.868e+05	4.986e+05-3.132e+05
		509	26.23	263.49	-346.06	-6.51	-76.06	302.78	7.008e+05	6.726e+04	2.671e+05	5.010e+05-2.944e+05
		486	23.66	199.87	-428.24	-30.81	-197.56	302.78	6.138e+05	3.674e+04	2.475e+05	4.030e+05-2.779e+05
462	8	487	4.56	44.39	-82.00	-0.74	-36.87	60.56	1.027e+05	-2.047e+04	2.584e+04	5.634e+04-5.965e+04
		510	4.97	55.15	-67.49	3.47	-15.81	60.56	1.178e+05	-1.522e+04	2.924e+04	7.332e+04-6.275e+04
		509	4.78	52.70	-69.21	-1.30	-15.21	60.56	1.132e+05	-1.450e+04	2.498e+04	7.372e+04-5.902e+04
		486	4.29	39.97	-85.65	-6.16	-39.51	60.56	9.545e+04	-2.026e+04	2.106e+04	5.413e+04-5.544e+04
462	11	487	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04 141.54
		510	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04 -141.54
		509	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04 -163.31
		486	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04 163.31
463	1	492	43.13	243.31	-450.98	18.92	-226.59	324.71	8.218e+05	-4.816e+04	2.935e+05	4.801e+05-4.248e+05
		515	43.73	282.70	-391.02	35.48	-143.80	324.71	8.397e+05	-4.149e+04	2.976e+05	5.006e+05-4.287e+05
		510	43.37	270.95	-397.04	15.15	-141.24	324.71	8.330e+05	-4.017e+04	2.917e+05	5.011e+05-4.239e+05
		487	42.67	224.10	-466.09	-4.17	-237.83	324.71	8.121e+05	-4.789e+04	2.870e+05	4.772e+05-4.193e+05
463	5	492	28.69	162.21	-300.65	12.61	-151.06	216.48	5.451e+05	-3.493e+04	1.926e+05	3.175e+05-2.832e+05
		515	29.10	188.47	-260.68	23.65	-95.87	216.48	5.571e+05	-3.053e+04	1.954e+05	3.311e+05-2.858e+05
		510	28.86	180.64	-264.69	10.10	-94.16	216.48	5.526e+05	-2.971e+04	1.914e+05	3.314e+05-2.826e+05
		487	28.38	149.40	-310.73	-2.78	-158.55	216.48	5.385e+05	-3.480e+04	1.882e+05	3.155e+05-2.795e+05
463	8	492	5.43	32.44	-60.13	2.52	-30.21	43.30	9.230e+04	-2.392e+04	2.056e+04	4.782e+04-5.649e+04
		515	5.54	37.69	-52.14	4.73	-19.17	43.30	9.501e+04	-2.335e+04	2.111e+04	5.055e+04-5.732e+04
		510	5.49	36.13	-52.94	2.02	-18.83	43.30	9.391e+04	-2.356e+04	1.984e+04	5.051e+04-5.670e+04
		487	5.37	29.88	-62.15	-0.56	-31.71	43.30	9.074e+04	-2.421e+04	1.920e+04	4.732e+04-5.573e+04
463	11	492	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04 188.78
		515	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04 -188.78
		510	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04 -220.25
		487	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04 220.25
464	1	493	39.45	181.95	-333.97	32.26	-184.28	234.14	6.633e+05	-7.332e+04	2.334e+05	3.566e+05-3.631e+05
		516	38.29	199.14	-304.51	40.03	-145.41	234.14	6.336e+05	-8.869e+04	2.259e+05	3.190e+05-3.581e+05
		515	38.97	193.91	-306.43	31.85	-144.38	234.14	6.433e+05	-9.351e+04	2.321e+05	3.177e+05-3.659e+05
		492	40.28	174.05	-339.89	22.97	-188.80	234.14	6.771e+05	-7.577e+04	2.407e+05	3.606e+05-3.716e+05
464	5	493	26.27	121.30	-222.65	21.51	-122.85	156.09	4.405e+05	-5.062e+04	1.534e+05	2.365e+05-2.420e+05
		516	25.50	132.76	-203.01	26.69	-96.94	156.09	4.208e+05	-6.097e+04	1.484e+05	2.114e+05-2.388e+05
		515	25.96	129.27	-204.29	21.23	-96.25	156.09	4.272e+05	-6.430e+04	1.524e+05	2.105e+05-2.440e+05
		492	26.82	116.03	-226.59	15.31	-125.87	156.09	4.496e+05	-5.235e+04	1.581e+05	2.391e+05-2.477e+05
464	8	493	5.07	24.26	-44.53	4.30	-24.57	31.22	7.796e+04	-2.065e+04	1.749e+04	3.982e+04-4.803e+04
		516	4.99	26.55	-40.60	5.34	-19.39	31.22	7.465e+04	-2.335e+04	1.649e+04	3.481e+04-4.814e+04
		515	5.08	25.85	-40.86	4.25	-19.25	31.22	7.541e+04	-2.472e+04	1.627e+04	3.442e+04-4.923e+04
		492	5.17	23.21	-45.32	3.06	-25.17	31.22	7.919e+04	-2.163e+04	1.741e+04	4.015e+04-4.911e+04
464	11	493	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-1.648e+04	-9327.51 470.69
		516	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50 -470.70
		515	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88 -537.94
		492	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.89 537.93
465	1	494	34.83	143.34	-256.59	38.06	-151.31	176.13	5.167e+05	-7.507e+04	1.806e+05	2.610e+05-2.931e+05
		517	32.97	149.90	-244.20	41.22	-135.52	176.13	4.708e+05	-9.992e+04	1.688e+05	2.021e+05-2.849e+05
		516	34.07	147.90	-244.75	38.31	-135.15	176.13	4.849e+05	-1.067e+05	1.779e+05	2.003e+05-2.955e+05
		493	36.11	140.48	-258.65	34.76	-152.92	176.13	5.361e+05	-7.827e+04	1.911e+05	2.667e+05-3.048e+05
465	5	494	23.20	95.56	-171.06	25.37	-100.88	117.42	3.435e+05	-5.103e+04	1.188e+05	1.736e+05-1.953e+05
		517	21.97	99.93	-162.80	27.48	-90.35	117.42	3.130e+05	-6.770e+04	1.110e+05	1.343e+05-1.900e+05
		516	22.70	98.60	-163.16	25.54	-90.10	117.42	3.223e+05	-7.230e+04	1.168e+05	1.331e+05-1.971e+05
		493	24.05	93.66	-172.43	23.17	-101.95	117.42	3.563e+05	-5.326e+04	1.257e+05	1.773e+05-2.031e+05
465	8	494	4.54	19.11	-34.21	5.07	-20.18	23.48	6.301e+04	-1.627e+04	1.439e+04	3.234e+04-3.861e+04
		517	4.37	19.99	-32.56	5.50	-18.07	23.48	5.755e+04	-2.025e+04	1.282e+04	2.448e+04-3.846e+04
		516	4.51	19.72	-32.63	5.11	-18.02	23.48	5.879e+04	-2.186e+04	1.290e+04	2.402e+04-3.994e+04
		493	4.69	18.73	-34.49	4.63	-20.39	23.48	6.490e+04	-1.736e+04	1.467e+04	3.287e+04-4.011e+04
465	11	494	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35 575.48
		517	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.34 -575.48

		516	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.54	-647.42
		493	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-1.307e+04	-3237.55	647.41
466	1	495	30.32	117.24	-203.14	39.87	-125.77	137.12	3.948e+05	-6.897e+04	1.366e+05	1.893e+05	-2.304e+05
		518	28.23	118.58	-200.40	40.55	-122.37	137.12	3.461e+05	-9.660e+04	1.238e+05	1.257e+05	-2.214e+05
		517	29.44	118.18	-200.48	39.99	-122.30	137.12	3.600e+05	-1.033e+05	1.326e+05	1.241e+05	-2.316e+05
		494	31.70	116.69	-203.53	39.23	-126.08	137.12	4.136e+05	-7.205e+04	1.468e+05	1.948e+05	-2.416e+05
466	5	495	20.20	78.16	-135.43	26.58	-83.85	91.41	2.627e+05	-4.645e+04	8.997e+04	1.263e+05	-1.535e+05
		518	18.82	79.05	-133.60	27.03	-81.58	91.41	2.304e+05	-6.496e+04	8.149e+04	8.391e+04	-1.477e+05
		517	19.63	78.78	-133.66	26.66	-81.53	91.41	2.395e+05	-6.951e+04	8.720e+04	8.279e+04	-1.545e+05
		494	21.12	77.79	-135.68	26.16	-84.05	91.41	2.751e+05	-4.859e+04	9.663e+04	1.299e+05	-1.610e+05
466	8	495	3.99	15.63	-27.09	5.32	-16.77	18.28	4.982e+04	-1.233e+04	1.159e+04	2.590e+04	-3.024e+04
		518	3.79	15.81	-26.72	5.41	-16.32	18.28	4.389e+04	-1.657e+04	9892.76	1.742e+04	-2.999e+04
		517	3.95	15.76	-26.73	5.33	-16.31	18.28	4.513e+04	-1.807e+04	1.006e+04	1.700e+04	-3.141e+04
		494	4.16	15.56	-27.14	5.23	-16.81	18.28	5.169e+04	-1.332e+04	1.194e+04	2.642e+04	-3.169e+04
466	11	495	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93
		518	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	-7997.92	812.14	-579.93
		517	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	-9221.55	567.42	-644.37
		494	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.55	567.43	644.37
467	1	496	26.00	98.13	-163.71	39.60	-105.18	109.09	2.951e+05	-5.961e+04	1.010e+05	1.344e+05	-1.765e+05
		519	23.90	96.88	-166.45	38.93	-108.51	109.09	2.495e+05	-8.668e+04	8.892e+04	7.388e+04	-1.679e+05
		518	25.11	97.25	-166.39	39.42	-108.57	109.09	2.616e+05	-9.258e+04	9.651e+04	7.249e+04	-1.767e+05
		495	27.34	98.63	-163.37	40.16	-104.90	109.09	3.112e+05	-6.229e+04	1.098e+05	1.391e+05	-1.862e+05
467	5	496	17.32	65.42	-109.14	26.40	-70.12	72.73	1.965e+05	-3.987e+04	6.666e+04	9.000e+04	-1.176e+05
		519	15.94	64.58	-110.97	25.96	-72.34	72.73	1.662e+05	-5.799e+04	5.858e+04	4.964e+04	-1.120e+05
		518	16.74	64.83	-110.93	26.28	-72.38	72.73	1.742e+05	-6.200e+04	6.351e+04	4.869e+04	-1.179e+05
		495	18.22	65.75	-108.92	26.77	-69.94	72.73	2.072e+05	-4.173e+04	7.239e+04	9.309e+04	-1.240e+05
467	8	496	3.46	13.08	-21.83	5.28	-14.02	14.55	3.850e+04	-9029.24	9146.76	2.032e+04	-2.310e+04
		519	3.25	12.92	-22.19	5.19	-14.47	14.55	3.284e+04	-1.306e+04	7532.27	1.225e+04	-2.283e+04
		518	3.40	12.97	-22.19	5.26	-14.48	14.55	3.393e+04	-1.433e+04	7704.53	1.190e+04	-2.404e+04
		495	3.62	13.15	-21.78	5.35	-13.99	14.55	4.011e+04	-9855.43	9480.46	2.078e+04	-2.434e+04
467	11	496	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		519	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		518	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	-6240.14	2708.75	-589.07
		495	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	-6240.14	2708.74	589.07
468	1	497	21.83	83.27	-132.92	38.27	-87.92	87.77	2.142e+05	-4.883e+04	7.318e+04	9.215e+04	-1.312e+05
		520	19.88	80.78	-138.65	36.90	-94.77	87.77	1.745e+05	-7.361e+04	6.243e+04	3.845e+04	-1.235e+05
		519	21.02	81.49	-138.56	37.82	-94.89	87.77	1.844e+05	-7.852e+04	6.858e+04	3.733e+04	-1.305e+05
		496	23.07	84.20	-132.30	39.32	-87.41	87.77	2.272e+05	-5.103e+04	8.029e+04	9.592e+04	-1.389e+05
468	5	497	14.55	55.51	-88.61	25.52	-58.61	58.51	1.428e+05	-3.249e+04	4.835e+04	6.195e+04	-8.737e+04
		520	13.26	53.85	-92.44	24.60	-63.18	58.51	1.164e+05	-4.905e+04	4.119e+04	2.615e+04	-8.238e+04
		519	14.01	54.33	-92.38	25.21	-63.26	58.51	1.229e+05	-5.238e+04	4.518e+04	2.538e+04	-8.710e+04
		496	15.38	56.14	-88.20	26.21	-58.27	58.51	1.514e+05	-3.401e+04	5.299e+04	6.444e+04	-9.255e+04
468	8	497	2.94	11.10	-17.72	5.10	-11.72	11.70	2.888e+04	-6335.20	7074.79	1.547e+04	-1.710e+04
		520	2.72	10.77	-18.49	4.92	-12.64	11.70	2.388e+04	-9924.94	5642.63	8311.62	-1.685e+04
		519	2.86	10.87	-18.48	5.04	-12.65	11.70	2.477e+04	-1.095e+04	5794.68	8029.56	-1.783e+04
		496	3.08	11.23	-17.64	5.24	-11.65	11.70	3.019e+04	-6992.50	7357.04	1.584e+04	-1.810e+04
468	11	497	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	467.43
		520	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
		519	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.92
		496	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
469	1	498	18.18	71.48	-109.08	36.25	-73.85	71.56	1.522e+05	-3.939e+04	5.160e+04	6.125e+04	-9.570e+04
		521	16.45	68.49	-116.30	34.55	-82.35	71.56	1.190e+05	-6.123e+04	4.242e+04	1.540e+04	-8.912e+04
		520	17.49	69.32	-116.21	35.59	-82.48	71.56	1.269e+05	-6.516e+04	4.725e+04	1.453e+04	-9.465e+04
		497	19.30	72.55	-108.38	37.43	-73.27	71.56	1.625e+05	-4.114e+04	5.718e+04	6.421e+04	-1.018e+05
469	5	498	12.12	47.65	-72.72	24.17	-49.23	47.70	1.016e+05	-2.608e+04	3.415e+04	4.138e+04	-6.375e+04
		521	10.97	45.66	-77.53	23.03	-54.90	47.70	7.951e+04	-4.066e+04	2.804e+04	1.081e+04	-5.946e+04
		520	11.66	46.21	-77.48	23.73	-54.99	47.70	8.471e+04	-4.333e+04	3.117e+04	1.022e+04	-6.316e+04
		497	12.87	48.37	-72.26	24.96	-48.85	47.70	1.084e+05	-2.729e+04	3.780e+04	4.334e+04	-6.780e+04
469	8	498	2.47	9.53	-14.54	4.83	-9.85	9.54	2.127e+04	-4359.99	5358.97	1.155e+04	-1.244e+04
		521	2.26	9.13	-15.51	4.61	-10.98	9.54	1.701e+04	-7434.81	4136.12	5440.09	-1.221e+04
		520	2.38	9.24	-15.50	4.75	-11.00	9.54	1.772e+04	-8233.69	4268.07	5221.91	-1.297e+04
		497	2.60	9.67	-14.45	4.99	-9.77	9.54	2.230e+04	-4865.74	5592.83	1.185e+04	-1.322e+04
469	11	498	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.94
		521	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
		520	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.51
		497	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	423.52
470	1	499	14.91	61.70	-89.77	33.88	-61.95	58.64	1.050e+05	-3.106e+04	3.528e+04	3.871e+04	-6.803e+04
		522	13.45	58.60	-97.55	32.07	-71.02	58.64	7.824e+04	-4.976e+04	2.769e+04	789.83	-6.257e+04
		521	14.39	59.43	-97.49	33.10	-71.15	58.64	8.435e+04	-5.283e+04	3.139e+04	129.25	-6.679e+04
		498	15.92	62.75	-89.09	35.05	-61.39	58.64	1.129e+05	-3.241e+04	3.956e+04	4.096e+04	-7.267e+04
470	5	499	9.94	41.13	-59.84	22.59	-41.30	39.10	7.020e+04	-2.047e+04	2.340e+04	2.632e+04	-4.531e+04
		522	8.97	39.07	-65.03	21.38	-47.35	39.10	5.233e+04	-3.295e+04	1.834e+04	1045.44	-4.175e+04
		521	9.59	39.62	-64.99	22.06	-47.43	39.10	5.637e+04	-3.503e+04	2.075e+04	592.77	-4.457e+04
		498	10.61	41.84	-59.39	23.37	-40.92	39.10	7.541e+04	-2.141e+04	2.619e+04	2.782e+04	-4.840e+04
470	8	499	2.05	8.23	-11.97	4.52	-8.26	7.82	1.525e+04	-2916.36	3958.94	8373.18	-8810.16
		522	1.84	7.81	-13.01	4.28	-9.47	7.82	1.174e+04	-5472.23	2947.79	3317.41	-8602.85
		521	1.96	7.92	-13.00	4.41	-9.49	7.82	1.229e+04	-6079.02	3060.31	3153.24	-9185.68

		498	2.16	8.37	-11.88	4.67	-8.18	7.82	1.604e+04	-3294.71	4149.24	8597.92	-9408.94
470	11	499	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	315.18
		522	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	-315.18
		521	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		498	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.42
471	1	500	11.93	53.29	-73.42	31.40	-51.53	47.91	6.949e+04	-2.359e+04	2.332e+04	2.258e+04	-4.654e+04
		523	10.79	50.32	-81.18	29.61	-60.47	47.91	4.879e+04	-3.915e+04	1.728e+04	-7640.33	-4.217e+04
		522	11.62	51.10	-81.14	30.55	-60.59	47.91	5.338e+04	-4.148e+04	2.003e+04	-8126.58	-4.529e+04
		499	12.81	54.27	-72.81	32.47	-51.01	47.91	7.536e+04	-2.461e+04	2.650e+04	2.425e+04	-4.998e+04
471	5	500	7.96	35.53	-48.95	20.93	-34.35	31.94	4.650e+04	-1.549e+04	1.550e+04	1.550e+04	-3.100e+04
		523	7.19	33.55	-54.12	19.74	-40.31	31.94	3.269e+04	-2.586e+04	1.148e+04	-4642.48	-2.815e+04
		522	7.74	34.07	-54.09	20.37	-40.39	31.94	3.572e+04	-2.743e+04	1.326e+04	-4975.47	-3.023e+04
		499	8.54	36.18	-48.54	21.64	-34.00	31.94	5.038e+04	-1.619e+04	1.758e+04	1.661e+04	-3.328e+04
471	8	500	1.65	7.11	-9.79	4.19	-6.87	6.39	1.051e+04	-1862.64	2839.66	5803.22	-6003.93
		523	1.47	6.71	-10.82	3.95	-8.06	6.39	7729.79	-3921.66	2033.87	1774.26	-5824.28
		522	1.57	6.81	-10.82	4.07	-8.08	6.39	8150.33	-4368.67	2126.92	1654.74	-6255.05
		499	1.75	7.24	-9.71	4.33	-6.80	6.39	1.110e+04	-2136.72	2990.27	5971.48	-6447.53
471	11	500	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		523	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		522	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		499	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
472	1	501	9.44	46.09	-60.09	28.77	-42.78	39.22	4.432e+04	-1.777e+04	1.470e+04	1.185e+04	-3.101e+04
		524	8.64	43.35	-67.48	27.09	-51.21	39.22	2.880e+04	-3.048e+04	9990.56	-1.167e+04	-2.759e+04
		523	9.36	44.05	-67.45	27.91	-51.32	39.22	3.217e+04	-3.219e+04	1.200e+04	-1.202e+04	-2.986e+04
		500	10.20	46.95	-59.55	29.71	-42.32	39.22	4.861e+04	-1.852e+04	1.702e+04	1.307e+04	-3.351e+04
472	5	501	6.29	30.72	-40.06	19.18	-28.52	26.15	2.970e+04	-1.163e+04	9798.61	8274.65	-2.065e+04
		524	5.75	28.90	-44.99	18.06	-34.14	26.15	1.934e+04	-2.009e+04	6662.12	-7407.79	-1.842e+04
		523	6.23	29.36	-44.97	18.61	-34.21	26.15	2.157e+04	-2.124e+04	7971.07	-7647.84	-1.993e+04
		500	6.80	31.30	-39.70	19.81	-28.21	26.15	3.254e+04	-1.214e+04	1.132e+04	9080.10	-2.231e+04
472	8	501	1.31	6.14	-8.01	3.84	-5.70	5.23	7021.22	-1172.77	1967.99	3880.46	-3983.84
		524	1.15	5.78	-9.00	3.61	-6.83	5.23	4883.07	-2798.40	1340.70	743.97	-3829.13
		523	1.24	5.87	-8.99	3.72	-6.84	5.23	5197.32	-3120.60	1417.72	659.01	-4141.62
		500	1.40	6.26	-7.94	3.96	-5.64	5.23	7457.82	-1366.39	2086.83	4004.60	-4306.65
472	11	501	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		524	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		523	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	-194.64
		500	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	194.64
473	1	502	7.23	39.67	-48.45	26.17	-34.95	31.74	2.658e+04	-1.282e+04	8782.12	4971.24	-1.961e+04
		525	6.81	37.24	-55.23	24.63	-42.62	31.74	1.559e+04	-2.288e+04	5275.32	-1.256e+04	-1.704e+04
		524	7.41	37.84	-55.22	25.34	-42.71	31.74	1.796e+04	-2.408e+04	6689.55	-1.281e+04	-1.862e+04
		501	7.88	40.40	-48.00	26.97	-34.56	31.74	2.960e+04	-1.336e+04	1.042e+04	5823.94	-2.135e+04
473	5	502	4.82	26.44	-32.30	17.45	-23.30	21.16	1.784e+04	-8365.94	5876.95	3598.99	-1.305e+04
		525	4.53	24.83	-36.82	16.42	-28.42	21.16	1.050e+04	-1.505e+04	3539.08	-8090.37	-1.138e+04
		524	4.93	25.23	-36.81	16.89	-28.48	21.16	1.207e+04	-1.586e+04	4461.38	-8256.59	-1.243e+04
		501	5.25	26.94	-32.00	17.98	-23.04	21.16	1.984e+04	-8730.13	6945.37	4163.35	-1.422e+04
473	8	502	1.01	5.29	-6.46	3.49	-4.66	4.23	4435.92	-701.93	1306.99	2427.00	-2507.15
		525	0.87	4.97	-7.36	3.28	-5.68	4.23	2872.78	-1944.23	839.42	89.13	-2379.11
		524	0.95	5.05	-7.36	3.38	-5.70	4.23	3099.25	-2167.20	900.78	31.27	-2597.08
		501	1.09	5.39	-6.40	3.60	-4.61	4.23	4746.09	-833.25	1397.58	2515.25	-2733.12
473	11	502	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		525	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		524	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		501	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	12.63	2105.44	137.76
474	1	503	5.44	33.98	-38.77	23.52	-28.31	25.53	1.495e+04	-9087.08	4838.11	1023.39	-1.187e+04
		526	5.40	31.89	-44.83	22.16	-35.10	25.53	7527.02	-1.685e+04	2307.91	-1.163e+04	-9998.50
		525	5.89	32.40	-44.82	22.75	-35.18	25.53	9136.28	-1.765e+04	3276.24	-1.179e+04	-1.107e+04
		502	5.98	34.60	-38.40	24.19	-27.98	25.53	1.701e+04	-9451.38	5955.27	1604.03	-1.305e+04
474	5	503	3.62	22.66	-25.85	15.68	-18.87	17.02	1.006e+04	-5914.59	3254.32	889.66	-7898.59
		526	3.58	21.26	-29.89	14.77	-23.40	17.02	5095.18	-1.107e+04	1567.52	-7544.34	-6677.42
		525	3.91	21.60	-29.88	15.17	-23.45	17.02	6158.68	-1.161e+04	2199.95	-7655.99	-7395.17
		502	3.98	23.07	-25.60	16.13	-18.65	17.02	1.142e+04	-6163.30	3985.97	1274.13	-8688.18
474	8	503	0.76	4.53	-5.17	3.14	-3.77	3.40	2660.78	-416.33	823.22	1421.22	-1509.22
		526	0.65	4.25	-5.98	2.95	-4.68	3.40	1565.46	-1345.17	485.86	-265.58	-1405.98
		525	0.72	4.32	-5.98	3.03	-4.69	3.40	1724.06	-1494.12	533.60	-303.66	-1553.68
		502	0.82	4.61	-5.12	3.23	-3.73	3.40	2875.68	-502.51	890.80	1482.37	-1662.99
474	11	503	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		526	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
		525	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		502	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
475	1	504	3.97	28.83	-30.39	20.90	-22.45	20.17	7656.86	-6195.49	2383.97	-922.60	-6725.96
		527	4.35	27.07	-35.66	19.72	-28.32	20.17	2989.55	-1.195e+04	646.79	-9608.46	-5432.68
		526	4.71	27.49	-35.66	20.20	-28.38	20.17	4017.29	-1.245e+04	1280.72	-9713.30	-6129.82
		503	4.41	29.34	-30.08	21.44	-22.19	20.17	8999.79	-6430.29	3114.40	-544.90	-7494.95
475	5	504	2.64	19.22	-20.26	13.93	-14.97	13.45	5167.85	-4025.99	1616.27	-474.41	-4476.49
		527	2.87	18.05	-23.78	13.15	-18.88	13.45	2043.48	-7850.30	458.16	-6264.98	-3629.27
		526	3.11	18.33	-23.77	13.47	-18.92	13.45	2723.31	-8186.88	872.88	-6336.45	-4094.44
		503	2.93	19.56	-20.06	14.29	-14.79	13.45	6057.34	-4186.19	2095.33	-224.18	-4988.73

475	8	504	0.54	3.84	-4.05	2.79	-2.99	2.69	1476.94	-244.22	484.27	748.45	-850.38
		527	0.47	3.61	-4.76	2.63	-3.78	2.69	760.39	-917.40	252.64	-409.66	-770.77
		526	0.53	3.67	-4.75	2.69	-3.78	2.69	865.82	-1011.05	288.21	-433.43	-866.30
		503	0.60	3.91	-4.01	2.86	-2.96	2.69	1619.80	-298.08	532.70	789.02	-950.34
475	11	504	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13
		527	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		526	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	142.99	1043.13	-59.25
		503	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
476	1	505	2.78	24.08	-22.84	18.33	-17.10	15.38	3432.31	-3940.23	1012.33	-1520.25	-3461.95
		528	3.55	22.65	-27.29	17.36	-21.99	15.38	797.21	-7913.31	-89.03	-7027.07	-2633.28
		527	3.80	22.99	-27.29	17.74	-22.04	15.38	1393.95	-8187.03	296.08	-7089.16	-3051.78
		504	3.11	24.48	-22.61	18.77	-16.89	15.38	4239.09	-4076.19	1455.41	-1292.51	-3924.06
476	5	505	1.84	16.05	-15.23	12.22	-11.40	10.25	2326.30	-2558.54	695.40	-927.64	-2303.66
		528	2.34	15.10	-18.19	11.57	-14.66	10.25	561.32	-5199.02	-38.85	-4598.85	-1759.83
		527	2.51	15.33	-18.19	11.82	-14.69	10.25	956.38	-5383.89	213.60	-4641.10	-2039.05
		504	2.07	16.32	-15.07	12.51	-11.26	10.25	2861.20	-2651.39	986.49	-776.67	-2611.51
476	8	505	0.37	3.21	-3.05	2.44	-2.28	2.05	731.73	-140.72	261.67	329.34	-434.91
		528	0.34	3.02	-3.64	2.31	-2.93	2.05	313.49	-603.57	114.82	-404.91	-377.79
		527	0.38	3.07	-3.64	2.36	-2.94	2.05	377.28	-656.29	139.50	-418.52	-434.99
		504	0.41	3.26	-3.01	2.50	-2.25	2.05	820.26	-171.81	294.08	354.37	-495.12
476	11	505	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		528	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		527	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		504	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
477	1	506	1.89	19.73	-16.44	15.78	-12.48	11.29	1283.93	-2354.64	316.09	-1386.80	-1607.74
		529	2.89	18.62	-20.06	14.99	-16.42	11.29	-52.00	-4875.86	-326.77	-4601.09	-1118.01
		528	3.05	18.88	-20.06	15.28	-16.46	11.29	261.79	-5007.09	-110.35	-4634.95	-1349.91
		505	2.13	20.04	-16.26	16.11	-12.32	11.29	1727.75	-2423.05	564.65	-1259.95	-1864.13
477	5	506	1.25	13.15	-10.96	10.52	-8.32	7.52	876.45	-1529.85	224.19	-877.59	-1069.62
		529	1.91	12.42	-13.37	9.99	-10.95	7.52	-18.24	-3206.58	-204.38	-3020.45	-747.54
		528	2.01	12.59	-13.38	10.19	-10.97	7.52	189.60	-3295.24	-62.19	-3043.44	-902.26
		505	1.41	13.36	-10.84	10.74	-8.22	7.52	1171.06	-1576.69	387.81	-793.44	-1240.44
477	8	506	0.23	2.63	-2.19	2.10	-1.66	1.50	316.61	-85.23	125.35	106.03	-200.69
		529	0.26	2.48	-2.67	2.00	-2.19	1.50	102.02	-384.92	39.64	-322.54	-162.74
		528	0.29	2.52	-2.68	2.04	-2.19	1.50	136.53	-410.67	55.51	-329.65	-194.35
		505	0.27	2.67	-2.17	2.15	-1.64	1.50	367.46	-101.60	145.51	120.35	-234.19
477	11	506	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	16.53
		529	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
		528	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		505	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
478	1	507	1.22	15.68	-10.74	13.26	-8.32	7.63	362.02	-1225.32	47.43	-910.72	-632.77
		530	2.21	14.88	-13.54	12.66	-11.32	7.63	-209.72	-2580.31	-273.70	-2516.34	-384.15
		529	2.30	15.07	-13.55	12.87	-11.35	7.63	-69.68	-2631.34	-168.94	-2532.08	-494.38
		506	1.37	15.91	-10.61	13.50	-8.20	7.63	569.01	-1251.54	167.48	-850.01	-754.84
478	5	507	0.80	10.46	-7.16	8.84	-5.54	5.08	250.64	-797.95	38.90	-586.21	-420.95
		530	1.46	9.92	-9.03	8.44	-7.55	5.08	-131.87	-1699.93	-175.18	-1656.62	-257.00
		529	1.52	10.05	-9.03	8.58	-7.57	5.08	-39.06	-1734.38	-106.16	-1667.28	-330.53
		506	0.91	10.61	-7.07	9.00	-5.47	5.08	388.21	-815.98	118.12	-545.90	-502.28
478	8	507	0.13	2.09	-1.43	1.77	-1.11	1.02	111.52	-51.80	51.34	8.39	-78.79
		530	0.21	1.98	-1.81	1.69	-1.51	1.02	22.65	-219.82	8.52	-205.69	-56.80
		529	0.23	2.01	-1.81	1.72	-1.51	1.02	38.28	-229.64	17.44	-208.80	-71.77
		506	0.16	2.12	-1.41	1.80	-1.09	1.02	136.53	-58.76	62.30	15.48	-94.80
478	11	507	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		530	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		529	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		506	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
479	1	508	0.77	11.92	-5.71	10.77	-4.57	4.35	75.12	-489.45	-6.99	-407.34	-199.03
		531	1.43	11.40	-7.73	10.35	-6.68	4.35	-117.16	-1028.22	-128.83	-1016.55	-102.43
		530	1.48	11.53	-7.73	10.49	-6.70	4.35	-68.67	-1043.30	-89.91	-1022.06	-142.31
		507	0.83	12.08	-5.63	10.94	-4.49	4.35	148.41	-496.09	37.47	-385.16	-243.29
479	5	508	0.51	7.95	-3.81	7.18	-3.04	2.90	53.44	-320.18	-1.64	-265.10	-132.46
		531	0.95	7.60	-5.15	6.90	-4.45	2.90	-74.99	-679.11	-82.87	-671.24	-68.52
		530	0.98	7.69	-5.16	7.00	-4.46	2.90	-42.81	-689.26	-57.11	-674.95	-95.11
		507	0.55	8.05	-3.75	7.29	-2.99	2.90	102.21	-324.75	27.81	-250.35	-161.96
479	8	508	0.08	1.59	-0.76	1.44	-0.61	0.58	31.54	-28.01	17.74	-14.21	-25.13
		531	0.15	1.52	-1.03	1.38	-0.89	0.58	3.78	-97.73	1.49	-95.44	-15.07
		530	0.16	1.54	-1.03	1.40	-0.89	0.58	9.42	-100.37	5.47	-96.42	-20.45
		507	0.09	1.61	-0.75	1.46	-0.60	0.58	40.79	-29.84	22.45	-11.50	-30.96
479	11	508	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		531	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		530	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		507	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
480	1	44	0.38	8.53	-1.36	8.33	-1.17	1.39	20.73	-105.46	4.05	-88.78	-42.75
		45	0.63	8.26	-2.61	8.08	-2.43	1.39	-19.17	-219.00	-21.53	-216.64	-21.57
		531	0.65	8.34	-2.61	8.16	-2.44	1.39	-9.15	-221.86	-13.34	-217.67	-29.56
		508	0.40	8.62	-1.32	8.42	-1.12	1.39	35.61	-106.51	13.34	-84.25	-51.65
480	5	44	0.25	5.68	-0.91	5.55	-0.78	0.92	14.71	-69.40	3.58	-58.27	-28.50

		45	0.42	5.50	-1.74	5.38	-1.62	0.92	-11.90	-145.08	-13.47	-143.51	-14.38
		531	0.43	5.56	-1.74	5.44	-1.62	0.92	-5.22	-146.99	-8.01	-144.20	-19.71
		508	0.27	5.75	-0.88	5.61	-0.75	0.92	24.62	-70.09	9.78	-55.25	-34.43
480	8	44	0.05	1.14	-0.18	1.11	-0.16	0.18	8.24	-8.39	6.00	-6.14	-5.68
		45	0.08	1.10	-0.35	1.08	-0.32	0.18	2.91	-23.51	2.59	-23.19	-2.89
		531	0.08	1.11	-0.35	1.09	-0.32	0.18	4.23	-23.90	3.67	-23.33	-3.96
		508	0.05	1.15	-0.18	1.12	-0.15	0.18	10.22	-8.54	7.22	-5.54	-6.87
480	11	44	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		45	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		531	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		508	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
481	1	1	7.23	8.00	2.29	5.90	4.39	2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	8.737e+04
		511	7.23	8.00	2.29	5.90	4.39	2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	8.737e+04
		534	7.23	8.00	2.29	5.90	4.39	2.76	1.826e+05	-1.839e+04	1.318e+05	3.245e+04	8.737e+04
481	5	1	4.75	5.34	1.53	3.93	2.93	1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	5.825e+04
		511	4.75	5.34	1.53	3.93	2.93	1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	5.825e+04
		534	4.75	5.34	1.53	3.93	2.93	1.84	1.173e+05	-1.673e+04	8.338e+04	1.716e+04	5.825e+04
481	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		511	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		534	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
481	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		511	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
		534	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	3.01e-05
482	1	512	15.01	15.95	8.78	10.73	14.00	-3.20	4.493e+05	1.348e+05	2.098e+05	3.742e+05	-1.340e+05
		535	16.84	17.40	9.47	11.09	15.78	-3.20	5.016e+05	1.409e+05	2.195e+05	4.229e+05	-1.489e+05
		534	15.46	16.70	5.88	6.92	15.65	-3.20	4.454e+05	7.999e+04	1.057e+05	4.196e+05	-9.351e+04
		511	11.95	13.76	4.91	6.27	12.40	-3.20	3.473e+05	7.099e+04	8.788e+04	3.304e+05	-6.620e+04
482	5	512	9.88	10.64	5.85	7.16	9.33	-2.13	2.949e+05	8.528e+04	1.353e+05	2.449e+05	-8.936e+04
		535	11.10	11.60	6.31	7.39	10.52	-2.13	3.298e+05	8.937e+04	1.418e+05	2.774e+05	-9.929e+04
		534	10.20	11.13	3.92	4.61	10.44	-2.13	2.924e+05	4.882e+04	6.599e+04	2.752e+05	-6.233e+04
		511	7.85	9.17	3.27	4.18	8.26	-2.13	2.270e+05	4.282e+04	5.409e+04	2.157e+05	-4.414e+04
482	8	512	1.42	2.13	1.17	1.43	1.87	-0.43	3.158e+04	-1.026e+04	-184.07	2.150e+04	-1.789e+04
		535	1.65	2.32	1.26	1.48	2.10	-0.43	3.852e+04	-9410.88	1114.15	2.799e+04	-1.984e+04
		534	1.59	2.23	0.78	0.92	2.09	-0.43	3.106e+04	-1.725e+04	-1.380e+04	2.761e+04	-1.244e+04
		511	1.19	1.83	0.65	0.84	1.65	-0.43	1.800e+04	-1.848e+04	-1.618e+04	1.571e+04	-8856.46
482	11	512	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	-19.34
		535	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.405e+04	-3.435e+04	19.34
		534	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	35.46
		511	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.375e+04	-3.429e+04	-35.46
483	1	513	24.12	25.02	12.77	16.07	21.73	-5.43	7.251e+05	2.306e+05	3.490e+05	6.067e+05	-2.110e+05
		536	26.90	27.46	13.94	16.67	24.73	-5.43	8.051e+05	2.401e+05	3.639e+05	6.812e+05	-2.338e+05
		535	25.37	26.73	10.71	12.83	24.61	-5.43	7.514e+05	1.963e+05	2.692e+05	6.785e+05	-1.875e+05
		512	21.15	22.94	9.27	11.96	20.25	-5.43	6.321e+05	1.855e+05	2.475e+05	5.701e+05	-1.544e+05
483	5	513	15.95	16.68	8.52	10.71	14.48	-3.62	4.787e+05	1.491e+05	2.280e+05	3.997e+05	-1.407e+05
		536	17.81	18.31	9.29	11.11	16.48	-3.62	5.320e+05	1.554e+05	2.380e+05	4.494e+05	-1.558e+05
		535	16.79	17.82	7.14	8.55	16.41	-3.62	4.962e+05	1.263e+05	1.749e+05	4.476e+05	-1.250e+05
		512	13.97	15.29	6.18	7.97	13.50	-3.62	4.167e+05	1.191e+05	1.604e+05	3.754e+05	-1.029e+05
483	8	513	2.50	3.34	1.70	2.14	2.90	-0.72	6.748e+04	1823.75	1.781e+04	5.150e+04	-2.818e+04
		536	2.88	3.66	1.86	2.22	3.30	-0.72	7.806e+04	3171.48	1.980e+04	6.143e+04	-3.112e+04
		535	2.71	3.56	1.43	1.71	3.28	-0.72	7.095e+04	-2256.64	7545.40	6.115e+04	-2.493e+04
		512	2.15	3.06	1.24	1.59	2.70	-0.72	5.515e+04	-3790.26	4654.94	4.670e+04	-2.065e+04
483	11	513	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	-53.17
		536	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.475e+04	-3.555e+04	53.17
		535	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	77.33
		512	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.429e+04	-3.546e+04	-77.33
484	1	514	33.19	33.99	17.03	21.46	29.56	-7.45	1.004e+06	3.453e+05	4.965e+05	8.523e+05	-2.769e+05
		537	37.42	37.57	18.69	22.33	33.93	-7.45	1.125e+06	3.592e+05	5.191e+05	9.655e+05	-3.114e+05
		536	35.78	36.84	15.46	18.49	33.82	-7.45	1.069e+06	3.138e+05	4.204e+05	9.627e+05	-2.630e+05
		513	30.06	31.90	13.53	17.34	28.09	-7.45	9.062e+05	2.987e+05	3.907e+05	8.142e+05	-2.178e+05
484	5	514	21.98	22.66	11.35	14.30	19.71	-4.97	6.641e+05	2.254e+05	3.263e+05	5.633e+05	-1.846e+05
		537	24.81	25.05	12.46	14.89	22.62	-4.97	7.453e+05	2.347e+05	3.413e+05	6.387e+05	-2.076e+05
		536	23.72	24.56	10.31	12.33	22.55	-4.97	7.080e+05	2.045e+05	2.756e+05	6.369e+05	-1.753e+05
		513	19.90	21.27	9.02	11.56	18.72	-4.97	5.993e+05	1.944e+05	2.558e+05	5.379e+05	-1.452e+05
484	8	514	3.62	4.53	2.27	2.86	3.94	-0.99	1.034e+05	1.616e+04	3.670e+04	8.284e+04	-3.701e+04
		537	4.19	5.01	2.49	2.98	4.52	-0.99	1.195e+05	1.819e+04	3.972e+04	9.793e+04	-4.143e+04
		536	4.00	4.91	2.06	2.47	4.51	-0.99	1.120e+05	1.268e+04	2.706e+04	9.766e+04	-3.496e+04
		513	3.22	4.25	1.80	2.31	3.74	-0.99	9.047e+04	1.049e+04	2.310e+04	7.786e+04	-2.915e+04
484	11	514	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	-103.43
		537	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.568e+04	-3.726e+04	103.43
		536	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	135.75
		513	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.507e+04	-3.713e+04	-135.75
485	1	509	42.29	42.96	21.36	26.88	37.44	-9.42	1.285e+06	4.750e+05	6.533e+05	1.107e+06	-3.356e+05
		532	48.26	47.73	23.53	28.04	43.22	-9.42	1.458e+06	4.941e+05	6.853e+05	1.267e+06	-3.843e+05
		537	46.51	46.99	20.28	24.17	43.10	-9.42	1.398e+06	4.444e+05	5.791e+05	1.264e+06	-3.322e+05
		514	38.95	40.85	17.83	22.73	35.95	-9.42	1.181e+06	4.242e+05	5.395e+05	1.066e+06	-2.720e+05
485	5	509	28.04	28.64	14.24	17.92	24.96	-6.28	8.515e+05	3.116e+05	4.306e+05	7.326e+05	-2.238e+05
		532	32.02	31.82	15.69	18.69	28.81	-6.28	9.667e+05	3.245e+05	4.519e+05	8.392e+05	-2.562e+05

		537	30.86	31.33	13.52	16.11	28.74	-6.28	9.271e+05	2.914e+05	3.812e+05	8.372e+05-2.215e+05
		514	25.81	27.23	11.89	15.16	23.96	-6.28	7.822e+05	2.779e+05	3.548e+05	7.052e+05-1.813e+05
485	8	509	4.75	5.73	2.85	3.58	4.99	-1.26	1.393e+05	3.226e+04	5.663e+04	1.150e+05-4.489e+04
		532	5.55	6.36	3.14	3.74	5.76	-1.26	1.621e+05	3.509e+04	6.089e+04	1.363e+05-5.110e+04
		537	5.34	6.27	2.70	3.22	5.75	-1.26	1.542e+05	2.915e+04	4.737e+04	1.360e+05-4.412e+04
		514	4.31	5.45	2.38	3.03	4.79	-1.26	1.255e+05	2.618e+04	4.209e+04	1.096e+05-3.644e+04
485	11	509	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04 -169.35
		532	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.686e+04	-3.943e+04 169.34
		537	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04 209.66
		514	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.609e+04	-3.928e+04 -209.66
486	1	510	44.49	245.20	-624.59	2.72	-382.11	390.01	1.302e+06	4.585e+05	6.913e+05	1.070e+06-3.772e+05
		533	48.28	305.45	-522.07	29.85	-246.48	390.01	1.419e+06	4.736e+05	7.132e+05	1.179e+06-4.111e+05
		532	47.27	266.60	-543.67	-28.87	-248.21	390.01	1.386e+06	4.563e+05	6.653e+05	1.177e+06-3.882e+05
		509	42.84	193.92	-658.80	-60.17	-404.70	390.01	1.251e+06	4.406e+05	6.400e+05	1.051e+06-3.490e+05
486	5	510	29.54	163.47	-416.39	1.82	-254.74	260.01	8.638e+05	3.011e+05	4.562e+05	7.087e+05-2.514e+05
		533	32.07	203.63	-348.05	19.90	-164.32	260.01	9.413e+05	3.111e+05	4.708e+05	7.816e+05-2.741e+05
		532	31.39	177.73	-362.45	-19.25	-165.47	260.01	9.198e+05	2.995e+05	4.388e+05	7.806e+05-2.588e+05
		509	28.43	129.28	-439.20	-40.11	-269.80	260.01	8.293e+05	2.891e+05	4.219e+05	6.965e+05-2.326e+05
486	8	510	5.20	32.69	-83.28	0.36	-50.95	52.00	1.458e+05	3.266e+04	6.312e+04	1.153e+05-5.017e+04
		533	5.73	40.73	-69.61	3.98	-32.86	52.00	1.615e+05	3.443e+04	6.603e+04	1.299e+05-5.493e+04
		532	5.60	35.55	-72.49	-3.85	-33.09	52.00	1.572e+05	3.179e+04	5.931e+04	1.296e+05-5.189e+04
		509	4.98	25.86	-87.84	-8.02	-53.96	52.00	1.388e+05	2.996e+04	5.594e+04	1.128e+05-4.640e+04
486	11	510	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04 141.53
		533	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.514e+04	-3.299e+04 -141.54
		532	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04 -163.32
		509	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.555e+04	-3.307e+04 163.31
487	1	515	47.13	186.62	-480.60	36.16	-330.15	278.84	1.029e+06	2.425e+05	4.856e+05	7.863e+05-3.635e+05
		538	47.87	214.55	-423.22	50.38	-259.05	278.84	1.048e+06	2.449e+05	4.891e+05	8.039e+05-3.694e+05
		533	47.61	189.85	-432.86	17.03	-260.03	278.84	1.041e+06	2.421e+05	4.800e+05	8.035e+05-3.655e+05
		510	46.74	156.20	-498.74	0.44	-342.98	278.84	1.020e+06	2.394e+05	4.759e+05	7.830e+05-3.586e+05
487	5	515	31.33	124.41	-320.40	24.11	-220.10	185.89	6.835e+05	1.588e+05	3.207e+05	5.216e+05-2.423e+05
		538	31.83	143.03	-282.15	33.59	-172.70	185.89	6.960e+05	1.604e+05	3.231e+05	5.333e+05-2.463e+05
		533	31.65	126.57	-288.57	11.35	-173.36	185.89	6.915e+05	1.584e+05	3.169e+05	5.330e+05-2.437e+05
		510	31.07	104.13	-332.49	0.30	-228.65	185.89	6.769e+05	1.567e+05	3.142e+05	5.193e+05-2.390e+05
487	8	515	5.77	24.88	-64.08	4.82	-44.02	37.18	1.202e+05	1.463e+04	4.617e+04	8.863e+04-4.832e+04
		538	5.89	28.61	-56.43	6.72	-34.54	37.18	1.230e+05	1.465e+04	4.664e+04	9.098e+04-4.941e+04
		533	5.86	25.31	-57.71	2.27	-34.67	37.18	1.219e+05	1.386e+04	4.494e+04	9.083e+04-4.891e+04
		510	5.72	20.83	-66.50	0.06	-45.73	37.18	1.186e+05	1.384e+04	4.439e+04	8.809e+04-4.763e+04
487	11	515	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04 188.78
		538	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-2.246e+04	-1.959e+04 -188.78
		533	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04 -220.25
		510	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-2.305e+04	-1.971e+04 220.25
488	1	516	41.16	148.70	-373.45	54.16	-278.92	201.06	7.975e+05	1.443e+05	3.812e+05	5.606e+05-3.140e+05
		539	39.58	160.42	-345.12	60.84	-245.54	201.06	7.664e+05	1.367e+05	3.747e+05	5.283e+05-3.053e+05
		538	40.13	149.62	-348.13	47.42	-245.93	201.06	7.769e+05	1.375e+05	3.860e+05	5.284e+05-3.117e+05
		515	41.92	136.01	-380.31	39.79	-284.08	201.06	8.122e+05	1.464e+05	3.934e+05	5.652e+05-3.216e+05
488	5	516	27.39	99.13	-248.97	36.11	-185.95	134.04	5.300e+05	9.441e+04	2.519e+05	3.725e+05-2.093e+05
		539	26.34	106.94	-230.08	40.56	-163.69	134.04	5.094e+05	8.922e+04	2.476e+05	3.510e+05-2.036e+05
		538	26.70	99.74	-232.09	31.61	-163.95	134.04	5.163e+05	8.962e+04	2.550e+05	3.510e+05-2.079e+05
		515	27.89	90.68	-253.54	26.52	-189.39	134.04	5.397e+05	9.571e+04	2.599e+05	3.756e+05-2.143e+05
488	8	516	5.19	19.83	-49.79	7.22	-37.19	26.81	9.619e+04	8028.84	3.719e+04	6.702e+04-4.148e+04
		539	5.03	21.39	-46.02	8.11	-32.74	26.81	9.269e+04	6361.03	3.633e+04	6.272e+04-4.110e+04
		538	5.09	19.95	-46.42	6.32	-32.79	26.81	9.358e+04	5718.30	3.679e+04	6.252e+04-4.201e+04
		515	5.27	18.14	-50.71	5.30	-37.88	26.81	9.756e+04	7643.65	3.777e+04	6.743e+04-4.244e+04
488	11	516	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.50 470.70
		539	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-1.648e+04	-9327.51 -470.69
		538	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-1.775e+04	-9582.88 -537.94
		515	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-1.775e+04	-9582.88 537.94
489	1	517	35.32	125.22	-298.44	61.70	-234.92	151.24	6.043e+05	8.347e+04	2.919e+05	3.959e+05-2.552e+05
		540	32.72	129.59	-286.54	64.41	-221.36	151.24	5.568e+05	7.029e+04	2.818e+05	3.452e+05-2.412e+05
		539	33.65	125.55	-287.41	59.64	-221.50	151.24	5.726e+05	7.060e+04	2.978e+05	3.454e+05-2.499e+05
		516	36.52	120.60	-300.77	56.59	-236.76	151.24	6.255e+05	8.606e+04	3.092e+05	4.024e+05-2.657e+05
489	5	517	23.51	83.48	-198.96	41.13	-156.62	100.83	4.019e+05	5.463e+04	1.931e+05	2.635e+05-1.701e+05
		540	21.79	86.39	-191.03	42.94	-147.57	100.83	3.703e+05	4.573e+04	1.863e+05	2.298e+05-1.608e+05
		539	22.41	83.70	-191.61	39.76	-147.67	100.83	3.808e+05	4.583e+04	1.968e+05	2.298e+05-1.667e+05
		516	24.31	80.40	-200.51	37.73	-157.84	100.83	4.160e+05	5.626e+04	2.044e+05	2.678e+05-1.770e+05
489	8	517	4.54	16.70	-39.79	8.23	-31.32	20.17	7.495e+04	4612.87	2.924e+04	5.032e+04-3.355e+04
		540	4.26	17.28	-38.21	8.59	-29.51	20.17	6.929e+04	2171.66	2.789e+04	4.357e+04-3.263e+04
		539	4.37	16.74	-38.32	7.95	-29.53	20.17	7.075e+04	1514.40	2.890e+04	4.337e+04-3.385e+04
		516	4.68	16.08	-40.10	7.55	-31.57	20.17	7.706e+04	4318.47	3.042e+04	5.096e+04-3.489e+04
489	11	517	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35 575.48
		540	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-1.171e+04	-2964.35 -575.48
		539	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55 -647.42
		516	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-1.307e+04	-3237.55 647.41
490	1	518	30.11	108.74	-243.90	63.67	-198.82	117.75	4.516e+05	4.423e+04	2.187e+05	2.772e+05-2.016e+05
		541	27.12	109.63	-241.28	64.25	-195.90	117.75	4.017e+05	2.868e+04	2.078e+05	2.226e+05-1.863e+05
		540	28.20	108.83	-241.42	63.34	-195.93	117.75	4.177e+05	2.829e+04	2.232e+05	2.228e+05-1.947e+05

		517	31.44	107.85	-244.33	62.69	-199.17	117.75	4.724e+05	4.639e+04	2.354e+05	2.834e+05	-2.117e+05
490	5	518	20.06	72.50	-162.60	42.44	-132.55	78.50	3.006e+05	2.900e+04	1.447e+05	1.849e+05	-1.343e+05
		541	18.07	73.09	-160.85	42.83	-130.60	78.50	2.674e+05	1.854e+04	1.374e+05	1.485e+05	-1.243e+05
		540	18.79	72.55	-160.95	42.22	-130.62	78.50	2.780e+05	1.819e+04	1.476e+05	1.486e+05	-1.299e+05
		517	20.94	71.90	-162.89	41.79	-132.78	78.50	3.144e+05	3.036e+04	1.557e+05	1.890e+05	-1.410e+05
490	8	518	3.94	14.50	-32.52	8.49	-26.51	15.70	5.754e+04	2623.80	2.254e+04	3.762e+04	-2.640e+04
		541	3.61	14.62	-32.17	8.57	-26.12	15.70	5.145e+04	-34.00	2.108e+04	3.034e+04	-2.532e+04
		540	3.73	14.51	-32.19	8.44	-26.12	15.70	5.294e+04	-648.29	2.214e+04	3.016e+04	-2.649e+04
		517	4.09	14.38	-32.58	8.36	-26.56	15.70	5.963e+04	2380.98	2.376e+04	3.825e+04	-2.769e+04
490	11	518	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	579.93
		541	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	-7997.92	812.15	-579.94
		540	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.43	-644.37
		517	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	-9221.54	567.42	644.37
491	1	519	25.37	95.93	-201.71	62.75	-168.53	93.68	3.307e+05	1.897e+04	1.603e+05	1.894e+05	-1.552e+05
		542	22.33	95.11	-204.32	62.18	-171.39	93.68	2.844e+05	2886.05	1.499e+05	1.374e+05	-1.406e+05
		541	23.44	95.83	-204.21	62.98	-171.37	93.68	2.987e+05	2036.35	1.632e+05	1.376e+05	-1.478e+05
		518	26.69	96.73	-201.34	63.61	-168.22	93.68	3.488e+05	2.058e+04	1.746e+05	1.948e+05	-1.638e+05
491	5	519	16.91	63.96	-134.47	41.83	-112.35	62.45	2.203e+05	1.251e+04	1.061e+05	1.267e+05	-1.034e+05
		542	14.89	63.40	-136.21	41.45	-114.26	62.45	1.895e+05	1721.05	9.922e+04	9.199e+04	-9.381e+04
		541	15.62	63.88	-136.14	41.99	-114.24	62.45	1.989e+05	1093.54	1.080e+05	9.208e+04	-9.860e+04
		518	17.78	64.49	-134.23	42.41	-112.15	62.45	2.323e+05	1.352e+04	1.156e+05	1.302e+05	-1.091e+05
491	8	519	3.37	12.79	-26.89	8.37	-22.47	12.49	4.328e+04	1417.43	1.705e+04	2.765e+04	-2.025e+04
		542	3.02	12.68	-27.24	8.29	-22.85	12.49	3.755e+04	-1168.32	1.566e+04	2.072e+04	-1.919e+04
		541	3.15	12.78	-27.23	8.40	-22.85	12.49	3.887e+04	-1706.38	1.659e+04	2.057e+04	-2.019e+04
		518	3.52	12.90	-26.85	8.48	-22.43	12.49	4.510e+04	1217.53	1.812e+04	2.820e+04	-2.135e+04
491	11	519	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	535.52
		542	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	-5223.22	2912.13	-535.52
		541	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.74	-6240.14	2708.74	-589.07
		518	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	-6240.13	2708.75	589.07
492	1	520	21.00	85.33	-167.32	60.38	-142.37	75.37	2.353e+05	3554.10	1.149e+05	1.239e+05	-1.158e+05
		543	18.13	83.69	-172.75	59.20	-148.26	75.37	1.956e+05	-1.203e+04	1.057e+05	7.782e+04	-1.029e+05
		542	19.20	85.06	-172.56	60.71	-148.21	75.37	2.075e+05	-1.312e+04	1.165e+05	7.795e+04	-1.086e+05
		519	22.23	86.84	-166.63	61.99	-141.79	75.37	2.501e+05	4638.94	1.265e+05	1.283e+05	-1.228e+05
492	5	520	14.00	56.89	-111.54	40.25	-94.91	50.25	1.569e+05	2453.50	7.619e+04	8.314e+04	-7.713e+04
		543	12.09	55.80	-115.16	39.47	-98.84	50.25	1.304e+05	-7980.89	7.004e+04	5.239e+04	-6.863e+04
		542	12.80	56.71	-115.04	40.47	-98.81	50.25	1.383e+05	-8751.23	7.710e+04	5.246e+04	-7.249e+04
		519	14.81	57.89	-111.09	41.33	-94.53	50.25	1.667e+05	3132.43	8.381e+04	8.600e+04	-8.177e+04
492	8	520	2.82	11.38	-22.31	8.05	-18.98	10.05	3.164e+04	714.31	1.264e+04	1.971e+04	-1.505e+04
		543	2.48	11.16	-23.03	7.89	-19.77	10.05	2.663e+04	-1654.36	1.141e+04	1.356e+04	-1.410e+04
		542	2.60	11.34	-23.01	8.09	-19.76	10.05	2.773e+04	-2107.31	1.218e+04	1.345e+04	-1.491e+04
		519	2.96	11.58	-22.22	8.27	-18.91	10.05	3.312e+04	550.71	1.352e+04	2.015e+04	-1.595e+04
492	11	520	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.06	3862.91	467.43
		543	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	-3238.07	3862.91	-467.43
		542	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	-509.93
		519	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	-4044.99	3701.53	509.92
493	1	521	17.25	76.22	-139.77	57.04	-120.59	61.45	1.637e+05	-6104.10	8.011e+04	7.748e+04	-8.489e+04
		544	14.67	74.26	-146.57	55.58	-127.89	61.45	1.309e+05	-2.060e+04	7.223e+04	3.810e+04	-7.382e+04
		543	15.67	75.83	-146.38	57.29	-127.84	61.45	1.406e+05	-2.173e+04	8.066e+04	3.821e+04	-7.834e+04
		520	18.37	77.95	-139.01	58.87	-119.93	61.45	1.755e+05	-5397.23	8.919e+04	8.087e+04	-9.033e+04
493	5	521	11.50	50.82	-93.18	38.03	-80.39	40.96	1.092e+05	-3861.12	5.316e+04	5.220e+04	-5.654e+04
		544	9.78	49.50	-97.71	37.05	-85.26	40.96	8.740e+04	-1.355e+04	4.791e+04	2.595e+04	-4.926e+04
		543	10.45	50.55	-97.59	38.19	-85.23	40.96	9.378e+04	-1.433e+04	5.345e+04	2.600e+04	-5.228e+04
		520	12.25	51.97	-92.67	39.25	-79.95	40.96	1.170e+05	-3421.59	5.914e+04	5.444e+04	-6.017e+04
493	8	521	2.35	10.16	-18.64	7.61	-16.08	8.19	2.267e+04	210.26	9160.75	1.372e+04	-1.100e+04
		544	2.02	9.90	-19.54	7.41	-17.05	8.19	1.846e+04	-1878.37	8110.66	8466.80	-1.017e+04
		543	2.13	10.11	-19.52	7.64	-17.05	8.19	1.935e+04	-2245.69	8723.35	8379.32	-1.080e+04
		520	2.47	10.39	-18.53	7.85	-15.99	8.19	2.385e+04	82.06	9860.94	1.407e+04	-1.169e+04
493	11	521	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	390.93
		544	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	-1833.95	4104.96	-390.94
		543	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	-2452.59	3981.23	-423.52
		520	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	-2452.59	3981.23	423.51
494	1	522	13.98	68.15	-116.79	53.24	-101.87	50.36	1.102e+05	-1.149e+04	5.401e+04	4.469e+04	-6.066e+04
		545	11.79	66.11	-124.09	51.68	-109.66	50.36	8.425e+04	-2.463e+04	4.750e+04	1.212e+04	-5.149e+04
		544	12.71	67.67	-123.91	53.36	-109.61	50.36	9.185e+04	-2.569e+04	5.395e+04	1.221e+04	-5.494e+04
		521	14.99	69.86	-116.05	55.04	-101.22	50.36	1.193e+05	-1.106e+04	6.096e+04	4.728e+04	-6.482e+04
494	5	522	9.32	45.43	-77.86	35.49	-67.92	33.57	7.359e+04	-7394.47	3.589e+04	3.031e+04	-4.040e+04
		545	7.86	44.07	-82.72	34.45	-73.11	33.57	5.631e+04	-1.616e+04	3.155e+04	8602.02	-3.437e+04
		544	8.47	45.11	-82.61	35.58	-73.07	33.57	6.132e+04	-1.688e+04	3.579e+04	8648.15	-3.667e+04
		521	9.99	46.58	-77.36	36.69	-67.48	33.57	7.962e+04	-7128.49	4.046e+04	3.203e+04	-4.317e+04
494	8	522	1.92	9.09	-15.57	7.10	-13.58	6.71	1.576e+04	-130.47	6457.24	9170.21	-7827.53
		545	1.62	8.81	-16.54	6.89	-14.62	6.71	1.234e+04	-1926.65	5588.94	4828.73	-7125.36
		544	1.72	9.02	-16.52	7.12	-14.61	6.71	1.305e+04	-2217.23	6068.39	4764.32	-7605.69
		521	2.03	9.32	-15.47	7.34	-13.50	6.71	1.667e+04	-228.52	7003.48	9439.76	-8361.87
494	11	522	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.62	315.18
		545	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	-896.43	3891.63	-315.18
		544	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	-339.42
		521	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	-1356.82	3799.55	339.43

495	1	523	11.10	60.87	-96.82	49.29	-85.24	41.14	7.093e+04	-1.357e+04	3.512e+04	2.224e+04	-4.175e+04
		546	9.40	58.90	-104.07	47.76	-92.92	41.14	5.143e+04	-2.520e+04	2.993e+04	-3708.23	-3.442e+04
		545	10.23	60.34	-103.92	49.30	-92.88	41.14	5.719e+04	-2.612e+04	3.472e+04	-3640.83	-3.698e+04
		522	11.99	62.45	-96.15	50.94	-84.65	41.14	7.777e+04	-1.333e+04	4.028e+04	2.416e+04	-4.483e+04
495	5	523	7.40	40.58	-64.55	32.86	-56.83	27.42	4.742e+04	-8772.01	2.337e+04	1.528e+04	-2.780e+04
		546	6.26	39.27	-69.38	31.84	-61.95	27.42	3.441e+04	-1.652e+04	1.991e+04	-2021.08	-2.298e+04
		545	6.81	40.23	-69.28	32.87	-61.92	27.42	3.822e+04	-1.714e+04	2.306e+04	-1984.97	-2.469e+04
		522	7.99	41.63	-64.10	33.96	-56.43	27.42	5.194e+04	-8629.64	2.676e+04	1.655e+04	-2.985e+04
495	8	523	1.52	8.12	-12.91	6.57	-11.37	5.48	1.049e+04	-321.90	4413.03	5758.28	-5365.56
		546	1.27	7.85	-13.88	6.37	-12.39	5.48	7853.87	-1834.24	3721.08	2298.54	-4791.55
		545	1.36	8.05	-13.86	6.57	-12.38	5.48	8396.68	-2058.18	4085.66	2252.84	-5146.47
		522	1.62	8.33	-12.82	6.79	-11.29	5.48	1.118e+04	-395.88	4827.03	5959.70	-5761.48
495	11	523	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	243.95
		546	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	-322.85	3383.06	-243.95
		545	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	-261.37
		522	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	-653.74	3316.88	261.37
496	1	524	8.76	54.20	-80.19	45.15	-71.14	33.68	4.369e+04	-1.396e+04	2.164e+04	8097.49	-2.802e+04
		547	7.71	52.38	-87.05	43.71	-78.38	33.68	2.953e+04	-2.404e+04	1.760e+04	-1.210e+04	-2.230e+04
		546	8.44	53.66	-86.93	45.06	-78.34	33.68	3.380e+04	-2.477e+04	2.108e+04	-1.205e+04	-2.415e+04
		523	9.54	55.60	-79.60	46.61	-70.61	33.68	4.873e+04	-1.384e+04	2.539e+04	9495.60	-3.026e+04
496	5	524	5.83	36.14	-53.46	30.10	-47.42	22.45	2.925e+04	-9054.89	1.443e+04	5769.68	-1.866e+04
		547	5.11	34.92	-58.04	29.14	-52.25	22.45	1.980e+04	-1.576e+04	1.173e+04	-7697.13	-1.489e+04
		546	5.60	35.77	-57.96	30.04	-52.23	22.45	2.262e+04	-1.626e+04	1.403e+04	-7669.00	-1.613e+04
		523	6.35	37.07	-53.07	31.07	-47.08	22.45	3.258e+04	-8984.63	1.690e+04	6695.60	-2.015e+04
496	8	524	1.19	7.23	-10.69	6.02	-9.48	4.49	6730.04	-457.28	2893.29	3379.47	-3585.43
		547	0.98	6.98	-11.61	5.83	-10.45	4.49	4753.56	-1712.84	2354.62	686.10	-3123.71
		546	1.06	7.15	-11.59	6.01	-10.45	4.49	5164.09	-1880.39	2628.92	654.78	-3381.10
		523	1.28	7.41	-10.61	6.21	-9.42	4.49	7242.59	-511.39	3203.51	3527.70	-3873.60
496	11	524	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	182.48
		547	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	13.08	2785.21	-182.48
		546	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	-217.93	2739.01	-194.64
		523	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	-217.93	2739.01	194.64
497	1	525	6.79	48.04	-65.39	41.07	-58.41	27.25	2.517e+04	-1.278e+04	1.255e+04	-158.26	-1.788e+04
		548	6.55	46.41	-71.66	39.75	-65.00	27.25	1.555e+04	-2.122e+04	9540.37	-1.522e+04	-1.359e+04
		547	7.15	47.51	-71.57	40.91	-64.96	27.25	1.856e+04	-2.175e+04	1.199e+04	-1.518e+04	-1.489e+04
		524	7.44	49.23	-64.89	42.31	-57.97	27.25	2.873e+04	-1.272e+04	1.519e+04	820.72	-1.944e+04
497	5	525	4.51	32.03	-43.59	27.38	-38.94	18.17	1.687e+04	-8304.12	8390.02	179.32	-1.190e+04
		548	4.34	30.94	-47.78	26.50	-43.33	18.17	1.044e+04	-1.392e+04	6382.45	-9858.56	-9079.05
		547	4.73	31.67	-47.71	27.27	-43.31	18.17	1.243e+04	-1.428e+04	7994.06	-9837.37	-9943.95
		524	4.95	32.82	-43.26	28.20	-38.64	18.17	1.923e+04	-8274.22	1.013e+04	827.87	-1.294e+04
497	8	525	0.90	6.41	-8.72	5.48	-7.79	3.63	4052.98	-500.31	1809.61	1743.07	-2276.40
		548	0.74	6.19	-9.56	5.30	-8.67	3.63	2665.59	-1522.00	1408.09	-264.51	-1919.53
		547	0.82	6.33	-9.54	5.45	-8.66	3.63	2963.57	-1641.15	1607.32	-284.89	-2098.99
		524	0.98	6.56	-8.65	5.64	-7.73	3.63	4420.95	-538.86	2033.93	1848.16	-2478.16
497	11	525	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	129.66
		548	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	166.52	2136.21	-129.66
		547	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	-137.76
		524	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	12.63	2105.44	137.76
498	1	526	5.27	42.27	-52.87	36.92	-47.52	21.92	1.340e+04	-1.100e+04	6598.64	-4202.17	-1.094e+04
		549	5.77	40.85	-58.46	35.75	-53.35	21.92	7184.72	-1.782e+04	4425.91	-1.507e+04	-7834.87
		548	6.22	41.77	-58.38	36.72	-53.32	21.92	9226.01	-1.817e+04	6096.35	-1.504e+04	-8714.34
		525	5.80	43.27	-52.46	37.95	-47.15	21.92	1.583e+04	-1.097e+04	8396.89	-3535.78	-1.200e+04
498	5	526	3.50	28.18	-35.25	24.61	-31.68	14.62	9000.95	-7166.98	4428.01	-2594.05	-7281.70
		549	3.81	27.24	-38.97	23.83	-35.57	14.62	4846.04	-1.170e+04	2979.52	-9836.49	-5235.00
		548	4.11	27.85	-38.92	24.48	-35.55	14.62	6196.24	-1.194e+04	4080.02	-9820.88	-5822.00
		525	3.85	28.85	-34.98	25.30	-31.43	14.62	1.061e+04	-7152.13	5613.72	-2152.41	-7989.09
498	8	526	0.66	5.64	-7.05	4.92	-6.34	2.92	2287.06	-504.62	1057.96	724.48	-1385.84
		549	0.59	5.45	-7.79	4.77	-7.11	2.92	1365.82	-1321.57	768.26	-724.01	-1117.50
		548	0.65	5.57	-7.78	4.90	-7.11	2.92	1574.02	-1401.04	909.61	-736.63	-1239.04
		525	0.73	5.77	-7.00	5.06	-6.29	2.92	2544.24	-530.83	1216.35	797.06	-1523.18
498	11	526	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	88.12
		549	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	216.86	1555.51	-88.12
		548	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	-93.30
		525	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	118.43	1535.82	93.30
499	1	527	4.24	36.83	-41.88	32.81	-37.86	17.32	6350.17	-8812.28	2997.85	-5459.96	-6292.17
		550	5.18	35.63	-46.72	31.80	-42.90	17.32	2614.19	-1.403e+04	1506.11	-1.292e+04	-4148.70
		549	5.50	36.38	-46.66	32.59	-42.87	17.32	3919.16	-1.422e+04	2595.32	-1.290e+04	-4718.65
		526	4.64	37.64	-41.55	33.65	-37.56	17.32	7931.15	-8787.87	4169.93	-5026.65	-6981.20
499	5	527	2.80	24.55	-27.92	21.87	-25.24	11.55	4279.52	-5753.30	2025.53	-3499.31	-4187.29
		550	3.42	23.75	-31.15	21.20	-28.60	11.55	1781.17	-9221.92	1031.03	-8471.79	-2773.28
		549	3.63	24.25	-31.11	21.73	-28.58	11.55	2644.83	-9356.29	1749.28	-8460.74	-3153.67
		526	3.07	25.10	-27.70	22.44	-25.04	11.55	5327.09	-5740.09	2799.02	-3212.02	-4646.23
499	8	527	0.48	4.91	-5.58	4.37	-5.05	2.31	1175.03	-465.44	566.12	143.47	-792.54
		550	0.50	4.75	-6.23	4.24	-5.72	2.31	612.80	-1096.60	367.22	-851.02	-599.57
		549	0.55	4.85	-6.22	4.35	-5.72	2.31	749.51	-1144.32	463.48	-858.29	-678.14
		526	0.53	5.02	-5.54	4.49	-5.01	2.31	1346.62	-481.73	673.43	191.46	-881.84
499	11	527	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	56.13

		550	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	202.21	1054.97	-56.13
		549	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	-59.25
		526	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	142.99	1043.13	59.25
500	1	528	3.45	31.68	-31.87	28.81	-28.99	13.20	2544.73	-6387.67	1087.03	-4929.97	-3300.89
		551	4.57	30.70	-35.92	27.97	-33.19	13.20	508.83	-1.003e+04	141.27	-9658.78	-1933.21
		550	4.79	31.30	-35.88	28.59	-33.18	13.20	1273.91	-1.012e+04	799.84	-9646.53	-2275.31
		527	3.73	32.33	-31.61	29.47	-28.76	13.20	3487.45	-6360.91	1795.38	-4668.83	-3714.98
500	5	528	2.28	21.12	-21.25	19.21	-19.33	8.80	1724.56	-4180.15	745.20	-3200.78	-2196.29
		551	3.02	20.47	-23.95	18.65	-22.13	8.80	363.63	-6602.26	114.69	-6353.32	-1293.11
		550	3.16	20.86	-23.92	19.06	-22.12	8.80	870.20	-6666.78	549.44	-6346.02	-1521.40
		527	2.46	21.55	-21.07	19.65	-19.17	8.80	2349.66	-4164.09	1213.13	-3027.55	-2472.12
500	8	528	0.34	4.22	-4.25	3.84	-3.87	1.76	531.77	-385.43	271.63	-125.29	-413.44
		551	0.44	4.09	-4.79	3.73	-4.43	1.76	227.79	-838.06	145.53	-755.80	-284.44
		550	0.47	4.17	-4.78	3.81	-4.42	1.76	309.45	-862.28	206.67	-759.50	-331.46
		527	0.38	4.31	-4.21	3.93	-3.83	1.76	637.23	-393.63	339.41	-95.81	-467.24
500	11	528	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	32.26
		551	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	153.83	643.97	-32.26
		550	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	-33.96
		527	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	121.58	637.52	33.96
501	1	529	2.83	26.76	-23.26	24.81	-21.30	9.69	750.30	-4215.02	188.79	-3653.51	-1572.50
		552	3.93	25.98	-26.54	24.13	-24.68	9.69	-267.24	-6509.69	-363.24	-6413.69	-768.15
		551	4.07	26.44	-26.51	24.61	-24.67	9.69	144.81	-6546.33	4.81	-6406.32	-957.70
		528	3.00	27.26	-23.06	25.32	-21.12	9.69	1264.96	-4188.65	584.45	-3508.14	-1802.27
501	5	529	1.87	17.84	-15.50	16.54	-14.20	6.46	516.08	-2765.48	139.32	-2388.73	-1046.13
		552	2.60	17.32	-17.69	16.09	-16.46	6.46	-163.63	-4293.91	-228.70	-4228.85	-514.31
		551	2.69	17.63	-17.67	16.40	-16.45	6.46	109.32	-4319.10	14.58	-4224.36	-640.78
		528	1.98	18.17	-15.37	16.88	-14.08	6.46	857.56	-2748.80	401.00	-2292.23	-1199.20
501	8	529	0.26	3.57	-3.10	3.31	-2.84	1.29	204.29	-292.11	108.38	-196.20	-195.99
		552	0.39	3.46	-3.54	3.22	-3.29	1.29	56.49	-585.94	34.77	-564.22	-116.09
		551	0.41	3.53	-3.53	3.28	-3.29	1.29	101.12	-596.09	70.86	-565.84	-142.05
		528	0.29	3.63	-3.07	3.38	-2.82	1.29	263.43	-294.69	148.15	-179.41	-225.94
501	11	529	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.98	352.08	16.53
		552	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	100.97	352.08	-16.53
		551	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	-17.36
		528	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	85.28	348.94	17.36
502	1	530	2.19	22.05	-15.51	20.87	-14.33	6.55	96.82	-2338.56	-84.63	-2157.11	-639.51
		553	3.10	21.47	-18.03	20.36	-16.91	6.55	-343.28	-3553.01	-360.39	-3535.90	-233.73
		552	3.18	21.81	-18.01	20.70	-16.90	6.55	-152.47	-3563.06	-183.49	-3532.04	-323.81
		529	2.28	22.41	-15.37	21.24	-14.20	6.55	336.75	-2318.94	105.40	-2087.59	-748.91
502	5	530	1.44	14.70	-10.34	13.92	-9.55	4.37	72.38	-1538.65	-49.14	-1417.13	-425.44
		553	2.05	14.32	-12.02	13.57	-11.27	4.37	-221.36	-2347.94	-232.98	-2336.33	-156.72
		552	2.10	14.54	-12.01	13.80	-11.27	4.37	-94.86	-2354.91	-115.86	-2333.91	-216.82
		529	1.51	14.94	-10.24	14.16	-9.46	4.37	231.69	-1525.90	76.73	-1370.95	-498.33
502	8	530	0.21	2.94	-2.07	2.78	-1.91	0.87	62.55	-186.61	33.73	-157.79	-79.69
		553	0.33	2.86	-2.40	2.71	-2.25	0.87	0.90	-345.57	-3.04	-341.63	-36.75
		552	0.34	2.91	-2.40	2.76	-2.25	0.87	22.10	-348.72	15.50	-342.13	-49.02
		529	0.23	2.99	-2.05	2.83	-1.89	0.87	90.79	-186.31	54.02	-149.53	-94.01
502	11	530	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	6.74
		553	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	54.61	157.06	-6.74
		552	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	-7.06
		529	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	48.52	155.84	7.06
503	1	531	1.44	17.53	-8.58	16.99	-8.04	3.74	-24.61	-956.86	-73.36	-908.10	-207.55
		554	2.03	17.14	-10.37	16.62	-9.85	3.74	-175.89	-1433.35	-177.99	-1431.25	-51.32
		553	2.08	17.37	-10.36	16.86	-9.84	3.74	-107.62	-1434.98	-112.95	-1429.66	-83.89
		530	1.49	17.78	-8.49	17.23	-7.95	3.74	61.19	-947.48	-3.56	-882.73	-247.22
503	5	531	0.96	11.69	-5.72	11.32	-5.36	2.49	-13.30	-631.52	-45.89	-598.94	-138.14
		554	1.35	11.43	-6.91	11.08	-6.57	2.49	-114.22	-949.13	-115.64	-947.70	-34.44
		553	1.38	11.58	-6.90	11.24	-6.56	2.49	-68.88	-950.27	-72.47	-946.68	-56.17
		530	0.99	11.85	-5.66	11.49	-5.30	2.49	43.73	-625.34	0.45	-582.06	-164.58
503	8	531	0.16	2.34	-1.14	2.26	-1.07	0.50	16.00	-88.09	8.89	-80.98	-26.26
		554	0.23	2.29	-1.38	2.22	-1.31	0.50	-4.59	-151.20	-5.06	-150.73	-8.25
		553	0.24	2.32	-1.38	2.25	-1.31	0.50	3.43	-151.80	2.39	-150.76	-12.66
		530	0.16	2.37	-1.13	2.30	-1.06	0.50	26.48	-87.34	16.98	-77.84	-31.49
503	11	531	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	1.70
		554	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	22.66	48.48	-1.70
		553	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	-1.78
		530	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	21.19	48.19	1.78
504	1	45	0.68	13.25	-2.41	13.16	-2.32	1.19	2.02	-203.37	-8.10	-193.24	-44.46
		46	0.90	13.03	-3.48	12.94	-3.40	1.19	-29.64	-303.47	-30.06	-303.05	-10.77
		554	0.93	13.16	-3.48	13.07	-3.39	1.19	-15.59	-303.70	-16.63	-302.65	-17.29
		531	0.70	13.39	-2.36	13.30	-2.27	1.19	19.53	-201.32	6.28	-188.08	-52.45
504	5	45	0.45	8.83	-1.61	8.77	-1.54	0.79	2.23	-134.66	-4.52	-127.91	-29.64
		46	0.60	8.68	-2.32	8.63	-2.27	0.79	-18.88	-201.40	-19.16	-201.12	-7.18
		554	0.62	8.77	-2.32	8.72	-2.26	0.79	-9.51	-201.55	-10.21	-200.85	-11.53
		531	0.47	8.93	-1.57	8.87	-1.51	0.79	13.90	-133.30	5.07	-124.47	-34.96
504	8	45	0.09	1.77	-0.32	1.75	-0.31	0.16	5.73	-21.43	4.38	-20.07	-5.91
		46	0.12	1.74	-0.46	1.73	-0.45	0.16	1.51	-34.77	1.45	-34.71	-1.45

		554	0.12	1.75	-0.46	1.74	-0.45	0.16	3.37	-34.81	3.23	-34.66	-2.32
		531	0.09	1.79	-0.31	1.77	-0.30	0.16	8.06	-21.16	6.28	-19.39	-6.98
504	11	45	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	0.02
		46	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.63	6.87	-0.02
		554	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	-0.02
		531	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.61	6.87	0.02
505	1	1	7.57	9.04	4.38	7.69	5.73	2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	6.704e+04
		534	7.57	9.04	4.38	7.69	5.73	2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	6.704e+04
		557	7.57	9.04	4.38	7.69	5.73	2.11	2.134e+05	2.705e+04	1.850e+05	5.551e+04	6.704e+04
505	5	1	4.94	6.02	2.92	5.12	3.82	1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	4.469e+04
		534	4.94	6.02	2.92	5.12	3.82	1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	4.469e+04
		557	4.94	6.02	2.92	5.12	3.82	1.41	1.378e+05	1.356e+04	1.188e+05	3.253e+04	4.469e+04
505	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		534	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		557	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
505	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		534	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
		557	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-3.01e-05
506	1	534	15.96	17.67	7.70	17.03	8.34	2.45	4.735e+05	1.271e+05	4.680e+05	1.326e+05	4.347e+04
		535	17.98	19.78	13.03	18.72	14.08	2.45	5.516e+05	2.521e+05	5.143e+05	2.894e+05	9.885e+04
		558	19.55	20.99	13.45	20.08	14.36	2.45	5.981e+05	2.504e+05	5.517e+05	2.969e+05	1.183e+05
		557	18.77	20.06	8.31	19.53	8.84	2.45	5.519e+05	1.309e+05	5.365e+05	1.463e+05	7.908e+04
506	5	534	10.52	11.78	5.13	11.35	5.56	1.63	3.111e+05	8.021e+04	3.074e+05	8.391e+04	2.898e+04
		535	11.84	13.18	8.68	12.48	9.39	1.63	3.631e+05	1.635e+05	3.383e+05	1.884e+05	6.591e+04
		558	12.90	13.99	8.97	13.39	9.57	1.63	3.942e+05	1.624e+05	3.632e+05	1.934e+05	7.885e+04
		557	12.40	13.38	5.54	13.02	5.90	1.63	3.634e+05	8.276e+04	3.531e+05	9.304e+04	5.271e+04
506	8	534	1.56	2.36	1.03	2.27	1.11	0.33	3.481e+04	-1.097e+04	3.405e+04	-1.022e+04	5825.34
		535	1.61	2.64	1.74	2.50	1.88	0.33	4.519e+04	5423.16	4.018e+04	1.043e+04	1.320e+04
		558	1.84	2.80	1.79	2.68	1.91	0.33	5.137e+04	5216.23	4.516e+04	1.143e+04	1.575e+04
		557	1.93	2.68	1.11	2.60	1.18	0.33	4.525e+04	-1.045e+04	4.319e+04	-8392.32	1.051e+04
506	11	534	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		535	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		558	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		557	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
507	1	535	26.63	28.89	14.49	27.56	15.82	4.17	8.116e+05	3.163e+05	7.860e+05	3.419e+05	1.096e+05
		536	28.78	30.89	19.33	29.12	21.10	4.17	8.837e+05	4.135e+05	8.246e+05	4.725e+05	1.558e+05
		559	31.18	32.94	20.04	31.42	21.56	4.17	9.549e+05	4.109e+05	8.818e+05	4.840e+05	1.855e+05
		558	30.13	32.02	15.37	30.91	16.49	4.17	9.114e+05	3.163e+05	8.692e+05	3.585e+05	1.527e+05
507	5	535	17.61	19.26	9.66	18.37	10.55	2.78	5.364e+05	2.063e+05	5.193e+05	2.234e+05	7.306e+04
		536	19.04	20.59	12.89	19.41	14.07	2.78	5.844e+05	2.710e+05	5.450e+05	3.104e+05	1.039e+05
		559	20.64	21.96	13.36	20.95	14.37	2.78	6.319e+05	2.693e+05	5.831e+05	3.180e+05	1.236e+05
		558	19.95	21.35	10.25	20.60	10.99	2.78	6.029e+05	2.063e+05	5.747e+05	2.344e+05	1.018e+05
507	8	535	2.75	3.85	1.93	3.67	2.11	0.56	7.897e+04	1.375e+04	7.549e+04	1.724e+04	1.467e+04
		536	2.96	4.12	2.58	3.88	2.81	0.56	8.854e+04	2.629e+04	8.056e+04	3.428e+04	2.082e+04
		559	3.31	4.39	2.67	4.19	2.87	0.56	9.798e+04	2.600e+04	8.818e+04	3.580e+04	2.469e+04
		558	3.24	4.27	2.05	4.12	2.20	0.56	9.224e+04	1.379e+04	8.658e+04	1.946e+04	2.030e+04
507	11	535	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		536	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		559	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17
		558	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
508	1	536	37.70	40.05	21.00	38.14	22.91	5.72	1.154e+06	4.924e+05	1.116e+06	5.310e+05	1.550e+05
		537	40.02	42.06	25.84	39.70	28.20	5.72	1.229e+06	5.937e+05	1.156e+06	6.672e+05	2.032e+05
		560	43.62	45.07	26.85	43.05	28.87	5.72	1.337e+06	5.901e+05	1.243e+06	6.846e+05	2.482e+05
		559	42.43	44.14	22.18	42.54	23.79	5.72	1.292e+06	4.917e+05	1.229e+06	5.538e+05	2.140e+05
508	5	536	24.98	26.70	14.00	25.43	15.27	3.81	7.644e+05	3.236e+05	7.387e+05	3.493e+05	1.033e+05
		537	26.52	28.04	17.23	26.47	18.80	3.81	8.146e+05	3.910e+05	7.655e+05	4.400e+05	1.355e+05
		560	28.92	30.05	17.90	28.70	19.24	3.81	8.864e+05	3.887e+05	8.234e+05	4.516e+05	1.655e+05
		559	28.14	29.43	14.79	28.36	15.86	3.81	8.561e+05	3.231e+05	8.147e+05	3.645e+05	1.427e+05
508	8	536	4.13	5.34	2.80	5.09	3.05	0.76	1.233e+05	3.651e+04	1.180e+05	4.180e+04	2.077e+04
		537	4.39	5.61	3.45	5.29	3.76	0.76	1.333e+05	4.945e+04	1.233e+05	5.946e+04	2.718e+04
		560	4.89	6.01	3.58	5.74	3.85	0.76	1.476e+05	4.907e+04	1.349e+05	6.177e+04	3.301e+04
		559	4.79	5.89	2.96	5.67	3.17	0.76	1.416e+05	3.649e+04	1.332e+05	4.484e+04	2.842e+04
508	11	536	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	135.75
		537	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	103.43
		560	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	-103.43
		559	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	-135.75
509	1	537	49.06	51.23	27.55	48.76	30.01	7.23	1.505e+06	6.802e+05	1.457e+06	7.279e+05	1.925e+05
		532	51.58	53.25	32.43	50.34	35.35	7.23	1.585e+06	7.904e+05	1.501e+06	8.745e+05	2.444e+05
		555	56.61	57.26	33.75	54.77	36.23	7.23	1.737e+06	7.858e+05	1.623e+06	8.990e+05	3.080e+05
		560	55.30	56.33	29.04	54.26	31.11	7.23	1.688e+06	6.792e+05	1.609e+06	7.583e+05	2.711e+05
509	5	537	32.54	34.15	18.37	32.51	20.01	4.82	9.982e+05	4.486e+05	9.663e+05	4.805e+05	1.283e+05
		532	34.22	35.50	21.62	33.56	23.56	4.82	1.051e+06	5.219e+05	9.952e+05	5.781e+05	1.630e+05
		555	37.57	38.17	22.50	36.52	24.16	4.82	1.153e+06	5.189e+05	1.077e+06	5.944e+05	2.053e+05
		560	36.71	37.55	19.36	36.17	20.74	4.82	1.120e+06	4.480e+05	1.068e+06	5.007e+05	1.807e+05
509	8	537	5.56	6.83	3.67	6.50	4.00	0.96	1.684e+05	6.062e+04	1.618e+05	6.721e+04	2.584e+04
		532	5.86	7.10	4.32	6.71	4.71	0.96	1.790e+05	7.459e+04	1.675e+05	8.612e+04	3.273e+04
		555	6.55	7.63	4.50	7.30	4.83	0.96	1.991e+05	7.413e+04	1.839e+05	8.939e+04	4.092e+04

		560	6.42	7.51	3.87	7.23	4.15	0.96	1.928e+05	6.061e+04	1.821e+05	7.126e+04	3.598e+04
509	11	537	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	209.66
		532	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	169.34
		555	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	-169.35
		560	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	-209.66
510	1	532	50.65	86.54	-642.05	-485.49	-70.03	-299.27	1.517e+06	7.548e+05	1.417e+06	8.549e+05	2.574e+05
		533	51.95	155.86	-606.67	-461.63	10.82	-299.27	1.559e+06	7.975e+05	1.436e+06	9.206e+05	2.804e+05
		556	55.25	194.01	-519.93	-357.56	31.63	-299.27	1.665e+06	7.926e+05	1.520e+06	9.374e+05	3.245e+05
		555	54.46	133.50	-544.92	-365.40	-46.01	-299.27	1.638e+06	7.498e+05	1.514e+06	8.742e+05	3.083e+05
510	5	532	33.62	57.69	-428.04	-323.66	-46.69	-199.51	1.007e+06	4.985e+05	9.402e+05	5.652e+05	1.716e+05
		533	34.49	103.91	-404.45	-307.75	7.21	-199.51	1.035e+06	5.271e+05	9.531e+05	6.090e+05	1.869e+05
		556	36.69	129.34	-346.62	-238.37	21.09	-199.51	1.105e+06	5.238e+05	1.009e+06	6.202e+05	2.163e+05
		555	36.17	89.00	-363.28	-243.60	-30.68	-199.51	1.088e+06	4.952e+05	1.005e+06	5.781e+05	2.055e+05
510	8	532	5.90	11.54	-85.61	-64.73	-9.34	-39.90	1.746e+05	7.160e+04	1.616e+05	8.459e+04	3.418e+04
		533	6.06	20.78	-80.89	-61.55	1.44	-39.90	1.803e+05	7.765e+04	1.642e+05	9.369e+04	3.727e+04
		556	6.53	25.87	-69.32	-47.67	4.22	-39.90	1.945e+05	7.683e+04	1.754e+05	9.593e+04	4.338e+04
		555	6.44	17.80	-72.66	-48.72	-6.14	-39.90	1.909e+05	7.077e+04	1.745e+05	8.717e+04	4.124e+04
510	11	532	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.32
		533	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.54
		556	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.53
		555	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.31
511	1	533	51.27	93.38	-513.11	-424.75	5.02	-213.96	1.172e+06	4.923e+05	1.034e+06	6.304e+05	2.734e+05
		538	51.57	134.78	-495.05	-411.21	50.93	-213.96	1.180e+06	4.994e+05	1.037e+06	6.426e+05	2.774e+05
		561	52.24	151.87	-446.68	-356.65	61.84	-213.96	1.198e+06	4.982e+05	1.051e+06	6.453e+05	2.850e+05
		556	52.05	114.09	-457.45	-361.11	17.75	-213.96	1.192e+06	4.910e+05	1.049e+06	6.336e+05	2.822e+05
511	5	533	34.07	62.25	-342.07	-283.17	3.35	-142.64	7.784e+05	3.253e+05	6.865e+05	4.172e+05	1.822e+05
		538	34.27	89.85	-330.04	-274.14	33.96	-142.64	7.841e+05	3.300e+05	6.888e+05	4.254e+05	1.849e+05
		561	34.72	101.24	-297.79	-237.77	41.23	-142.64	7.958e+05	3.292e+05	6.978e+05	4.272e+05	1.900e+05
		556	34.60	76.06	-304.96	-240.74	11.83	-142.64	7.920e+05	3.243e+05	6.970e+05	4.193e+05	1.882e+05
511	8	533	6.20	12.45	-68.41	-56.63	0.67	-28.53	1.392e+05	4.727e+04	1.215e+05	6.499e+04	3.627e+04
		538	6.24	17.97	-66.01	-54.83	6.79	-28.53	1.406e+05	4.863e+04	1.221e+05	6.711e+04	3.684e+04
		561	6.35	20.25	-59.56	-47.55	8.25	-28.53	1.431e+05	4.822e+04	1.239e+05	6.747e+04	3.815e+04
		556	6.32	15.21	-60.99	-48.15	2.37	-28.53	1.422e+05	4.680e+04	1.236e+05	6.541e+04	3.781e+04
511	11	533	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		538	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
		561	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		556	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
512	1	538	43.52	105.07	-411.18	-360.00	53.90	-154.28	8.955e+05	3.527e+05	7.305e+05	5.177e+05	2.497e+05
		539	42.86	122.29	-404.47	-354.55	72.37	-154.28	8.815e+05	3.455e+05	7.256e+05	5.015e+05	2.435e+05
		562	41.32	129.42	-380.86	-328.93	77.50	-154.28	8.520e+05	3.454e+05	7.008e+05	4.966e+05	2.318e+05
		561	41.77	113.35	-384.33	-330.73	59.75	-154.28	8.619e+05	3.524e+05	7.022e+05	5.120e+05	2.363e+05
512	5	538	28.94	70.05	-274.12	-240.00	35.93	-102.85	5.953e+05	2.332e+05	4.857e+05	3.428e+05	1.664e+05
		539	28.51	81.53	-269.64	-236.37	48.25	-102.85	5.861e+05	2.285e+05	4.825e+05	3.321e+05	1.622e+05
		562	27.49	86.28	-253.91	-219.29	51.66	-102.85	5.665e+05	2.283e+05	4.660e+05	3.288e+05	1.546e+05
		561	27.78	75.57	-256.22	-220.49	39.83	-102.85	5.730e+05	2.328e+05	4.669e+05	3.390e+05	1.576e+05
512	8	538	5.40	14.01	-54.82	-48.00	7.19	-20.57	1.092e+05	3.466e+04	8.947e+04	5.434e+04	3.284e+04
		539	5.34	16.31	-53.93	-47.27	9.65	-20.57	1.079e+05	3.440e+04	8.902e+04	5.324e+04	3.207e+04
		562	5.17	17.26	-50.78	-43.86	10.33	-20.57	1.046e+05	3.374e+04	8.572e+04	5.258e+04	3.129e+04
		561	5.21	15.11	-51.24	-44.10	7.97	-20.57	1.054e+05	3.388e+04	8.570e+04	5.359e+04	3.195e+04
512	11	538	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	-537.94
		539	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.51	-1.648e+04	-470.70
		562	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	470.70
		561	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	537.94
513	1	539	36.59	107.28	-337.17	-304.46	74.57	-116.05	6.726e+05	2.428e+05	5.104e+05	4.051e+05	2.084e+05
		540	35.51	113.51	-334.90	-302.52	81.14	-116.05	6.517e+05	2.341e+05	5.035e+05	3.823e+05	1.998e+05
		563	32.89	116.20	-325.10	-292.12	83.22	-116.05	6.062e+05	2.330e+05	4.646e+05	3.746e+05	1.811e+05
		562	33.69	110.32	-326.17	-292.75	76.91	-116.05	6.220e+05	2.410e+05	4.667e+05	3.963e+05	1.873e+05
513	5	539	24.35	71.52	-224.78	-202.98	49.71	-77.37	4.474e+05	1.607e+05	3.398e+05	2.683e+05	1.388e+05
		540	23.63	75.67	-223.27	-201.68	54.09	-77.37	4.336e+05	1.550e+05	3.353e+05	2.533e+05	1.331e+05
		563	21.90	77.47	-216.73	-194.74	55.48	-77.37	4.034e+05	1.542e+05	3.094e+05	2.481e+05	1.208e+05
		562	22.43	73.55	-217.45	-195.17	51.27	-77.37	4.138e+05	1.593e+05	3.107e+05	2.625e+05	1.249e+05
513	8	539	4.64	14.30	-44.96	-40.60	9.94	-15.47	8.369e+04	2.487e+04	6.536e+04	4.320e+04	2.725e+04
		540	4.53	15.13	-44.65	-40.34	10.82	-15.47	8.164e+04	2.432e+04	6.467e+04	4.129e+04	2.617e+04
		563	4.22	15.49	-43.35	-38.95	11.10	-15.47	7.630e+04	2.345e+04	5.949e+04	4.026e+04	2.462e+04
		562	4.30	14.71	-43.49	-39.03	10.25	-15.47	7.774e+04	2.382e+04	5.953e+04	4.203e+04	2.550e+04
513	11	539	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.41
		540	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.48
		563	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		562	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.42
514	1	540	30.65	104.36	-281.18	-258.70	81.87	-90.35	4.988e+05	1.612e+05	3.529e+05	3.071e+05	1.672e+05
		541	29.42	105.56	-280.76	-258.33	83.13	-90.35	4.776e+05	1.538e+05	3.463e+05	2.852e+05	1.590e+05
		564	26.33	106.11	-278.63	-256.09	83.58	-90.35	4.299e+05	1.512e+05	3.044e+05	2.768e+05	1.387e+05
		563	27.29	104.97	-278.81	-256.21	82.37	-90.35	4.467e+05	1.574e+05	3.063e+05	2.978e+05	1.446e+05
514	5	540	20.41	69.57	-187.46	-172.47	54.58	-60.23	3.319e+05	1.069e+05	2.353e+05	2.035e+05	1.114e+05
		541	19.59	70.37	-187.17	-172.22	55.42	-60.23	3.180e+05	1.020e+05	2.310e+05	1.891e+05	1.059e+05
		564	17.54	70.74	-185.75	-170.72	55.72	-60.23	2.863e+05	1.002e+05	2.030e+05	1.835e+05	9.252e+04
		563	18.17	69.98	-185.87	-170.81	54.91	-60.23	2.974e+05	1.042e+05	2.043e+05	1.973e+05	9.650e+04

514	8	540	3.96	13.91	-37.49	-34.49	10.92	-12.05	6.330e+04	1.753e+04	4.751e+04	3.332e+04	2.176e+04
		541	3.83	14.07	-37.43	-34.44	11.08	-12.05	6.123e+04	1.701e+04	4.683e+04	3.141e+04	2.072e+04
		564	3.47	14.15	-37.15	-34.14	11.14	-12.05	5.551e+04	1.602e+04	4.124e+04	3.029e+04	1.897e+04
		563	3.56	14.00	-37.17	-34.16	10.98	-12.05	5.703e+04	1.635e+04	4.130e+04	3.208e+04	1.981e+04
514	11	540	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.54	-644.37
		541	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.94
		564	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		563	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	644.37
515	1	541	25.42	98.93	-236.27	-220.07	82.73	-71.88	3.625e+05	1.019e+05	2.374e+05	2.269e+05	1.302e+05
		542	24.17	97.86	-236.63	-220.40	81.63	-71.88	3.437e+05	9.618e+04	2.317e+05	2.081e+05	1.232e+05
		565	20.93	97.34	-238.74	-222.59	81.19	-71.88	2.999e+05	9.212e+04	1.918e+05	2.001e+05	1.038e+05
		564	21.95	98.36	-238.59	-222.49	82.25	-71.88	3.154e+05	9.628e+04	1.935e+05	2.182e+05	1.089e+05
515	5	541	16.93	65.95	-157.51	-146.71	55.16	-47.92	2.414e+05	6.772e+04	1.586e+05	1.505e+05	8.673e+04
		542	16.11	65.24	-157.76	-146.93	54.42	-47.92	2.289e+05	6.398e+04	1.549e+05	1.381e+05	8.205e+04
		565	13.95	64.89	-159.16	-148.40	54.12	-47.92	1.998e+05	6.121e+04	1.283e+05	1.327e+05	6.926e+04
		564	14.63	65.57	-159.06	-148.32	54.83	-47.92	2.101e+05	6.393e+04	1.294e+05	1.446e+05	7.266e+04
515	8	541	3.33	13.19	-31.50	-29.34	11.03	-9.58	4.693e+04	1.205e+04	3.388e+04	2.509e+04	1.688e+04
		542	3.21	13.05	-31.55	-29.39	10.88	-9.58	4.509e+04	1.163e+04	3.329e+04	2.343e+04	1.598e+04
		565	2.82	12.98	-31.83	-29.68	10.82	-9.58	3.972e+04	1.062e+04	2.798e+04	2.236e+04	1.428e+04
		564	2.92	13.11	-31.81	-29.66	10.97	-9.58	4.112e+04	1.084e+04	2.803e+04	2.392e+04	1.500e+04
515	11	541	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	-589.07
		542	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		565	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		564	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.13	589.07
516	1	542	20.75	92.44	-198.49	-186.50	80.45	-57.83	2.563e+05	5.964e+04	1.522e+05	1.638e+05	9.817e+04
		543	19.55	90.43	-199.17	-187.12	78.37	-57.83	2.406e+05	5.559e+04	1.476e+05	1.486e+05	9.250e+04
		566	16.41	89.37	-203.54	-191.63	77.47	-57.83	2.036e+05	5.018e+04	1.122e+05	1.415e+05	7.527e+04
		565	17.44	91.29	-203.26	-191.43	79.46	-57.83	2.170e+05	5.266e+04	1.136e+05	1.561e+05	7.938e+04
516	5	542	13.82	61.63	-132.33	-124.34	53.63	-38.56	1.708e+05	3.984e+04	1.020e+05	1.086e+05	6.538e+04
		543	13.03	60.28	-132.78	-124.74	52.25	-38.56	1.604e+05	3.717e+04	9.893e+04	9.862e+04	6.161e+04
		566	10.95	59.58	-135.69	-127.76	51.65	-38.56	1.357e+05	3.352e+04	7.533e+04	9.391e+04	5.025e+04
		565	11.62	60.86	-135.51	-127.62	52.98	-38.56	1.446e+05	3.515e+04	7.622e+04	1.035e+05	5.299e+04
516	8	542	2.75	12.33	-26.47	-24.87	10.73	-7.71	3.382e+04	8017.50	2.335e+04	1.849e+04	1.267e+04
		543	2.63	12.06	-26.56	-24.95	10.45	-7.71	3.229e+04	7711.06	2.287e+04	1.713e+04	1.195e+04
		566	2.25	11.92	-27.14	-25.55	10.33	-7.71	2.764e+04	6698.36	1.815e+04	1.619e+04	1.042e+04
		565	2.35	12.17	-27.10	-25.52	10.60	-7.71	2.884e+04	6816.97	1.820e+04	1.746e+04	1.101e+04
516	11	542	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.92
		543	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
		566	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	467.43
		565	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.93
517	1	543	16.83	85.42	-167.53	-158.41	76.30	-47.15	1.772e+05	3.008e+04	9.238e+04	1.149e+05	7.269e+04
		544	15.70	83.12	-168.29	-159.11	73.94	-47.15	1.645e+05	2.727e+04	8.879e+04	1.030e+05	6.826e+04
		567	12.81	81.84	-173.73	-164.71	72.82	-47.15	1.346e+05	2.090e+04	5.857e+04	9.696e+04	5.352e+04
		566	13.82	84.03	-173.43	-164.49	75.09	-47.15	1.457e+05	2.226e+04	5.964e+04	1.084e+05	5.673e+04
517	5	543	11.21	56.95	-111.69	-105.61	50.87	-31.43	1.181e+05	2.028e+04	6.211e+04	7.628e+04	4.841e+04
		544	10.47	55.41	-112.19	-106.07	49.30	-31.43	1.097e+05	1.842e+04	5.974e+04	6.842e+04	4.545e+04
		567	8.54	54.56	-115.82	-109.81	48.55	-31.43	8.982e+04	1.417e+04	3.959e+04	6.440e+04	3.573e+04
		566	9.21	56.02	-115.62	-109.66	50.06	-31.43	9.715e+04	1.506e+04	4.029e+04	7.192e+04	3.788e+04
517	8	543	2.25	11.39	-22.34	-21.12	10.17	-6.29	2.386e+04	5031.79	1.560e+04	1.329e+04	9342.70
		544	2.14	11.08	-22.44	-21.21	9.86	-6.29	2.263e+04	4813.17	1.523e+04	1.221e+04	8777.75
		567	1.78	10.91	-23.16	-21.96	9.71	-6.29	1.876e+04	3841.69	1.120e+04	1.141e+04	7459.45
		566	1.87	11.20	-23.12	-21.93	10.01	-6.29	1.976e+04	3890.50	1.124e+04	1.242e+04	7914.55
517	11	543	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.52
		544	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.94
		567	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.93
		566	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.34	3981.23	-2452.59	423.51
518	1	544	13.51	78.31	-141.19	-134.17	71.28	-38.64	1.187e+05	1.013e+04	5.071e+04	7.810e+04	5.252e+04
		545	12.48	76.04	-141.93	-134.85	68.96	-38.64	1.087e+05	8238.49	4.797e+04	6.899e+04	4.913e+04
		568	10.02	74.69	-147.75	-140.82	67.77	-38.64	8.573e+04	1250.78	2.298e+04	6.400e+04	3.692e+04
		567	11.06	76.86	-147.47	-140.60	70.00	-38.64	9.461e+04	1906.97	2.380e+04	7.272e+04	3.938e+04
518	5	544	9.00	52.21	-94.13	-89.44	47.52	-25.76	7.915e+04	7045.35	3.431e+04	5.188e+04	3.497e+04
		545	8.32	50.69	-94.62	-89.90	45.97	-25.76	7.257e+04	5798.52	3.250e+04	4.588e+04	3.271e+04
		568	6.67	49.80	-98.50	-93.88	45.18	-25.76	5.723e+04	1150.18	1.584e+04	4.254e+04	2.466e+04
		567	7.36	51.24	-98.31	-93.73	46.66	-25.76	6.310e+04	1575.48	1.637e+04	4.830e+04	2.630e+04
518	8	544	1.81	10.44	-18.83	-17.89	9.50	-5.15	1.632e+04	2863.87	9897.24	9287.98	6721.84
		545	1.71	10.14	-18.92	-17.98	9.19	-5.15	1.535e+04	2714.60	9607.52	8454.40	6290.00
		568	1.38	9.96	-19.70	-18.78	9.04	-5.15	1.227e+04	1793.56	6276.17	7788.14	5183.76
		567	1.47	10.25	-19.66	-18.75	9.33	-5.15	1.308e+04	1795.20	6309.64	8570.46	5530.51
518	11	544	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		545	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
		568	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	315.18
		567	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
519	1	545	10.72	71.37	-117.94	-112.52	65.95	-31.57	7.628e+04	-2302.14	2.272e+04	5.125e+04	3.661e+04
		546	9.80	69.29	-118.61	-113.15	63.83	-31.57	6.871e+04	-3522.97	2.069e+04	4.450e+04	3.410e+04
		569	8.26	67.98	-124.37	-119.04	62.65	-31.57	5.208e+04	-1.078e+04	778.08	4.052e+04	2.435e+04
		568	9.18	69.97	-124.11	-118.83	64.69	-31.57	5.889e+04	-1.052e+04	1388.67	4.698e+04	2.617e+04
519	5	545	7.14	47.58	-78.63	-75.01	43.97	-21.04	5.090e+04	-1229.68	1.559e+04	3.408e+04	2.437e+04

		546	6.53	46.19	-79.07	-75.43	42.55	-21.04	4.590e+04	-2033.52	1.424e+04	2.962e+04	2.270e+04
		569	5.48	45.32	-82.91	-79.36	41.76	-21.04	3.479e+04	-6855.32	969.79	2.697e+04	1.627e+04
		568	6.09	46.64	-82.74	-79.22	43.13	-21.04	3.929e+04	-6688.51	1368.03	3.124e+04	1.748e+04
519	8	545	1.42	9.52	-15.73	-15.00	8.79	-4.21	1.070e+04	1356.76	5767.83	6290.30	4664.99
		546	1.33	9.24	-15.81	-15.09	8.51	-4.21	9952.85	1262.29	5551.48	5663.67	4344.92
		569	1.04	9.06	-16.58	-15.87	8.35	-4.21	7640.31	389.13	2896.72	5132.72	3448.91
		568	1.13	9.33	-16.55	-15.84	8.63	-4.21	8282.74	362.12	2923.44	5721.42	3704.98
519	11	545	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		546	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.95
		569	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95
		568	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
520	1	546	8.71	64.54	-98.31	-94.10	60.33	-25.84	4.700e+04	-9466.68	5515.74	3.202e+04	2.493e+04
		547	7.88	62.70	-98.89	-94.65	58.46	-25.84	4.140e+04	-1.026e+04	4036.28	2.710e+04	2.311e+04
		570	7.17	61.48	-104.34	-100.21	57.35	-25.84	2.982e+04	-1.728e+04	-1.146e+04	2.400e+04	1.550e+04
		569	7.94	63.23	-104.11	-100.02	59.14	-25.84	3.488e+04	-1.718e+04	-1.102e+04	2.871e+04	1.682e+04
520	5	546	5.79	43.03	-65.54	-62.73	40.22	-17.23	3.139e+04	-6028.31	4042.36	2.132e+04	1.659e+04
		547	5.23	41.80	-65.93	-63.10	38.97	-17.23	2.768e+04	-6547.68	3062.22	1.807e+04	1.538e+04
		570	4.75	40.98	-69.56	-66.80	38.23	-17.23	1.995e+04	-1.121e+04	-7271.23	1.600e+04	1.036e+04
		569	5.26	42.16	-69.41	-66.68	39.43	-17.23	2.329e+04	-1.115e+04	-6979.98	1.911e+04	1.124e+04
520	8	546	1.11	8.61	-13.11	-12.55	8.04	-3.45	6751.94	332.13	2997.05	4087.02	3163.30
		547	1.02	8.36	-13.19	-12.62	7.79	-3.45	6186.52	273.77	2837.97	3622.31	2930.25
		570	0.81	8.20	-13.91	-13.36	7.65	-3.45	4520.84	-540.58	771.28	3208.97	2217.86
		569	0.89	8.43	-13.88	-13.34	7.89	-3.45	5014.37	-575.66	792.58	3646.12	2403.42
520	11	546	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	-194.64
		547	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		570	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		569	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.65
521	1	547	7.24	57.99	-80.65	-77.42	54.76	-20.91	2.729e+04	-1.242e+04	-4050.98	1.893e+04	1.619e+04
		548	6.56	56.42	-81.14	-77.89	53.16	-20.91	2.332e+04	-1.292e+04	-5086.80	1.548e+04	1.492e+04
		571	6.55	55.32	-86.10	-82.94	52.15	-20.91	1.580e+04	-1.927e+04	-1.664e+04	1.317e+04	9230.96
		570	7.15	56.82	-85.92	-82.79	53.69	-20.91	1.936e+04	-1.921e+04	-1.633e+04	1.647e+04	1.015e+04
521	5	547	4.79	38.66	-53.76	-51.61	36.51	-13.94	1.824e+04	-8040.15	-2419.93	1.262e+04	1.078e+04
		548	4.34	37.61	-54.10	-51.92	35.44	-13.94	1.561e+04	-8371.90	-3106.37	1.034e+04	9926.99
		571	4.33	36.88	-57.40	-55.29	34.77	-13.94	1.058e+04	-1.259e+04	-1.081e+04	8802.76	6171.26
		570	4.73	37.88	-57.28	-55.19	35.79	-13.94	1.294e+04	-1.256e+04	-1.060e+04	1.098e+04	6785.21
521	8	547	0.84	7.73	-10.75	-10.32	7.30	-2.79	4016.51	-285.39	1198.60	2532.52	2044.93
		548	0.76	7.52	-10.82	-10.38	7.09	-2.79	3605.52	-319.35	1085.93	2200.25	1881.68
		571	0.67	7.38	-11.48	-11.06	6.95	-2.79	2498.38	-1060.77	-454.54	1892.15	1337.97
		570	0.75	7.58	-11.46	-11.04	7.16	-2.79	2858.25	-1091.22	-438.15	2205.17	1467.24
521	11	547	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		548	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		571	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		570	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
522	1	548	6.19	51.60	-65.57	-63.10	49.13	-16.82	1.473e+04	-1.275e+04	-8298.02	1.028e+04	1.013e+04
		549	5.68	50.29	-65.98	-63.49	47.80	-16.82	1.201e+04	-1.308e+04	-9003.00	7929.27	9261.49
		572	6.20	49.32	-70.38	-67.97	46.90	-16.82	7334.96	-1.841e+04	-1.734e+04	6262.08	5145.12
		571	6.64	50.57	-70.23	-67.84	48.18	-16.82	9750.45	-1.836e+04	-1.712e+04	8512.08	5768.96
522	5	548	4.10	34.40	-43.71	-42.07	32.75	-11.22	9858.18	-8318.06	-5327.24	6867.35	6739.21
		549	3.75	33.53	-43.99	-42.33	31.87	-11.22	8056.85	-8536.36	-5794.60	5315.09	6162.58
		572	4.09	32.88	-46.92	-45.31	31.27	-11.22	4931.15	-1.208e+04	-1.135e+04	4203.63	3441.83
		571	4.38	33.71	-46.82	-45.23	32.12	-11.22	6529.66	-1.205e+04	-1.121e+04	5690.51	3858.42
522	8	548	0.66	6.88	-8.74	-8.41	6.55	-2.24	2245.25	-616.07	162.10	1467.08	1273.20
		549	0.60	6.71	-8.80	-8.47	6.37	-2.24	1956.59	-636.85	84.37	1235.37	1162.02
		572	0.60	6.58	-9.38	-9.06	6.25	-2.24	1264.39	-1278.40	-1027.09	1013.08	758.86
		571	0.66	6.74	-9.36	-9.05	6.42	-2.24	1514.86	-1297.90	-1014.75	1231.71	846.33
522	11	548	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		549	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		572	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		571	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
523	1	549	5.42	45.42	-52.22	-50.37	43.57	-13.29	7161.79	-1.128e+04	-9073.11	4954.35	5986.45
		550	5.06	44.35	-52.55	-50.69	42.49	-13.29	5396.91	-1.150e+04	-9531.45	3425.75	5424.60
		573	5.90	43.52	-56.36	-54.55	41.72	-13.29	2654.77	-1.563e+04	-1.525e+04	2281.09	2586.95
		572	6.20	44.54	-56.23	-54.45	42.76	-13.29	4209.12	-1.558e+04	-1.511e+04	3746.11	2991.15
523	5	549	3.58	30.28	-34.81	-33.58	29.05	-8.86	4802.92	-7390.61	-5909.65	3321.97	3983.06
		550	3.34	29.57	-35.03	-33.79	28.33	-8.86	3633.44	-7536.29	-6213.64	2310.79	3608.91
		573	3.89	29.01	-37.57	-36.37	27.81	-8.86	1801.29	-1.028e+04	-1.003e+04	1547.69	1732.12
		572	4.10	29.70	-37.49	-36.30	28.51	-8.86	2830.39	-1.025e+04	-9937.14	2516.47	2002.00
523	8	549	0.55	6.06	-6.96	-6.72	5.81	-1.77	1152.17	-722.22	-348.07	778.02	749.20
		550	0.50	5.91	-7.01	-6.76	5.67	-1.77	960.16	-736.38	-399.39	623.17	676.87
		573	0.57	5.80	-7.51	-7.27	5.56	-1.77	559.49	-1251.43	-1162.49	470.55	391.34
		572	0.61	5.94	-7.50	-7.26	5.70	-1.77	723.74	-1260.39	-1153.57	616.92	447.81
523	11	549	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		550	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		573	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		572	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
524	1	550	4.72	39.49	-39.97	-38.66	38.18	-10.13	3012.57	-8658.90	-7670.34	2024.01	3249.72
		551	4.48	38.64	-40.24	-38.91	37.32	-10.13	1957.71	-8802.70	-7946.51	1101.52	2912.03

		574	5.41	37.96	-43.42	-42.13	36.67	-10.13	476.98	-1.168e+04	-1.158e+04	375.81	1104.24
		573	5.62	38.77	-43.32	-42.05	37.50	-10.13	1400.81	-1.163e+04	-1.149e+04	1260.11	1346.79
524	5	550	3.12	26.33	-26.65	-25.77	25.45	-6.76	2027.93	-5690.93	-5028.56	1365.55	2161.95
		551	2.96	25.76	-26.82	-25.94	24.88	-6.76	1328.55	-5785.50	-5211.81	754.86	1937.05
		574	3.58	25.30	-28.94	-28.09	24.45	-6.76	339.84	-7699.63	-7630.84	271.05	740.46
		573	3.71	25.84	-28.88	-28.03	25.00	-6.76	951.78	-7670.41	-7574.91	856.28	902.39
524	8	550	0.47	5.27	-5.33	-5.15	5.09	-1.35	529.94	-656.05	-496.01	369.89	405.21
		551	0.44	5.15	-5.36	-5.19	4.98	-1.35	412.64	-666.57	-527.50	273.56	361.59
		574	0.54	5.06	-5.79	-5.62	4.89	-1.35	201.74	-1036.24	-1011.30	176.80	173.91
		573	0.57	5.17	-5.78	-5.61	5.00	-1.35	301.05	-1038.29	-1005.28	268.04	207.66
524	11	550	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		551	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		574	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		573	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
525	1	551	4.02	33.69	-29.36	-28.47	32.80	-7.44	976.22	-5890.41	-5486.29	572.10	1616.05
		552	3.88	33.04	-29.56	-28.67	32.15	-7.44	395.86	-5978.15	-5640.00	57.71	1428.65
		575	4.76	32.50	-32.13	-31.26	31.63	-7.44	-347.67	-7776.17	-7757.95	-365.88	367.41
		574	4.89	33.12	-32.06	-31.20	32.26	-7.44	159.33	-7742.13	-7710.14	127.33	501.75
525	5	551	2.66	22.46	-19.58	-18.98	21.87	-4.96	663.17	-3881.40	-3611.00	392.77	1075.05
		552	2.56	22.03	-19.71	-19.11	21.43	-4.96	278.16	-3939.28	-3713.06	51.93	950.23
		575	3.15	21.66	-21.42	-20.84	21.09	-4.96	-218.01	-5137.47	-5125.02	-230.46	247.14
		574	3.24	22.08	-21.37	-20.80	21.51	-4.96	118.03	-5115.33	-5093.57	96.26	336.81
525	8	551	0.41	4.49	-3.92	-3.80	4.37	-0.99	208.56	-505.23	-443.17	146.50	201.12
		552	0.39	4.41	-3.94	-3.82	4.29	-0.99	142.68	-512.84	-461.06	90.90	176.81
		575	0.50	4.33	-4.28	-4.17	4.22	-0.99	39.44	-748.47	-743.46	34.42	62.66
		574	0.52	4.42	-4.27	-4.16	4.30	-0.99	95.11	-747.59	-739.68	87.20	81.26
525	11	551	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		552	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	-16.53
		575	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.98	16.53
		574	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
526	1	552	3.16	28.07	-19.76	-19.22	27.54	-5.02	183.08	-3311.68	-3169.11	40.50	691.33
		553	3.08	27.60	-19.90	-19.37	27.06	-5.02	-90.99	-3357.62	-3242.60	-206.02	602.08
		576	3.79	27.19	-21.87	-21.35	26.67	-5.02	-416.42	-4301.75	-4300.56	-417.61	67.98
		575	3.87	27.64	-21.82	-21.30	27.12	-5.02	-176.93	-4281.69	-4277.45	-181.17	131.80
526	5	552	2.09	18.72	-13.17	-12.82	18.36	-3.35	128.73	-2187.22	-2091.96	33.47	459.94
		553	2.04	18.40	-13.27	-12.91	18.04	-3.35	-53.23	-2217.62	-2140.79	-130.06	400.49
		576	2.51	18.12	-14.58	-14.23	17.78	-3.35	-270.30	-2846.93	-2846.10	-271.12	46.22
		575	2.57	18.43	-14.54	-14.20	18.08	-3.35	-111.41	-2833.76	-2830.86	-114.31	88.81
526	8	552	0.34	3.74	-2.63	-2.56	3.67	-0.67	66.08	-314.45	-293.74	45.37	86.33
		553	0.33	3.68	-2.65	-2.58	3.61	-0.67	34.12	-319.10	-302.52	17.54	74.69
		576	0.42	3.62	-2.92	-2.85	3.56	-0.67	-10.17	-444.08	-443.59	-10.67	14.65
		575	0.43	3.69	-2.91	-2.84	3.62	-0.67	17.01	-442.71	-441.52	15.81	23.42
526	11	552	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		553	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		576	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		575	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
527	1	553	2.09	22.60	-11.11	-10.87	22.36	-2.87	-0.75	-1357.58	-1315.89	-42.44	234.15
		554	2.04	22.29	-11.21	-10.96	22.04	-2.87	-99.94	-1375.46	-1342.70	-132.70	201.78
		577	2.50	22.00	-12.59	-12.35	21.76	-2.87	-212.98	-1744.12	-1744.12	-212.99	-3.14
		576	2.55	22.31	-12.56	-12.32	22.07	-2.87	-126.13	-1735.80	-1735.55	-126.37	19.93
527	5	553	1.39	15.07	-7.41	-7.24	14.91	-1.91	2.35	-898.66	-870.83	-25.47	155.87
		554	1.36	14.86	-7.47	-7.31	14.69	-1.91	-63.59	-910.53	-888.67	-85.45	134.29
		577	1.66	14.67	-8.39	-8.23	14.51	-1.91	-138.97	-1156.28	-1156.28	-138.97	-1.86
		576	1.69	14.87	-8.37	-8.21	14.71	-1.91	-81.25	-1150.78	-1150.61	-81.42	13.52
527	8	553	0.24	3.01	-1.48	-1.45	2.98	-0.38	17.57	-141.37	-135.60	11.80	29.75
		554	0.23	2.97	-1.49	-1.46	2.94	-0.38	5.48	-143.43	-138.93	0.98	25.49
		577	0.29	2.93	-1.68	-1.65	2.90	-0.38	-9.72	-192.45	-192.45	-9.73	0.99
		576	0.30	2.97	-1.67	-1.64	2.94	-0.38	0.69	-191.64	-191.55	0.60	4.13
527	11	553	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		554	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		577	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		576	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
528	1	554	0.97	17.31	-3.30	-3.26	17.27	-0.91	8.00	-287.10	-278.49	-0.61	49.66
		46	0.94	17.13	-3.35	-3.31	17.09	-0.91	-12.25	-290.80	-283.95	-19.10	43.15
		47	1.11	16.96	-4.18	-4.14	16.92	-0.91	-35.95	-368.20	-368.20	-35.95	-0.77
		577	1.14	17.14	-4.16	-4.12	17.10	-0.91	-18.15	-366.44	-366.40	-18.19	3.84
528	5	554	0.65	11.54	-2.20	-2.17	11.51	-0.61	6.22	-190.48	-184.74	0.48	33.11
		46	0.63	11.42	-2.23	-2.21	11.39	-0.61	-7.28	-192.95	-188.38	-11.85	28.76
		47	0.74	11.31	-2.79	-2.76	11.28	-0.61	-23.08	-244.55	-244.55	-23.09	-0.51
		577	0.76	11.43	-2.77	-2.75	11.40	-0.61	-11.22	-243.38	-243.35	-11.25	2.56
528	8	554	0.13	2.31	-0.44	-0.43	2.30	-0.12	6.51	-32.59	-31.44	5.36	6.61
		46	0.12	2.28	-0.45	-0.44	2.28	-0.12	3.82	-33.08	-32.17	2.91	5.74
		47	0.14	2.26	-0.56	-0.55	2.26	-0.12	0.66	-43.40	-43.40	0.66	-0.09
		577	0.15	2.29	-0.55	-0.55	2.28	-0.12	3.03	-43.17	-43.16	3.02	0.53
528	11	554	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		46	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		47	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02

		577	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
529	1	1	7.89	9.56	6.06	8.95	6.67	1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	4.214e+04
		557	7.89	9.56	6.06	8.95	6.67	1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	4.214e+04
		74	7.89	9.56	6.06	8.95	6.67	1.33	2.336e+05	6.084e+04	2.226e+05	7.182e+04	4.214e+04
529	5	1	5.14	6.37	4.04	5.97	4.45	0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	2.810e+04
		557	5.14	6.37	4.04	5.97	4.45	0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	2.810e+04
		74	5.14	6.37	4.04	5.97	4.45	0.89	1.512e+05	3.609e+04	1.439e+05	4.341e+04	2.810e+04
529	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		557	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		74	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
529	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		557	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
		74	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	-8.12e-05
530	1	557	19.15	20.72	9.63	20.50	9.85	1.54	5.715e+05	1.645e+05	5.707e+05	1.653e+05	1.778e+04
		558	20.45	22.56	16.08	22.17	16.47	1.54	6.278e+05	3.348e+05	6.163e+05	3.463e+05	5.693e+04
		75	21.49	23.38	16.29	23.02	16.64	1.54	6.602e+05	3.305e+05	6.398e+05	3.510e+05	7.956e+04
		74	20.95	22.27	9.97	22.07	10.16	1.54	6.216e+05	1.661e+05	6.137e+05	1.739e+05	5.926e+04
530	5	557	12.64	13.81	6.42	13.67	6.57	1.03	3.764e+05	1.052e+05	3.759e+05	1.057e+05	1.186e+04
		558	13.48	15.04	10.72	14.78	10.98	1.03	4.140e+05	2.186e+05	4.063e+05	2.263e+05	3.796e+04
		75	14.18	15.58	10.86	15.35	11.10	1.03	4.356e+05	2.158e+05	4.219e+05	2.295e+05	5.304e+04
		74	13.85	14.84	6.65	14.71	6.78	1.03	4.098e+05	1.062e+05	4.046e+05	1.115e+05	3.950e+04
530	8	557	1.92	2.76	1.28	2.73	1.31	0.21	4.785e+04	-5965.31	4.775e+04	-5858.10	2399.66
		558	1.85	3.01	2.14	2.96	2.20	0.21	5.532e+04	1.647e+04	5.377e+04	1.802e+04	7607.16
		75	2.01	3.12	2.17	3.07	2.22	0.21	5.964e+04	1.591e+04	5.690e+04	1.865e+04	1.059e+04
		74	2.17	2.97	1.33	2.94	1.36	0.21	5.453e+04	-5756.08	5.349e+04	-4710.04	7872.03
530	11	557	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		558	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		75	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		74	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
531	1	558	31.08	33.45	18.14	32.99	18.60	2.62	9.513e+05	4.039e+05	9.452e+05	4.099e+05	5.730e+04
		559	32.64	35.18	24.04	34.52	24.70	2.62	1.002e+06	5.424e+05	9.832e+05	5.608e+05	8.998e+04
		76	34.22	36.56	24.39	35.97	24.99	2.62	1.051e+06	5.359e+05	1.019e+06	5.680e+05	1.246e+05
		75	33.35	35.51	18.60	35.09	19.02	2.62	1.017e+06	4.010e+05	9.975e+05	4.204e+05	1.076e+05
531	5	558	20.58	22.30	12.09	21.99	12.40	1.75	6.295e+05	2.647e+05	6.254e+05	2.687e+05	3.821e+04
		559	21.60	23.45	16.03	23.02	16.46	1.75	6.630e+05	3.570e+05	6.508e+05	3.692e+05	5.999e+04
		76	22.66	24.38	16.26	23.98	16.66	1.75	6.961e+05	3.526e+05	6.747e+05	3.740e+05	8.303e+04
		75	22.09	23.67	12.40	23.40	12.68	1.75	6.732e+05	2.627e+05	6.603e+05	2.757e+05	7.172e+04
531	8	558	3.30	4.46	2.42	4.40	2.48	0.35	9.754e+04	2.548e+04	9.671e+04	2.631e+04	7704.36
		559	3.41	4.69	3.21	4.60	3.29	0.35	1.042e+05	4.355e+04	1.017e+05	4.604e+04	1.204e+04
		76	3.64	4.88	3.25	4.80	3.33	0.35	1.108e+05	4.270e+04	1.065e+05	4.700e+04	1.656e+04
		75	3.62	4.73	2.48	4.68	2.54	0.35	1.063e+05	2.511e+04	1.037e+05	2.770e+04	1.428e+04
531	11	558	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		559	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		76	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17
		75	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
532	1	559	43.88	46.26	26.24	45.59	26.91	3.59	1.347e+06	6.226e+05	1.338e+06	6.319e+05	8.156e+04
		560	45.61	47.99	32.15	47.13	33.02	3.59	1.399e+06	7.673e+05	1.377e+06	7.892e+05	1.157e+05
		77	47.97	50.02	32.66	49.24	33.44	3.59	1.474e+06	7.582e+05	1.432e+06	8.002e+05	1.681e+05
		76	46.95	48.96	26.86	48.36	27.46	3.59	1.438e+06	6.177e+05	1.409e+06	6.463e+05	1.504e+05
532	5	559	29.10	30.84	17.50	30.40	17.94	2.40	8.929e+05	4.104e+05	8.867e+05	4.166e+05	5.439e+04
		560	30.24	31.99	21.44	31.42	22.01	2.40	9.278e+05	5.068e+05	9.131e+05	5.214e+05	7.712e+04
		77	31.82	33.34	21.77	32.83	22.29	2.40	9.775e+05	5.007e+05	9.495e+05	5.287e+05	1.121e+05
		76	31.15	32.64	17.91	32.24	18.31	2.40	9.535e+05	4.071e+05	9.345e+05	4.262e+05	1.002e+05
532	8	559	4.91	6.17	3.50	6.08	3.59	0.48	1.489e+05	5.398e+04	1.476e+05	5.527e+04	1.099e+04
		560	5.08	6.40	4.29	6.28	4.40	0.48	1.558e+05	7.273e+04	1.528e+05	7.573e+04	1.551e+04
		77	5.41	6.67	4.35	6.57	4.46	0.48	1.657e+05	7.155e+04	1.601e+05	7.719e+04	2.233e+04
		76	5.34	6.53	3.58	6.45	3.66	0.48	1.610e+05	5.335e+04	1.572e+05	5.718e+04	1.994e+04
532	11	559	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	135.75
		560	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	103.43
		77	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	-103.43
		76	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	-135.75
533	1	560	57.21	59.12	34.38	58.26	35.24	4.54	1.757e+06	8.524e+05	1.746e+06	8.635e+05	9.987e+04
		555	59.13	60.87	40.34	59.81	41.40	4.54	1.813e+06	1.009e+06	1.789e+06	1.033e+06	1.366e+05
		72	62.42	63.55	41.00	62.60	41.96	4.54	1.917e+06	9.972e+05	1.866e+06	1.048e+06	2.107e+05
		77	61.24	62.49	35.16	61.71	35.93	4.54	1.879e+06	8.458e+05	1.842e+06	8.826e+05	1.916e+05
533	5	560	37.97	39.41	22.92	38.84	23.50	3.03	1.166e+06	5.634e+05	1.159e+06	5.709e+05	6.661e+04
		555	39.25	40.58	26.89	39.87	27.60	3.03	1.203e+06	6.676e+05	1.187e+06	6.836e+05	9.108e+04
		72	41.44	42.37	27.33	41.73	27.97	3.03	1.273e+06	6.598e+05	1.239e+06	6.939e+05	1.404e+05
		77	40.67	41.66	23.44	41.14	23.96	3.03	1.247e+06	5.590e+05	1.223e+06	5.836e+05	1.277e+05
533	8	560	6.61	7.88	4.58	7.77	4.70	0.61	2.019e+05	8.373e+04	2.004e+05	8.529e+04	1.349e+04
		555	6.81	8.12	5.38	7.97	5.52	0.61	2.092e+05	1.039e+05	2.059e+05	1.072e+05	1.835e+04
		72	7.27	8.47	5.47	8.35	5.59	0.61	2.231e+05	1.024e+05	2.162e+05	1.093e+05	2.795e+04
		77	7.17	8.33	4.69	8.23	4.79	0.61	2.180e+05	8.290e+04	2.131e+05	8.784e+04	2.537e+04
533	11	560	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	209.66
		555	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	169.34
		72	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	-169.34
		77	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	-209.66

534	1	555	57.07	-7.76	-600.54	-533.18	-75.12	-188.13	1.714e+06	9.772e+05	1.683e+06	1.008e+06	1.482e+05
		556	58.10	78.36	-569.88	-509.69	18.18	-188.13	1.743e+06	1.043e+06	1.702e+06	1.084e+06	1.645e+05
		73	60.29	96.69	-509.70	-444.27	31.26	-188.13	1.819e+06	1.030e+06	1.755e+06	1.095e+06	2.158e+05
		72	59.59	14.87	-532.59	-457.70	-60.02	-188.13	1.799e+06	9.652e+05	1.744e+06	1.020e+06	2.074e+05
534	5	555	37.90	-5.17	-400.36	-355.46	-50.08	-125.42	1.138e+06	6.467e+05	1.118e+06	6.675e+05	9.877e+04
		556	38.58	52.24	-379.92	-339.80	12.12	-125.42	1.158e+06	6.907e+05	1.130e+06	7.180e+05	1.096e+05
		73	40.04	64.46	-339.80	-296.18	20.84	-125.42	1.208e+06	6.822e+05	1.165e+06	7.251e+05	1.439e+05
		72	39.58	9.92	-355.06	-305.13	-40.01	-125.42	1.195e+06	6.388e+05	1.158e+06	6.756e+05	1.383e+05
534	8	555	6.70	-1.03	-80.07	-71.09	-10.02	-25.08	2.011e+05	1.010e+05	1.971e+05	1.050e+05	1.962e+04
		556	6.82	10.45	-75.98	-67.96	2.42	-25.08	2.050e+05	1.102e+05	1.997e+05	1.155e+05	2.181e+04
		73	7.14	12.89	-67.96	-59.24	4.17	-25.08	2.152e+05	1.084e+05	2.067e+05	1.169e+05	2.889e+04
		72	7.06	1.98	-71.01	-61.03	-8.00	-25.08	2.125e+05	9.937e+04	2.052e+05	1.067e+05	2.779e+04
534	11	555	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.31
		556	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.54
		73	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.54
		72	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.31
535	1	556	55.02	43.95	-512.27	-477.58	9.26	-134.50	1.267e+06	6.853e+05	1.212e+06	7.399e+05	1.696e+05
		561	55.25	94.61	-496.61	-464.24	62.24	-134.50	1.273e+06	6.965e+05	1.216e+06	7.538e+05	1.724e+05
		78	55.70	103.04	-463.89	-429.95	69.09	-134.50	1.286e+06	6.936e+05	1.224e+06	7.555e+05	1.811e+05
		73	55.55	54.06	-474.37	-437.57	17.26	-134.50	1.282e+06	6.821e+05	1.222e+06	7.419e+05	1.797e+05
535	5	556	36.56	29.30	-341.51	-318.39	6.17	-89.67	8.418e+05	4.539e+05	8.054e+05	4.902e+05	1.130e+05
		561	36.71	63.07	-331.08	-309.50	41.49	-89.67	8.459e+05	4.614e+05	8.078e+05	4.995e+05	1.149e+05
		78	37.02	68.69	-309.26	-286.63	46.06	-89.67	8.546e+05	4.595e+05	8.134e+05	5.007e+05	1.208e+05
		73	36.92	36.04	-316.25	-291.72	11.51	-89.67	8.519e+05	4.517e+05	8.120e+05	4.915e+05	1.198e+05
535	8	556	6.63	5.86	-68.30	-63.68	1.23	-17.93	1.522e+05	7.267e+04	1.453e+05	7.959e+04	2.243e+04
		561	6.66	12.61	-66.22	-61.90	8.30	-17.93	1.532e+05	7.462e+04	1.459e+05	8.194e+04	2.284e+04
		78	6.74	13.74	-61.85	-57.33	9.21	-17.93	1.551e+05	7.406e+04	1.470e+05	8.216e+04	2.431e+04
		73	6.72	7.21	-63.25	-58.34	2.30	-17.93	1.544e+05	7.204e+04	1.466e+05	7.986e+04	2.414e+04
535	11	556	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		561	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
		78	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		73	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
536	1	561	44.65	83.34	-430.40	-411.39	64.33	-96.98	9.257e+05	5.246e+05	8.452e+05	6.051e+05	1.606e+05
		562	44.10	104.09	-424.46	-406.02	85.65	-96.98	9.147e+05	5.118e+05	8.403e+05	5.862e+05	1.563e+05
		79	43.01	107.77	-408.82	-389.92	88.87	-96.98	8.907e+05	5.171e+05	8.247e+05	5.831e+05	1.425e+05
		78	43.41	87.58	-412.56	-392.98	68.01	-96.98	8.981e+05	5.308e+05	8.274e+05	6.016e+05	1.449e+05
536	5	561	29.69	55.56	-286.93	-274.26	42.89	-64.66	6.156e+05	3.477e+05	5.622e+05	4.011e+05	1.070e+05
		562	29.33	69.39	-282.97	-270.68	57.10	-64.66	6.083e+05	3.393e+05	5.590e+05	3.886e+05	1.041e+05
		79	28.60	71.85	-272.54	-259.94	59.25	-64.66	5.925e+05	3.427e+05	5.486e+05	3.865e+05	9.505e+04
		78	28.86	58.39	-275.04	-261.99	45.34	-64.66	5.973e+05	3.517e+05	5.503e+05	3.987e+05	9.665e+04
536	8	561	5.50	11.11	-57.39	-54.85	8.58	-12.93	1.139e+05	5.682e+04	1.048e+05	6.600e+04	2.097e+04
		562	5.46	13.88	-56.59	-54.14	11.42	-12.93	1.130e+05	5.590e+04	1.043e+05	6.453e+04	2.045e+04
		79	5.33	14.37	-54.51	-51.99	11.85	-12.93	1.104e+05	5.599e+04	1.022e+05	6.412e+04	1.939e+04
		78	5.36	11.68	-55.01	-52.40	9.07	-12.93	1.110e+05	5.694e+04	1.024e+05	6.553e+04	1.976e+04
536	11	561	0.84	0.0	0.0	0.0	0.0	0.0	-9547.62	-1.779e+04	-9582.88	-1.775e+04	-537.94
		562	0.78	0.0	0.0	0.0	0.0	0.0	-9296.65	-1.651e+04	-9327.50	-1.648e+04	-470.70
		79	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.69
		78	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	537.94
537	1	562	36.28	99.27	-363.23	-351.42	87.46	-72.95	6.754e+05	3.801e+05	5.833e+05	4.722e+05	1.368e+05
		563	35.34	106.71	-361.17	-349.51	95.04	-72.95	6.573e+05	3.649e+05	5.765e+05	4.457e+05	1.307e+05
		80	33.43	108.15	-354.76	-342.97	96.35	-72.95	6.185e+05	3.743e+05	5.521e+05	4.408e+05	1.087e+05
		79	34.16	100.90	-356.02	-344.06	88.93	-72.95	6.317e+05	3.908e+05	5.558e+05	4.667e+05	1.119e+05
537	5	562	24.14	66.18	-242.15	-234.28	58.31	-48.64	4.493e+05	2.521e+05	3.884e+05	3.130e+05	9.109e+04
		563	23.52	71.14	-240.78	-233.01	63.36	-48.64	4.374e+05	2.421e+05	3.840e+05	2.955e+05	8.709e+04
		80	22.25	72.10	-236.51	-228.64	64.23	-48.64	4.117e+05	2.482e+05	3.677e+05	2.923e+05	7.252e+04
		79	22.73	67.26	-237.35	-229.37	59.29	-48.64	4.204e+05	2.591e+05	3.701e+05	3.094e+05	7.470e+04
537	8	562	4.56	13.24	-48.43	-46.86	11.66	-9.73	8.471e+04	4.252e+04	7.508e+04	5.214e+04	1.770e+04
		563	4.48	14.23	-48.16	-46.60	12.67	-9.73	8.304e+04	4.110e+04	7.441e+04	4.974e+04	1.696e+04
		80	4.25	14.42	-47.30	-45.73	12.85	-9.73	7.871e+04	4.153e+04	7.115e+04	4.908e+04	1.496e+04
		79	4.30	13.45	-47.47	-45.87	11.86	-9.73	7.983e+04	4.300e+04	7.142e+04	5.141e+04	1.546e+04
537	11	562	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.54	-1.307e+04	-647.41
		563	0.64	0.0	0.0	0.0	0.0	0.0	-2926.62	-1.174e+04	-2964.34	-1.171e+04	-575.48
		80	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		79	0.72	0.0	0.0	0.0	0.0	0.0	-3195.12	-1.312e+04	-3237.55	-1.307e+04	647.42
538	1	563	29.51	103.46	-308.58	-300.59	95.47	-56.80	4.909e+05	2.645e+05	3.983e+05	3.571e+05	1.113e+05
		564	28.40	104.89	-308.19	-300.23	96.92	-56.80	4.714e+05	2.520e+05	3.918e+05	3.316e+05	1.055e+05
		81	26.08	105.19	-306.81	-298.82	97.21	-56.80	4.298e+05	2.620e+05	3.655e+05	3.263e+05	8.160e+04
		80	26.98	103.80	-307.04	-299.03	95.79	-56.80	4.453e+05	2.750e+05	3.691e+05	3.513e+05	8.472e+04
538	5	563	19.65	68.97	-205.72	-200.40	63.65	-37.86	3.267e+05	1.757e+05	2.656e+05	2.369e+05	7.412e+04
		564	18.92	69.93	-205.46	-200.15	64.62	-37.86	3.139e+05	1.674e+05	2.613e+05	2.200e+05	7.028e+04
		81	17.37	70.13	-204.54	-199.21	64.80	-37.86	2.863e+05	1.740e+05	2.438e+05	2.165e+05	5.448e+04
		80	17.96	69.20	-204.69	-199.35	63.86	-37.86	2.965e+05	1.826e+05	2.461e+05	2.329e+05	5.656e+04
538	8	563	3.78	13.79	-41.14	-40.08	12.73	-7.57	6.262e+04	3.094e+04	5.357e+04	3.999e+04	1.431e+04
		564	3.68	13.99	-41.09	-40.03	12.92	-7.57	6.085e+04	2.965e+04	5.290e+04	3.759e+04	1.359e+04
		81	3.40	14.03	-40.91	-39.84	12.96	-7.57	5.610e+04	3.018e+04	4.939e+04	3.689e+04	1.136e+04
		80	3.47	13.84	-40.94	-39.87	12.77	-7.57	5.737e+04	3.150e+04	4.967e+04	3.921e+04	1.183e+04
538	11	563	0.65	0.0	0.0	0.0	0.0	0.0	609.65	-9263.78	567.42	-9221.55	-644.38

		564	0.58	0.0	0.0	0.0	0.0	0.0	850.15	-8035.94	812.14	-7997.92	-579.94
		81	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		80	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.43	-9221.55	644.36
539	1	564	23.81	101.91	-262.62	-256.93	96.22	-45.19	3.514e+05	1.760e+05	2.641e+05	2.633e+05	8.770e+04
		565	22.65	100.64	-262.95	-257.25	94.94	-45.19	3.331e+05	1.667e+05	2.585e+05	2.413e+05	8.275e+04
		82	20.14	100.35	-264.32	-258.63	94.66	-45.19	2.948e+05	1.749e+05	2.335e+05	2.363e+05	5.993e+04
		81	21.12	101.58	-264.12	-258.44	95.91	-45.19	3.106e+05	1.836e+05	2.365e+05	2.577e+05	6.260e+04
539	5	564	15.85	67.94	-175.08	-171.28	64.14	-30.12	2.340e+05	1.172e+05	1.764e+05	1.747e+05	5.839e+04
		565	15.09	67.09	-175.30	-171.50	63.29	-30.12	2.219e+05	1.110e+05	1.727e+05	1.602e+05	5.510e+04
		82	13.42	66.90	-176.21	-172.42	63.11	-30.12	1.965e+05	1.164e+05	1.560e+05	1.569e+05	4.002e+04
		81	14.07	67.72	-176.08	-172.30	63.94	-30.12	2.068e+05	1.222e+05	1.580e+05	1.710e+05	4.181e+04
539	8	564	3.11	13.59	-35.02	-34.26	12.83	-6.02	4.551e+04	2.187e+04	3.745e+04	2.994e+04	1.121e+04
		565	3.01	13.42	-35.06	-34.30	12.66	-6.02	4.387e+04	2.085e+04	3.687e+04	2.785e+04	1.059e+04
		82	2.70	13.38	-35.24	-34.48	12.62	-6.02	3.936e+04	2.135e+04	3.352e+04	2.719e+04	8432.93
		81	2.78	13.54	-35.22	-34.46	12.79	-6.02	4.061e+04	2.236e+04	3.377e+04	2.920e+04	8832.99
539	11	564	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.75	2708.75	-6240.14	-589.07
		565	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		82	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		81	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.07
540	1	565	18.93	97.60	-222.69	-218.51	93.42	-36.35	2.457e+05	1.099e+05	1.661e+05	1.895e+05	6.686e+04
		566	17.78	95.23	-223.32	-219.11	91.03	-36.35	2.298e+05	1.036e+05	1.616e+05	1.718e+05	6.287e+04
		83	15.27	94.63	-226.13	-221.95	90.46	-36.35	1.982e+05	1.085e+05	1.393e+05	1.674e+05	4.260e+04
		82	16.30	96.95	-225.76	-221.61	92.80	-36.35	2.129e+05	1.136e+05	1.418e+05	1.847e+05	4.475e+04
540	5	565	12.61	65.07	-148.46	-145.67	62.28	-24.24	1.636e+05	7.341e+04	1.112e+05	1.258e+05	4.451e+04
		566	11.85	63.49	-148.88	-146.07	60.69	-24.24	1.531e+05	6.922e+04	1.082e+05	1.141e+05	4.185e+04
		83	10.19	63.09	-150.75	-147.97	60.31	-24.24	1.321e+05	7.246e+04	9.341e+04	1.111e+05	2.846e+04
		82	10.86	64.63	-150.50	-147.74	61.87	-24.24	1.417e+05	7.589e+04	9.504e+04	1.226e+05	2.990e+04
540	8	565	2.51	13.01	-29.69	-29.13	12.46	-4.85	3.221e+04	1.491e+04	2.520e+04	2.192e+04	8493.38
		566	2.40	12.70	-29.78	-29.21	12.14	-4.85	3.079e+04	1.417e+04	2.473e+04	2.023e+04	7996.04
		83	2.10	12.62	-30.15	-29.59	12.06	-4.85	2.686e+04	1.454e+04	2.176e+04	1.963e+04	6066.58
		82	2.18	12.93	-30.10	-29.55	12.37	-4.85	2.802e+04	1.522e+04	2.196e+04	2.127e+04	6388.51
540	11	565	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	-509.93
		566	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	-467.43
		83	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		82	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
541	1	566	14.95	91.69	-189.27	-186.10	88.53	-29.64	1.682e+05	6.229e+04	9.794e+04	1.326e+05	5.007e+04
		567	13.84	88.99	-189.97	-186.79	85.81	-29.64	1.551e+05	5.808e+04	9.441e+04	1.187e+05	4.694e+04
		84	11.48	88.26	-193.47	-190.31	85.10	-29.64	1.308e+05	5.957e+04	7.542e+04	1.149e+05	2.961e+04
		83	12.66	90.89	-193.05	-189.92	87.77	-29.64	1.433e+05	6.251e+04	7.737e+04	1.285e+05	3.130e+04
541	5	566	9.96	61.13	-126.18	-124.07	59.02	-19.76	1.121e+05	4.182e+04	6.583e+04	8.806e+04	3.332e+04
		567	9.23	59.33	-126.65	-124.53	57.21	-19.76	1.034e+05	3.902e+04	6.349e+04	7.890e+04	3.124e+04
		84	7.65	58.84	-128.98	-126.87	56.74	-19.76	8.715e+04	4.004e+04	5.082e+04	7.637e+04	1.980e+04
		83	8.42	60.60	-128.70	-126.61	58.51	-19.76	9.542e+04	4.200e+04	5.211e+04	8.532e+04	2.092e+04
541	8	566	2.00	12.23	-25.24	-24.81	11.80	-3.95	2.233e+04	9659.93	1.634e+04	1.565e+04	6325.43
		567	1.90	11.87	-25.33	-24.91	11.44	-3.95	2.114e+04	9148.09	1.598e+04	1.431e+04	5935.48
		84	1.60	11.77	-25.80	-25.37	11.35	-3.95	1.790e+04	9346.78	1.344e+04	1.380e+04	4271.65
		83	1.68	12.12	-25.74	-25.32	11.70	-3.95	1.893e+04	9764.32	1.360e+04	1.510e+04	4522.94
541	11	566	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.51
		567	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
		84	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		83	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
542	1	567	11.87	85.09	-160.39	-157.96	82.67	-24.29	1.118e+05	2.898e+04	5.102e+04	8.979e+04	3.661e+04
		568	10.72	82.44	-161.08	-158.64	79.99	-24.29	1.013e+05	2.622e+04	4.832e+04	7.919e+04	3.422e+04
		85	9.01	81.65	-164.81	-162.39	79.24	-24.29	8.377e+04	2.490e+04	3.262e+04	7.605e+04	1.987e+04
		84	10.14	84.25	-164.40	-162.01	81.86	-24.29	9.390e+04	2.662e+04	3.411e+04	8.641e+04	2.116e+04
542	5	567	7.89	56.73	-106.93	-105.31	55.11	-16.19	7.452e+04	1.969e+04	3.452e+04	5.968e+04	2.436e+04
		568	7.13	54.96	-107.39	-105.76	53.33	-16.19	6.756e+04	1.785e+04	3.273e+04	5.268e+04	2.277e+04
		85	5.99	54.44	-109.87	-108.26	52.82	-16.19	5.584e+04	1.700e+04	2.226e+04	5.058e+04	1.329e+04
		84	6.74	56.17	-109.60	-108.01	54.57	-16.19	6.252e+04	1.815e+04	2.325e+04	5.742e+04	1.415e+04
542	8	567	1.57	11.35	-21.39	-21.06	11.02	-3.24	1.502e+04	5770.18	9939.16	1.085e+04	4600.58
		568	1.47	10.99	-21.48	-21.15	10.67	-3.24	1.404e+04	5431.75	9655.29	9814.32	4302.32
		85	1.19	10.89	-21.97	-21.65	10.56	-3.24	1.153e+04	5426.82	7561.12	9395.48	2910.38
		84	1.27	11.23	-21.92	-21.60	10.91	-3.24	1.242e+04	5654.90	7683.90	1.040e+04	3101.56
542	11	567	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		568	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
		85	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	315.18
		84	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
543	1	568	9.69	78.33	-134.59	-132.72	76.46	-19.84	7.164e+04	7066.37	2.003e+04	5.868e+04	2.587e+04
		569	8.66	75.89	-135.22	-133.34	74.01	-19.84	6.357e+04	5277.76	1.803e+04	5.082e+04	2.410e+04
		86	7.51	75.13	-138.90	-137.04	73.27	-19.84	5.177e+04	2055.69	5513.05	4.832e+04	1.265e+04
		85	8.52	77.51	-138.53	-136.69	75.67	-19.84	5.949e+04	3123.09	6619.34	5.599e+04	1.360e+04
543	5	568	6.43	52.22	-89.73	-88.48	50.98	-13.23	4.775e+04	5073.94	1.380e+04	3.903e+04	1.721e+04
		569	5.75	50.60	-90.15	-88.89	49.34	-13.23	4.242e+04	3887.49	1.247e+04	3.384e+04	1.603e+04
		86	4.98	50.08	-92.60	-91.36	48.85	-13.23	3.453e+04	1769.91	4126.44	3.217e+04	8463.76
		85	5.64	51.67	-92.35	-91.13	50.45	-13.23	3.962e+04	2473.99	4855.14	3.724e+04	9098.86
543	8	568	1.20	10.44	-17.95	-17.70	10.20	-2.65	9710.08	2979.16	5408.91	7280.33	3232.77
		569	1.11	10.12	-18.03	-17.78	9.87	-2.65	8933.51	2769.72	5196.89	6506.33	3011.55

		86	0.89	10.02	-18.52	-18.27	9.77	-2.65	7155.16	2545.45	3528.04	6172.56	1887.86
		85	0.99	10.33	-18.47	-18.23	10.09	-2.65	7887.45	2656.13	3620.86	6922.72	2028.81
543	11	568	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		569	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.94
		86	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.05	-322.85	243.95
		85	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
544	1	569	8.19	71.38	-112.61	-111.16	69.94	-16.25	4.396e+04	-6114.15	1404.02	3.645e+04	1.789e+04
		570	7.32	69.24	-113.17	-111.71	67.78	-16.25	3.797e+04	-7301.12	-51.85	3.073e+04	1.660e+04
		87	6.78	68.52	-116.64	-115.20	67.08	-16.25	3.025e+04	-1.126e+04	-9795.68	2.878e+04	7668.61
		86	7.60	70.61	-116.31	-114.89	69.19	-16.25	3.592e+04	-1.054e+04	-8989.39	3.437e+04	8357.61
544	5	569	5.43	47.59	-75.07	-74.11	46.62	-10.83	2.932e+04	-3752.01	1301.22	2.427e+04	1.190e+04
		570	4.85	46.16	-75.44	-74.47	45.19	-10.83	2.536e+04	-4537.86	336.79	2.049e+04	1.104e+04
		87	4.48	45.68	-77.76	-76.80	44.72	-10.83	2.019e+04	-7160.58	-6159.09	1.919e+04	5136.74
		86	5.03	47.08	-77.54	-76.59	46.13	-10.83	2.394e+04	-6687.39	-5627.73	2.288e+04	5597.69
544	8	569	0.94	9.52	-15.01	-14.82	9.32	-2.17	6050.61	1075.36	2448.82	4677.15	2224.17
		570	0.85	9.23	-15.09	-14.89	9.04	-2.17	5452.34	945.91	2292.89	4105.36	2062.94
		87	0.71	9.14	-15.55	-15.36	8.94	-2.17	4266.20	573.04	993.71	3845.53	1173.30
		86	0.80	9.42	-15.51	-15.32	9.23	-2.17	4831.51	631.51	1063.03	4399.99	1275.22
544	11	569	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.64
		570	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		87	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		86	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	194.64
545	1	570	7.22	64.59	-92.70	-91.59	63.48	-13.15	2.550e+04	-1.258e+04	-8459.21	2.138e+04	1.183e+04
		571	6.55	62.76	-93.17	-92.06	61.64	-13.15	2.126e+04	-1.336e+04	-9478.55	1.737e+04	1.093e+04
		88	6.56	62.10	-96.33	-95.23	61.00	-13.15	1.646e+04	-1.729e+04	-1.674e+04	1.592e+04	4251.64
		87	7.17	63.89	-96.06	-94.97	62.81	-13.15	2.045e+04	-1.679e+04	-1.618e+04	1.984e+04	4732.59
545	5	570	4.78	43.06	-61.80	-61.06	42.32	-8.76	1.702e+04	-8123.54	-5358.75	1.425e+04	7865.78
		571	4.33	41.84	-62.11	-61.37	41.09	-8.76	1.421e+04	-8643.25	-6034.20	1.160e+04	7268.05
		88	4.33	41.40	-64.22	-63.49	40.67	-8.76	1.101e+04	-1.125e+04	-1.088e+04	1.064e+04	2851.72
		87	4.73	42.60	-64.04	-63.31	41.87	-8.76	1.364e+04	-1.092e+04	-1.050e+04	1.323e+04	3173.43
545	8	570	0.77	8.61	-12.36	-12.21	8.46	-1.75	3580.18	-109.95	610.84	2859.40	1462.96
		571	0.69	8.37	-12.42	-12.27	8.22	-1.75	3142.08	-189.42	500.36	2452.29	1349.89
		88	0.64	8.28	-12.84	-12.70	8.13	-1.75	2416.15	-625.55	-468.01	2258.62	674.06
		87	0.71	8.52	-12.81	-12.66	8.37	-1.75	2824.72	-589.17	-418.07	2653.62	744.88
545	11	570	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		571	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		88	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		87	0.42	0.0	0.0	0.0	0.0	0.0	2114.46	3.60	2105.44	12.63	137.76
546	1	571	6.61	57.80	-75.59	-74.75	56.96	-10.58	1.366e+04	-1.455e+04	-1.236e+04	1.147e+04	7554.22
		572	6.13	56.28	-75.99	-75.14	55.42	-10.58	1.076e+04	-1.508e+04	-1.305e+04	8739.33	6943.84
		89	6.49	55.70	-78.79	-77.95	54.86	-10.58	7861.92	-1.846e+04	-1.829e+04	7691.28	2112.54
		88	6.93	57.19	-78.56	-77.73	56.36	-10.58	1.057e+04	-1.812e+04	-1.791e+04	1.036e+04	2438.72
546	5	571	4.37	38.54	-50.40	-49.83	37.97	-7.05	9131.69	-9504.20	-8033.96	7661.45	5023.70
		572	4.04	37.52	-50.66	-50.09	36.95	-7.05	7212.61	-9851.34	-8493.86	5855.13	4617.48
		89	4.29	37.13	-52.52	-51.97	36.57	-7.05	5273.27	-1.210e+04	-1.199e+04	5156.44	1420.11
		88	4.58	38.13	-52.37	-51.82	37.58	-7.05	7064.44	-1.188e+04	-1.173e+04	6921.66	1638.25
546	8	571	0.67	7.71	-10.08	-9.97	7.59	-1.41	1990.89	-744.24	-379.25	1625.90	930.10
		572	0.60	7.50	-10.13	-10.02	7.39	-1.41	1683.54	-795.64	-455.48	1343.38	853.00
		89	0.62	7.43	-10.50	-10.39	7.31	-1.41	1255.79	-1206.33	-1154.18	1203.64	354.52
		88	0.67	7.63	-10.47	-10.36	7.52	-1.41	1538.83	-1179.94	-1119.05	1477.94	402.29
546	11	571	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		572	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		89	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		88	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
547	1	572	6.14	51.15	-60.38	-59.75	50.52	-8.36	6521.56	-1.352e+04	-1.241e+04	5414.20	4578.48
		573	5.80	49.91	-60.70	-60.07	49.27	-8.36	4638.17	-1.386e+04	-1.286e+04	3638.48	4182.38
		90	6.36	49.41	-63.12	-62.49	48.79	-8.36	2956.47	-1.649e+04	-1.646e+04	2918.92	853.87
		89	6.66	50.63	-62.93	-62.31	50.01	-8.36	4708.89	-1.626e+04	-1.621e+04	4654.66	1065.06
547	5	572	4.06	34.10	-40.25	-39.83	33.68	-5.57	4369.83	-8874.55	-8133.25	3628.53	3044.42
		573	3.83	33.27	-40.47	-40.04	32.85	-5.57	3121.86	-9101.64	-8432.39	2452.61	2780.77
		90	4.20	32.94	-42.08	-41.66	32.52	-5.57	1998.83	-1.086e+04	-1.083e+04	1972.91	576.73
		89	4.40	33.75	-41.96	-41.54	33.34	-5.57	3159.45	-1.070e+04	-1.067e+04	3122.17	717.94
547	8	572	0.61	6.82	-8.05	-7.97	6.74	-1.11	1013.83	-967.29	-792.79	839.34	561.47
		573	0.56	6.65	-8.09	-8.01	6.57	-1.11	809.67	-1001.28	-843.14	651.54	511.24
		90	0.62	6.59	-8.42	-8.33	6.50	-1.11	569.17	-1336.42	-1322.85	555.59	160.26
		89	0.66	6.75	-8.39	-8.31	6.67	-1.11	755.82	-1316.90	-1299.15	738.06	191.00
547	11	572	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	-59.25
		573	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		90	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		89	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	59.25
548	1	573	5.56	44.72	-46.38	-45.93	44.27	-6.37	2640.42	-1.061e+04	-1.009e+04	2125.72	2560.01
		574	5.34	43.74	-46.63	-46.18	43.29	-6.37	1508.87	-1.082e+04	-1.036e+04	1054.81	2321.87
		91	5.95	43.32	-48.65	-48.20	42.88	-6.37	601.72	-1.265e+04	-1.265e+04	598.61	202.88
		90	6.15	44.29	-48.50	-48.06	43.85	-6.37	1653.19	-1.250e+04	-1.249e+04	1645.51	329.49
548	5	573	3.68	29.81	-30.92	-30.62	29.52	-4.25	1777.42	-6987.39	-6643.32	1433.36	1702.14
		574	3.53	29.16	-31.09	-30.78	28.86	-4.25	1027.22	-7127.16	-6823.66	723.72	1543.61
		91	3.93	28.88	-32.43	-32.13	28.59	-4.25	421.81	-8346.55	-8344.33	419.59	139.55

		90	4.07	29.52	-32.33	-32.04	29.23	-4.25	1118.59	-8249.39	-8244.02	1113.22	224.19
548	8	573	0.57	5.96	-6.18	-6.12	5.90	-0.85	460.17	-895.67	-818.96	383.46	313.25
		574	0.54	5.83	-6.22	-6.16	5.77	-0.85	334.89	-917.42	-849.87	267.34	282.90
		91	0.61	5.78	-6.49	-6.43	5.72	-0.85	208.63	-1156.12	-1154.00	206.51	53.73
		90	0.63	5.90	-6.47	-6.41	5.85	-0.85	322.98	-1142.65	-1139.10	319.43	72.02
548	11	573	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		574	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		91	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		90	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
549	1	574	4.85	38.36	-34.19	-33.89	38.05	-4.68	750.94	-7282.04	-7059.58	528.48	1318.16
		575	4.71	37.60	-34.38	-34.08	37.30	-4.68	123.55	-7402.64	-7210.87	-68.22	1185.96
		92	5.28	37.27	-36.01	-35.71	36.97	-4.68	-334.11	-8542.67	-8542.27	-334.51	-56.93
		91	5.41	38.01	-35.90	-35.60	37.71	-4.68	248.90	-8457.57	-8457.55	248.88	13.13
549	5	574	3.21	25.57	-22.79	-22.59	25.37	-3.12	512.21	-4808.38	-4659.86	363.69	876.46
		575	3.12	25.07	-22.92	-22.72	24.87	-3.12	95.99	-4888.31	-4760.30	-32.02	788.44
		92	3.49	24.85	-24.01	-23.81	24.65	-3.12	-209.31	-5648.14	-5647.90	-209.54	-35.75
		91	3.58	25.34	-23.93	-23.73	25.14	-3.12	177.31	-5591.86	-5591.84	177.29	11.07
549	8	574	0.51	5.11	-4.56	-4.52	5.07	-0.62	172.25	-684.50	-652.94	140.69	161.40
		575	0.49	5.01	-4.58	-4.54	4.97	-0.62	101.15	-697.55	-670.51	74.11	144.45
		92	0.56	4.97	-4.80	-4.76	4.93	-0.62	38.65	-848.07	-848.03	38.60	6.08
		91	0.58	5.07	-4.79	-4.75	5.03	-0.62	103.68	-839.61	-839.33	103.41	16.11
549	11	574	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		575	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
		92	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		91	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
550	1	575	3.86	32.14	-23.12	-22.94	31.96	-3.16	61.35	-4104.95	-4020.83	-22.78	586.02
		576	3.77	31.59	-23.26	-23.08	31.41	-3.16	-237.50	-4164.11	-4093.16	-308.45	523.02
		93	4.22	31.34	-24.51	-24.33	31.16	-3.16	-439.08	-4760.67	-4758.27	-441.48	-101.82
		92	4.31	31.88	-24.43	-24.25	31.70	-3.16	-161.10	-4718.63	-4717.60	-162.14	-68.58
550	5	575	2.56	21.43	-15.42	-15.30	21.31	-2.11	47.39	-2715.88	-2659.77	-8.72	389.73
		576	2.50	21.06	-15.51	-15.39	20.94	-2.11	-151.05	-2755.14	-2707.84	-198.35	347.78
		93	2.80	20.89	-16.34	-16.22	20.77	-2.11	-285.47	-3152.80	-3151.24	-287.04	-66.98
		92	2.86	21.25	-16.28	-16.17	21.13	-2.11	-100.96	-3124.95	-3124.29	-101.62	-44.78
550	8	575	0.43	4.29	-3.08	-3.06	4.26	-0.42	48.39	-418.77	-407.30	36.93	72.29
		576	0.42	4.21	-3.10	-3.08	4.19	-0.42	13.47	-425.52	-415.93	3.89	64.15
		93	0.47	4.18	-3.27	-3.24	4.15	-0.42	-13.72	-504.74	-504.61	-13.85	-7.99
		92	0.49	4.25	-3.26	-3.23	4.23	-0.42	18.37	-500.22	-500.20	18.35	-3.30
550	11	575	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		576	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		93	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		92	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
551	1	576	2.55	26.04	-13.13	-13.04	25.96	-1.80	-50.34	-1681.29	-1655.11	-76.52	204.98
		577	2.50	25.67	-13.22	-13.14	25.59	-1.80	-159.18	-1703.29	-1681.50	-180.97	182.11
		94	2.79	25.50	-14.09	-14.01	25.42	-1.80	-229.52	-1935.80	-1933.87	-231.44	-57.24
		93	2.84	25.86	-14.04	-13.96	25.78	-1.80	-128.15	-1920.09	-1918.95	-129.29	-45.25
551	5	576	1.70	17.36	-8.75	-8.70	17.31	-1.20	-30.74	-1114.43	-1096.98	-48.19	136.41
		577	1.66	17.12	-8.81	-8.76	17.06	-1.20	-103.11	-1129.06	-1114.54	-117.62	121.18
		94	1.85	17.00	-9.39	-9.34	16.94	-1.20	-150.00	-1284.06	-1282.79	-151.27	-37.93
		93	1.89	17.24	-9.36	-9.30	17.18	-1.20	-82.62	-1273.63	-1272.88	-83.37	-29.93
551	8	576	0.30	3.47	-1.75	-1.74	3.46	-0.24	10.74	-184.31	-180.82	7.25	25.86
		577	0.30	3.42	-1.76	-1.75	3.41	-0.24	-2.58	-186.98	-184.10	-5.46	22.87
		94	0.33	3.40	-1.88	-1.87	3.39	-0.24	-12.00	-217.94	-217.75	-12.19	-6.22
		93	0.34	3.45	-1.87	-1.86	3.44	-0.24	0.31	-216.10	-216.00	0.22	-4.56
551	11	576	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		577	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		94	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		93	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
552	1	577	1.17	20.08	-4.04	-4.02	20.07	-0.57	-1.43	-354.75	-349.32	-6.86	43.50
		47	1.14	19.87	-4.09	-4.08	19.86	-0.57	-23.64	-359.26	-354.69	-28.20	38.89
		48	1.25	19.77	-4.61	-4.60	19.75	-0.57	-38.39	-408.06	-407.65	-38.80	-12.25
		94	1.28	19.97	-4.58	-4.57	19.96	-0.57	-17.67	-404.83	-404.58	-17.92	-9.86
552	5	577	0.78	13.39	-2.69	-2.68	13.38	-0.38	-0.07	-235.59	-231.96	-3.69	29.00
		47	0.76	13.25	-2.73	-2.72	13.24	-0.38	-14.87	-238.59	-235.54	-17.92	25.92
		48	0.83	13.18	-3.07	-3.07	13.17	-0.38	-24.71	-271.12	-270.85	-24.98	-8.16
		94	0.85	13.31	-3.05	-3.05	13.31	-0.38	-10.90	-268.97	-268.80	-11.06	-6.57
552	8	577	0.15	2.68	-0.54	-0.54	2.68	-0.08	5.25	-41.61	-40.89	4.53	5.78
		47	0.15	2.65	-0.55	-0.54	2.65	-0.08	2.31	-42.21	-41.60	1.70	5.17
		48	0.16	2.64	-0.61	-0.61	2.63	-0.08	0.34	-48.71	-48.66	0.28	-1.62
		94	0.17	2.66	-0.61	-0.61	2.66	-0.08	3.09	-48.29	-48.25	3.06	-1.30
552	11	577	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		47	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		48	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		94	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02
553	1	1	8.08	9.69	7.07	9.61	7.16	0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	1.437e+04
		74	8.08	9.69	7.07	9.61	7.16	0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	1.437e+04
		5	8.08	9.69	7.07	9.61	7.16	0.45	2.433e+05	7.900e+04	2.420e+05	8.026e+04	1.437e+04
553	5	1	5.26	6.46	4.72	6.40	4.77	0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	9582.85

		74	5.26	6.46	4.72	6.40	4.77	0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	9582.85
		5	5.26	6.46	4.72	6.40	4.77	0.30	1.577e+05	4.819e+04	1.569e+05	4.903e+04	9582.85
553	10	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
		74	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
		5	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
553	11	1	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
		74	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
		5	1.26	0.0	0.0	0.0	0.0	0.0	-3.356e+04	-3.356e+04	-3.356e+04	-3.356e+04	9.47e-05
554	1	74	21.15	22.60	10.66	22.57	10.69	0.53	6.316e+05	1.836e+05	6.314e+05	1.838e+05	-9123.67
		75	21.98	24.14	17.70	24.10	17.74	0.53	6.736e+05	3.762e+05	6.732e+05	3.766e+05	1.114e+04
		6	22.34	24.43	17.76	24.39	17.80	0.53	6.853e+05	3.741e+05	6.812e+05	3.782e+05	3.542e+04
		5	21.77	23.13	10.77	23.11	10.79	0.53	6.488e+05	1.840e+05	6.461e+05	1.867e+05	3.540e+04
554	5	74	13.98	15.06	7.11	15.05	7.12	0.35	4.165e+05	1.179e+05	4.164e+05	1.180e+05	-6077.72
		75	14.50	16.10	11.80	16.07	11.83	0.35	4.445e+05	2.462e+05	4.442e+05	2.465e+05	7426.01
		6	14.74	16.29	11.84	16.26	11.87	0.35	4.523e+05	2.449e+05	4.496e+05	2.476e+05	2.361e+04
		5	14.39	15.42	7.18	15.41	7.20	0.35	4.280e+05	1.182e+05	4.262e+05	1.200e+05	2.360e+04
554	8	74	2.17	3.01	1.42	3.01	1.42	0.07	5.587e+04	-3422.01	5.585e+04	-3398.23	-1187.14
		75	2.03	3.22	2.36	3.21	2.37	0.07	6.142e+04	2.200e+04	6.136e+04	2.206e+04	1500.69
		6	2.08	3.26	2.37	3.25	2.37	0.07	6.298e+04	2.173e+04	6.243e+04	2.227e+04	4706.74
		5	2.25	3.08	1.44	3.08	1.44	0.07	5.816e+04	-3366.34	5.780e+04	-3006.65	4690.62
554	11	74	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	35.46
		75	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	19.34
		6	1.28	0.0	0.0	0.0	0.0	0.0	-3.405e+04	-3.435e+04	-3.435e+04	-3.405e+04	-19.34
		5	1.28	0.0	0.0	0.0	0.0	0.0	-3.375e+04	-3.429e+04	-3.429e+04	-3.375e+04	-35.46
555	1	75	33.86	36.22	20.06	36.17	20.11	0.89	1.037e+06	4.470e+05	1.037e+06	4.470e+05	1129.95
		76	35.01	37.65	26.54	37.58	26.61	0.89	1.072e+06	6.070e+05	1.072e+06	6.077e+05	1.803e+04
		7	35.56	38.14	26.64	38.07	26.71	0.89	1.090e+06	6.038e+05	1.084e+06	6.102e+05	5.514e+04
		6	34.64	36.94	20.21	36.89	20.26	0.89	1.060e+06	4.456e+05	1.055e+06	4.506e+05	5.511e+04
555	5	75	22.43	24.15	13.38	24.12	13.41	0.60	6.865e+05	2.934e+05	6.865e+05	2.934e+05	763.61
		76	23.18	25.10	17.69	25.05	17.74	0.60	7.102e+05	4.000e+05	7.097e+05	4.005e+05	1.203e+04
		7	23.55	25.43	17.76	25.38	17.81	0.60	7.221e+05	3.979e+05	7.179e+05	4.021e+05	3.676e+04
		6	22.95	24.63	13.47	24.59	13.51	0.60	7.017e+05	2.925e+05	6.984e+05	2.958e+05	3.673e+04
555	8	75	3.65	4.83	2.68	4.82	2.68	0.12	1.089e+05	3.125e+04	1.089e+05	3.125e+04	214.66
		76	3.70	5.02	3.54	5.01	3.55	0.12	1.136e+05	5.220e+04	1.135e+05	5.230e+04	2448.14
		7	3.78	5.09	3.55	5.08	3.56	0.12	1.160e+05	5.179e+04	1.151e+05	5.263e+04	7308.55
		6	3.76	4.93	2.69	4.92	2.70	0.12	1.120e+05	3.107e+04	1.113e+05	3.173e+04	7284.35
555	11	75	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	77.33
		76	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	53.17
		7	1.32	0.0	0.0	0.0	0.0	0.0	-3.474e+04	-3.556e+04	-3.555e+04	-3.475e+04	-53.17
		6	1.31	0.0	0.0	0.0	0.0	0.0	-3.428e+04	-3.547e+04	-3.546e+04	-3.429e+04	-77.33
556	1	76	47.72	50.01	29.01	49.94	29.08	1.23	1.465e+06	6.867e+05	1.465e+06	6.867e+05	2612.98
		77	49.04	51.44	35.49	51.35	35.58	1.23	1.502e+06	8.537e+05	1.501e+06	8.543e+05	2.025e+04
		8	49.86	52.16	35.64	52.07	35.73	1.23	1.529e+06	8.493e+05	1.520e+06	8.581e+05	7.654e+04
		7	48.78	50.95	29.20	50.88	29.27	1.23	1.497e+06	6.844e+05	1.490e+06	6.916e+05	7.650e+04
556	5	76	31.65	33.34	19.34	33.29	19.39	0.82	9.718e+05	4.531e+05	9.718e+05	4.532e+05	1760.09
		77	32.53	34.30	23.66	34.23	23.72	0.82	9.964e+05	5.644e+05	9.960e+05	5.648e+05	1.351e+04
		8	33.08	34.77	23.76	34.71	23.82	0.82	1.014e+06	5.615e+05	1.008e+06	5.673e+05	5.101e+04
		7	32.36	33.97	19.47	33.92	19.51	0.82	9.929e+05	4.516e+05	9.881e+05	4.564e+05	5.098e+04
556	8	76	5.41	6.67	3.87	6.66	3.88	0.16	1.646e+05	6.257e+04	1.646e+05	6.257e+04	460.75
		77	5.52	6.86	4.73	6.85	4.74	0.16	1.695e+05	8.432e+04	1.694e+05	8.441e+04	2785.15
		8	5.64	6.95	4.75	6.94	4.76	0.16	1.730e+05	8.374e+04	1.719e+05	8.491e+04	1.012e+04
		7	5.56	6.79	3.89	6.78	3.90	0.16	1.689e+05	6.226e+04	1.679e+05	6.322e+04	1.009e+04
556	11	76	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	135.75
		77	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	103.43
		8	1.37	0.0	0.0	0.0	0.0	0.0	-3.568e+04	-3.726e+04	-3.726e+04	-3.568e+04	-103.43
		7	1.36	0.0	0.0	0.0	0.0	0.0	-3.506e+04	-3.714e+04	-3.713e+04	-3.507e+04	-135.75
557	1	77	62.26	63.88	37.98	63.78	38.07	1.55	1.913e+06	9.371e+05	1.913e+06	9.371e+05	477.49
		72	63.76	65.32	44.51	65.20	44.63	1.55	1.952e+06	1.117e+06	1.952e+06	1.117e+06	1.946e+04
		2	64.90	66.27	44.71	66.15	44.82	1.55	1.989e+06	1.111e+06	1.978e+06	1.123e+06	9.898e+04
		8	63.65	65.05	38.22	64.96	38.31	1.55	1.955e+06	9.339e+05	1.945e+06	9.436e+05	9.893e+04
557	5	77	41.34	42.58	25.32	42.52	25.38	1.03	1.270e+06	6.199e+05	1.270e+06	6.199e+05	346.28
		72	42.33	43.55	29.68	43.47	29.75	1.03	1.296e+06	7.398e+05	1.296e+06	7.401e+05	1.300e+04
		2	43.09	44.18	29.81	44.10	29.88	1.03	1.321e+06	7.360e+05	1.313e+06	7.436e+05	6.596e+04
		8	42.26	43.37	25.48	43.31	25.54	1.03	1.298e+06	6.178e+05	1.292e+06	6.243e+05	6.592e+04
557	8	77	7.27	8.52	5.06	8.50	5.08	0.21	2.225e+05	9.510e+04	2.225e+05	9.510e+04	237.19
		72	7.42	8.71	5.94	8.69	5.95	0.21	2.277e+05	1.185e+05	2.276e+05	1.185e+05	2735.15
		2	7.57	8.84	5.96	8.82	5.98	0.21	2.326e+05	1.177e+05	2.311e+05	1.192e+05	1.306e+04
		8	7.46	8.67	5.10	8.66	5.11	0.21	2.282e+05	9.469e+04	2.269e+05	9.597e+04	1.302e+04
557	11	77	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	209.66
		72	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	169.34
		2	1.43	0.0	0.0	0.0	0.0	0.0	-3.685e+04	-3.944e+04	-3.943e+04	-3.686e+04	-169.34
		8	1.42	0.0	0.0	0.0	0.0	0.0	-3.608e+04	-3.929e+04	-3.928e+04	-3.609e+04	-209.66
558	1	72	61.00	-66.47	-553.16	-544.55	-75.08	-64.17	1.833e+06	1.089e+06	1.832e+06	1.090e+06	2.889e+04
		73	61.83	31.72	-530.45	-523.02	24.30	-64.17	1.851e+06	1.168e+06	1.849e+06	1.171e+06	3.733e+04
		3	62.59	36.42	-508.37	-500.71	28.76	-64.17	1.879e+06	1.162e+06	1.867e+06	1.174e+06	9.236e+04
		2	61.87	-60.94	-527.79	-518.80	-69.93	-64.17	1.863e+06	1.083e+06	1.852e+06	1.094e+06	9.239e+04
558	5	72	40.51	-44.31	-368.77	-363.03	-50.06	-42.78	1.217e+06	7.211e+05	1.217e+06	7.218e+05	1.924e+04

		73	41.06	21.14	-353.63	-348.68	16.20	-42.78	1.230e+06	7.743e+05	1.228e+06	7.757e+05	2.487e+04
		3	41.57	24.28	-338.92	-333.81	19.17	-42.78	1.248e+06	7.700e+05	1.240e+06	7.781e+05	6.159e+04
		2	41.10	-40.63	-351.86	-345.87	-46.62	-42.78	1.238e+06	7.172e+05	1.230e+06	7.246e+05	6.162e+04
558	8	72	7.21	-8.86	-73.75	-72.61	-10.01	-8.56	2.170e+05	1.158e+05	2.169e+05	1.159e+05	3717.38
		73	7.30	4.23	-70.73	-69.74	3.24	-8.56	2.195e+05	1.268e+05	2.192e+05	1.270e+05	4860.42
		3	7.41	4.86	-67.78	-66.76	3.83	-8.56	2.233e+05	1.259e+05	2.216e+05	1.275e+05	1.243e+04
		2	7.33	-8.13	-70.37	-69.17	-9.32	-8.56	2.211e+05	1.150e+05	2.196e+05	1.165e+05	1.245e+04
558	11	72	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	-163.32
		73	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	-141.54
		3	1.28	0.0	0.0	0.0	0.0	0.0	-3.298e+04	-3.515e+04	-3.299e+04	-3.514e+04	141.54
		2	1.29	0.0	0.0	0.0	0.0	0.0	-3.306e+04	-3.557e+04	-3.307e+04	-3.555e+04	163.31
559	1	73	57.19	16.95	-501.95	-497.86	12.87	-45.88	1.312e+06	7.912e+05	1.306e+06	7.969e+05	5.414e+04
		78	57.36	73.06	-489.41	-485.64	69.30	-45.88	1.316e+06	8.055e+05	1.309e+06	8.117e+05	5.565e+04
		9	57.53	75.47	-477.78	-473.94	71.64	-45.88	1.321e+06	8.040e+05	1.312e+06	8.123e+05	6.494e+04
		3	57.38	19.77	-488.39	-484.22	15.59	-45.88	1.318e+06	7.895e+05	1.310e+06	7.976e+05	6.498e+04
559	5	73	38.01	11.30	-334.63	-331.91	8.58	-30.58	8.720e+05	5.244e+05	8.682e+05	5.282e+05	3.607e+04
		78	38.12	48.71	-326.27	-323.76	46.20	-30.58	8.744e+05	5.340e+05	8.703e+05	5.381e+05	3.707e+04
		9	38.23	50.31	-318.52	-315.96	47.76	-30.58	8.778e+05	5.330e+05	8.723e+05	5.385e+05	4.332e+04
		3	38.13	13.18	-325.60	-322.81	10.40	-30.58	8.759e+05	5.232e+05	8.704e+05	5.287e+05	4.335e+04
559	8	73	6.90	2.26	-66.93	-66.38	1.72	-6.12	1.586e+05	8.650e+04	1.579e+05	8.719e+04	7037.36
		78	6.92	9.74	-65.25	-64.75	9.24	-6.12	1.591e+05	8.890e+04	1.584e+05	8.965e+04	7264.27
		9	6.95	10.06	-63.70	-63.19	9.55	-6.12	1.599e+05	8.862e+04	1.588e+05	8.973e+04	8814.56
		3	6.93	2.64	-65.12	-64.56	2.08	-6.12	1.594e+05	8.620e+04	1.583e+05	8.728e+04	8846.03
559	11	73	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	-220.25
		78	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	-188.78
		9	1.04	0.0	0.0	0.0	0.0	0.0	-1.958e+04	-2.247e+04	-1.959e+04	-2.246e+04	188.78
		3	1.06	0.0	0.0	0.0	0.0	0.0	-1.969e+04	-2.307e+04	-1.971e+04	-2.305e+04	220.25
560	1	78	45.04	72.54	-436.89	-434.74	70.38	-33.08	9.152e+05	6.359e+05	9.014e+05	6.498e+05	6.061e+04
		79	44.58	95.18	-431.90	-429.82	93.10	-33.08	9.091e+05	6.173e+05	8.969e+05	6.295e+05	5.840e+04
		10	44.19	96.30	-426.43	-424.33	94.19	-33.08	8.986e+05	6.214e+05	8.916e+05	6.284e+05	4.350e+04
		9	44.59	73.82	-430.64	-428.46	71.64	-33.08	9.028e+05	6.411e+05	8.953e+05	6.486e+05	4.359e+04
560	5	78	29.95	48.36	-291.26	-289.82	46.92	-22.05	6.088e+05	4.217e+05	5.996e+05	4.308e+05	4.034e+04
		79	29.65	63.45	-287.93	-286.55	62.06	-22.05	6.048e+05	4.094e+05	5.967e+05	4.175e+05	3.887e+04
		10	29.38	64.20	-284.28	-282.88	62.80	-22.05	5.978e+05	4.121e+05	5.932e+05	4.168e+05	2.906e+04
		9	29.65	49.21	-287.09	-285.64	47.76	-22.05	6.006e+05	4.250e+05	5.956e+05	4.300e+05	2.913e+04
560	8	78	5.53	9.67	-58.25	-57.96	9.38	-4.41	1.136e+05	7.055e+04	1.122e+05	7.195e+04	7637.29
		79	5.50	12.69	-57.59	-57.31	12.41	-4.41	1.131e+05	6.903e+04	1.119e+05	7.030e+04	7397.42
		10	5.45	12.84	-56.86	-56.58	12.56	-4.41	1.121e+05	6.925e+04	1.112e+05	7.016e+04	6189.06
		9	5.48	9.84	-57.42	-57.13	9.55	-4.41	1.124e+05	7.083e+04	1.114e+05	7.179e+04	6256.31
560	11	78	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.89	-1.775e+04	-537.94
		79	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	-470.70
		10	0.78	0.0	0.0	0.0	0.0	0.0	-9296.66	-1.651e+04	-9327.51	-1.648e+04	470.70
		9	0.84	0.0	0.0	0.0	0.0	0.0	-9547.63	-1.779e+04	-9582.88	-1.775e+04	537.94
561	1	79	35.66	95.71	-375.74	-374.42	94.40	-24.88	6.395e+05	4.826e+05	6.162e+05	5.059e+05	5.580e+04
		80	34.85	103.77	-373.97	-372.67	102.47	-24.88	6.285e+05	4.591e+05	6.100e+05	4.776e+05	5.273e+04
		11	34.15	104.22	-371.75	-370.44	102.92	-24.88	6.080e+05	4.696e+05	6.017e+05	4.759e+05	2.893e+04
		10	34.88	96.22	-373.24	-371.91	94.90	-24.88	6.145e+05	4.964e+05	6.068e+05	5.040e+05	2.902e+04
561	5	79	23.72	63.81	-250.49	-249.62	62.93	-16.59	4.257e+05	3.203e+05	4.104e+05	3.355e+05	3.712e+04
		80	23.19	69.18	-249.32	-248.45	68.31	-16.59	4.184e+05	3.047e+05	4.063e+05	3.168e+05	3.508e+04
		11	22.72	69.48	-247.83	-246.96	68.61	-16.59	4.049e+05	3.115e+05	4.007e+05	3.157e+05	1.936e+04
		10	23.21	64.15	-248.82	-247.94	63.27	-16.59	4.092e+05	3.292e+05	4.041e+05	3.343e+05	1.943e+04
561	8	79	4.46	12.76	-50.10	-49.92	12.59	-3.32	8.140e+04	5.472e+04	7.947e+04	5.664e+04	6905.58
		80	4.40	13.84	-49.86	-49.69	13.66	-3.32	8.050e+04	5.237e+04	7.887e+04	5.399e+04	6555.73
		11	4.31	13.90	-49.57	-49.39	13.72	-3.32	7.852e+04	5.301e+04	7.776e+04	5.377e+04	4332.42
		10	4.37	12.83	-49.76	-49.59	12.65	-3.32	7.908e+04	5.554e+04	7.822e+04	5.639e+04	4404.36
561	11	79	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	-647.41
		80	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	-575.48
		11	0.64	0.0	0.0	0.0	0.0	0.0	-2926.63	-1.174e+04	-2964.35	-1.171e+04	575.49
		10	0.72	0.0	0.0	0.0	0.0	0.0	-3195.11	-1.312e+04	-3237.55	-1.307e+04	647.42
562	1	80	28.31	103.45	-322.89	-322.00	102.57	-19.37	4.501e+05	3.485e+05	4.167e+05	3.820e+05	4.776e+04
		81	27.31	105.00	-322.55	-321.67	104.12	-19.37	4.356e+05	3.298e+05	4.107e+05	3.547e+05	4.481e+04
		12	26.45	105.09	-322.07	-321.19	104.21	-19.37	4.083e+05	3.463e+05	4.018e+05	3.529e+05	1.902e+04
		11	27.36	103.56	-322.35	-321.47	102.68	-19.37	4.167e+05	3.700e+05	4.067e+05	3.800e+05	1.910e+04
562	5	80	18.84	68.97	-215.26	-214.67	68.38	-12.91	2.997e+05	2.316e+05	2.779e+05	2.534e+05	3.175e+04
		81	18.19	70.00	-215.03	-214.45	69.41	-12.91	2.901e+05	2.192e+05	2.739e+05	2.354e+05	2.979e+04
		12	17.61	70.06	-214.71	-214.13	69.47	-12.91	2.722e+05	2.299e+05	2.680e+05	2.342e+05	1.276e+04
		11	18.21	69.04	-214.90	-214.31	68.45	-12.91	2.776e+05	2.457e+05	2.712e+05	2.521e+05	1.282e+04
562	8	80	3.61	13.79	-43.05	-42.93	13.68	-2.58	5.829e+04	4.103e+04	5.602e+04	4.330e+04	5835.40
		81	3.54	14.00	-43.01	-42.89	13.88	-2.58	5.725e+04	3.885e+04	5.543e+04	4.067e+04	5495.34
		12	3.43	14.01	-42.94	-42.83	13.89	-2.58	5.486e+04	3.980e+04	5.423e+04	4.043e+04	3014.68
		11	3.50	13.81	-42.98	-42.86	13.69	-2.58	5.545e+04	4.227e+04	5.469e+04	4.303e+04	3079.12
562	11	80	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.54	-644.38
		81	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	-579.94
		12	0.58	0.0	0.0	0.0	0.0	0.0	850.16	-8035.93	812.15	-7997.92	579.93
		11	0.65	0.0	0.0	0.0	0.0	0.0	609.66	-9263.78	567.42	-9221.55	644.37
563	1	81	22.26	103.77	-276.90	-276.27	103.14	-15.41	3.164e+05	2.377e+05	2.731e+05	2.811e+05	3.916e+04
		82	21.19	102.41	-277.19	-276.57	101.78	-15.41	2.998e+05	2.258e+05	2.680e+05	2.576e+05	3.663e+04

		13	20.24	102.31	-277.66	-277.04	101.68	-15.41	2.698e+05	2.455e+05	2.594e+05	2.559e+05	1.204e+04
		12	21.24	103.66	-277.41	-276.79	103.04	-15.41	2.858e+05	2.570e+05	2.637e+05	2.792e+05	1.211e+04
563	5	81	14.82	69.18	-184.60	-184.18	68.76	-10.27	2.106e+05	1.584e+05	1.824e+05	1.866e+05	2.603e+04
		82	14.12	68.27	-184.80	-184.38	67.85	-10.27	1.997e+05	1.504e+05	1.790e+05	1.711e+05	2.435e+04
		13	13.49	68.21	-185.11	-184.69	67.79	-10.27	1.799e+05	1.634e+05	1.733e+05	1.699e+05	8095.58
		12	14.15	69.11	-184.94	-184.53	68.69	-10.27	1.901e+05	1.714e+05	1.761e+05	1.853e+05	8149.25
563	8	81	2.90	13.84	-36.92	-36.84	13.75	-2.05	4.117e+04	2.978e+04	3.864e+04	3.231e+04	4734.33
		82	2.82	13.65	-36.96	-36.88	13.57	-2.05	4.009e+04	2.807e+04	3.813e+04	3.003e+04	4441.37
		13	2.70	13.64	-37.02	-36.94	13.56	-2.05	3.753e+04	2.926e+04	3.699e+04	2.980e+04	2047.29
		12	2.77	13.82	-36.99	-36.91	13.74	-2.05	3.811e+04	3.133e+04	3.738e+04	3.206e+04	2100.85
563	11	81	0.62	0.0	0.0	0.0	0.0	0.0	2747.36	-6278.74	2708.75	-6240.14	-589.07
		82	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	-535.52
		13	0.55	0.0	0.0	0.0	0.0	0.0	2947.23	-5258.32	2912.13	-5223.22	535.52
		12	0.62	0.0	0.0	0.0	0.0	0.0	2747.35	-6278.75	2708.74	-6240.14	589.08
564	1	82	17.24	100.48	-236.08	-235.62	100.03	-12.40	2.206e+05	1.504e+05	1.690e+05	2.020e+05	3.095e+04
		83	16.13	97.94	-236.64	-236.18	97.48	-12.40	2.043e+05	1.437e+05	1.649e+05	1.831e+05	2.890e+04
		14	15.17	97.74	-237.60	-237.14	97.28	-12.40	1.835e+05	1.554e+05	1.573e+05	1.815e+05	7069.12
		13	16.22	100.27	-237.14	-236.68	99.81	-12.40	2.016e+05	1.595e+05	1.607e+05	2.003e+05	7124.50
564	5	82	11.48	66.99	-157.39	-157.08	66.68	-8.27	1.467e+05	1.006e+05	1.132e+05	1.341e+05	2.056e+04
		83	10.76	65.29	-157.76	-157.45	64.98	-8.27	1.360e+05	9.602e+04	1.104e+05	1.216e+05	1.921e+04
		14	10.11	65.16	-158.40	-158.10	64.86	-8.27	1.220e+05	1.040e+05	1.054e+05	1.206e+05	4775.07
		13	10.81	66.85	-158.09	-157.79	66.54	-8.27	1.339e+05	1.068e+05	1.076e+05	1.330e+05	4817.66
564	8	82	2.28	13.40	-31.48	-31.42	13.34	-1.65	2.842e+04	2.075e+04	2.559e+04	2.358e+04	3704.66
		83	2.20	13.06	-31.55	-31.49	13.00	-1.65	2.732e+04	1.958e+04	2.517e+04	2.173e+04	3467.72
		14	2.08	13.03	-31.68	-31.62	12.97	-1.65	2.471e+04	2.097e+04	2.416e+04	2.152e+04	1328.78
		13	2.15	13.37	-31.62	-31.56	13.31	-1.65	2.540e+04	2.244e+04	2.448e+04	2.336e+04	1371.27
564	11	82	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.52	-4044.99	-509.93
		83	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.06	-467.43
		14	0.54	0.0	0.0	0.0	0.0	0.0	3893.55	-3268.70	3862.91	-3238.07	467.43
		13	0.59	0.0	0.0	0.0	0.0	0.0	3734.95	-4078.42	3701.53	-4044.99	509.92
565	1	83	13.39	95.07	-201.46	-201.11	94.72	-10.11	1.516e+05	8.661e+04	9.719e+04	1.410e+05	2.399e+04
		84	12.14	92.17	-202.09	-201.74	91.83	-10.11	1.377e+05	8.249e+04	9.397e+04	1.262e+05	2.239e+04
		15	11.33	91.93	-203.29	-202.94	91.59	-10.11	1.253e+05	8.712e+04	8.749e+04	1.249e+05	3722.55
		14	12.56	94.81	-202.76	-202.41	94.46	-10.11	1.399e+05	8.989e+04	9.017e+04	1.396e+05	3764.97
565	5	83	8.91	63.38	-134.30	-134.07	63.15	-6.74	1.008e+05	5.817e+04	6.533e+04	9.368e+04	1.593e+04
		84	8.08	61.45	-134.72	-134.49	61.22	-6.74	9.165e+04	5.542e+04	6.319e+04	8.388e+04	1.487e+04
		15	7.54	61.29	-135.52	-135.29	61.06	-6.74	8.328e+04	5.861e+04	5.887e+04	8.301e+04	2533.83
		14	8.35	63.21	-135.17	-134.94	62.98	-6.74	9.294e+04	6.044e+04	6.065e+04	9.274e+04	2566.45
565	8	83	1.77	12.68	-26.86	-26.81	12.63	-1.35	1.937e+04	1.365e+04	1.624e+04	1.677e+04	2848.21
		84	1.68	12.29	-26.94	-26.90	12.24	-1.35	1.829e+04	1.293e+04	1.592e+04	1.530e+04	2662.08
		15	1.56	12.26	-27.10	-27.06	12.21	-1.35	1.591e+04	1.427e+04	1.505e+04	1.513e+04	819.38
		14	1.64	12.64	-27.03	-26.99	12.60	-1.35	1.701e+04	1.488e+04	1.531e+04	1.658e+04	851.96
565	11	83	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	-423.51
		84	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	-390.93
		15	0.53	0.0	0.0	0.0	0.0	0.0	4130.58	-1859.57	4104.96	-1833.95	390.94
		14	0.57	0.0	0.0	0.0	0.0	0.0	4008.99	-2480.35	3981.23	-2452.59	423.52
566	1	84	10.66	88.68	-171.26	-171.00	88.42	-8.28	1.014e+05	4.200e+04	4.820e+04	9.525e+04	1.817e+04
		85	9.47	85.83	-171.88	-171.61	85.56	-8.28	9.036e+04	3.930e+04	4.574e+04	8.392e+04	1.695e+04
		16	8.79	85.57	-173.16	-172.89	85.31	-8.28	8.290e+04	4.033e+04	4.038e+04	8.285e+04	1497.62
		15	9.99	88.40	-172.64	-172.38	88.14	-8.28	9.414e+04	4.239e+04	4.243e+04	9.409e+04	1529.19
566	5	84	7.08	59.12	-114.17	-114.00	58.94	-5.52	6.750e+04	2.846e+04	3.264e+04	6.332e+04	1.207e+04
		85	6.29	57.22	-114.59	-114.41	57.04	-5.52	6.017e+04	2.666e+04	3.101e+04	5.583e+04	1.126e+04
		16	5.84	57.05	-115.44	-115.26	56.87	-5.52	5.515e+04	2.740e+04	2.744e+04	5.511e+04	1040.44
		15	6.63	58.93	-115.09	-114.92	58.76	-5.52	6.258e+04	2.876e+04	2.879e+04	6.255e+04	1064.72
566	8	84	1.34	11.82	-22.83	-22.80	11.79	-1.10	1.294e+04	8201.53	9562.68	1.157e+04	2142.67
		85	1.25	11.44	-22.92	-22.88	11.41	-1.10	1.196e+04	7798.49	9310.28	1.044e+04	1999.98
		16	1.14	11.41	-23.09	-23.05	11.37	-1.10	1.042e+04	8479.77	8596.00	1.030e+04	460.14
		15	1.23	11.79	-23.02	-22.98	11.75	-1.10	1.151e+04	8706.99	8793.45	1.142e+04	484.38
566	11	84	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	-339.43
		85	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.62	-896.43	-315.18
		16	0.52	0.0	0.0	0.0	0.0	0.0	3912.28	-917.09	3891.63	-896.43	315.18
		15	0.55	0.0	0.0	0.0	0.0	0.0	3821.79	-1379.07	3799.55	-1356.82	339.42
567	1	85	8.84	81.97	-144.09	-143.88	81.76	-6.77	6.565e+04	1.267e+04	1.627e+04	6.205e+04	1.334e+04
		86	7.77	79.36	-144.65	-144.45	79.15	-6.77	5.726e+04	1.083e+04	1.444e+04	5.365e+04	1.243e+04
		17	7.32	79.10	-145.92	-145.71	78.90	-6.77	5.280e+04	1.017e+04	1.017e+04	5.280e+04	98.72
		16	8.38	81.70	-145.44	-145.24	81.49	-6.77	6.113e+04	1.169e+04	1.169e+04	6.113e+04	121.40
567	5	85	5.86	54.65	-96.06	-95.92	54.51	-4.51	4.370e+04	8867.37	1.129e+04	4.128e+04	8857.33
		86	5.15	52.90	-96.44	-96.30	52.77	-4.51	3.815e+04	7651.02	1.008e+04	3.572e+04	8257.11
		17	4.85	52.74	-97.28	-97.14	52.60	-4.51	3.515e+04	7233.31	7233.66	3.515e+04	98.34
		16	5.55	54.46	-96.96	-96.82	54.33	-4.51	4.067e+04	8238.24	8238.66	4.067e+04	115.78
567	8	85	1.03	10.93	-19.21	-19.18	10.90	-0.90	8423.89	4213.21	4907.43	7729.67	1562.43
		86	0.93	10.58	-19.29	-19.26	10.55	-0.90	7615.69	3986.60	4718.70	6883.60	1456.32
		17	0.85	10.55	-19.46	-19.43	10.52	-0.90	6787.24	4132.00	4149.49	6769.75	214.77
		16	0.95	10.89	-19.39	-19.36	10.87	-0.90	7623.91	4281.35	4297.56	7607.70	232.20
567	11	85	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	-261.37
		86	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	-243.94
		17	0.49	0.0	0.0	0.0	0.0	0.0	3399.04	-338.84	3383.06	-322.85	243.95

		16	0.51	0.0	0.0	0.0	0.0	0.0	3334.01	-670.87	3316.88	-653.74	261.37
568	1	86	7.75	74.94	-120.82	-120.66	74.78	-5.54	4.051e+04	-4702.60	-2559.37	3.837e+04	9608.04
		87	6.88	72.64	-121.31	-121.16	72.48	-5.54	3.435e+04	-5983.39	-3888.35	3.226e+04	8950.69
		18	6.67	72.40	-122.51	-122.35	72.24	-5.54	3.160e+04	-7223.44	-7211.81	3.159e+04	-672.01
		17	7.53	74.68	-122.09	-121.93	74.52	-5.54	3.767e+04	-6114.23	-6104.39	3.766e+04	-656.18
568	5	86	5.13	49.96	-80.54	-80.44	49.85	-3.69	2.699e+04	-2777.65	-1341.05	2.555e+04	6379.41
		87	4.55	48.42	-80.88	-80.77	48.32	-3.69	2.291e+04	-3626.10	-2220.87	2.151e+04	5942.80
		18	4.41	48.27	-81.67	-81.57	48.16	-3.69	2.107e+04	-4443.55	-4436.51	2.106e+04	-423.68
		17	4.98	49.79	-81.39	-81.29	49.68	-3.69	2.508e+04	-3710.28	-3704.40	2.508e+04	-411.50
568	8	86	0.83	9.99	-16.11	-16.09	9.97	-0.74	5304.49	1549.56	1920.37	4933.69	1120.20
		87	0.74	9.68	-16.18	-16.15	9.66	-0.74	4684.03	1406.86	1781.35	4309.53	1042.61
		18	0.69	9.65	-16.33	-16.31	9.63	-0.74	4222.21	1336.93	1338.23	4220.91	61.22
		17	0.78	9.96	-16.28	-16.26	9.94	-0.74	4840.74	1446.11	1447.70	4839.16	73.38
568	11	86	0.47	0.0	0.0	0.0	0.0	0.0	2751.76	-230.69	2739.01	-217.93	-194.65
		87	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	-182.48
		18	0.46	0.0	0.0	0.0	0.0	0.0	2797.17	1.12	2785.21	13.08	182.48
		17	0.47	0.0	0.0	0.0	0.0	0.0	2751.77	-230.69	2739.01	-217.93	194.64
569	1	87	7.21	68.00	-99.65	-99.53	67.88	-4.48	2.361e+04	-1.334e+04	-1.210e+04	2.238e+04	6643.23
		88	6.56	66.04	-100.07	-99.95	65.92	-4.48	1.928e+04	-1.422e+04	-1.303e+04	1.809e+04	6183.37
		19	6.56	65.82	-101.16	-101.03	65.70	-4.48	1.763e+04	-1.554e+04	-1.551e+04	1.760e+04	-1005.90
		18	7.19	67.77	-100.80	-100.68	67.65	-4.48	2.188e+04	-1.476e+04	-1.474e+04	2.185e+04	-995.36
569	5	87	4.76	45.33	-66.43	-66.35	45.25	-2.99	1.575e+04	-8614.86	-7788.30	1.492e+04	4410.45
		88	4.33	44.02	-66.71	-66.63	43.94	-2.99	1.288e+04	-9196.44	-8404.63	1.208e+04	4104.96
		19	4.33	43.88	-67.44	-67.36	43.80	-2.99	1.177e+04	-1.008e+04	-1.006e+04	1.175e+04	-653.31
		18	4.75	45.18	-67.20	-67.12	45.10	-2.99	1.459e+04	-9560.23	-9542.98	1.457e+04	-645.21
569	8	87	0.72	9.07	-13.29	-13.27	9.05	-0.60	3186.85	-69.66	124.93	2992.26	771.89
		88	0.64	8.80	-13.34	-13.33	8.79	-0.60	2738.27	-163.43	26.28	2548.56	717.28
		19	0.63	8.78	-13.49	-13.47	8.76	-0.60	2482.77	-304.28	-304.02	2482.50	-26.95
		18	0.70	9.04	-13.44	-13.42	9.02	-0.60	2922.19	-226.12	-226.01	2922.08	-18.84
569	11	87	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	-137.76
		88	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	-129.66
		19	0.41	0.0	0.0	0.0	0.0	0.0	2144.71	158.02	2136.21	166.52	129.66
		18	0.42	0.0	0.0	0.0	0.0	0.0	2114.47	3.60	2105.44	12.63	137.76
570	1	88	6.91	61.00	-81.40	-81.31	60.91	-3.61	1.260e+04	-1.615e+04	-1.544e+04	1.189e+04	4457.88
		89	6.45	59.36	-81.75	-81.66	59.27	-3.61	9641.80	-1.674e+04	-1.607e+04	8973.60	4145.18
		20	6.58	59.17	-82.71	-82.62	59.08	-3.61	8658.21	-1.790e+04	-1.786e+04	8616.14	-1056.21
		19	7.03	60.79	-82.41	-82.32	60.70	-3.61	1.155e+04	-1.737e+04	-1.733e+04	1.151e+04	-1049.47
570	5	88	4.57	40.67	-54.27	-54.20	40.60	-2.40	8415.24	-1.056e+04	-1.009e+04	7941.89	2959.48
		89	4.26	39.58	-54.50	-54.44	39.51	-2.40	6457.63	-1.095e+04	-1.051e+04	6011.32	2751.70
		20	4.35	39.45	-55.14	-55.08	39.39	-2.40	5800.40	-1.173e+04	-1.170e+04	5773.01	-692.39
		19	4.64	40.53	-54.94	-54.88	40.47	-2.40	7714.33	-1.137e+04	-1.135e+04	7689.56	-687.21
570	8	88	0.68	8.13	-10.85	-10.84	8.12	-0.48	1785.85	-893.95	-790.09	1681.99	517.25
		89	0.62	7.92	-10.90	-10.89	7.90	-0.48	1473.37	-957.04	-858.29	1374.62	479.84
		20	0.62	7.89	-11.03	-11.02	7.88	-0.48	1328.86	-1098.51	-1096.60	1326.96	-67.98
		19	0.68	8.11	-10.99	-10.98	8.09	-0.48	1633.00	-1043.89	-1042.42	1631.52	-62.80
570	11	88	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	-93.30
		89	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	-88.12
		20	0.36	0.0	0.0	0.0	0.0	0.0	1561.28	211.08	1555.51	216.86	88.12
		19	0.37	0.0	0.0	0.0	0.0	0.0	1541.94	112.31	1535.82	118.43	93.30
571	1	89	6.63	54.10	-65.13	-65.06	54.03	-2.85	5911.10	-1.520e+04	-1.481e+04	5518.12	2853.26
		90	6.31	52.77	-65.42	-65.35	52.70	-2.85	3987.26	-1.558e+04	-1.522e+04	3621.55	2650.17
		21	6.51	52.60	-66.24	-66.18	52.53	-2.85	3419.89	-1.649e+04	-1.644e+04	3376.12	-932.42
		20	6.81	53.92	-66.00	-65.93	53.86	-2.85	5299.33	-1.614e+04	-1.610e+04	5259.06	-928.36
571	5	89	4.38	36.07	-43.42	-43.37	36.02	-1.90	3959.90	-9993.35	-9731.26	3697.81	1894.27
		90	4.17	35.18	-43.61	-43.57	35.13	-1.90	2685.24	-1.025e+04	-1.000e+04	2441.33	1759.30
		21	4.30	35.07	-44.16	-44.12	35.02	-1.90	2306.43	-1.085e+04	-1.082e+04	2277.71	-614.13
		20	4.50	35.95	-44.00	-43.96	35.90	-1.90	3551.49	-1.062e+04	-1.059e+04	3525.10	-611.01
571	8	89	0.66	7.21	-8.68	-8.67	7.20	-0.38	907.58	-1166.78	-1112.39	853.19	331.44
		90	0.62	7.04	-8.72	-8.71	7.03	-0.38	700.00	-1208.26	-1157.54	649.28	306.95
		21	0.64	7.01	-8.83	-8.82	7.00	-0.38	619.68	-1324.29	-1321.16	616.55	-77.91
		20	0.68	7.19	-8.80	-8.79	7.18	-0.38	821.31	-1287.76	-1285.10	818.65	-74.79
571	11	89	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.11	1043.13	142.99	-59.25
		90	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	-56.13
		21	0.31	0.0	0.0	0.0	0.0	0.0	1058.65	198.53	1054.97	202.21	56.13
		20	0.31	0.0	0.0	0.0	0.0	0.0	1047.01	139.10	1043.13	142.99	59.25
572	1	90	6.12	47.40	-50.12	-50.07	47.36	-2.17	2297.30	-1.197e+04	-1.177e+04	2093.59	1692.82
		91	5.91	46.35	-50.34	-50.30	46.30	-2.17	1137.59	-1.221e+04	-1.202e+04	950.09	1570.61
		22	6.12	46.21	-51.03	-50.99	46.17	-2.17	831.42	-1.283e+04	-1.280e+04	794.49	-709.47
		21	6.32	47.26	-50.84	-50.79	47.21	-2.17	1964.17	-1.262e+04	-1.259e+04	1929.80	-707.26
572	5	90	4.05	31.60	-33.41	-33.38	31.57	-1.45	1547.65	-7897.50	-7761.79	1411.94	1124.02
		91	3.91	30.90	-33.56	-33.53	30.87	-1.45	778.81	-8051.41	-7926.50	653.90	1042.77
		22	4.05	30.81	-34.02	-33.99	30.78	-1.45	574.52	-8469.54	-8445.18	550.17	-468.68
		21	4.18	31.51	-33.90	-33.86	31.47	-1.45	1325.38	-8330.41	-8307.77	1302.74	-466.98
572	8	90	0.63	6.32	-6.68	-6.68	6.31	-0.29	406.13	-1069.61	-1042.66	379.17	197.62
		91	0.60	6.18	-6.71	-6.71	6.17	-0.29	278.13	-1095.20	-1070.44	253.37	182.73
		22	0.63	6.16	-6.80	-6.80	6.16	-0.29	235.90	-1177.44	-1174.17	232.63	-67.91
		21	0.66	6.30	-6.78	-6.77	6.29	-0.29	360.23	-1154.75	-1151.85	357.33	-66.22

572	11	90	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	-33.96
		91	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	-32.26
		22	0.24	0.0	0.0	0.0	0.0	0.0	646.09	151.71	643.97	153.83	32.26
		21	0.24	0.0	0.0	0.0	0.0	0.0	639.75	119.36	637.52	121.58	33.96
573	1	91	5.39	40.74	-37.03	-36.99	40.71	-1.59	555.97	-8220.25	-8120.80	456.52	928.91
		92	5.25	39.94	-37.20	-37.17	39.91	-1.59	-89.68	-8349.83	-8259.09	-180.43	861.00
		23	5.45	39.83	-37.76	-37.73	39.80	-1.59	-244.50	-8739.95	-8713.20	-271.25	-475.92
		22	5.58	40.63	-37.61	-37.58	40.60	-1.59	386.26	-8622.72	-8597.62	361.16	-474.84
573	5	91	3.57	27.16	-24.68	-24.66	27.14	-1.06	381.93	-5433.55	-5367.34	315.72	616.96
		92	3.48	26.63	-24.80	-24.78	26.60	-1.06	-46.42	-5519.52	-5459.11	-106.82	571.79
		23	3.61	26.55	-25.17	-25.15	26.53	-1.06	-149.68	-5779.54	-5761.86	-167.37	-315.07
		22	3.70	27.09	-25.07	-25.05	27.06	-1.06	268.73	-5701.81	-5685.22	252.14	-314.25
573	8	91	0.58	5.43	-4.94	-4.93	5.43	-0.21	143.87	-807.21	-794.43	131.09	109.50
		92	0.56	5.33	-4.96	-4.96	5.32	-0.21	70.76	-821.88	-810.28	59.15	101.13
		23	0.59	5.31	-5.03	-5.03	5.31	-0.21	49.73	-873.52	-870.82	47.04	-49.78
		22	0.61	5.42	-5.01	-5.01	5.41	-0.21	120.82	-860.46	-858.01	118.38	-48.95
573	11	91	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	-17.36
		92	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	-16.53
		23	0.18	0.0	0.0	0.0	0.0	0.0	353.17	99.89	352.08	100.97	16.53
		22	0.18	0.0	0.0	0.0	0.0	0.0	350.08	84.14	348.94	85.28	17.36
574	1	92	4.30	34.22	-25.12	-25.10	34.20	-1.08	-37.55	-4627.37	-4584.76	-80.15	440.14
		93	4.21	33.64	-25.25	-25.23	33.62	-1.08	-346.35	-4689.53	-4650.91	-384.97	407.74
		24	4.37	33.55	-25.67	-25.65	33.53	-1.08	-414.71	-4893.35	-4877.72	-430.33	-264.07
		23	4.45	34.13	-25.56	-25.54	34.11	-1.08	-112.91	-4837.13	-4822.37	-127.67	-263.65
574	5	92	2.85	22.81	-16.75	-16.73	22.80	-0.72	-18.61	-3064.09	-3035.73	-46.96	292.49
		93	2.79	22.42	-16.83	-16.82	22.41	-0.72	-223.67	-3105.37	-3079.67	-249.37	270.93
		24	2.90	22.37	-17.11	-17.10	22.35	-0.72	-269.25	-3241.23	-3230.87	-279.61	-175.14
		23	2.95	22.75	-17.04	-17.03	22.74	-0.72	-68.87	-3203.92	-3194.14	-78.65	-174.83
574	8	92	0.49	4.56	-3.35	-3.35	4.56	-0.14	34.68	-487.89	-482.49	29.28	52.84
		93	0.47	4.48	-3.37	-3.36	4.48	-0.14	-1.45	-495.17	-490.30	-6.32	48.78
		24	0.49	4.47	-3.42	-3.42	4.47	-0.14	-10.64	-522.26	-520.54	-12.36	-29.63
		23	0.51	4.55	-3.41	-3.41	4.55	-0.14	24.54	-515.77	-514.17	22.94	-29.31
574	11	92	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	-7.06
		93	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	-6.74
		24	0.11	0.0	0.0	0.0	0.0	0.0	157.50	54.17	157.06	54.61	6.74
		23	0.11	0.0	0.0	0.0	0.0	0.0	156.30	48.05	155.84	48.52	7.06
575	1	93	2.85	27.80	-14.34	-14.33	27.79	-0.61	-88.87	-1891.92	-1877.31	-103.48	161.67
		94	2.79	27.41	-14.43	-14.42	27.40	-0.61	-201.64	-1914.68	-1901.46	-214.86	149.88
		25	2.89	27.35	-14.72	-14.71	27.34	-0.61	-225.54	-1994.05	-1987.51	-232.07	-107.28
		24	2.94	27.74	-14.65	-14.64	27.73	-0.61	-115.27	-1973.47	-1967.27	-121.47	-107.19
575	5	93	1.89	18.53	-9.56	-9.55	18.53	-0.41	-56.43	-1254.84	-1245.11	-66.16	107.54
		94	1.86	18.27	-9.62	-9.61	18.27	-0.41	-131.42	-1269.97	-1261.18	-140.22	99.69
		25	1.92	18.23	-9.82	-9.81	18.23	-0.41	-147.35	-1322.88	-1318.54	-151.69	-71.30
		24	1.96	18.49	-9.77	-9.76	18.49	-0.41	-74.04	-1309.21	-1305.09	-78.16	-71.22
575	8	93	0.34	3.71	-1.91	-1.91	3.71	-0.08	5.52	-212.32	-210.45	3.66	20.08
		94	0.33	3.65	-1.92	-1.92	3.65	-0.08	-8.29	-215.11	-213.43	-9.98	18.57
		25	0.35	3.65	-1.96	-1.96	3.65	-0.08	-11.49	-225.68	-224.90	-12.27	-12.89
		24	0.35	3.70	-1.95	-1.95	3.70	-0.08	1.99	-223.18	-222.45	1.26	-12.82
575	11	93	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	-1.78
		94	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	-1.70
		25	0.06	0.0	0.0	0.0	0.0	0.0	48.59	22.54	48.48	22.66	1.70
		24	0.06	0.0	0.0	0.0	0.0	0.0	48.30	21.07	48.19	21.19	1.78
576	1	94	1.30	21.50	-4.52	-4.52	21.49	-0.20	-9.00	-398.79	-395.73	-12.05	34.37
		48	1.27	21.27	-4.57	-4.57	21.27	-0.20	-32.01	-403.43	-400.66	-34.78	31.98
		4	1.30	21.24	-4.74	-4.74	21.23	-0.20	-37.03	-420.10	-418.73	-38.40	-22.90
		25	1.33	21.46	-4.70	-4.70	21.46	-0.20	-14.51	-415.90	-414.59	-15.82	-22.90
576	5	94	0.86	14.33	-3.01	-3.01	14.33	-0.13	-5.12	-264.94	-262.91	-7.15	22.91
		48	0.84	14.18	-3.04	-3.04	14.18	-0.13	-20.46	-268.04	-266.19	-22.31	21.32
		4	0.87	14.16	-3.16	-3.16	14.16	-0.13	-23.80	-279.15	-278.24	-24.72	-15.26
		25	0.89	14.31	-3.14	-3.13	14.30	-0.13	-8.79	-276.35	-275.48	-9.67	-15.26
576	8	94	0.17	2.87	-0.60	-0.60	2.87	-0.03	4.24	-47.48	-47.08	3.84	4.57
		48	0.16	2.84	-0.61	-0.61	2.84	-0.03	1.19	-48.10	-47.73	0.82	4.25
		4	0.17	2.83	-0.63	-0.63	2.83	-0.03	0.52	-50.32	-50.14	0.34	-3.04
		25	0.17	2.86	-0.63	-0.63	2.86	-0.03	3.51	-49.76	-49.59	3.33	-3.04
576	11	94	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	-0.02
		48	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	-0.02
		4	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.63	6.87	6.63	0.02
		25	0.02	0.0	0.0	0.0	0.0	0.0	6.87	6.61	6.87	6.61	0.02

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**
			-658.80	-544.55	-404.70	-487.39		-2.092e+06	-2.080e+06	-1.369e+06	-4.963e+05
	68.35	658.80		544.55	404.70	487.39	1.989e+06		1.978e+06	1.267e+06	4.963e+05

VERIFICHE ELEMENTI PARETE E 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 fattore 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.

Per gli elementi di fondazione si fa riferimento al paragrafo 7.2.5 del D.M.17/01/2018 che 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"*

[...]

Le strutture delle fondazioni superficiali devono essere progettate per le azioni definite al precedente capoverso, assumendo un comportamento non dissipativo; non sono quindi necessarie armature specifiche per ottenere un comportamento duttile."

Nel caso di comportamento strutturale dissipativo l'incremento delle sollecitazioni sopracitato viene eseguito come previsto dall'Eurocodice

$$E_{Fd} = E_{F,G} + \gamma_{Rd} \Omega E_{F,E}$$

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.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione di tipo "*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 di tipo "*Parete Sismica" e "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

Sia per le verifiche degli elementi con progettazione di tipo "*Singolo Elemento …*" e "*Parete …*" 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, NV oppure ok Av** (verificata, ma con richiesta di armatura a taglio)
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

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
1	400.00	10	8	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	0.03	0.1	9.04e-05	160.8	160.8	160.8	160.8	-9.7	-7.1	-0.1	-3.302e+05	-1.665e+05	7051.0
2	ok	0.03	0.8	4.93e-03	160.8	160.8	160.8	160.8	66.2	44.8	1.3	1.989e+06	1.112e+06	1.508e+04
3	ok	0.03	0.7	4.75e-03	160.8	160.8	160.8	160.8	-508.3	36.3	6.5	1.879e+06	1.162e+06	-444.0
5	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	23.0	10.9	1.1	6.475e+05	1.854e+05	2.526e+04
6	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	36.8	20.3	-1.3	1.059e+06	4.466e+05	-2.495e+04
7	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	50.8	29.3	1.6	1.496e+06	6.854e+05	2.936e+04
8	ok	0.03	0.8	0.0	160.8	160.8	160.8	160.8	64.9	38.4	2.0	1.954e+06	9.351e+05	3.406e+04
49	ok	0.03	0.8	5.16e-03	160.8	160.8	160.8	160.8	65.3	44.6	1.2	1.943e+06	1.127e+06	8.916e+04
50	ok	0.03	0.7	4.95e-03	160.8	160.8	160.8	160.8	-530.3	31.6	-8.8	1.847e+06	1.172e+06	5.174e+04
51	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	21.4	10.8	3.1	5.912e+05	1.964e+05	1.136e+05
52	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	36.1	20.2	1.2	1.027e+06	4.567e+05	7.524e+04
53	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	49.9	29.1	1.5	1.452e+06	6.993e+05	9.820e+04
54	ok	0.03	0.8	0.0	160.8	160.8	160.8	160.8	63.7	38.1	1.8	1.896e+06	9.536e+05	1.258e+05
72	ok	0.03	0.8	5.16e-03	160.8	160.8	160.8	160.8	65.3	44.6	-1.2	1.943e+06	1.127e+06	-8.916e+04
73	ok	0.03	0.7	4.95e-03	160.8	160.8	160.8	160.8	-530.3	31.6	8.8	1.847e+06	1.172e+06	-5.174e+04
74	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	21.4	10.8	-3.1	5.912e+05	1.964e+05	-1.136e+05
75	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	36.1	20.2	-1.2	1.027e+06	4.567e+05	-7.524e+04
76	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	49.9	29.1	-1.5	1.452e+06	6.993e+05	-9.820e+04
77	ok	0.03	0.8	0.0	160.8	160.8	160.8	160.8	63.7	38.1	-1.8	1.896e+06	9.536e+05	-1.258e+05
95	ok	0.03	0.7	5.61e-03	160.8	160.8	160.8	160.8	60.3	40.9	3.3	1.775e+06	1.047e+06	1.707e+05
96	ok	0.03	0.7	5.32e-03	160.8	160.8	160.8	160.8	-565.4	73.9	-53.6	1.728e+06	1.058e+06	1.022e+05
97	ok	0.03	0.2	0.0	160.8	160.8	160.8	160.8	20.0	10.3	2.7	5.239e+05	2.121e+05	1.307e+05
98	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	32.7	18.9	3.2	9.074e+05	4.478e+05	1.487e+05
99	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	45.4	27.1	4.1	1.292e+06	6.776e+05	1.918e+05
100	ok	0.03	0.7	0.0	160.8	160.8	160.8	160.8	58.1	35.4	4.9	1.688e+06	9.222e+05	2.415e+05
118	ok	0.03	0.7	5.99e-03	160.8	160.8	160.8	160.8	51.8	33.9	5.4	1.505e+06	8.704e+05	2.392e+05
119	ok	0.03	0.6	5.66e-03	160.8	160.8	160.8	160.8	-575.6	124.8	-150.7	1.516e+06	8.409e+05	1.765e+05
120	ok	0.03	0.2	0.0	160.8	160.8	160.8	160.8	16.2	9.2	3.6	3.857e+05	2.149e+05	1.507e+05
121	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	27.2	16.1	4.6	7.273e+05	4.006e+05	1.861e+05
122	ok	0.03	0.5	0.0	160.8	160.8	160.8	160.8	38.0	23.0	5.9	1.049e+06	5.979e+05	2.422e+05
123	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	48.8	30.0	7.2	1.373e+06	8.123e+05	3.025e+05
141	ok	0.03	0.5	6.15e-03	160.8	160.8	160.8	160.8	39.9	24.4	7.5	1.146e+06	6.145e+05	3.059e+05
142	ok	0.03	0.5	5.83e-03	160.8	160.8	160.8	160.8	-516.6	137.2	-286.8	1.196e+06	5.651e+05	2.803e+05
143	ok	0.03	0.1	0.0	160.8	160.8	160.8	160.8	11.6	7.0	3.8	2.417e+05	1.766e+05	1.343e+05
144	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	20.3	11.9	5.4	5.162e+05	3.015e+05	1.958e+05
145	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	28.5	16.9	7.1	7.581e+05	4.469e+05	2.609e+05
146	ok	0.03	0.5	0.0	160.8	160.8	160.8	160.8	36.7	21.9	8.8	9.972e+05	6.080e+05	3.245e+05
164	ok	0.03	0.4	6.00e-03	160.8	160.8	160.8	160.8	25.1	13.4	9.7	7.065e+05	3.117e+05	3.739e+05
165	ok	0.03	0.4	5.74e-03	160.8	160.8	160.8	160.8	-366.4	84.3	-417.0	7.603e+05	2.787e+05	3.931e+05
166	ok	0.03	8.54e-02	2.19e-05	160.8	160.8	160.8	160.8	6.9	3.8	3.7	1.134e+05	8.805e+04	1.067e+05
167	ok	0.03	0.2	1.64e-05	160.8	160.8	160.8	160.8	12.4	6.5	6.0	2.929e+05	1.526e+05	1.967e+05
168	ok	0.03	0.3	2.19e-05	160.8	160.8	160.8	160.8	17.5	9.2	8.1	4.429e+05	2.320e+05	2.705e+05
169	ok	0.03	0.3	2.66e-05	160.8	160.8	160.8	160.8	22.7	11.9	10.2	5.886e+05	3.205e+05	3.368e+05
187	ok	0.03	0.3	5.51e-03	160.8	160.8	160.8	160.8	157.6	39.3	-488.7	-2.990e+05	-9.349e+04	4.453e+05
188	ok	0.03	0.3	5.37e-03	160.8	160.8	160.8	160.8	142.0	23.6	-488.7	-3.195e+05	-9.758e+04	4.767e+05
189	ok	0.03	7.39e-02	4.65e-05	160.8	160.8	160.8	160.8	-1.8	-0.4	3.4	-8.855e+04	-5.261e+04	1.082e+05
190	ok	0.03	0.1	8.29e-05	160.8	160.8	160.8	160.8	-3.9	-0.3	6.6	-1.507e+05	-6.731e+04	2.062e+05
191	ok	0.03	0.2	1.16e-04	160.8	160.8	160.8	160.8	-5.5	-0.6	9.0	-2.007e+05	-7.927e+04	2.895e+05
192	ok	0.03	0.2	1.48e-04	160.8	160.8	160.8	160.8	-7.2	-1.0	11.4	-2.487e+05	-9.137e+04	3.627e+05
210	ok	0.03	0.4	4.73e-03	160.8	160.8	160.8	160.8	-25.1	-13.4	9.7	-8.029e+05	-4.134e+05	3.759e+05
211	ok	0.03	0.5	4.73e-03	160.8	160.8	160.8	160.8	366.4	-84.3	-417.0	-8.510e+05	-3.649e+05	3.914e+05
212	ok	0.03	0.1	8.76e-05	160.8	160.8	160.8	160.8	-6.9	-3.8	3.7	-2.012e+05	-1.770e+05	1.072e+05
213	ok	0.03	0.2	1.50e-04	160.8	160.8	160.8	160.8	-12.4	-6.5	6.0	-3.823e+05	-2.445e+05	1.976e+05
214	ok	0.03	0.3	2.10e-04	160.8	160.8	160.8	160.8	-17.5	-9.2	8.1	-5.346e+05	-3.279e+05	2.721e+05
215	ok	0.03	0.4	2.69e-04	160.8	160.8	160.8	160.8	-22.7	-11.9	10.2	-6.832e+05	-4.217e+05	3.394e+05
233	ok	0.03	0.6	3.69e-03	160.8	160.8	160.8	160.8	-39.9	-24.4	7.5	-1.243e+06	-7.149e+05	3.090e+05
234	ok	0.03	0.6	3.86e-03	160.8	160.8	160.8	160.8	516.6	-137.2	-286.8	-1.285e+06	-6.525e+05	2.777e+05
235	ok	0.03	0.2	1.28e-04	160.8	160.8	160.8	160.8	-11.6	-7.0	3.8	-3.298e+05	-2.653e+05	1.349e+05
236	ok	0.03	0.3	2.14e-04	160.8	160.8	160.8	160.8	-20.3	-11.9	5.4	-6.063e+05	-3.927e+05	1.972e+05
237	ok	0.03	0.4	2.98e-04	160.8	160.8	160.8	160.8	-28.5	-16.9	7.1	-8.508e+05	-5.417e+05	2.634e+05
238	ok	0.03	0.5	3.81e-04	160.8	160.8	160.8	160.8	-36.7	-21.9	8.8	-1.094e+06	-7.075e+05	3.284e+05
256	ok	0.03	0.7	2.49e-03	160.8	160.8	160.8	160.8	-51.8	-33.9	5.4	-1.604e+06	-9.691e+05	2.425e+05
257	ok	0.03	0.7	2.85e-03	160.8	160.8	160.8	160.8	575.6	-124.8	-150.7	-1.604e+06	-9.297e+05	1.736e+05
258	ok	0.03	0.2	1.65e-04	160.8	160.8	160.8	160.8	-16.2	-9.2	3.6	-4.742e+05	-3.032e+05	1.514e+05
259	ok	0.03	0.4	2.70e-04	160.8	160.8	160.8	160.8	-27.2	-16.1	4.6	-8.181e+05	-4.911e+05	1.877e+05
260	ok	0.03	0.5	3.74e-04	160.8	160.8	160.8	160.8	-38.0	-23.0	5.9	-1.143e+06	-6.914e+05	2.449e+05
261	ok	0.03	0.7	4.78e-04	160.8	160.8	160.8	160.8	-48.8	-30.0	7.2	-1.471e+06	-9.097e+05	3.066e+05
279	ok	0.03	0.8	1.25e-03	160.8	160.8	160.8	160.8	-60.3	-40.9	3.3	-1.876e+06	-1.144e+06	1.734e+05

280	ok	0.03	0.8	1.81e-03	160.8	160.8	160.8	160.8	565.4	-73.9	-53.6	-1.815e+06	-1.148e+06	9.995e+04
281	ok	0.03	0.3	1.93e-04	160.8	160.8	160.8	160.8	-20.0	-10.3	2.7	-6.127e+05	-3.001e+05	1.313e+05
282	ok	0.03	0.4	3.12e-04	160.8	160.8	160.8	160.8	-32.7	-18.9	3.2	-9.989e+05	-5.375e+05	1.500e+05
283	ok	0.03	0.6	4.32e-04	160.8	160.8	160.8	160.8	-45.4	-27.1	4.1	-1.387e+06	-7.698e+05	1.939e+05
284	ok	0.03	0.8	5.52e-04	160.8	160.8	160.8	160.8	-58.1	-35.4	4.9	-1.788e+06	-1.018e+06	2.448e+05
302	ok	0.03	0.8	6.10e-04	160.8	160.8	160.8	160.8	-65.3	-44.6	1.2	-2.045e+06	-1.223e+06	9.044e+04
303	ok	0.03	0.8	9.03e-04	160.8	160.8	160.8	160.8	530.3	-31.6	-8.8	-1.933e+06	-1.264e+06	5.065e+04
304	ok	0.03	0.3	2.11e-04	160.8	160.8	160.8	160.8	-21.4	-10.8	3.1	-6.802e+05	-2.843e+05	1.140e+05
305	ok	0.03	0.5	3.38e-04	160.8	160.8	160.8	160.8	-36.1	-20.2	1.2	-1.119e+06	-5.460e+05	7.583e+04
306	ok	0.03	0.6	4.67e-04	160.8	160.8	160.8	160.8	-49.9	-29.1	1.5	-1.549e+06	-7.906e+05	9.923e+04
307	ok	0.03	0.8	5.96e-04	160.8	160.8	160.8	160.8	-63.7	-38.1	1.8	-1.998e+06	-1.048e+06	1.274e+05
325	ok	0.03	0.9	6.19e-04	160.8	160.8	160.8	160.8	-66.2	-44.8	-1.3	-2.092e+06	-1.207e+06	-1.551e+04
326	ok	0.03	0.8	3.40e-04	160.8	160.8	160.8	160.8	508.3	-36.3	-6.5	-1.965e+06	-1.253e+06	72.3
327	ok	0.03	0.3	2.16e-04	160.8	160.8	160.8	160.8	-23.0	-10.9	1.1	-7.366e+05	-2.731e+05	2.535e+04
328	ok	0.03	0.5	3.45e-04	160.8	160.8	160.8	160.8	-36.8	-20.3	1.3	-1.151e+06	-5.357e+05	2.515e+04
329	ok	0.03	0.7	4.76e-04	160.8	160.8	160.8	160.8	-50.8	-29.3	1.6	-1.592e+06	-7.766e+05	2.971e+04
330	ok	0.03	0.8	6.07e-04	160.8	160.8	160.8	160.8	-64.9	-38.4	-2.0	-2.056e+06	-1.029e+06	-3.460e+04
348	ok	0.03	0.8	6.10e-04	160.8	160.8	160.8	160.8	-65.3	-44.6	-1.2	-2.045e+06	-1.223e+06	-9.044e+04
349	ok	0.03	0.8	9.03e-04	160.8	160.8	160.8	160.8	530.3	-31.6	8.8	-1.933e+06	-1.264e+06	-5.065e+04
350	ok	0.03	0.3	2.11e-04	160.8	160.8	160.8	160.8	-21.4	-10.8	-3.1	-6.802e+05	-2.843e+05	-1.140e+05
351	ok	0.03	0.5	3.38e-04	160.8	160.8	160.8	160.8	-36.1	-20.2	-1.2	-1.119e+06	-5.460e+05	-7.583e+04
352	ok	0.03	0.6	4.67e-04	160.8	160.8	160.8	160.8	-49.9	-29.1	-1.5	-1.549e+06	-7.906e+05	-9.923e+04
353	ok	0.03	0.8	5.96e-04	160.8	160.8	160.8	160.8	-63.7	-38.1	-1.8	-1.998e+06	-1.048e+06	-1.274e+05
371	ok	0.03	0.8	1.25e-03	160.8	160.8	160.8	160.8	-60.3	-40.9	-3.3	-1.876e+06	-1.144e+06	-1.734e+05
372	ok	0.03	0.8	1.81e-03	160.8	160.8	160.8	160.8	565.4	-73.9	53.6	-1.815e+06	-1.148e+06	-9.995e+04
373	ok	0.03	0.3	1.93e-04	160.8	160.8	160.8	160.8	-20.0	-10.3	-2.7	-6.127e+05	-3.001e+05	-1.313e+05
374	ok	0.03	0.4	3.12e-04	160.8	160.8	160.8	160.8	-32.7	-18.9	-3.2	-9.989e+05	-5.375e+05	-1.500e+05
375	ok	0.03	0.6	4.32e-04	160.8	160.8	160.8	160.8	-45.4	-27.1	-4.1	-1.387e+06	-7.698e+05	-1.939e+05
376	ok	0.03	0.8	5.52e-04	160.8	160.8	160.8	160.8	-58.1	-35.4	-4.9	-1.788e+06	-1.018e+06	-2.448e+05
394	ok	0.03	0.7	2.49e-03	160.8	160.8	160.8	160.8	-51.8	-33.9	-5.4	-1.604e+06	-9.691e+05	-2.425e+05
395	ok	0.03	0.7	2.85e-03	160.8	160.8	160.8	160.8	575.6	-124.8	150.7	-1.604e+06	-9.297e+05	-1.736e+05
396	ok	0.03	0.2	1.65e-04	160.8	160.8	160.8	160.8	-16.2	-9.2	-3.6	-4.742e+05	-3.032e+05	-1.514e+05
397	ok	0.03	0.4	2.70e-04	160.8	160.8	160.8	160.8	-27.2	-16.1	-4.6	-8.181e+05	-4.911e+05	-1.877e+05
398	ok	0.03	0.5	3.74e-04	160.8	160.8	160.8	160.8	-38.0	-23.0	-5.9	-1.143e+06	-6.914e+05	-2.449e+05
399	ok	0.03	0.7	4.78e-04	160.8	160.8	160.8	160.8	-48.8	-30.0	-7.2	-1.471e+06	-9.097e+05	-3.066e+05
417	ok	0.03	0.6	3.69e-03	160.8	160.8	160.8	160.8	-39.9	-24.4	-7.5	-1.243e+06	-7.149e+05	-3.090e+05
418	ok	0.03	0.6	3.86e-03	160.8	160.8	160.8	160.8	516.6	-137.2	286.8	-1.285e+06	-6.525e+05	-2.777e+05
419	ok	0.03	0.2	1.28e-04	160.8	160.8	160.8	160.8	-11.6	-7.0	-3.8	-3.298e+05	-2.653e+05	-1.349e+05
420	ok	0.03	0.3	2.14e-04	160.8	160.8	160.8	160.8	-20.3	-11.9	-5.4	-6.063e+05	-3.927e+05	-1.972e+05
421	ok	0.03	0.4	2.98e-04	160.8	160.8	160.8	160.8	-28.5	-16.9	-7.1	-8.508e+05	-5.417e+05	-2.634e+05
422	ok	0.03	0.5	3.81e-04	160.8	160.8	160.8	160.8	-36.7	-21.9	-8.8	-1.094e+06	-7.075e+05	-3.284e+05
440	ok	0.03	0.4	4.73e-03	160.8	160.8	160.8	160.8	-25.1	-13.4	-9.7	-8.029e+05	-4.134e+05	-3.759e+05
441	ok	0.03	0.5	4.73e-03	160.8	160.8	160.8	160.8	366.4	-84.3	417.0	-8.510e+05	-3.649e+05	-3.914e+05
442	ok	0.03	0.1	8.76e-05	160.8	160.8	160.8	160.8	-6.9	-3.8	-3.7	-2.012e+05	-1.770e+05	-1.072e+05
443	ok	0.03	0.2	1.50e-04	160.8	160.8	160.8	160.8	-12.4	-6.5	-6.0	-3.823e+05	-2.445e+05	-1.976e+05
444	ok	0.03	0.3	2.10e-04	160.8	160.8	160.8	160.8	-17.5	-9.2	-8.1	-5.346e+05	-3.279e+05	-2.721e+05
445	ok	0.03	0.4	2.69e-04	160.8	160.8	160.8	160.8	-22.7	-11.9	-10.2	-6.832e+05	-4.217e+05	-3.394e+05
463	ok	0.03	0.3	5.51e-03	160.8	160.8	160.8	160.8	157.6	39.3	488.7	-2.990e+05	-9.349e+04	-4.453e+05
464	ok	0.03	0.3	5.37e-03	160.8	160.8	160.8	160.8	142.0	23.6	488.7	-3.195e+05	-9.758e+04	-4.767e+05
465	ok	0.03	7.39e-02	4.65e-05	160.8	160.8	160.8	160.8	-1.8	-0.4	-3.4	-8.855e+04	-5.261e+04	-1.082e+05
466	ok	0.03	0.1	8.29e-05	160.8	160.8	160.8	160.8	-3.9	-0.3	-6.6	-1.507e+05	-6.731e+04	-2.062e+05
467	ok	0.03	0.2	1.16e-04	160.8	160.8	160.8	160.8	-5.5	-0.6	-9.0	-2.007e+05	-7.927e+04	-2.895e+05
468	ok	0.03	0.2	1.48e-04	160.8	160.8	160.8	160.8	-7.2	-1.0	-11.4	-2.487e+05	-9.137e+04	-3.627e+05
486	ok	0.03	0.4	6.00e-03	160.8	160.8	160.8	160.8	25.1	13.4	-9.7	7.065e+05	3.117e+05	-3.739e+05
487	ok	0.03	0.4	5.74e-03	160.8	160.8	160.8	160.8	-366.4	84.3	417.0	7.603e+05	2.787e+05	-3.931e+05
488	ok	0.03	8.54e-02	2.19e-05	160.8	160.8	160.8	160.8	6.9	3.8	-3.7	1.134e+05	8.805e+04	-1.067e+05
489	ok	0.03	0.2	1.64e-05	160.8	160.8	160.8	160.8	12.4	6.5	-6.0	2.929e+05	1.526e+05	-1.967e+05
490	ok	0.03	0.3	2.19e-05	160.8	160.8	160.8	160.8	17.5	9.2	-8.1	4.429e+05	2.320e+05	-2.705e+05
491	ok	0.03	0.3	2.66e-05	160.8	160.8	160.8	160.8	22.7	11.9	-10.2	5.886e+05	3.205e+05	-3.368e+05
509	ok	0.03	0.5	6.15e-03	160.8	160.8	160.8	160.8	39.9	24.4	-7.5	1.146e+06	6.145e+05	-3.059e+05
510	ok	0.03	0.5	5.83e-03	160.8	160.8	160.8	160.8	-516.6	137.2	286.8	1.196e+06	5.651e+05	-2.803e+05
511	ok	0.03	0.1	0.0	160.8	160.8	160.8	160.8	11.6	7.0	-3.8	2.417e+05	1.766e+05	-1.343e+05
512	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	20.3	11.9	-5.4	5.162e+05	3.015e+05	-1.958e+05
513	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	28.5	16.9	-7.1	7.581e+05	4.469e+05	-2.609e+05
514	ok	0.03	0.5	0.0	160.8	160.8	160.8	160.8	36.7	21.9	-8.8	9.972e+05	6.080e+05	-3.245e+05
532	ok	0.03	0.7	5.99e-03	160.8	160.8	160.8	160.8	51.8	33.9	-5.4	1.505e+06	8.704e+05	-2.392e+05
533	ok	0.03	0.6	5.66e-03	160.8	160.8	160.8	160.8	-575.6	124.8	150.7	1.516e+06	8.409e+05	-1.765e+05
534	ok	0.03	0.2	0.0	160.8	160.8	160.8	160.8	16.2	9.2	-3.6	3.857e+05	2.149e+05	-1.507e+05
535	ok	0.03	0.3	0.0	160.8	160.8	160.8	160.8	27.2	16.1	-4.6	7.273e+05	4.006e+05	-1.861e+05
536	ok	0.03	0.5	0.0	160.8	160.8	160.8	160.8	38.0	23.0	-5.9	1.049e+06	5.979e+05	-2.422e+05
537	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	48.8	30.0	-7.2	1.373e+06	8.123e+05	-3.025e+05
555	ok	0.03	0.7	5.61e-03	160.8	160.8	160.8	160.8	60.3	40.9	-3.3	1.775e+06	1.047e+06	-1.707e+05
556	ok	0.03	0.7	5.32e-03	160.8	160.8	160.8	160.8	-565.4	73.9	53.6	1.728e+06	1.058e+06	-1.022e+05
557	ok	0.03	0.2	0.0	160.8	160.8	160.8	160.8	20.0	10.3	-2.7	5.239e+05	2.121e+05	-1.307e+05
558	ok	0.03	0.4	0.0	160.8	160.8	160.8	160.8	32.7	18.9	-3.2	9.074e+05	4.478e+05	-1.487e+05
559	ok	0.03	0.6	0.0	160.8	160.8	160.8	160.8	45.4	27.1	-4.1	1.292e+06	6.776e+05	-1.918e+05
560	ok	0.03	0.7	0.0	160.8	160.8	160.8	160.8	58.1	35.4	-4.9	1.688e+06	9.222e+05	-2.415e+05

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
								-575.61	-137.23	-488.73	-2.092e+06	-1.264e+06	-4.767e+05
	0.03	0.85	6.15e-03	160.85	160.85	160.85	160.85	575.61	137.23	488.73	1.989e+06	1.172e+06	4.767e+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
1	ok Av	25.85	0.53	2.40e-03	29.4	0.1	1.013e+04	46.0
2	ok Av	34.48	0.69	0.15	38.3	8.1	1.322e+04	2793.4
3	ok Av	34.48	0.69	0.15	38.3	8.1	1.322e+04	2793.4
5	ok Av	26.08	0.53	5.71e-04	29.6	3.17e-02	1.022e+04	10.9
6	ok Av	26.79	0.55	2.48e-03	30.4	0.1	1.050e+04	47.5
7	ok Av	27.76	0.57	5.33e-03	31.5	0.3	1.088e+04	102.1
8	ok Av	28.97	0.59	9.37e-03	32.9	0.5	1.135e+04	179.6
49	ok Av	34.48	0.69	0.40	38.3	22.1	1.322e+04	7619.8
50	ok Av	34.48	0.69	0.40	38.3	22.1	1.322e+04	7619.8
51	ok Av	26.08	0.53	1.52e-03	29.6	8.45e-02	1.022e+04	29.2
52	ok Av	26.79	0.55	6.71e-03	30.4	0.4	1.050e+04	128.5
53	ok Av	27.76	0.57	0.01	31.5	0.8	1.088e+04	277.4
54	ok Av	28.97	0.59	0.03	32.9	1.4	1.135e+04	488.6
72	ok Av	34.48	0.69	0.40	38.3	22.1	1.322e+04	7619.8
73	ok Av	34.48	0.69	0.40	38.3	22.1	1.322e+04	7619.8
74	ok Av	26.08	0.53	1.52e-03	29.6	8.45e-02	1.022e+04	29.2
75	ok Av	26.79	0.55	6.71e-03	30.4	0.4	1.050e+04	128.5
76	ok Av	27.76	0.57	0.01	31.5	0.8	1.088e+04	277.4
77	ok Av	28.97	0.59	0.03	32.9	1.4	1.135e+04	488.6
95	ok Av	32.89	0.58	0.54	32.4	30.1	1.116e+04	1.037e+04
96	ok Av	32.89	0.54	0.54	30.1	30.1	1.039e+04	1.037e+04
97	ok Av	26.05	0.53	1.95e-03	29.6	0.1	1.020e+04	37.4
98	ok Av	26.66	0.55	8.96e-03	30.3	0.5	1.045e+04	171.6
99	ok Av	27.50	0.56	0.02	31.2	1.1	1.077e+04	373.6
100	ok Av	28.52	0.58	0.03	32.4	1.9	1.116e+04	660.9
118	ok Av	29.97	0.57	0.54	31.4	30.1	1.085e+04	1.037e+04
119	ok Av	29.97	0.29	0.54	16.0	30.1	5511.8	1.037e+04
120	ok Av	25.99	0.53	1.95e-03	29.5	0.1	1.018e+04	37.4
121	ok Av	26.44	0.54	8.96e-03	30.0	0.5	1.036e+04	171.6
122	ok Av	27.04	0.55	0.02	30.7	1.1	1.059e+04	373.6
123	ok Av	27.73	0.57	0.03	31.4	1.9	1.085e+04	660.9
141	ok Av	26.80	0.55	0.54	30.4	29.8	1.048e+04	1.029e+04
142	ok Av	26.25	0.26	0.54	14.3	29.8	4948.2	1.029e+04
143	ok Av	25.93	0.53	1.67e-03	29.4	9.28e-02	1.016e+04	32.0
144	ok Av	26.19	0.54	8.52e-03	29.7	0.5	1.026e+04	163.2
145	ok Av	26.51	0.54	0.02	30.1	1.1	1.038e+04	362.3
146	ok Av	26.80	0.55	0.03	30.4	1.9	1.048e+04	646.7
164	ok Av	25.98	0.53	0.38	29.5	21.4	1.017e+04	7373.0
165	ok Av	22.66	0.40	0.38	22.3	21.4	7686.1	7373.0
166	ok Av	25.88	0.53	1.03e-03	29.4	5.71e-02	1.014e+04	19.7
167	ok Av	25.98	0.53	5.42e-03	29.5	0.3	1.018e+04	103.9
168	ok Av	26.05	0.53	0.01	29.6	0.7	1.020e+04	244.1
169	ok Av	26.05	0.53	0.02	29.6	1.3	1.020e+04	447.1
187	ok Av	25.58	0.52	0.17	29.0	9.6	1.002e+04	3305.2
188	ok Av	21.08	0.40	0.17	22.3	9.6	7686.1	3305.2
189	ok Av	25.88	0.53	2.26e-03	29.4	0.1	1.014e+04	43.3
190	ok Av	25.90	0.53	5.14e-03	29.4	0.3	1.015e+04	98.4
191	ok Av	25.90	0.53	8.93e-03	29.4	0.5	1.015e+04	171.1
192	ok Av	25.84	0.53	0.01	29.3	0.8	1.012e+04	265.7
210	ok Av	26.15	0.53	0.43	29.7	23.8	1.023e+04	8215.8
211	ok Av	24.03	0.39	0.43	21.9	23.8	7567.0	8215.8
212	ok Av	25.94	0.53	3.49e-03	29.5	0.2	1.016e+04	66.8
213	ok Av	26.07	0.53	9.80e-03	29.6	0.5	1.021e+04	187.8
214	ok Av	26.18	0.53	0.02	29.7	1.0	1.025e+04	357.7
215	ok Av	26.18	0.53	0.03	29.7	1.7	1.025e+04	588.9
233	ok Av	28.12	0.55	0.57	30.7	31.9	1.057e+04	1.101e+04
234	ok Av	28.12	0.24	0.57	13.3	31.9	4599.1	1.101e+04
235	ok Av	26.02	0.53	4.06e-03	29.6	0.2	1.019e+04	77.8
236	ok Av	26.34	0.54	0.01	29.9	0.7	1.032e+04	235.3
237	ok Av	26.71	0.55	0.02	30.3	1.3	1.045e+04	459.8
238	ok Av	27.06	0.55	0.04	30.7	2.2	1.057e+04	768.5
256	ok Av	32.11	0.57	0.57	31.8	31.9	1.097e+04	1.101e+04
257	ok Av	32.11	0.33	0.57	18.1	31.9	6235.6	1.101e+04
258	ok Av	26.11	0.53	4.06e-03	29.7	0.2	1.023e+04	77.8
259	ok Av	26.63	0.54	0.01	30.2	0.7	1.043e+04	235.3
260	ok Av	27.30	0.56	0.02	31.0	1.3	1.069e+04	459.8
261	ok Av	28.06	0.57	0.04	31.8	2.2	1.097e+04	768.5
279	ok Av	35.16	0.59	0.57	32.8	31.7	1.131e+04	1.093e+04
280	ok Av	35.16	0.59	0.57	32.6	31.7	1.124e+04	1.093e+04

281	ok Av	26.18	0.54	3.78e-03	29.7	0.2	1.026e+04	72.5
282	ok Av	26.88	0.55	0.01	30.5	0.7	1.053e+04	226.9
283	ok Av	27.79	0.57	0.02	31.6	1.3	1.088e+04	448.5
284	ok Av	28.89	0.59	0.04	32.8	2.2	1.131e+04	754.3
302	ok Av	36.80	0.74	0.42	40.9	23.1	1.412e+04	7968.9
303	ok Av	36.80	0.74	0.42	40.9	23.1	1.412e+04	7968.9
304	ok Av	26.22	0.54	2.67e-03	29.8	0.1	1.027e+04	51.2
305	ok Av	27.02	0.55	8.52e-03	30.7	0.5	1.059e+04	163.2
306	ok Av	28.07	0.57	0.02	31.9	0.9	1.100e+04	324.4
307	ok Av	29.36	0.60	0.03	33.3	1.6	1.150e+04	547.4
325	ok Av	36.80	0.74	0.15	40.9	8.4	1.412e+04	2912.5
326	ok Av	36.80	0.74	0.15	40.9	8.4	1.412e+04	2912.5
327	ok Av	26.22	0.54	9.64e-04	29.8	5.36e-02	1.027e+04	18.5
328	ok Av	27.02	0.55	3.10e-03	30.7	0.2	1.059e+04	59.3
329	ok Av	28.07	0.57	6.17e-03	31.9	0.3	1.100e+04	118.2
330	ok Av	29.36	0.60	0.01	33.3	0.6	1.150e+04	199.6
348	ok Av	36.80	0.74	0.42	40.9	23.1	1.412e+04	7968.9
349	ok Av	36.80	0.74	0.42	40.9	23.1	1.412e+04	7968.9
350	ok Av	26.22	0.54	2.67e-03	29.8	0.1	1.027e+04	51.2
351	ok Av	27.02	0.55	8.52e-03	30.7	0.5	1.059e+04	163.2
352	ok Av	28.07	0.57	0.02	31.9	0.9	1.100e+04	324.4
353	ok Av	29.36	0.60	0.03	33.3	1.6	1.150e+04	547.4
371	ok Av	35.16	0.59	0.57	32.8	31.7	1.131e+04	1.093e+04
372	ok Av	35.16	0.59	0.57	32.6	31.7	1.124e+04	1.093e+04
373	ok Av	26.18	0.54	3.78e-03	29.7	0.2	1.026e+04	72.5
374	ok Av	26.88	0.55	0.01	30.5	0.7	1.053e+04	226.9
375	ok Av	27.79	0.57	0.02	31.6	1.3	1.088e+04	448.5
376	ok Av	28.89	0.59	0.04	32.8	2.2	1.131e+04	754.3
394	ok Av	32.11	0.57	0.57	31.8	31.9	1.097e+04	1.101e+04
395	ok Av	32.11	0.33	0.57	18.1	31.9	6235.6	1.101e+04
396	ok Av	26.11	0.53	4.06e-03	29.7	0.2	1.023e+04	77.8
397	ok Av	26.63	0.54	0.01	30.2	0.7	1.043e+04	235.3
398	ok Av	27.30	0.56	0.02	31.0	1.3	1.069e+04	459.8
399	ok Av	28.06	0.57	0.04	31.8	2.2	1.097e+04	768.5
417	ok Av	28.12	0.55	0.57	30.7	31.9	1.057e+04	1.101e+04
418	ok Av	28.12	0.24	0.57	13.3	31.9	4599.1	1.101e+04
419	ok Av	26.02	0.53	4.06e-03	29.6	0.2	1.019e+04	77.8
420	ok Av	26.34	0.54	0.01	29.9	0.7	1.032e+04	235.3
421	ok Av	26.71	0.55	0.02	30.3	1.3	1.045e+04	459.8
422	ok Av	27.06	0.55	0.04	30.7	2.2	1.057e+04	768.5
440	ok Av	26.15	0.53	0.43	29.7	23.8	1.023e+04	8215.8
441	ok Av	24.03	0.39	0.43	21.9	23.8	7567.0	8215.8
442	ok Av	25.94	0.53	3.49e-03	29.5	0.2	1.016e+04	66.8
443	ok Av	26.07	0.53	9.80e-03	29.6	0.5	1.021e+04	187.8
444	ok Av	26.18	0.53	0.02	29.7	1.0	1.025e+04	357.7
445	ok Av	26.18	0.53	0.03	29.7	1.7	1.025e+04	588.9
463	ok Av	25.58	0.52	0.17	29.0	9.6	1.002e+04	3305.2
464	ok Av	21.08	0.40	0.17	22.3	9.6	7686.1	3305.2
465	ok Av	25.88	0.53	2.26e-03	29.4	0.1	1.014e+04	43.3
466	ok Av	25.90	0.53	5.14e-03	29.4	0.3	1.015e+04	98.4
467	ok Av	25.90	0.53	8.93e-03	29.4	0.5	1.015e+04	171.1
468	ok Av	25.84	0.53	0.01	29.3	0.8	1.012e+04	265.7
486	ok Av	25.98	0.53	0.38	29.5	21.4	1.017e+04	7373.0
487	ok Av	22.66	0.40	0.38	22.3	21.4	7686.1	7373.0
488	ok Av	25.88	0.53	1.03e-03	29.4	5.71e-02	1.014e+04	19.7
489	ok Av	25.98	0.53	5.42e-03	29.5	0.3	1.018e+04	103.9
490	ok Av	26.05	0.53	0.01	29.6	0.7	1.020e+04	244.1
491	ok Av	26.05	0.53	0.02	29.6	1.3	1.020e+04	447.1
509	ok Av	26.80	0.55	0.54	30.4	29.8	1.048e+04	1.029e+04
510	ok Av	26.25	0.26	0.54	14.3	29.8	4948.2	1.029e+04
511	ok Av	25.93	0.53	1.67e-03	29.4	9.28e-02	1.016e+04	32.0
512	ok Av	26.19	0.54	8.52e-03	29.7	0.5	1.026e+04	163.2
513	ok Av	26.51	0.54	0.02	30.1	1.1	1.038e+04	362.3
514	ok Av	26.80	0.55	0.03	30.4	1.9	1.048e+04	646.7
532	ok Av	29.97	0.57	0.54	31.4	30.1	1.085e+04	1.037e+04
533	ok Av	29.97	0.29	0.54	16.0	30.1	5511.8	1.037e+04
534	ok Av	25.99	0.53	1.95e-03	29.5	0.1	1.018e+04	37.4
535	ok Av	26.44	0.54	8.96e-03	30.0	0.5	1.036e+04	171.6
536	ok Av	27.04	0.55	0.02	30.7	1.1	1.059e+04	373.6
537	ok Av	27.73	0.57	0.03	31.4	1.9	1.085e+04	660.9
555	ok Av	32.89	0.58	0.54	32.4	30.1	1.116e+04	1.037e+04
556	ok Av	32.89	0.54	0.54	30.1	30.1	1.039e+04	1.037e+04
557	ok Av	26.05	0.53	1.95e-03	29.6	0.1	1.020e+04	37.4
558	ok Av	26.66	0.55	8.96e-03	30.3	0.5	1.045e+04	171.6
559	ok Av	27.50	0.56	0.02	31.2	1.1	1.077e+04	373.6
560	ok Av	28.52	0.58	0.03	32.4	1.9	1.116e+04	660.9

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	36.80	0.74	0.57	40.93	31.91	1.412e+04	1.101e+04

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	350.00	10	8	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
3	ok	0.03	0.6	5.12e-03	160.8	160.8	160.8	160.8	-487.6	19.0	-20.4	1.318e+06	7.895e+05	3489.4
9	ok	0.03	0.6	5.01e-03	160.8	160.8	160.8	160.8	-476.5	74.2	-26.3	1.321e+06	8.040e+05	1982.2
50	ok	0.03	0.6	5.27e-03	160.8	160.8	160.8	160.8	-501.0	16.0	-21.8	1.312e+06	7.916e+05	1.361e+04
55	ok	0.03	0.6	5.14e-03	160.8	160.8	160.8	160.8	-488.1	71.7	-27.5	1.315e+06	8.058e+05	1.066e+04
73	ok	0.03	0.6	5.27e-03	160.8	160.8	160.8	160.8	-501.0	16.0	21.8	1.312e+06	7.916e+05	-1.361e+04
78	ok	0.03	0.6	5.14e-03	160.8	160.8	160.8	160.8	-488.1	71.7	27.5	1.315e+06	8.058e+05	-1.066e+04
96	ok	0.03	0.6	5.37e-03	160.8	160.8	160.8	160.8	-501.4	33.1	-77.0	1.263e+06	6.892e+05	4.705e+04
101	ok	0.03	0.6	5.21e-03	160.8	160.8	160.8	160.8	-482.2	80.2	-91.0	1.270e+06	6.995e+05	4.133e+04
119	ok	0.03	0.5	5.38e-03	160.8	160.8	160.8	160.8	-472.2	52.4	-152.2	1.148e+06	5.158e+05	1.240e+05
124	ok	0.03	0.5	5.19e-03	160.8	160.8	160.8	160.8	-446.6	86.3	-167.8	1.159e+06	5.208e+05	1.188e+05
142	ok	0.03	0.5	5.23e-03	160.8	160.8	160.8	160.8	-396.2	53.6	-238.0	9.361e+05	3.228e+05	2.411e+05
147	ok	0.03	0.5	5.04e-03	160.8	160.8	160.8	160.8	-368.9	74.9	-249.1	9.482e+05	3.237e+05	2.393e+05
165	ok	0.03	0.4	4.89e-03	160.8	160.8	160.8	160.8	-268.0	26.0	-312.2	6.113e+05	1.528e+05	3.638e+05
170	ok	0.03	0.4	4.73e-03	160.8	160.8	160.8	160.8	-246.6	39.0	-316.4	6.212e+05	1.524e+05	3.664e+05
188	ok	0.03	0.3	4.36e-03	160.8	160.8	160.8	160.8	100.5	24.4	-350.6	-2.542e+05	-7.038e+04	4.434e+05
193	ok	0.03	0.3	4.26e-03	160.8	160.8	160.8	160.8	91.6	15.6	-350.6	-2.570e+05	-7.095e+04	4.489e+05
211	ok	0.03	0.4	3.66e-03	160.8	160.8	160.8	160.8	268.0	-26.0	-312.2	-6.703e+05	-2.048e+05	3.611e+05
216	ok	0.03	0.4	3.66e-03	160.8	160.8	160.8	160.8	246.6	-39.0	-316.4	-6.787e+05	-2.039e+05	3.641e+05
234	ok	0.03	0.5	2.84e-03	160.8	160.8	160.8	160.8	396.2	-53.6	-238.0	-9.932e+05	-3.766e+05	2.370e+05
239	ok	0.03	0.5	2.97e-03	160.8	160.8	160.8	160.8	368.9	-74.9	-249.1	-1.004e+06	-3.768e+05	2.358e+05
257	ok	0.03	0.6	1.99e-03	160.8	160.8	160.8	160.8	472.2	-52.4	-152.2	-1.203e+06	-5.718e+05	1.196e+05
262	ok	0.03	0.6	2.25e-03	160.8	160.8	160.8	160.8	446.6	-86.3	-167.8	-1.213e+06	-5.758e+05	1.150e+05
280	ok	0.03	0.6	1.20e-03	160.8	160.8	160.8	160.8	501.4	-33.1	-77.0	-1.316e+06	-7.473e+05	4.353e+04
285	ok	0.03	0.6	1.59e-03	160.8	160.8	160.8	160.8	482.2	-80.2	-91.0	-1.322e+06	-7.563e+05	3.831e+04
303	ok	0.03	0.7	5.67e-04	160.8	160.8	160.8	160.8	501.0	-16.0	-21.8	-1.363e+06	-8.512e+05	1.191e+04
308	ok	0.03	0.7	1.08e-03	160.8	160.8	160.8	160.8	488.1	-71.7	-27.5	-1.366e+06	-8.638e+05	9202.5
326	ok	0.03	0.7	2.07e-04	160.8	160.8	160.8	160.8	487.6	-19.0	-20.4	-1.369e+06	-8.494e+05	2910.3
331	ok	0.03	0.7	7.92e-04	160.8	160.8	160.8	160.8	476.5	-74.2	-26.3	-1.371e+06	-8.623e+05	1485.9
349	ok	0.03	0.7	5.67e-04	160.8	160.8	160.8	160.8	501.0	-16.0	21.8	-1.363e+06	-8.512e+05	-1.191e+04
354	ok	0.03	0.7	1.08e-03	160.8	160.8	160.8	160.8	488.1	-71.7	27.5	-1.366e+06	-8.638e+05	-9202.5
372	ok	0.03	0.6	1.20e-03	160.8	160.8	160.8	160.8	501.4	-33.1	77.0	-1.316e+06	-7.473e+05	-4.353e+04
377	ok	0.03	0.6	1.59e-03	160.8	160.8	160.8	160.8	482.2	-80.2	91.0	-1.322e+06	-7.563e+05	-3.831e+04
395	ok	0.03	0.6	1.99e-03	160.8	160.8	160.8	160.8	472.2	-52.4	152.2	-1.203e+06	-5.718e+05	-1.196e+05
400	ok	0.03	0.6	2.25e-03	160.8	160.8	160.8	160.8	446.6	-86.3	167.8	-1.213e+06	-5.758e+05	-1.150e+05
418	ok	0.03	0.5	2.84e-03	160.8	160.8	160.8	160.8	396.2	-53.6	238.0	-9.932e+05	-3.766e+05	-2.370e+05
423	ok	0.03	0.5	2.97e-03	160.8	160.8	160.8	160.8	368.9	-74.9	249.1	-1.004e+06	-3.768e+05	-2.358e+05
441	ok	0.03	0.4	3.66e-03	160.8	160.8	160.8	160.8	268.0	-26.0	312.2	-6.703e+05	-2.048e+05	-3.611e+05
446	ok	0.03	0.4	3.66e-03	160.8	160.8	160.8	160.8	246.6	-39.0	316.4	-6.787e+05	-2.039e+05	-3.641e+05
464	ok	0.03	0.3	4.36e-03	160.8	160.8	160.8	160.8	100.5	24.4	350.6	-2.542e+05	-7.038e+04	-4.434e+05
469	ok	0.03	0.3	4.26e-03	160.8	160.8	160.8	160.8	91.6	15.6	350.6	-2.570e+05	-7.095e+04	-4.489e+05
487	ok	0.03	0.4	4.89e-03	160.8	160.8	160.8	160.8	-268.0	26.0	312.2	6.113e+05	1.528e+05	-3.638e+05
492	ok	0.03	0.4	4.73e-03	160.8	160.8	160.8	160.8	-246.6	39.0	316.4	6.212e+05	1.524e+05	-3.664e+05
510	ok	0.03	0.5	5.23e-03	160.8	160.8	160.8	160.8	-396.2	53.6	238.0	9.361e+05	3.228e+05	-2.411e+05
515	ok	0.03	0.5	5.04e-03	160.8	160.8	160.8	160.8	-368.9	74.9	249.1	9.482e+05	3.237e+05	-2.393e+05
533	ok	0.03	0.5	5.38e-03	160.8	160.8	160.8	160.8	-472.2	52.4	152.2	1.148e+06	5.158e+05	-1.240e+05
538	ok	0.03	0.5	5.19e-03	160.8	160.8	160.8	160.8	-446.6	86.3	167.8	1.159e+06	5.208e+05	-1.188e+05
556	ok	0.03	0.6	5.37e-03	160.8	160.8	160.8	160.8	-501.4	33.1	77.0	1.263e+06	6.892e+05	-4.705e+04
561	ok	0.03	0.6	5.21e-03	160.8	160.8	160.8	160.8	-482.2	80.2	91.0	1.270e+06	6.995e+05	-4.133e+04

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
								-501.39	-86.34	-350.56	-1.371e+06	-8.638e+05	-4.489e+05
	0.03	0.67	5.38e-03	160.85	160.85	160.85	160.85	501.39	86.34	350.56	1.321e+06	8.058e+05	4.489e+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
3	ok Av	28.97	0.58	0.11	32.3	6.1	9728.3	1842.2
9	ok Av	28.97	0.58	0.11	32.3	6.1	9728.3	1842.2
50	ok Av	28.97	0.58	0.30	32.3	16.7	9728.3	5024.1
55	ok Av	28.97	0.58	0.30	32.3	16.7	9728.3	5024.1
73	ok Av	28.97	0.58	0.30	32.3	16.7	9728.3	5024.1
78	ok Av	28.97	0.58	0.30	32.3	16.7	9728.3	5024.1

96	ok Av	27.30	0.47	0.41	26.1	22.7	7864.4	6833.5
101	ok Av	27.30	0.47	0.41	26.1	22.7	7864.4	6833.5
119	ok Av	24.17	0.28	0.41	15.4	22.7	4640.7	6833.5
124	ok Av	24.17	0.28	0.41	15.4	22.7	4640.7	6833.5
142	ok Av	19.99	0.14	0.41	7.5	22.5	2260.8	6770.1
147	ok Av	19.99	0.14	0.41	7.5	22.5	2260.8	6770.1
165	ok Av	15.62	0.24	0.29	13.5	16.1	4061.3	4838.2
170	ok Av	15.62	0.24	0.29	13.5	16.1	4061.3	4838.2
188	ok Av	13.32	0.24	0.13	13.5	7.4	4061.3	2227.6
193	ok Av	13.32	0.24	0.13	13.5	7.4	4061.3	2227.6
211	ok Av	17.05	0.24	0.33	13.2	18.2	3971.6	5472.9
216	ok Av	17.05	0.24	0.33	13.2	18.2	3971.6	5472.9
234	ok Av	21.76	0.12	0.44	6.6	24.3	1997.9	7315.1
239	ok Av	21.76	0.12	0.44	6.6	24.3	1997.9	7315.1
257	ok Av	26.08	0.31	0.44	17.2	24.3	5185.7	7315.1
262	ok Av	26.08	0.31	0.44	17.2	24.3	5185.7	7315.1
280	ok Av	29.28	0.51	0.43	28.2	24.1	8499.1	7251.7
285	ok Av	29.28	0.51	0.43	28.2	24.1	8499.1	7251.7
303	ok Av	30.97	0.62	0.32	34.6	17.6	1.041e+04	5287.0
308	ok Av	30.97	0.62	0.32	34.6	17.6	1.041e+04	5287.0
326	ok Av	30.97	0.62	0.12	34.6	6.4	1.041e+04	1931.9
331	ok Av	30.97	0.62	0.12	34.6	6.4	1.041e+04	1931.9
349	ok Av	30.97	0.62	0.32	34.6	17.6	1.041e+04	5287.0
354	ok Av	30.97	0.62	0.32	34.6	17.6	1.041e+04	5287.0
372	ok Av	29.28	0.51	0.43	28.2	24.1	8499.1	7251.7
377	ok Av	29.28	0.51	0.43	28.2	24.1	8499.1	7251.7
395	ok Av	26.08	0.31	0.44	17.2	24.3	5185.7	7315.1
400	ok Av	26.08	0.31	0.44	17.2	24.3	5185.7	7315.1
418	ok Av	21.76	0.12	0.44	6.6	24.3	1997.9	7315.1
423	ok Av	21.76	0.12	0.44	6.6	24.3	1997.9	7315.1
441	ok Av	17.05	0.24	0.33	13.2	18.2	3971.6	5472.9
446	ok Av	17.05	0.24	0.33	13.2	18.2	3971.6	5472.9
464	ok Av	13.32	0.24	0.13	13.5	7.4	4061.3	2227.6
469	ok Av	13.32	0.24	0.13	13.5	7.4	4061.3	2227.6
487	ok Av	15.62	0.24	0.29	13.5	16.1	4061.3	4838.2
492	ok Av	15.62	0.24	0.29	13.5	16.1	4061.3	4838.2
510	ok Av	19.99	0.14	0.41	7.5	22.5	2260.8	6770.1
515	ok Av	19.99	0.14	0.41	7.5	22.5	2260.8	6770.1
533	ok Av	24.17	0.28	0.41	15.4	22.7	4640.7	6833.5
538	ok Av	24.17	0.28	0.41	15.4	22.7	4640.7	6833.5
556	ok Av	27.30	0.47	0.41	26.1	22.7	7864.4	6833.5
561	ok Av	27.30	0.47	0.41	26.1	22.7	7864.4	6833.5

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	30.97	0.62	0.44	34.59	24.31	1.041e+04	7315.13

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	332.35	10	8	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
9	ok	0.03	0.4	4.73e-03	160.8	160.8	160.8	160.8	-428.5	71.7	-32.8	9.024e+05	6.415e+05	-1.017e+04
10	ok	0.03	0.4	4.68e-03	160.8	160.8	160.8	160.8	-424.1	93.9	-35.1	8.984e+05	6.217e+05	-7959.2
55	ok	0.03	0.4	4.79e-03	160.8	160.8	160.8	160.8	-434.7	70.3	-33.4	9.128e+05	6.384e+05	-2.599e+04
56	ok	0.03	0.4	4.74e-03	160.8	160.8	160.8	160.8	-429.5	92.7	-35.7	9.075e+05	6.189e+05	-2.180e+04
78	ok	0.03	0.4	4.79e-03	160.8	160.8	160.8	160.8	-434.7	70.3	33.4	9.128e+05	6.384e+05	2.599e+04
79	ok	0.03	0.4	4.74e-03	160.8	160.8	160.8	160.8	-429.5	92.7	35.7	9.075e+05	6.189e+05	2.180e+04
101	ok	0.03	0.4	4.72e-03	160.8	160.8	160.8	160.8	-410.3	63.2	-99.6	9.236e+05	5.267e+05	-2.872e+04
102	ok	0.03	0.4	4.66e-03	160.8	160.8	160.8	160.8	-402.6	82.2	-105.3	9.136e+05	5.129e+05	-2.066e+04
124	ok	0.03	0.4	4.51e-03	160.8	160.8	160.8	160.8	-355.6	49.5	-160.0	8.928e+05	3.554e+05	3.817e+04
125	ok	0.03	0.4	4.44e-03	160.8	160.8	160.8	160.8	-345.4	63.2	-166.3	8.777e+05	3.494e+05	4.521e+04
147	ok	0.03	0.4	4.17e-03	160.8	160.8	160.8	160.8	-274.4	30.1	-208.5	7.678e+05	1.909e+05	1.662e+05
148	ok	0.03	0.4	4.10e-03	160.8	160.8	160.8	160.8	-263.5	38.7	-212.9	7.510e+05	1.908e+05	1.679e+05
170	ok	0.03	0.3	3.73e-03	160.8	160.8	160.8	160.8	-173.6	7.8	-240.4	5.211e+05	8.027e+04	3.052e+05
171	ok	0.03	0.3	3.66e-03	160.8	160.8	160.8	160.8	-165.0	13.0	-242.1	5.082e+05	8.177e+04	3.003e+05
193	ok	0.03	0.3	3.21e-03	160.8	160.8	160.8	160.8	61.9	14.2	-253.7	-2.197e+05	-5.170e+04	3.892e+05
194	ok	0.03	0.3	3.17e-03	160.8	160.8	160.8	160.8	58.3	10.6	-253.7	-2.123e+05	-5.022e+04	3.807e+05
216	ok	0.03	0.4	2.67e-03	160.8	160.8	160.8	160.8	173.6	-7.8	-240.4	-5.650e+05	-1.071e+05	2.986e+05
217	ok	0.03	0.4	2.67e-03	160.8	160.8	160.8	160.8	165.0	-13.0	-242.1	-5.491e+05	-1.077e+05	2.946e+05
239	ok	0.03	0.4	2.13e-03	160.8	160.8	160.8	160.8	274.4	-30.1	-208.5	-8.073e+05	-2.222e+05	1.563e+05
240	ok	0.03	0.4	2.19e-03	160.8	160.8	160.8	160.8	263.5	-38.7	-212.9	-7.880e+05	-2.206e+05	1.592e+05

262	ok	0.03	0.5	1.64e-03	160.8	160.8	160.8	160.8	355.6	-49.5	-160.0	-9.268e+05	-3.922e+05	2.750e+04
263	ok	0.03	0.5	1.76e-03	160.8	160.8	160.8	160.8	345.4	-63.2	-166.3	-9.099e+05	-3.840e+05	3.587e+04
285	ok	0.03	0.5	1.24e-03	160.8	160.8	160.8	160.8	410.3	-63.2	-99.6	-9.524e+05	-5.687e+05	-3.727e+04
286	ok	0.03	0.5	1.42e-03	160.8	160.8	160.8	160.8	402.6	-82.2	-105.3	-9.413e+05	-5.520e+05	-2.814e+04
308	ok	0.03	0.5	9.61e-04	160.8	160.8	160.8	160.8	434.7	-70.3	-33.4	-9.382e+05	-6.837e+05	-3.011e+04
309	ok	0.03	0.5	1.18e-03	160.8	160.8	160.8	160.8	429.5	-92.7	-35.7	-9.322e+05	-6.610e+05	-2.540e+04
331	ok	0.03	0.5	8.10e-04	160.8	160.8	160.8	160.8	428.5	-71.7	-32.8	-9.271e+05	-6.876e+05	-1.158e+04
332	ok	0.03	0.5	1.06e-03	160.8	160.8	160.8	160.8	424.1	-93.9	-35.1	-9.225e+05	-6.644e+05	-9188.8
354	ok	0.03	0.5	9.61e-04	160.8	160.8	160.8	160.8	434.7	-70.3	33.4	-9.382e+05	-6.837e+05	3.011e+04
355	ok	0.03	0.5	1.18e-03	160.8	160.8	160.8	160.8	429.5	-92.7	35.7	-9.322e+05	-6.610e+05	2.540e+04
377	ok	0.03	0.5	1.24e-03	160.8	160.8	160.8	160.8	410.3	-63.2	99.6	-9.524e+05	-5.687e+05	3.727e+04
378	ok	0.03	0.5	1.42e-03	160.8	160.8	160.8	160.8	402.6	-82.2	105.3	-9.413e+05	-5.520e+05	2.814e+04
400	ok	0.03	0.5	1.64e-03	160.8	160.8	160.8	160.8	355.6	-49.5	160.0	-9.268e+05	-3.922e+05	-2.750e+04
401	ok	0.03	0.5	1.76e-03	160.8	160.8	160.8	160.8	345.4	-63.2	166.3	-9.099e+05	-3.840e+05	-3.587e+04
423	ok	0.03	0.4	2.13e-03	160.8	160.8	160.8	160.8	274.4	-30.1	208.5	-8.073e+05	-2.222e+05	-1.563e+05
424	ok	0.03	0.4	2.19e-03	160.8	160.8	160.8	160.8	263.5	-38.7	212.9	-7.880e+05	-2.206e+05	-1.592e+05
446	ok	0.03	0.4	2.67e-03	160.8	160.8	160.8	160.8	173.6	-7.8	240.4	-5.650e+05	-1.071e+05	-2.986e+05
447	ok	0.03	0.4	2.67e-03	160.8	160.8	160.8	160.8	165.0	-13.0	242.1	-5.491e+05	-1.077e+05	-2.946e+05
469	ok	0.03	0.3	3.21e-03	160.8	160.8	160.8	160.8	61.9	14.2	253.7	-2.197e+05	-5.170e+04	-3.892e+05
470	ok	0.03	0.3	3.17e-03	160.8	160.8	160.8	160.8	58.3	10.6	253.7	-2.123e+05	-5.022e+04	-3.807e+05
492	ok	0.03	0.3	3.73e-03	160.8	160.8	160.8	160.8	-173.6	7.8	240.4	5.211e+05	8.027e+04	-3.052e+05
493	ok	0.03	0.3	3.66e-03	160.8	160.8	160.8	160.8	-165.0	13.0	242.1	5.082e+05	8.177e+04	-3.003e+05
515	ok	0.03	0.4	4.17e-03	160.8	160.8	160.8	160.8	-274.4	30.1	208.5	7.678e+05	1.909e+05	-1.662e+05
516	ok	0.03	0.4	4.10e-03	160.8	160.8	160.8	160.8	-263.5	38.7	212.9	7.510e+05	1.908e+05	-1.679e+05
538	ok	0.03	0.4	4.51e-03	160.8	160.8	160.8	160.8	-355.6	49.5	160.0	8.928e+05	3.554e+05	-3.817e+04
539	ok	0.03	0.4	4.44e-03	160.8	160.8	160.8	160.8	-345.4	63.2	166.3	8.777e+05	3.494e+05	-4.521e+04
561	ok	0.03	0.4	4.72e-03	160.8	160.8	160.8	160.8	-410.3	63.2	99.6	9.236e+05	5.267e+05	2.872e+04
562	ok	0.03	0.4	4.66e-03	160.8	160.8	160.8	160.8	-402.6	82.2	105.3	9.136e+05	5.129e+05	2.066e+04

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**
								-434.69	-93.92	-253.73	-9.524e+05	-6.876e+05	-3.892e+05
	0.03	0.49	4.79e-03	160.85	160.85	160.85	160.85	434.69	93.92	253.73	9.236e+05	6.415e+05	3.892e+05

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
9	ok Av	21.93	0.44	0.08	24.5	4.3	7003.7	1225.6
10	ok Av	21.93	0.44	0.08	24.5	4.3	7003.7	1225.6
55	ok Av	21.93	0.44	0.21	24.5	11.7	7003.7	3342.4
56	ok Av	21.93	0.44	0.21	24.5	11.7	7003.7	3342.4
78	ok Av	21.93	0.44	0.21	24.5	11.7	7003.7	3342.4
79	ok Av	21.93	0.44	0.21	24.5	11.7	7003.7	3342.4
101	ok Av	20.55	0.36	0.29	20.2	15.9	5763.4	4545.8
102	ok Av	20.55	0.36	0.29	20.2	15.9	5763.4	4545.8
124	ok Av	17.92	0.23	0.29	12.7	15.9	3618.3	4545.8
125	ok Av	17.92	0.23	0.29	12.7	15.9	3618.3	4545.8
147	ok Av	14.34	0.07	0.28	4.0	15.8	1149.3	4502.8
148	ok Av	14.34	0.07	0.28	4.0	15.8	1149.3	4502.8
170	ok Av	10.37	0.14	0.20	7.6	11.3	2170.8	3216.4
171	ok Av	10.37	0.14	0.20	7.6	11.3	2170.8	3216.4
193	ok Av	7.96	0.14	0.09	7.6	5.2	2170.8	1486.7
194	ok Av	7.96	0.14	0.09	7.6	5.2	2170.8	1486.7
216	ok Av	11.51	0.13	0.23	7.4	12.8	2110.1	3646.4
217	ok Av	11.51	0.13	0.23	7.4	12.8	2110.1	3646.4
239	ok Av	15.67	0.09	0.31	5.0	17.1	1432.6	4872.0
240	ok Av	15.67	0.09	0.31	5.0	17.1	1432.6	4872.0
262	ok Av	19.32	0.25	0.31	14.0	17.1	3987.6	4872.0
263	ok Av	19.32	0.25	0.31	14.0	17.1	3987.6	4872.0
285	ok Av	21.98	0.39	0.30	21.7	16.9	6193.4	4829.1
286	ok Av	21.98	0.39	0.30	21.7	16.9	6193.4	4829.1
308	ok Av	23.37	0.47	0.22	26.2	12.3	7465.1	3520.5
309	ok Av	23.37	0.47	0.22	26.2	12.3	7465.1	3520.5
331	ok Av	23.37	0.47	0.08	26.2	4.5	7465.1	1286.4
332	ok Av	23.37	0.47	0.08	26.2	4.5	7465.1	1286.4
354	ok Av	23.37	0.47	0.22	26.2	12.3	7465.1	3520.5
355	ok Av	23.37	0.47	0.22	26.2	12.3	7465.1	3520.5
377	ok Av	21.98	0.39	0.30	21.7	16.9	6193.4	4829.1
378	ok Av	21.98	0.39	0.30	21.7	16.9	6193.4	4829.1
400	ok Av	19.32	0.25	0.31	14.0	17.1	3987.6	4872.0
401	ok Av	19.32	0.25	0.31	14.0	17.1	3987.6	4872.0
423	ok Av	15.67	0.09	0.31	5.0	17.1	1432.6	4872.0
424	ok Av	15.67	0.09	0.31	5.0	17.1	1432.6	4872.0
446	ok Av	11.51	0.13	0.23	7.4	12.8	2110.1	3646.4
447	ok Av	11.51	0.13	0.23	7.4	12.8	2110.1	3646.4
469	ok Av	7.96	0.14	0.09	7.6	5.2	2170.8	1486.7
470	ok Av	7.96	0.14	0.09	7.6	5.2	2170.8	1486.7
492	ok Av	10.37	0.14	0.20	7.6	11.3	2170.8	3216.4

493	ok Av	10.37	0.14	0.20	7.6	11.3	2170.8	3216.4
515	ok Av	14.34	0.07	0.28	4.0	15.8	1149.3	4502.8
516	ok Av	14.34	0.07	0.28	4.0	15.8	1149.3	4502.8
538	ok Av	17.92	0.23	0.29	12.7	15.9	3618.3	4545.8
539	ok Av	17.92	0.23	0.29	12.7	15.9	3618.3	4545.8
561	ok Av	20.55	0.36	0.29	20.2	15.9	5763.4	4545.8
562	ok Av	20.55	0.36	0.29	20.2	15.9	5763.4	4545.8

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	23.37	0.47	0.31	26.16	17.07	7465.10	4872.05

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
4	314.70	10	8	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
10	ok	0.03	0.3	4.29e-03	160.8	160.8	160.8	160.8	-370.4	93.4	-36.4	6.126e+05	4.983e+05	-1.473e+04
11	ok	0.03	0.3	4.27e-03	160.8	160.8	160.8	160.8	-368.8	101.3	37.2	6.070e+05	4.706e+05	1.166e+04
56	ok	0.03	0.3	4.32e-03	160.8	160.8	160.8	160.8	-372.9	92.9	-36.6	6.288e+05	4.934e+05	-3.963e+04
57	ok	0.03	0.3	4.30e-03	160.8	160.8	160.8	160.8	-371.0	100.8	-37.5	6.214e+05	4.662e+05	-3.379e+04
79	ok	0.03	0.3	4.32e-03	160.8	160.8	160.8	160.8	-372.9	92.9	36.6	6.288e+05	4.934e+05	3.963e+04
80	ok	0.03	0.3	4.30e-03	160.8	160.8	160.8	160.8	-371.0	100.8	37.5	6.214e+05	4.662e+05	3.379e+04
102	ok	0.03	0.3	4.18e-03	160.8	160.8	160.8	160.8	-338.7	74.8	-103.6	6.637e+05	3.917e+05	-5.742e+04
103	ok	0.03	0.3	4.15e-03	160.8	160.8	160.8	160.8	-336.0	81.5	-105.6	6.498e+05	3.724e+05	-4.618e+04
125	ok	0.03	0.3	3.88e-03	160.8	160.8	160.8	160.8	-276.1	46.2	-153.0	6.726e+05	2.428e+05	-3075.1
126	ok	0.03	0.3	3.85e-03	160.8	160.8	160.8	160.8	-272.4	51.1	-155.3	6.516e+05	2.342e+05	6797.0
148	ok	0.03	0.3	3.46e-03	160.8	160.8	160.8	160.8	-198.2	18.0	-180.8	6.004e+05	1.112e+05	1.137e+05
149	ok	0.03	0.3	3.43e-03	160.8	160.8	160.8	160.8	-194.3	21.1	-182.4	5.769e+05	1.109e+05	1.162e+05
171	ok	0.03	0.3	2.97e-03	160.8	160.8	160.8	160.8	-117.3	-0.9	-190.9	4.178e+05	4.005e+04	2.423e+05
172	ok	0.03	0.3	2.95e-03	160.8	160.8	160.8	160.8	-114.2	1.0	-191.5	3.997e+05	4.197e+04	2.357e+05
194	ok	0.03	0.2	2.49e-03	160.8	160.8	160.8	160.8	39.5	8.6	-191.5	-1.773e+05	-3.620e+04	3.174e+05
195	ok	0.03	0.2	2.47e-03	160.8	160.8	160.8	160.8	38.3	7.3	-191.5	-1.677e+05	-3.426e+04	3.057e+05
217	ok	0.03	0.3	2.05e-03	160.8	160.8	160.8	160.8	117.3	0.9	-190.9	-4.491e+05	-5.085e+04	2.344e+05
218	ok	0.03	0.3	2.05e-03	160.8	160.8	160.8	160.8	114.2	-1.0	-191.5	-4.277e+05	-5.177e+04	2.287e+05
240	ok	0.03	0.3	1.70e-03	160.8	160.8	160.8	160.8	198.2	-18.0	-180.8	-6.264e+05	-1.273e+05	1.018e+05
241	ok	0.03	0.3	1.72e-03	160.8	160.8	160.8	160.8	194.3	-21.1	-182.4	-6.003e+05	-1.254e+05	1.056e+05
263	ok	0.03	0.4	1.44e-03	160.8	160.8	160.8	160.8	276.1	-46.2	-153.0	-6.920e+05	-2.656e+05	-1.591e+04
264	ok	0.03	0.4	1.49e-03	160.8	160.8	160.8	160.8	272.4	-51.1	-155.3	-6.690e+05	-2.547e+05	-4607.8
286	ok	0.03	0.4	1.27e-03	160.8	160.8	160.8	160.8	338.7	-74.8	-103.6	-6.769e+05	-4.207e+05	-6.768e+04
287	ok	0.03	0.4	1.34e-03	160.8	160.8	160.8	160.8	336.0	-81.5	-105.6	-6.617e+05	-3.983e+05	-5.531e+04
309	ok	0.03	0.4	1.16e-03	160.8	160.8	160.8	160.8	372.9	-92.9	-36.6	-6.379e+05	-5.264e+05	-4.458e+04
310	ok	0.03	0.3	1.24e-03	160.8	160.8	160.8	160.8	371.0	-100.8	-37.5	-6.297e+05	-4.957e+05	-3.820e+04
332	ok	0.03	0.3	1.11e-03	160.8	160.8	160.8	160.8	370.4	-93.4	-36.4	-6.208e+05	-5.322e+05	-1.642e+04
333	ok	0.03	0.3	1.20e-03	160.8	160.8	160.8	160.8	368.8	-101.3	-37.2	-6.146e+05	-5.009e+05	-1.316e+04
355	ok	0.03	0.4	1.16e-03	160.8	160.8	160.8	160.8	372.9	-92.9	36.6	-6.379e+05	-5.264e+05	4.458e+04
356	ok	0.03	0.3	1.24e-03	160.8	160.8	160.8	160.8	371.0	-100.8	37.5	-6.297e+05	-4.957e+05	3.820e+04
378	ok	0.03	0.4	1.27e-03	160.8	160.8	160.8	160.8	338.7	-74.8	103.6	-6.769e+05	-4.207e+05	6.768e+04
379	ok	0.03	0.4	1.34e-03	160.8	160.8	160.8	160.8	336.0	-81.5	105.6	-6.617e+05	-3.983e+05	5.531e+04
401	ok	0.03	0.4	1.44e-03	160.8	160.8	160.8	160.8	276.1	-46.2	153.0	-6.920e+05	-2.656e+05	1.591e+04
402	ok	0.03	0.4	1.49e-03	160.8	160.8	160.8	160.8	272.4	-51.1	155.3	-6.690e+05	-2.547e+05	4607.8
424	ok	0.03	0.3	1.70e-03	160.8	160.8	160.8	160.8	198.2	-18.0	180.8	-6.264e+05	-1.273e+05	-1.018e+05
425	ok	0.03	0.3	1.72e-03	160.8	160.8	160.8	160.8	194.3	-21.1	182.4	-6.003e+05	-1.254e+05	-1.056e+05
447	ok	0.03	0.3	2.05e-03	160.8	160.8	160.8	160.8	117.3	0.9	190.9	-4.491e+05	-5.085e+04	-2.344e+05
448	ok	0.03	0.3	2.05e-03	160.8	160.8	160.8	160.8	114.2	-1.0	191.5	-4.277e+05	-5.177e+04	-2.287e+05
470	ok	0.03	0.2	2.49e-03	160.8	160.8	160.8	160.8	39.5	8.6	191.5	-1.773e+05	-3.620e+04	-3.174e+05
471	ok	0.03	0.2	2.47e-03	160.8	160.8	160.8	160.8	38.3	7.3	191.5	-1.677e+05	-3.426e+04	-3.057e+05
493	ok	0.03	0.3	2.97e-03	160.8	160.8	160.8	160.8	-117.3	-0.9	190.9	4.178e+05	4.005e+04	-2.423e+05
494	ok	0.03	0.3	2.95e-03	160.8	160.8	160.8	160.8	-114.2	1.0	191.5	3.997e+05	4.197e+04	-2.357e+05
516	ok	0.03	0.3	3.46e-03	160.8	160.8	160.8	160.8	-198.2	18.0	180.8	6.004e+05	1.112e+05	-1.137e+05
517	ok	0.03	0.3	3.43e-03	160.8	160.8	160.8	160.8	-194.3	21.1	182.4	5.769e+05	1.109e+05	-1.162e+05
539	ok	0.03	0.3	3.88e-03	160.8	160.8	160.8	160.8	-276.1	46.2	153.0	6.726e+05	2.428e+05	3075.1
540	ok	0.03	0.3	3.85e-03	160.8	160.8	160.8	160.8	-272.4	51.1	155.3	6.516e+05	2.342e+05	-6797.0
562	ok	0.03	0.3	4.18e-03	160.8	160.8	160.8	160.8	-338.7	74.8	103.6	6.637e+05	3.917e+05	5.742e+04
563	ok	0.03	0.3	4.15e-03	160.8	160.8	160.8	160.8	-336.0	81.5	105.6	6.498e+05	3.724e+05	4.618e+04

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**
								-372.88	-101.29	-191.52	-6.920e+05	-5.322e+05	-3.174e+05
	0.03	0.37	4.32e-03	160.85	160.85	160.85	160.85	372.88	101.29	191.52	6.726e+05	4.983e+05	3.174e+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
10	ok Av	16.87	0.34	0.06	18.9	3.1	5103.3	825.7
11	ok Av	16.87	0.34	0.06	18.9	3.1	5103.3	825.7
56	ok Av	16.87	0.34	0.15	18.9	8.3	5103.3	2251.8
57	ok Av	16.87	0.34	0.15	18.9	8.3	5103.3	2251.8
79	ok Av	16.87	0.34	0.15	18.9	8.3	5103.3	2251.8
80	ok Av	16.87	0.34	0.15	18.9	8.3	5103.3	2251.8
102	ok Av	15.74	0.28	0.20	15.8	11.3	4267.9	3062.7
103	ok Av	15.74	0.28	0.20	15.8	11.3	4267.9	3062.7
125	ok Av	13.59	0.19	0.20	10.5	11.3	2823.1	3062.7
126	ok Av	13.59	0.19	0.20	10.5	11.3	2823.1	3062.7
148	ok Av	10.60	0.08	0.20	4.3	11.2	1160.0	3034.3
149	ok Av	10.60	0.08	0.20	4.3	11.2	1160.0	3034.3
171	ok Av	7.13	0.02	0.14	1.0	8.0	270.1	2168.5
172	ok Av	7.13	0.02	0.14	1.0	8.0	270.1	2168.5
194	ok Av	4.70	0.07	0.07	3.8	3.7	1036.9	998.3
195	ok Av	4.70	0.07	0.07	3.8	3.7	1036.9	998.3
217	ok Av	8.02	0.07	0.16	3.8	9.1	1036.9	2452.8
218	ok Av	8.02	0.07	0.16	3.8	9.1	1036.9	2452.8
240	ok Av	11.56	0.09	0.22	5.0	12.1	1347.4	3278.5
241	ok Av	11.56	0.09	0.22	5.0	12.1	1347.4	3278.5
263	ok Av	14.58	0.20	0.22	11.4	12.1	3067.3	3278.5
264	ok Av	14.58	0.20	0.22	11.4	12.1	3067.3	3278.5
286	ok Av	16.74	0.30	0.22	16.9	12.0	4552.3	3250.1
287	ok Av	16.74	0.30	0.22	16.9	12.0	4552.3	3250.1
309	ok Av	17.87	0.36	0.16	20.0	8.8	5408.5	2369.5
310	ok Av	17.87	0.36	0.16	20.0	8.8	5408.5	2369.5
332	ok Av	17.87	0.36	0.06	20.0	3.2	5408.5	865.8
333	ok Av	17.87	0.36	0.06	20.0	3.2	5408.5	865.8
355	ok Av	17.87	0.36	0.16	20.0	8.8	5408.5	2369.5
356	ok Av	17.87	0.36	0.16	20.0	8.8	5408.5	2369.5
378	ok Av	16.74	0.30	0.22	16.9	12.0	4552.3	3250.1
379	ok Av	16.74	0.30	0.22	16.9	12.0	4552.3	3250.1
401	ok Av	14.58	0.20	0.22	11.4	12.1	3067.3	3278.5
402	ok Av	14.58	0.20	0.22	11.4	12.1	3067.3	3278.5
424	ok Av	11.56	0.09	0.22	5.0	12.1	1347.4	3278.5
425	ok Av	11.56	0.09	0.22	5.0	12.1	1347.4	3278.5
447	ok Av	8.02	0.07	0.16	3.8	9.1	1036.9	2452.8
448	ok Av	8.02	0.07	0.16	3.8	9.1	1036.9	2452.8
470	ok Av	4.70	0.07	0.07	3.8	3.7	1036.9	998.3
471	ok Av	4.70	0.07	0.07	3.8	3.7	1036.9	998.3
493	ok Av	7.13	0.02	0.14	1.0	8.0	270.1	2168.5
494	ok Av	7.13	0.02	0.14	1.0	8.0	270.1	2168.5
516	ok Av	10.60	0.08	0.20	4.3	11.2	1160.0	3034.3
517	ok Av	10.60	0.08	0.20	4.3	11.2	1160.0	3034.3
539	ok Av	13.59	0.19	0.20	10.5	11.3	2823.1	3062.7
540	ok Av	13.59	0.19	0.20	10.5	11.3	2823.1	3062.7
562	ok Av	15.74	0.28	0.20	15.8	11.3	4267.9	3062.7
563	ok Av	15.74	0.28	0.20	15.8	11.3	4267.9	3062.7

Nodo		Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		17.87	0.36	0.22	20.04	12.15	5408.46	3278.51

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	297.05	10	8	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
11	ok	0.04	0.2	3.89e-03	160.8	160.8	160.8	160.8	-319.3	100.5	-36.2	4.112e+05	3.755e+05	-1.499e+04
12	ok	0.04	0.2	3.89e-03	160.8	160.8	160.8	160.8	-319.0	102.0	-36.3	4.059e+05	3.488e+05	-1.204e+04
57	ok	0.04	0.2	3.90e-03	160.8	160.8	160.8	160.8	-319.8	100.4	-36.2	4.285e+05	3.702e+05	-4.164e+04
58	ok	0.04	0.2	3.90e-03	160.8	160.8	160.8	160.8	-319.4	101.9	-36.4	4.214e+05	3.440e+05	-3.602e+04
80	ok	0.04	0.2	3.90e-03	160.8	160.8	160.8	160.8	-319.8	100.4	36.2	4.285e+05	3.702e+05	4.164e+04
81	ok	0.04	0.2	3.90e-03	160.8	160.8	160.8	160.8	-319.4	101.9	36.4	4.214e+05	3.440e+05	3.602e+04
103	ok	0.04	0.3	3.73e-03	160.8	160.8	160.8	160.8	-282.8	77.6	-99.9	4.710e+05	2.845e+05	-6.413e+04
104	ok	0.04	0.3	3.72e-03	160.8	160.8	160.8	160.8	-282.2	78.9	-100.3	4.576e+05	2.658e+05	-5.332e+04
126	ok	0.04	0.3	3.40e-03	160.8	160.8	160.8	160.8	-219.8	42.9	-141.1	4.974e+05	1.626e+05	-2.117e+04
127	ok	0.04	0.3	3.39e-03	160.8	160.8	160.8	160.8	-219.1	43.9	-141.5	4.772e+05	1.542e+05	-1.166e+04
149	ok	0.04	0.3	2.95e-03	160.8	160.8	160.8	160.8	-148.1	11.6	-156.9	4.576e+05	6.119e+04	7.800e+04
150	ok	0.04	0.2	2.95e-03	160.8	160.8	160.8	160.8	-147.3	12.2	-157.2	4.351e+05	6.079e+04	8.044e+04

172	ok	0.04	0.2	2.46e-03	160.8	160.8	160.8	160.8	-81.9	-4.9	-155.4	3.247e+05	1.687e+04	1.878e+05
173	ok	0.04	0.2	2.45e-03	160.8	160.8	160.8	160.8	-81.3	-4.6	-155.5	3.072e+05	1.867e+04	1.816e+05
195	ok	0.04	0.2	2.00e-03	160.8	160.8	160.8	160.8	26.0	5.3	-149.6	-1.381e+05	-2.440e+04	2.506e+05
196	ok	0.04	0.2	2.00e-03	160.8	160.8	160.8	160.8	25.7	5.1	-149.6	-1.289e+05	-2.257e+04	2.394e+05
218	ok	0.04	0.2	1.65e-03	160.8	160.8	160.8	160.8	81.9	4.9	-155.4	-3.460e+05	-1.778e+04	1.800e+05
219	ok	0.04	0.2	1.65e-03	160.8	160.8	160.8	160.8	81.3	4.6	-155.5	-3.256e+05	-1.869e+04	1.745e+05
241	ok	0.04	0.3	1.43e-03	160.8	160.8	160.8	160.8	148.1	-11.6	-156.9	-4.737e+05	-6.738e+04	6.610e+04
242	ok	0.04	0.3	1.43e-03	160.8	160.8	160.8	160.8	147.3	-12.2	-157.2	-4.487e+05	-6.556e+04	6.973e+04
264	ok	0.04	0.3	1.31e-03	160.8	160.8	160.8	160.8	219.8	-42.9	-141.1	-5.069e+05	-1.754e+05	-3.394e+04
265	ok	0.04	0.3	1.32e-03	160.8	160.8	160.8	160.8	219.1	-43.9	-141.5	-4.849e+05	-1.650e+05	-2.315e+04
287	ok	0.04	0.3	1.27e-03	160.8	160.8	160.8	160.8	282.8	-77.6	-99.9	-4.743e+05	-3.034e+05	-7.435e+04
288	ok	0.04	0.3	1.28e-03	160.8	160.8	160.8	160.8	282.2	-78.9	-100.3	-4.598e+05	-2.820e+05	-6.251e+04
310	ok	0.04	0.3	1.25e-03	160.8	160.8	160.8	160.8	319.8	-100.4	-36.2	-4.277e+05	-3.932e+05	-4.656e+04
311	ok	0.04	0.3	1.27e-03	160.8	160.8	160.8	160.8	319.4	-101.9	-36.4	-4.199e+05	-3.639e+05	-4.046e+04
333	ok	0.04	0.2	1.25e-03	160.8	160.8	160.8	160.8	319.3	-100.5	-36.2	-4.096e+05	-3.994e+05	-1.667e+04
334	ok	0.04	0.2	1.27e-03	160.8	160.8	160.8	160.8	319.0	-102.0	36.3	-4.036e+05	-3.695e+05	1.355e+04
356	ok	0.04	0.3	1.25e-03	160.8	160.8	160.8	160.8	319.8	-100.4	36.2	-4.277e+05	-3.932e+05	4.656e+04
357	ok	0.04	0.3	1.27e-03	160.8	160.8	160.8	160.8	319.4	-101.9	36.4	-4.199e+05	-3.639e+05	4.046e+04
379	ok	0.04	0.3	1.27e-03	160.8	160.8	160.8	160.8	282.8	-77.6	99.9	-4.743e+05	-3.034e+05	7.435e+04
380	ok	0.04	0.3	1.28e-03	160.8	160.8	160.8	160.8	282.2	-78.9	100.3	-4.598e+05	-2.820e+05	6.251e+04
402	ok	0.04	0.3	1.31e-03	160.8	160.8	160.8	160.8	219.8	-42.9	141.1	-5.069e+05	-1.754e+05	3.394e+04
403	ok	0.04	0.3	1.32e-03	160.8	160.8	160.8	160.8	219.1	-43.9	141.5	-4.849e+05	-1.650e+05	2.315e+04
425	ok	0.04	0.3	1.43e-03	160.8	160.8	160.8	160.8	148.1	-11.6	156.9	-4.737e+05	-6.738e+04	-6.610e+04
426	ok	0.04	0.3	1.43e-03	160.8	160.8	160.8	160.8	147.3	-12.2	157.2	-4.487e+05	-6.556e+04	-6.973e+04
448	ok	0.04	0.2	1.65e-03	160.8	160.8	160.8	160.8	81.9	4.9	155.4	-3.460e+05	-1.778e+04	-1.800e+05
449	ok	0.04	0.2	1.65e-03	160.8	160.8	160.8	160.8	81.3	4.6	155.5	-3.256e+05	-1.869e+04	-1.745e+05
471	ok	0.04	0.2	2.00e-03	160.8	160.8	160.8	160.8	26.0	5.3	149.6	-1.381e+05	-2.440e+04	-2.506e+05
472	ok	0.04	0.2	2.00e-03	160.8	160.8	160.8	160.8	25.7	5.1	149.6	-1.289e+05	-2.257e+04	-2.394e+05
494	ok	0.04	0.2	2.46e-03	160.8	160.8	160.8	160.8	-81.9	-4.9	155.4	3.247e+05	1.687e+04	-1.878e+05
495	ok	0.04	0.2	2.45e-03	160.8	160.8	160.8	160.8	-81.3	-4.6	155.5	3.072e+05	1.867e+04	-1.816e+05
517	ok	0.04	0.3	2.95e-03	160.8	160.8	160.8	160.8	-148.1	11.6	156.9	4.576e+05	6.119e+04	-7.800e+04
518	ok	0.04	0.2	2.95e-03	160.8	160.8	160.8	160.8	-147.3	12.2	157.2	4.351e+05	6.079e+04	-8.044e+04
540	ok	0.04	0.3	3.40e-03	160.8	160.8	160.8	160.8	-219.8	42.9	141.1	4.974e+05	1.626e+05	2.117e+04
541	ok	0.04	0.3	3.39e-03	160.8	160.8	160.8	160.8	-219.1	43.9	141.5	4.772e+05	1.542e+05	1.166e+04
563	ok	0.04	0.3	3.73e-03	160.8	160.8	160.8	160.8	-282.8	77.6	99.9	4.710e+05	2.845e+05	6.413e+04
564	ok	0.04	0.3	3.72e-03	160.8	160.8	160.8	160.8	-282.2	78.9	100.3	4.576e+05	2.658e+05	5.332e+04

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**
								-319.78	-101.98	-157.25	-5.069e+05	-3.994e+05	-2.506e+05
	0.04	0.29	3.90e-03	160.85	160.85	160.85	160.85	319.78	101.98	157.25	4.974e+05	3.755e+05	2.506e+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
11	ok Av	13.11	0.27	0.04	14.7	2.2	3744.3	559.5
12	ok Av	13.11	0.27	0.04	14.7	2.2	3744.3	559.5
57	ok Av	13.11	0.27	0.11	14.7	6.0	3744.3	1525.9
58	ok Av	13.11	0.27	0.11	14.7	6.0	3744.3	1525.9
80	ok Av	13.11	0.27	0.11	14.7	6.0	3744.3	1525.9
81	ok Av	13.11	0.27	0.11	14.7	6.0	3744.3	1525.9
103	ok Av	12.21	0.23	0.15	12.5	8.2	3178.7	2076.0
104	ok Av	12.21	0.23	0.15	12.5	8.2	3178.7	2076.0
126	ok Av	10.47	0.16	0.15	8.7	8.2	2200.3	2076.0
127	ok Av	10.47	0.16	0.15	8.7	8.2	2200.3	2076.0
149	ok Av	8.04	0.08	0.15	4.2	8.1	1073.9	2057.8
150	ok Av	8.04	0.08	0.15	4.2	8.1	1073.9	2057.8
172	ok Av	5.11	7.43e-03	0.10	0.4	5.8	104.9	1472.8
173	ok Av	5.11	7.43e-03	0.10	0.4	5.8	104.9	1472.8
195	ok	2.73						
196	ok	2.73						
218	ok Av	5.76	0.01	0.12	0.7	6.5	180.0	1654.1
219	ok Av	5.76	0.01	0.12	0.7	6.5	180.0	1654.1
241	ok Av	8.71	0.08	0.16	4.7	8.7	1193.4	2213.6
242	ok Av	8.71	0.08	0.16	4.7	8.7	1193.4	2213.6
264	ok Av	11.15	0.17	0.16	9.3	8.7	2356.1	2213.6
265	ok Av	11.15	0.17	0.16	9.3	8.7	2356.1	2213.6
287	ok Av	12.89	0.24	0.16	13.2	8.6	3360.1	2195.5
288	ok Av	12.89	0.24	0.16	13.2	8.6	3360.1	2195.5
310	ok Av	13.79	0.28	0.11	15.5	6.3	3938.9	1601.0
311	ok Av	13.79	0.28	0.11	15.5	6.3	3938.9	1601.0
333	ok Av	13.79	0.28	0.04	15.5	2.3	3938.9	585.1
334	ok Av	13.79	0.28	0.04	15.5	2.3	3938.9	585.1
356	ok Av	13.79	0.28	0.11	15.5	6.3	3938.9	1601.0
357	ok Av	13.79	0.28	0.11	15.5	6.3	3938.9	1601.0
379	ok Av	12.89	0.24	0.16	13.2	8.6	3360.1	2195.5
380	ok Av	12.89	0.24	0.16	13.2	8.6	3360.1	2195.5
402	ok Av	11.15	0.17	0.16	9.3	8.7	2356.1	2213.6

403	ok Av	11.15	0.17	0.16	9.3	8.7	2356.1	2213.6
425	ok Av	8.71	0.08	0.16	4.7	8.7	1193.4	2213.6
426	ok Av	8.71	0.08	0.16	4.7	8.7	1193.4	2213.6
448	ok Av	5.76	0.01	0.12	0.7	6.5	180.0	1654.1
449	ok Av	5.76	0.01	0.12	0.7	6.5	180.0	1654.1
471	ok	2.73						
472	ok	2.73						
494	ok Av	5.11	7.43e-03	0.10	0.4	5.8	104.9	1472.8
495	ok Av	5.11	7.43e-03	0.10	0.4	5.8	104.9	1472.8
517	ok Av	8.04	0.08	0.15	4.2	8.1	1073.9	2057.8
518	ok Av	8.04	0.08	0.15	4.2	8.1	1073.9	2057.8
540	ok Av	10.47	0.16	0.15	8.7	8.2	2200.3	2076.0
541	ok Av	10.47	0.16	0.15	8.7	8.2	2200.3	2076.0
563	ok Av	12.21	0.23	0.15	12.5	8.2	3178.7	2076.0
564	ok Av	12.21	0.23	0.15	12.5	8.2	3178.7	2076.0
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		13.79	0.28	0.16	15.49	8.70	3938.94	2213.57

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	279.40	10	9	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
12	ok	0.03	0.3	3.84e-03	80.4	80.4	80.4	80.4	-274.3	100.6	34.3	2.671e+05	2.758e+05	1.370e+04
13	ok	0.03	0.3	3.84e-03	80.4	80.4	80.4	80.4	-274.6	99.2	-34.1	2.625e+05	2.529e+05	-1.117e+04
58	ok	0.03	0.4	3.83e-03	80.4	80.4	80.4	80.4	-273.8	100.7	-34.2	2.833e+05	2.708e+05	-3.886e+04
59	ok	0.03	0.3	3.83e-03	80.4	80.4	80.4	80.4	-274.1	99.3	-34.1	2.773e+05	2.483e+05	-3.404e+04
81	ok	0.03	0.4	3.83e-03	80.4	80.4	80.4	80.4	-273.8	100.7	34.2	2.833e+05	2.708e+05	3.886e+04
82	ok	0.03	0.3	3.83e-03	80.4	80.4	80.4	80.4	-274.1	99.3	34.1	2.773e+05	2.483e+05	3.404e+04
104	ok	0.03	0.4	3.63e-03	80.4	80.4	80.4	80.4	-237.2	76.5	-92.9	3.260e+05	2.014e+05	-6.171e+04
105	ok	0.03	0.4	3.64e-03	80.4	80.4	80.4	80.4	-237.6	75.3	-92.6	3.145e+05	1.853e+05	-5.243e+04
127	ok	0.03	0.4	3.27e-03	80.4	80.4	80.4	80.4	-177.3	39.9	-127.6	3.593e+05	1.050e+05	-2.865e+04
128	ok	0.03	0.4	3.27e-03	80.4	80.4	80.4	80.4	-177.9	39.1	-127.3	3.420e+05	9.788e+04	-2.048e+04
150	ok	0.03	0.4	2.78e-03	80.4	80.4	80.4	80.4	-112.8	8.2	-136.2	3.403e+05	2.907e+04	5.213e+04
151	ok	0.03	0.4	2.79e-03	80.4	80.4	80.4	80.4	-113.4	7.7	-135.9	3.210e+05	2.871e+04	5.423e+04
173	ok	0.03	0.4	2.26e-03	80.4	80.4	80.4	80.4	-58.2	-6.5	-128.4	2.458e+05	3160.7	1.420e+05
174	ok	0.03	0.3	2.26e-03	80.4	80.4	80.4	80.4	-58.7	-6.8	-128.3	2.308e+05	4696.8	1.366e+05
196	ok	0.03	0.3	1.79e-03	80.4	80.4	80.4	80.4	17.2	3.3	-119.3	-1.045e+05	-1.569e+04	1.924e+05
197	ok	0.03	0.3	1.80e-03	80.4	80.4	80.4	80.4	17.4	3.5	-119.3	-9.665e+04	-1.412e+04	1.828e+05
219	ok	0.03	0.4	1.48e-03	80.4	80.4	80.4	80.4	58.2	6.5	-128.4	-2.596e+05	1693.8	1.348e+05
220	ok	0.03	0.4	1.48e-03	80.4	80.4	80.4	80.4	58.7	6.8	-128.3	-2.421e+05	899.8	1.301e+05
242	ok	0.03	0.4	1.34e-03	80.4	80.4	80.4	80.4	112.8	-8.2	-136.2	-3.493e+05	-2.905e+04	4.126e+04
243	ok	0.03	0.4	1.34e-03	80.4	80.4	80.4	80.4	113.4	-7.7	-135.9	-3.279e+05	-2.751e+04	4.435e+04
265	ok	0.03	0.4	1.37e-03	80.4	80.4	80.4	80.4	177.3	-39.9	-127.6	-3.622e+05	-1.111e+05	-4.031e+04
266	ok	0.03	0.4	1.35e-03	80.4	80.4	80.4	80.4	177.9	-39.1	-127.3	-3.435e+05	-1.022e+05	-3.109e+04
288	ok	0.03	0.4	1.41e-03	80.4	80.4	80.4	80.4	237.2	-76.5	-92.9	-3.233e+05	-2.130e+05	-7.104e+04
289	ok	0.03	0.4	1.39e-03	80.4	80.4	80.4	80.4	237.6	-75.3	-92.6	-3.109e+05	-1.947e+05	-6.092e+04
311	ok	0.03	0.4	1.43e-03	80.4	80.4	80.4	80.4	273.8	-100.7	-34.2	-2.770e+05	-2.862e+05	-4.336e+04
312	ok	0.03	0.4	1.42e-03	80.4	80.4	80.4	80.4	274.1	-99.3	-34.1	-2.703e+05	-2.611e+05	-3.814e+04
334	ok	0.03	0.3	1.43e-03	80.4	80.4	80.4	80.4	274.3	-100.6	-34.3	-2.599e+05	-2.919e+05	-1.524e+04
335	ok	0.03	0.3	1.41e-03	80.4	80.4	80.4	80.4	274.6	-99.2	-34.1	-2.548e+05	-2.664e+05	-1.257e+04
357	ok	0.03	0.4	1.43e-03	80.4	80.4	80.4	80.4	273.8	-100.7	34.2	-2.770e+05	-2.862e+05	4.336e+04
358	ok	0.03	0.4	1.42e-03	80.4	80.4	80.4	80.4	274.1	-99.3	34.1	-2.703e+05	-2.611e+05	3.814e+04
380	ok	0.03	0.4	1.41e-03	80.4	80.4	80.4	80.4	237.2	-76.5	92.9	-3.233e+05	-2.130e+05	7.104e+04
381	ok	0.03	0.4	1.39e-03	80.4	80.4	80.4	80.4	237.6	-75.3	92.6	-3.109e+05	-1.947e+05	6.092e+04
403	ok	0.03	0.4	1.37e-03	80.4	80.4	80.4	80.4	177.3	-39.9	127.6	-3.622e+05	-1.111e+05	4.031e+04
404	ok	0.03	0.4	1.35e-03	80.4	80.4	80.4	80.4	177.9	-39.1	127.3	-3.435e+05	-1.022e+05	3.109e+04
426	ok	0.03	0.4	1.34e-03	80.4	80.4	80.4	80.4	112.8	-8.2	136.2	-3.493e+05	-2.905e+04	-4.126e+04
427	ok	0.03	0.4	1.34e-03	80.4	80.4	80.4	80.4	113.4	-7.7	135.9	-3.279e+05	-2.751e+04	-4.435e+04
449	ok	0.03	0.4	1.48e-03	80.4	80.4	80.4	80.4	58.2	6.5	128.4	-2.596e+05	1693.8	-1.348e+05
450	ok	0.03	0.4	1.48e-03	80.4	80.4	80.4	80.4	58.7	6.8	128.3	-2.421e+05	899.8	-1.301e+05
472	ok	0.03	0.3	1.79e-03	80.4	80.4	80.4	80.4	17.2	3.3	119.3	-1.045e+05	-1.569e+04	-1.924e+05
473	ok	0.03	0.3	1.80e-03	80.4	80.4	80.4	80.4	17.4	3.5	119.3	-9.665e+04	-1.412e+04	-1.828e+05
495	ok	0.03	0.4	2.26e-03	80.4	80.4	80.4	80.4	-58.2	-6.5	128.4	2.458e+05	3160.7	-1.420e+05
496	ok	0.03	0.3	2.26e-03	80.4	80.4	80.4	80.4	-58.7	-6.8	128.3	2.308e+05	4696.8	-1.366e+05
518	ok	0.03	0.4	2.78e-03	80.4	80.4	80.4	80.4	-112.8	8.2	136.2	3.403e+05	2.907e+04	-5.213e+04
519	ok	0.03	0.4	2.79e-03	80.4	80.4	80.4	80.4	-113.4	7.7	135.9	3.210e+05	2.871e+04	-5.423e+04
541	ok	0.03	0.4	3.27e-03	80.4	80.4	80.4	80.4	-177.3	39.9	127.6	3.593e+05	1.050e+05	2.865e+04
542	ok	0.03	0.4	3.27e-03	80.4	80.4	80.4	80.4	-177.9	39.1	127.3	3.420e+05	9.788e+04	2.048e+04
564	ok	0.03	0.4	3.63e-03	80.4	80.4	80.4	80.4	-237.2	76.5	92.9	3.260e+05	2.014e+05	6.171e+04

565	ok	0.03	0.4	3.64e-03	80.4	80.4	80.4	80.4	-237.6	75.3	92.6	3.145e+05	1.853e+05	5.243e+04

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
								-274.57	-100.67	-136.21	-3.622e+05	-2.919e+05	-1.924e+05
	0.03	0.45	3.84e-03	80.42	80.42	80.42	80.42	274.57	100.67	136.21	3.593e+05	2.758e+05	1.924e+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
12	ok Av	10.17	0.21	0.03	11.4	1.6	2732.3	377.0
13	ok Av	10.17	0.21	0.03	11.4	1.6	2732.3	377.0
58	ok Av	10.17	0.21	0.08	11.4	4.3	2732.3	1028.5
59	ok Av	10.17	0.21	0.08	11.4	4.3	2732.3	1028.5
81	ok Av	10.17	0.21	0.08	11.4	4.3	2732.3	1028.5
82	ok Av	10.17	0.21	0.08	11.4	4.3	2732.3	1028.5
104	ok Av	9.46	0.18	0.11	9.8	5.9	2351.6	1400.0
105	ok Av	9.46	0.18	0.11	9.8	5.9	2351.6	1400.0
127	ok Av	8.10	0.13	0.11	7.1	5.9	1693.0	1400.0
128	ok Av	8.10	0.13	0.11	7.1	5.9	1693.0	1400.0
150	ok Av	6.17	0.07	0.10	3.9	5.8	934.4	1389.2
151	ok Av	6.17	0.07	0.10	3.9	5.8	934.4	1389.2
173	ok	3.82						
174	ok	3.82						
196	ok	1.65						
197	ok	1.65						
219	ok Av	4.25	0.02	0.08	1.4	4.6	326.2	1105.0
220	ok Av	4.25	0.02	0.08	1.4	4.6	326.2	1105.0
242	ok Av	6.60	0.08	0.11	4.2	6.2	1005.7	1482.0
243	ok Av	6.60	0.08	0.11	4.2	6.2	1005.7	1482.0
265	ok Av	8.53	0.13	0.11	7.5	6.2	1785.8	1482.0
266	ok Av	8.53	0.13	0.11	7.5	6.2	1785.8	1482.0
288	ok Av	9.90	0.19	0.11	10.3	6.2	2459.7	1471.2
289	ok Av	9.90	0.19	0.11	10.3	6.2	2459.7	1471.2
311	ok Av	10.60	0.21	0.08	11.9	4.5	2848.4	1073.3
312	ok Av	10.60	0.21	0.08	11.9	4.5	2848.4	1073.3
334	ok Av	10.60	0.21	0.03	11.9	1.6	2848.4	392.3
335	ok Av	10.60	0.21	0.03	11.9	1.6	2848.4	392.3
357	ok Av	10.60	0.21	0.08	11.9	4.5	2848.4	1073.3
358	ok Av	10.60	0.21	0.08	11.9	4.5	2848.4	1073.3
380	ok Av	9.90	0.19	0.11	10.3	6.2	2459.7	1471.2
381	ok Av	9.90	0.19	0.11	10.3	6.2	2459.7	1471.2
403	ok Av	8.53	0.13	0.11	7.5	6.2	1785.8	1482.0
404	ok Av	8.53	0.13	0.11	7.5	6.2	1785.8	1482.0
426	ok Av	6.60	0.08	0.11	4.2	6.2	1005.7	1482.0
427	ok Av	6.60	0.08	0.11	4.2	6.2	1005.7	1482.0
449	ok Av	4.25	0.02	0.08	1.4	4.6	326.2	1105.0
450	ok Av	4.25	0.02	0.08	1.4	4.6	326.2	1105.0
472	ok	1.65						
473	ok	1.65						
495	ok	3.82						
496	ok	3.82						
518	ok Av	6.17	0.07	0.10	3.9	5.8	934.4	1389.2
519	ok Av	6.17	0.07	0.10	3.9	5.8	934.4	1389.2
541	ok Av	8.10	0.13	0.11	7.1	5.9	1693.0	1400.0
542	ok Av	8.10	0.13	0.11	7.1	5.9	1693.0	1400.0
564	ok Av	9.46	0.18	0.11	9.8	5.9	2351.6	1400.0
565	ok Av	9.46	0.18	0.11	9.8	5.9	2351.6	1400.0

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	10.60	0.21	0.11	11.93	6.21	2848.35	1482.03

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
7	261.75	10	9	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
13	ok	0.03	0.3	3.48e-03	80.4	80.4	80.4	80.4	-234.2	97.3	-31.6	1.632e+05	1.978e+05	-1.201e+04
14	ok	0.03	0.2	3.49e-03	80.4	80.4	80.4	80.4	-234.7	94.8	-31.3	1.595e+05	1.793e+05	-9965.6
59	ok	0.03	0.3	3.46e-03	80.4	80.4	80.4	80.4	-233.1	97.5	-31.5	1.776e+05	1.934e+05	-3.416e+04
60	ok	0.03	0.3	3.47e-03	80.4	80.4	80.4	80.4	-233.7	95.0	-31.2	1.727e+05	1.753e+05	-3.027e+04

82	ok	0.03	0.3	3.46e-03	80.4	80.4	80.4	80.4	-233.1	97.5	31.5	1.776e+05	1.934e+05	3.416e+04
83	ok	0.03	0.3	3.47e-03	80.4	80.4	80.4	80.4	-233.7	95.0	31.2	1.727e+05	1.753e+05	3.027e+04
105	ok	0.03	0.3	3.27e-03	80.4	80.4	80.4	80.4	-198.5	73.4	-84.6	2.168e+05	1.388e+05	-5.556e+04
106	ok	0.03	0.3	3.28e-03	80.4	80.4	80.4	80.4	-199.4	71.3	-83.9	2.075e+05	1.259e+05	-4.807e+04
128	ok	0.03	0.3	2.91e-03	80.4	80.4	80.4	80.4	-143.4	37.4	-114.0	2.513e+05	6.466e+04	-3.100e+04
129	ok	0.03	0.3	2.92e-03	80.4	80.4	80.4	80.4	-144.6	35.8	-113.3	2.373e+05	5.887e+04	-2.441e+04
151	ok	0.03	0.3	2.44e-03	80.4	80.4	80.4	80.4	-43.7	-13.4	-109.0	1.563e+05	-5.040e+04	8.126e+04
152	ok	0.03	0.3	2.45e-03	80.4	80.4	80.4	80.4	-87.6	5.6	-117.4	2.301e+05	8751.2	3.431e+04
174	ok	0.03	0.3	1.94e-03	80.4	80.4	80.4	80.4	-41.3	-6.8	-106.9	1.808e+05	-4599.5	1.038e+05
175	ok	0.03	0.3	1.95e-03	80.4	80.4	80.4	80.4	-42.3	-7.4	-106.7	1.687e+05	-3365.7	9.945e+04
197	ok	0.03	0.2	1.51e-03	80.4	80.4	80.4	80.4	-11.1	-2.0	-96.3	6.641e+04	1.920e+04	1.444e+05
198	ok	0.03	0.2	1.52e-03	80.4	80.4	80.4	80.4	-11.5	-2.4	-96.3	6.222e+04	1.836e+04	1.365e+05
220	ok	0.03	0.3	1.26e-03	80.4	80.4	80.4	80.4	41.3	6.8	-106.9	-1.892e+05	1.233e+04	9.756e+04
221	ok	0.03	0.3	1.26e-03	80.4	80.4	80.4	80.4	42.3	7.4	-106.7	-1.752e+05	1.168e+04	9.377e+04
243	ok	0.03	0.3	1.27e-03	80.4	80.4	80.4	80.4	43.7	13.4	-109.0	-1.629e+05	5.625e+04	7.318e+04
244	ok	0.03	0.3	1.25e-03	80.4	80.4	80.4	80.4	44.4	13.4	-108.6	-1.510e+05	5.194e+04	7.142e+04
266	ok	0.03	0.3	1.36e-03	80.4	80.4	80.4	80.4	143.4	-37.4	-114.0	-2.503e+05	-6.634e+04	-4.109e+04
267	ok	0.03	0.3	1.33e-03	80.4	80.4	80.4	80.4	144.6	-35.8	-113.3	-2.352e+05	-5.918e+04	-3.366e+04
289	ok	0.03	0.3	1.43e-03	80.4	80.4	80.4	80.4	198.5	-73.4	-84.6	-2.110e+05	-1.454e+05	-6.363e+04
290	ok	0.03	0.3	1.40e-03	80.4	80.4	80.4	80.4	199.4	-71.3	-83.9	-2.009e+05	-1.306e+05	-5.548e+04
312	ok	0.03	0.3	1.47e-03	80.4	80.4	80.4	80.4	233.1	-97.5	-31.5	-1.685e+05	-2.032e+05	-3.805e+04
313	ok	0.03	0.3	1.44e-03	80.4	80.4	80.4	80.4	233.7	-95.0	-31.2	-1.631e+05	-1.830e+05	-3.384e+04
335	ok	0.03	0.3	1.47e-03	80.4	80.4	80.4	80.4	234.2	-97.3	31.6	-1.535e+05	-2.082e+05	1.333e+04
336	ok	0.03	0.2	1.43e-03	80.4	80.4	80.4	80.4	234.7	-94.8	31.3	-1.494e+05	-1.876e+05	1.118e+04
358	ok	0.03	0.3	1.47e-03	80.4	80.4	80.4	80.4	233.1	-97.5	31.5	-1.685e+05	-2.032e+05	3.805e+04
359	ok	0.03	0.3	1.44e-03	80.4	80.4	80.4	80.4	233.7	-95.0	31.2	-1.631e+05	-1.830e+05	3.384e+04
381	ok	0.03	0.3	1.43e-03	80.4	80.4	80.4	80.4	198.5	-73.4	84.6	-2.110e+05	-1.454e+05	6.363e+04
382	ok	0.03	0.3	1.40e-03	80.4	80.4	80.4	80.4	199.4	-71.3	83.9	-2.009e+05	-1.306e+05	5.548e+04
404	ok	0.03	0.3	1.36e-03	80.4	80.4	80.4	80.4	143.4	-37.4	114.0	-2.503e+05	-6.634e+04	4.109e+04
405	ok	0.03	0.3	1.33e-03	80.4	80.4	80.4	80.4	144.6	-35.8	113.3	-2.352e+05	-5.918e+04	3.366e+04
427	ok	0.03	0.3	1.27e-03	80.4	80.4	80.4	80.4	43.7	13.4	109.0	-1.629e+05	5.625e+04	-7.318e+04
428	ok	0.03	0.3	1.25e-03	80.4	80.4	80.4	80.4	44.4	13.4	108.6	-1.510e+05	5.194e+04	-7.142e+04
450	ok	0.03	0.3	1.26e-03	80.4	80.4	80.4	80.4	41.3	6.8	106.9	-1.892e+05	1.233e+04	-9.756e+04
451	ok	0.03	0.3	1.26e-03	80.4	80.4	80.4	80.4	42.3	7.4	106.7	-1.752e+05	1.168e+04	-9.377e+04
473	ok	0.03	0.2	1.51e-03	80.4	80.4	80.4	80.4	-11.1	-2.0	96.3	6.641e+04	1.920e+04	-1.444e+05
474	ok	0.03	0.2	1.52e-03	80.4	80.4	80.4	80.4	-11.5	-2.4	96.3	6.222e+04	1.836e+04	-1.365e+05
496	ok	0.03	0.3	1.94e-03	80.4	80.4	80.4	80.4	-41.3	-6.8	106.9	1.808e+05	-4599.5	-1.038e+05
497	ok	0.03	0.3	1.95e-03	80.4	80.4	80.4	80.4	-42.3	-7.4	106.7	1.687e+05	-3365.7	-9.945e+04
519	ok	0.03	0.3	2.44e-03	80.4	80.4	80.4	80.4	-43.7	-13.4	109.0	1.563e+05	-5.040e+04	-8.126e+04
520	ok	0.03	0.3	2.45e-03	80.4	80.4	80.4	80.4	-87.6	5.6	117.4	2.301e+05	8751.2	-3.431e+04
542	ok	0.03	0.3	2.91e-03	80.4	80.4	80.4	80.4	-143.4	37.4	114.0	2.513e+05	6.466e+04	3.100e+04
543	ok	0.03	0.3	2.92e-03	80.4	80.4	80.4	80.4	-144.6	35.8	113.3	2.373e+05	5.887e+04	2.441e+04
565	ok	0.03	0.3	3.27e-03	80.4	80.4	80.4	80.4	-198.5	73.4	84.6	2.168e+05	1.388e+05	5.556e+04
566	ok	0.03	0.3	3.28e-03	80.4	80.4	80.4	80.4	-199.4	71.3	83.9	2.075e+05	1.259e+05	4.807e+04

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**
								-234.66	-97.52	-117.43	-2.503e+05	-2.082e+05	-1.444e+05
	0.03	0.33	3.49e-03	80.42	80.42	80.42	80.42	234.66	97.52	117.43	2.513e+05	1.978e+05	1.444e+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
13	ok Av	7.79	0.16	0.02	8.8	1.1	1958.2	248.6
14	ok Av	7.79	0.16	0.02	8.8	1.1	1958.2	248.6
59	ok Av	7.79	0.16	0.05	8.8	3.0	1958.2	678.4
60	ok Av	7.79	0.16	0.05	8.8	3.0	1958.2	678.4
82	ok Av	7.79	0.16	0.05	8.8	3.0	1958.2	678.4
83	ok Av	7.79	0.16	0.05	8.8	3.0	1958.2	678.4
105	ok Av	7.25	0.14	0.07	7.6	4.1	1707.6	924.1
106	ok Av	7.25	0.14	0.07	7.6	4.1	1707.6	924.1
128	ok Av	6.21	0.10	0.07	5.7	4.1	1274.1	924.1
129	ok Av	6.21	0.10	0.07	5.7	4.1	1274.1	924.1
151	ok Av	4.74	0.06	0.07	3.5	4.1	774.5	918.5
152	ok Av	4.74	0.06	0.07	3.5	4.1	774.5	918.5
174	ok	2.94						
175	ok	2.94						
197	ok	1.19						
198	ok	1.19						
220	ok	3.18						
221	ok	3.18						
243	ok Av	4.98	0.07	0.08	3.6	4.3	811.8	967.1
244	ok Av	4.98	0.07	0.08	3.6	4.3	811.8	967.1
266	ok Av	6.45	0.11	0.08	5.9	4.3	1322.7	967.1
267	ok Av	6.45	0.11	0.08	5.9	4.3	1322.7	967.1
289	ok Av	7.49	0.14	0.08	7.9	4.3	1764.3	961.5
290	ok Av	7.49	0.14	0.08	7.9	4.3	1764.3	961.5
312	ok Av	8.03	0.16	0.06	9.0	3.1	2019.0	701.9

313	ok Av	8.03	0.16	0.06	9.0	3.1	2019.0	701.9
335	ok Av	8.03	0.16	0.02	9.0	1.1	2019.0	256.6
336	ok Av	8.03	0.16	0.02	9.0	1.1	2019.0	256.6
358	ok Av	8.03	0.16	0.06	9.0	3.1	2019.0	701.9
359	ok Av	8.03	0.16	0.06	9.0	3.1	2019.0	701.9
381	ok Av	7.49	0.14	0.08	7.9	4.3	1764.3	961.5
382	ok Av	7.49	0.14	0.08	7.9	4.3	1764.3	961.5
404	ok Av	6.45	0.11	0.08	5.9	4.3	1322.7	967.1
405	ok Av	6.45	0.11	0.08	5.9	4.3	1322.7	967.1
427	ok Av	4.98	0.07	0.08	3.6	4.3	811.8	967.1
428	ok Av	4.98	0.07	0.08	3.6	4.3	811.8	967.1
450	ok	3.18						
451	ok	3.18						
473	ok	1.19						
474	ok	1.19						
496	ok	2.94						
497	ok	2.94						
519	ok Av	4.74	0.06	0.07	3.5	4.1	774.5	918.5
520	ok Av	4.74	0.06	0.07	3.5	4.1	774.5	918.5
542	ok Av	6.21	0.10	0.07	5.7	4.1	1274.1	924.1
543	ok Av	6.21	0.10	0.07	5.7	4.1	1274.1	924.1
565	ok Av	7.25	0.14	0.07	7.6	4.1	1707.6	924.1
566	ok Av	7.25	0.14	0.07	7.6	4.1	1707.6	924.1

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	8.03	0.16	0.08	9.04	4.33	2018.97	967.12

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
8	244.10	10	9	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
14	ok	0.04	0.2	3.17e-03	80.4	80.4	80.4	80.4	-200.0	92.0	28.7	9.199e+04	1.378e+05	1.003e+04
15	ok	0.04	0.2	3.18e-03	80.4	80.4	80.4	80.4	-200.5	89.2	28.3	8.909e+04	1.233e+05	8434.9
60	ok	0.04	0.2	3.15e-03	80.4	80.4	80.4	80.4	-198.7	92.3	-28.5	1.041e+05	1.340e+05	-2.884e+04
61	ok	0.04	0.2	3.16e-03	80.4	80.4	80.4	80.4	-199.4	89.4	-28.2	1.003e+05	1.198e+05	-2.579e+04
83	ok	0.04	0.2	3.15e-03	80.4	80.4	80.4	80.4	-198.7	92.3	28.5	1.041e+05	1.340e+05	2.884e+04
84	ok	0.04	0.2	3.16e-03	80.4	80.4	80.4	80.4	-199.4	89.4	28.2	1.003e+05	1.198e+05	2.579e+04
106	ok	0.04	0.2	2.96e-03	80.4	80.4	80.4	80.4	-166.8	69.3	-76.1	1.384e+05	9.211e+04	-4.765e+04
107	ok	0.04	0.2	2.97e-03	80.4	80.4	80.4	80.4	-167.8	66.8	-75.4	1.312e+05	8.197e+04	-4.178e+04
129	ok	0.04	0.2	2.62e-03	80.4	80.4	80.4	80.4	-117.0	34.9	-101.2	1.709e+05	3.634e+04	-2.970e+04
130	ok	0.04	0.2	2.63e-03	80.4	80.4	80.4	80.4	-118.3	33.1	-100.4	1.600e+05	3.180e+04	-2.453e+04
152	ok	0.04	0.2	2.17e-03	80.4	80.4	80.4	80.4	-32.3	-14.6	-92.3	1.094e+05	-4.761e+04	5.536e+04
153	ok	0.04	0.2	2.18e-03	80.4	80.4	80.4	80.4	-33.2	-14.6	-91.9	1.015e+05	-4.366e+04	5.346e+04
175	ok	0.04	0.2	1.69e-03	80.4	80.4	80.4	80.4	-29.4	-6.5	-89.7	1.302e+05	-8789.2	7.445e+04
176	ok	0.04	0.2	1.70e-03	80.4	80.4	80.4	80.4	-30.5	-7.1	-89.5	1.207e+05	-7828.3	7.108e+04
198	ok	0.04	0.2	1.29e-03	80.4	80.4	80.4	80.4	-7.0	-1.1	-78.7	4.894e+04	1.564e+04	1.055e+05
199	ok	0.04	0.2	1.30e-03	80.4	80.4	80.4	80.4	-7.5	-1.6	-78.7	4.565e+04	1.498e+04	9.937e+04
221	ok	0.04	0.2	1.13e-03	80.4	80.4	80.4	80.4	29.4	6.5	-89.7	-1.348e+05	1.756e+04	6.930e+04
222	ok	0.04	0.2	1.12e-03	80.4	80.4	80.4	80.4	30.5	7.1	-89.5	-1.238e+05	1.705e+04	6.633e+04
244	ok	0.04	0.2	1.22e-03	80.4	80.4	80.4	80.4	32.3	14.6	-92.3	-1.125e+05	5.482e+04	4.865e+04
245	ok	0.04	0.2	1.19e-03	80.4	80.4	80.4	80.4	33.2	14.6	-91.9	-1.032e+05	5.144e+04	4.727e+04
267	ok	0.04	0.2	1.33e-03	80.4	80.4	80.4	80.4	117.0	-34.9	-101.2	-1.678e+05	-3.538e+04	-3.808e+04
268	ok	0.04	0.2	1.30e-03	80.4	80.4	80.4	80.4	118.3	-33.1	-100.4	-1.559e+05	-2.979e+04	-3.227e+04
290	ok	0.04	0.2	1.43e-03	80.4	80.4	80.4	80.4	166.8	-69.3	-76.1	-1.312e+05	-9.519e+04	-5.435e+04
291	ok	0.04	0.2	1.39e-03	80.4	80.4	80.4	80.4	167.8	-66.8	-75.4	-1.234e+05	-8.368e+04	-4.797e+04
313	ok	0.04	0.2	1.49e-03	80.4	80.4	80.4	80.4	198.7	-92.3	-28.5	-9.427e+04	-1.398e+05	-3.207e+04
314	ok	0.04	0.2	1.44e-03	80.4	80.4	80.4	80.4	199.4	-89.4	-28.2	-9.007e+04	-1.240e+05	-2.878e+04
336	ok	0.04	0.2	1.48e-03	80.4	80.4	80.4	80.4	200.0	-92.0	-28.7	-8.154e+04	-1.441e+05	-1.114e+04
337	ok	0.04	0.2	1.44e-03	80.4	80.4	80.4	80.4	200.5	-89.2	-28.3	-7.832e+04	-1.280e+05	-9453.3
359	ok	0.04	0.2	1.49e-03	80.4	80.4	80.4	80.4	198.7	-92.3	28.5	-9.427e+04	-1.398e+05	3.207e+04
360	ok	0.04	0.2	1.44e-03	80.4	80.4	80.4	80.4	199.4	-89.4	28.2	-9.007e+04	-1.240e+05	2.878e+04
382	ok	0.04	0.2	1.43e-03	80.4	80.4	80.4	80.4	166.8	-69.3	76.1	-1.312e+05	-9.519e+04	5.435e+04
383	ok	0.04	0.2	1.39e-03	80.4	80.4	80.4	80.4	167.8	-66.8	75.4	-1.234e+05	-8.368e+04	4.797e+04
405	ok	0.04	0.2	1.33e-03	80.4	80.4	80.4	80.4	117.0	-34.9	101.2	-1.678e+05	-3.538e+04	3.808e+04
406	ok	0.04	0.2	1.30e-03	80.4	80.4	80.4	80.4	118.3	-33.1	100.4	-1.559e+05	-2.979e+04	3.227e+04
428	ok	0.04	0.2	1.22e-03	80.4	80.4	80.4	80.4	32.3	14.6	92.3	-1.125e+05	5.482e+04	-4.865e+04
429	ok	0.04	0.2	1.19e-03	80.4	80.4	80.4	80.4	33.2	14.6	91.9	-1.032e+05	5.144e+04	-4.727e+04
451	ok	0.04	0.2	1.13e-03	80.4	80.4	80.4	80.4	29.4	6.5	89.7	-1.348e+05	1.756e+04	-6.930e+04
452	ok	0.04	0.2	1.12e-03	80.4	80.4	80.4	80.4	30.5	7.1	89.5	-1.238e+05	1.705e+04	-6.633e+04
474	ok	0.04	0.2	1.29e-03	80.4	80.4	80.4	80.4	-7.0	-1.1	78.7	4.894e+04	1.564e+04	-1.055e+05

475	ok	0.04	0.2	1.30e-03	80.4	80.4	80.4	80.4	-7.5	-1.6	78.7	4.565e+04	1.498e+04	-9.937e+04
497	ok	0.04	0.2	1.69e-03	80.4	80.4	80.4	80.4	-29.4	-6.5	89.7	1.302e+05	-8789.2	-7.445e+04
498	ok	0.04	0.2	1.70e-03	80.4	80.4	80.4	80.4	-30.5	-7.1	89.5	1.207e+05	-7828.3	-7.108e+04
520	ok	0.04	0.2	2.17e-03	80.4	80.4	80.4	80.4	-32.3	-14.6	92.3	1.094e+05	-4.761e+04	-5.536e+04
521	ok	0.04	0.2	2.18e-03	80.4	80.4	80.4	80.4	-33.2	-14.6	91.9	1.015e+05	-4.366e+04	-5.346e+04
543	ok	0.04	0.2	2.62e-03	80.4	80.4	80.4	80.4	-117.0	34.9	101.2	1.709e+05	3.634e+04	2.970e+04
544	ok	0.04	0.2	2.63e-03	80.4	80.4	80.4	80.4	-118.3	33.1	100.4	1.600e+05	3.180e+04	2.453e+04
566	ok	0.04	0.2	2.96e-03	80.4	80.4	80.4	80.4	-166.8	69.3	76.1	1.384e+05	9.211e+04	4.765e+04
567	ok	0.04	0.2	2.97e-03	80.4	80.4	80.4	80.4	-167.8	66.8	75.4	1.312e+05	8.197e+04	4.178e+04

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**
								-200.54	-92.30	-101.16	-1.678e+05	-1.441e+05	-1.055e+05
	0.04	0.24	3.18e-03	80.42	80.42	80.42	80.42	200.54	92.30	101.16	1.709e+05	1.378e+05	1.055e+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
14	ok Av	5.87	0.12	0.01	6.6	0.8	1374.9	159.2
15	ok Av	5.87	0.12	0.01	6.6	0.8	1374.9	159.2
60	ok Av	5.87	0.12	0.04	6.6	2.1	1374.9	434.5
61	ok Av	5.87	0.12	0.04	6.6	2.1	1374.9	434.5
83	ok Av	5.87	0.12	0.04	6.6	2.1	1374.9	434.5
84	ok Av	5.87	0.12	0.04	6.6	2.1	1374.9	434.5
106	ok Av	5.47	0.11	0.05	5.8	2.9	1215.0	592.6
107	ok Av	5.47	0.11	0.05	5.8	2.9	1215.0	592.6
129	ok Av	4.70	0.08	0.05	4.5	2.9	938.2	592.6
130	ok Av	4.70	0.08	0.05	4.5	2.9	938.2	592.6
152	ok	3.63						
153	ok	3.63						
175	ok	2.33						
176	ok	2.33						
198	ok	1.08						
199	ok	1.08						
221	ok	2.42						
222	ok	2.42						
244	ok	3.72						
245	ok	3.72						
267	ok Av	4.80	0.08	0.05	4.6	2.9	956.9	606.9
268	ok Av	4.80	0.08	0.05	4.6	2.9	956.9	606.9
290	ok Av	5.57	0.11	0.05	6.0	2.9	1236.7	606.9
291	ok Av	5.57	0.11	0.05	6.0	2.9	1236.7	606.9
313	ok Av	5.97	0.12	0.04	6.7	2.1	1398.2	443.5
314	ok Av	5.97	0.12	0.04	6.7	2.1	1398.2	443.5
336	ok Av	5.97	0.12	0.01	6.7	0.8	1398.2	162.2
337	ok Av	5.97	0.12	0.01	6.7	0.8	1398.2	162.2
359	ok Av	5.97	0.12	0.04	6.7	2.1	1398.2	443.5
360	ok Av	5.97	0.12	0.04	6.7	2.1	1398.2	443.5
382	ok Av	5.57	0.11	0.05	6.0	2.9	1236.7	606.9
383	ok Av	5.57	0.11	0.05	6.0	2.9	1236.7	606.9
405	ok Av	4.80	0.08	0.05	4.6	2.9	956.9	606.9
406	ok Av	4.80	0.08	0.05	4.6	2.9	956.9	606.9
428	ok	3.72						
429	ok	3.72						
451	ok	2.42						
452	ok	2.42						
474	ok	1.08						
475	ok	1.08						
497	ok	2.33						
498	ok	2.33						
520	ok	3.63						
521	ok	3.63						
543	ok Av	4.70	0.08	0.05	4.5	2.9	938.2	592.6
544	ok Av	4.70	0.08	0.05	4.5	2.9	938.2	592.6
566	ok Av	5.47	0.11	0.05	5.8	2.9	1215.0	592.6
567	ok Av	5.47	0.11	0.05	5.8	2.9	1215.0	592.6

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	5.97	0.12	0.05	6.73	2.92	1398.23	606.90

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
9	226.45	10	9	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
15	ok	0.04	0.1	2.89e-03	80.4	80.4	80.4	80.4	-170.1	85.8	-25.7	4.371e+04	9.282e+04	-8162.7
16	ok	0.04	0.1	2.89e-03	80.4	80.4	80.4	80.4	-170.6	83.1	-25.4	4.149e+04	8.173e+04	-6942.2
61	ok	0.04	0.2	2.86e-03	80.4	80.4	80.4	80.4	-168.7	86.1	-25.6	5.371e+04	8.974e+04	-2.364e+04
62	ok	0.04	0.1	2.87e-03	80.4	80.4	80.4	80.4	-169.4	83.3	-25.3	5.077e+04	7.888e+04	-2.132e+04
84	ok	0.04	0.2	2.86e-03	80.4	80.4	80.4	80.4	-168.7	86.1	25.6	5.371e+04	8.974e+04	2.364e+04
85	ok	0.04	0.1	2.87e-03	80.4	80.4	80.4	80.4	-169.4	83.3	25.3	5.077e+04	7.888e+04	2.132e+04
107	ok	0.04	0.2	2.68e-03	80.4	80.4	80.4	80.4	-139.9	64.6	-67.9	8.259e+04	5.823e+04	-3.959e+04
108	ok	0.04	0.1	2.69e-03	80.4	80.4	80.4	80.4	-140.9	62.2	-67.2	7.704e+04	5.047e+04	-3.511e+04
130	ok	0.04	0.2	2.36e-03	80.4	80.4	80.4	80.4	-95.4	32.5	-89.2	1.116e+05	1.722e+04	-2.682e+04
131	ok	0.04	0.2	2.37e-03	80.4	80.4	80.4	80.4	-96.6	30.8	-88.4	1.032e+05	1.375e+04	-2.287e+04
153	ok	0.04	0.2	1.94e-03	80.4	80.4	80.4	80.4	-23.6	-14.4	-78.3	7.404e+04	-4.252e+04	3.617e+04
154	ok	0.04	0.2	1.95e-03	80.4	80.4	80.4	80.4	-24.5	-14.5	-77.9	6.800e+04	-3.951e+04	3.473e+04
176	ok	0.04	0.2	1.49e-03	80.4	80.4	80.4	80.4	-20.5	-5.8	-75.6	9.115e+04	-1.063e+04	5.188e+04
177	ok	0.04	0.2	1.50e-03	80.4	80.4	80.4	80.4	-21.6	-6.5	-75.4	8.388e+04	-9898.6	4.932e+04
199	ok	0.04	0.1	1.12e-03	80.4	80.4	80.4	80.4	-4.1	-0.6	-64.7	3.518e+04	1.236e+04	7.515e+04
200	ok	0.04	0.1	1.13e-03	80.4	80.4	80.4	80.4	-4.6	-1.0	-64.7	3.264e+04	1.185e+04	7.044e+04
222	ok	0.04	0.2	1.05e-03	80.4	80.4	80.4	80.4	20.5	5.8	-75.6	-9.328e+04	1.924e+04	4.776e+04
223	ok	0.04	0.2	1.03e-03	80.4	80.4	80.4	80.4	21.6	6.5	-75.4	-8.491e+04	1.885e+04	4.549e+04
245	ok	0.04	0.2	1.17e-03	80.4	80.4	80.4	80.4	23.6	14.4	-78.3	-7.492e+04	4.988e+04	3.080e+04
246	ok	0.04	0.2	1.14e-03	80.4	80.4	80.4	80.4	24.5	14.5	-77.9	-6.787e+04	4.730e+04	2.974e+04
268	ok	0.04	0.2	1.31e-03	80.4	80.4	80.4	80.4	95.4	-32.5	-89.2	-1.075e+05	-1.487e+04	-3.353e+04
269	ok	0.04	0.2	1.27e-03	80.4	80.4	80.4	80.4	96.6	-30.8	-88.4	-9.843e+04	-1.061e+04	-2.911e+04
291	ok	0.04	0.2	1.42e-03	80.4	80.4	80.4	80.4	139.9	-64.6	-67.9	-7.523e+04	-5.911e+04	-4.497e+04
292	ok	0.04	0.1	1.38e-03	80.4	80.4	80.4	80.4	140.9	-62.2	-67.2	-6.926e+04	-5.034e+04	-4.010e+04
314	ok	0.04	0.2	1.48e-03	80.4	80.4	80.4	80.4	168.7	-86.1	-25.6	-4.421e+04	-9.276e+04	-2.623e+04
315	ok	0.04	0.1	1.43e-03	80.4	80.4	80.4	80.4	169.4	-83.3	-25.3	-4.101e+04	-8.073e+04	-2.372e+04
337	ok	0.04	0.1	1.48e-03	80.4	80.4	80.4	80.4	170.1	-85.8	25.7	-3.375e+04	-9.629e+04	9046.6
338	ok	0.04	0.1	1.43e-03	80.4	80.4	80.4	80.4	170.6	-83.1	25.4	-3.130e+04	-8.401e+04	7763.0
360	ok	0.04	0.2	1.48e-03	80.4	80.4	80.4	80.4	168.7	-86.1	25.6	-4.421e+04	-9.276e+04	2.623e+04
361	ok	0.04	0.1	1.43e-03	80.4	80.4	80.4	80.4	169.4	-83.3	25.3	-4.101e+04	-8.073e+04	2.372e+04
383	ok	0.04	0.2	1.42e-03	80.4	80.4	80.4	80.4	139.9	-64.6	67.9	-7.523e+04	-5.911e+04	4.497e+04
384	ok	0.04	0.1	1.38e-03	80.4	80.4	80.4	80.4	140.9	-62.2	67.2	-6.926e+04	-5.034e+04	4.010e+04
406	ok	0.04	0.2	1.31e-03	80.4	80.4	80.4	80.4	95.4	-32.5	89.2	-1.075e+05	-1.487e+04	3.353e+04
407	ok	0.04	0.2	1.27e-03	80.4	80.4	80.4	80.4	96.6	-30.8	88.4	-9.843e+04	-1.061e+04	2.911e+04
429	ok	0.04	0.2	1.17e-03	80.4	80.4	80.4	80.4	23.6	14.4	78.3	-7.492e+04	4.988e+04	-3.080e+04
430	ok	0.04	0.2	1.14e-03	80.4	80.4	80.4	80.4	24.5	14.5	77.9	-6.787e+04	4.730e+04	-2.974e+04
452	ok	0.04	0.2	1.05e-03	80.4	80.4	80.4	80.4	20.5	5.8	75.6	-9.328e+04	1.924e+04	-4.776e+04
453	ok	0.04	0.2	1.03e-03	80.4	80.4	80.4	80.4	21.6	6.5	75.4	-8.491e+04	1.885e+04	-4.549e+04
475	ok	0.04	0.1	1.12e-03	80.4	80.4	80.4	80.4	-4.1	-0.6	64.7	3.518e+04	1.236e+04	-7.515e+04
476	ok	0.04	0.1	1.13e-03	80.4	80.4	80.4	80.4	-4.6	-1.0	64.7	3.264e+04	1.185e+04	-7.044e+04
498	ok	0.04	0.2	1.49e-03	80.4	80.4	80.4	80.4	-20.5	-5.8	75.6	9.115e+04	-1.063e+04	-5.188e+04
499	ok	0.04	0.2	1.50e-03	80.4	80.4	80.4	80.4	-21.6	-6.5	75.4	8.388e+04	-9898.6	-4.932e+04
521	ok	0.04	0.2	1.94e-03	80.4	80.4	80.4	80.4	-23.6	-14.4	78.3	7.404e+04	-4.252e+04	-3.617e+04
522	ok	0.04	0.2	1.95e-03	80.4	80.4	80.4	80.4	-24.5	-14.5	77.9	6.800e+04	-3.951e+04	-3.473e+04
544	ok	0.04	0.2	2.36e-03	80.4	80.4	80.4	80.4	-95.4	32.5	89.2	1.116e+05	1.722e+04	2.682e+04
545	ok	0.04	0.2	2.37e-03	80.4	80.4	80.4	80.4	-96.6	30.8	88.4	1.032e+05	1.375e+04	2.287e+04
567	ok	0.04	0.2	2.68e-03	80.4	80.4	80.4	80.4	-139.9	64.6	67.9	8.259e+04	5.823e+04	3.959e+04
568	ok	0.04	0.1	2.69e-03	80.4	80.4	80.4	80.4	-140.9	62.2	67.2	7.704e+04	5.047e+04	3.511e+04

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
									-170.64	-86.14	-89.22	-1.075e+05	-9.629e+04	-7.515e+04
		0.04	0.18	2.89e-03	80.42	80.42	80.42	80.42	170.64	86.14	89.22	1.116e+05	9.282e+04	7.515e+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
15	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
16	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
61	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
62	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
84	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
85	ok Av	4.29	0.09	9.08e-03	4.8	0.5	930.5	96.9
107	ok	4.01						
108	ok	4.01						
130	ok	3.47						
131	ok	3.47						
153	ok	2.73						
154	ok	2.73						
176	ok	1.85						
177	ok	1.85						
199	ok	1.05						
200	ok	1.05						

222	ok	1.85						
223	ok	1.85						
245	ok	2.72						
246	ok	2.72						
268	ok	3.47						
269	ok	3.47						
291	ok	4.00						
292	ok	4.00						
314	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
315	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
337	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
338	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
360	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
361	ok Av	4.28	0.09	9.06e-03	4.8	0.5	929.5	96.7
383	ok	4.00						
384	ok	4.00						
406	ok	3.47						
407	ok	3.47						
429	ok	2.72						
430	ok	2.72						
452	ok	1.85						
453	ok	1.85						
475	ok	1.05						
476	ok	1.05						
498	ok	1.85						
499	ok	1.85						
521	ok	2.73						
522	ok	2.73						
544	ok	3.47						
545	ok	3.47						
567	ok	4.01						
568	ok	4.01						

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	4.29	0.09	9.08e-03	4.84	0.50	930.54	96.85

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
10	208.80	10	9	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
16	ok	0.04	9.96e-02	2.61e-03	80.4	80.4	80.4	80.4	-143.1	79.4	-22.8	1.257e+04	6.026e+04	-6514.9
17	ok	0.04	8.59e-02	2.62e-03	80.4	80.4	80.4	80.4	-143.6	76.8	-22.5	1.093e+04	5.204e+04	-5611.1
62	ok	0.04	0.1	2.59e-03	80.4	80.4	80.4	80.4	-141.8	79.7	-22.7	2.050e+04	5.781e+04	-1.881e+04
63	ok	0.04	9.29e-02	2.60e-03	80.4	80.4	80.4	80.4	-142.4	77.1	-22.4	1.833e+04	4.976e+04	-1.708e+04
85	ok	0.04	0.1	2.59e-03	80.4	80.4	80.4	80.4	-141.8	79.7	22.7	2.050e+04	5.781e+04	1.881e+04
86	ok	0.04	9.29e-02	2.60e-03	80.4	80.4	80.4	80.4	-142.4	77.1	22.4	1.833e+04	4.976e+04	1.708e+04
108	ok	0.04	0.1	2.42e-03	80.4	80.4	80.4	80.4	-116.1	59.9	-59.9	4.398e+04	3.473e+04	-3.195e+04
109	ok	0.04	0.1	2.43e-03	80.4	80.4	80.4	80.4	-117.0	57.7	-59.3	3.987e+04	2.898e+04	-2.863e+04
131	ok	0.04	0.1	2.12e-03	80.4	80.4	80.4	80.4	-76.9	30.3	-78.0	6.865e+04	5318.4	-2.325e+04
132	ok	0.04	0.1	2.13e-03	80.4	80.4	80.4	80.4	-78.1	28.7	-77.3	6.245e+04	2739.2	-2.033e+04
154	ok	0.04	0.1	1.73e-03	80.4	80.4	80.4	80.4	-16.7	-13.4	-66.1	4.793e+04	-3.603e+04	2.207e+04
155	ok	0.04	0.1	1.74e-03	80.4	80.4	80.4	80.4	-17.5	-13.4	-65.7	4.345e+04	-3.381e+04	2.101e+04
177	ok	0.04	0.1	1.31e-03	80.4	80.4	80.4	80.4	-13.6	-4.9	-63.4	6.151e+04	-1.076e+04	3.454e+04
178	ok	0.04	0.1	1.32e-03	80.4	80.4	80.4	80.4	-14.6	-5.5	-63.2	5.612e+04	-1.022e+04	3.265e+04
200	ok	0.04	0.1	9.71e-04	80.4	80.4	80.4	80.4	-2.0	-0.1	-53.0	2.445e+04	9395.0	5.150e+04
201	ok	0.04	0.1	9.79e-04	80.4	80.4	80.4	80.4	-2.4	-0.6	-53.0	2.256e+04	9017.9	4.802e+04
223	ok	0.04	0.1	9.75e-04	80.4	80.4	80.4	80.4	13.6	4.9	-63.4	-6.214e+04	1.841e+04	3.137e+04
224	ok	0.04	0.1	9.58e-04	80.4	80.4	80.4	80.4	14.6	5.5	-63.2	-5.595e+04	1.811e+04	2.968e+04
246	ok	0.04	0.1	1.12e-03	80.4	80.4	80.4	80.4	16.7	13.4	-66.1	-4.759e+04	4.271e+04	1.794e+04
247	ok	0.04	0.1	1.09e-03	80.4	80.4	80.4	80.4	17.5	13.4	-65.7	-4.238e+04	4.080e+04	1.715e+04
269	ok	0.04	0.1	1.28e-03	80.4	80.4	80.4	80.4	43.1	0.5	-79.3	-5.339e+04	2.934e+04	-1.412e+04
270	ok	0.04	0.1	1.25e-03	80.4	80.4	80.4	80.4	44.1	1.1	-78.6	-4.732e+04	2.916e+04	-1.216e+04
292	ok	0.04	0.1	1.41e-03	80.4	80.4	80.4	80.4	116.1	-59.9	-59.9	-3.730e+04	-3.439e+04	-3.609e+04
293	ok	0.04	0.1	1.36e-03	80.4	80.4	80.4	80.4	117.0	-57.7	-59.3	-3.288e+04	-2.791e+04	-3.249e+04
315	ok	0.04	0.1	1.47e-03	80.4	80.4	80.4	80.4	141.8	-79.7	-22.7	-1.217e+04	-5.912e+04	-2.080e+04
316	ok	0.04	9.19e-02	1.43e-03	80.4	80.4	80.4	80.4	142.4	-77.1	-22.4	-9806.7	-5.023e+04	-1.895e+04
338	ok	0.04	9.97e-02	1.47e-03	80.4	80.4	80.4	80.4	143.1	-79.4	22.8	-3889.3	-6.192e+04	7195.3
339	ok	0.04	8.51e-02	1.42e-03	80.4	80.4	80.4	80.4	143.6	-76.8	22.5	-2074.3	-5.284e+04	6246.2
361	ok	0.04	0.1	1.47e-03	80.4	80.4	80.4	80.4	141.8	-79.7	22.7	-1.217e+04	-5.912e+04	2.080e+04
362	ok	0.04	9.19e-02	1.43e-03	80.4	80.4	80.4	80.4	142.4	-77.1	22.4	-9806.7	-5.023e+04	1.895e+04

384	ok	0.04	0.1	1.41e-03	80.4	80.4	80.4	80.4	116.1	-59.9	59.9	-3.730e+04	-3.439e+04	3.609e+04
385	ok	0.04	0.1	1.36e-03	80.4	80.4	80.4	80.4	117.0	-57.7	59.3	-3.288e+04	-2.791e+04	3.249e+04
407	ok	0.04	0.1	1.28e-03	80.4	80.4	80.4	80.4	43.1	0.5	79.3	-5.339e+04	2.934e+04	1.412e+04
408	ok	0.04	0.1	1.25e-03	80.4	80.4	80.4	80.4	44.1	1.1	78.6	-4.732e+04	2.916e+04	1.216e+04
430	ok	0.04	0.1	1.12e-03	80.4	80.4	80.4	80.4	16.7	13.4	66.1	-4.759e+04	4.271e+04	-1.794e+04
431	ok	0.04	0.1	1.09e-03	80.4	80.4	80.4	80.4	17.5	13.4	65.7	-4.238e+04	4.080e+04	-1.715e+04
453	ok	0.04	0.1	9.75e-04	80.4	80.4	80.4	80.4	13.6	4.9	63.4	-6.214e+04	1.841e+04	-3.137e+04
454	ok	0.04	0.1	9.58e-04	80.4	80.4	80.4	80.4	14.6	5.5	63.2	-5.595e+04	1.811e+04	-2.968e+04
476	ok	0.04	0.1	9.71e-04	80.4	80.4	80.4	80.4	-2.0	-0.1	53.0	2.445e+04	9395.0	-5.150e+04
477	ok	0.04	0.1	9.79e-04	80.4	80.4	80.4	80.4	-2.4	-0.6	53.0	2.256e+04	9017.9	-4.802e+04
499	ok	0.04	0.1	1.31e-03	80.4	80.4	80.4	80.4	-13.6	-4.9	63.4	6.151e+04	-1.076e+04	-3.454e+04
500	ok	0.04	0.1	1.32e-03	80.4	80.4	80.4	80.4	-14.6	-5.5	63.2	5.612e+04	-1.022e+04	-3.265e+04
522	ok	0.04	0.1	1.73e-03	80.4	80.4	80.4	80.4	-16.7	-13.4	66.1	4.793e+04	-3.603e+04	-2.207e+04
523	ok	0.04	0.1	1.74e-03	80.4	80.4	80.4	80.4	-17.5	-13.4	65.7	4.345e+04	-3.381e+04	-2.101e+04
545	ok	0.04	0.1	2.12e-03	80.4	80.4	80.4	80.4	-76.9	30.3	78.0	6.865e+04	5318.4	2.325e+04
546	ok	0.04	0.1	2.13e-03	80.4	80.4	80.4	80.4	-78.1	28.7	77.3	6.245e+04	2739.2	2.033e+04
568	ok	0.04	0.1	2.42e-03	80.4	80.4	80.4	80.4	-116.1	59.9	59.9	4.398e+04	3.473e+04	3.195e+04
569	ok	0.04	0.1	2.43e-03	80.4	80.4	80.4	80.4	-117.0	57.7	59.3	3.987e+04	2.898e+04	2.863e+04

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**
								-143.64	-79.67	-79.31	-6.214e+04	-6.192e+04	-5.150e+04
	0.04	0.12	2.62e-03	80.42	80.42	80.42	80.42	143.64	79.67	79.31	6.865e+04	6.026e+04	5.150e+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
16	ok	2.97						
17	ok	2.97						
62	ok	2.97						
63	ok	2.97						
85	ok	2.97						
86	ok	2.97						
108	ok	2.79						
109	ok	2.79						
131	ok	2.45						
132	ok	2.45						
154	ok	1.98						
155	ok	1.98						
177	ok	1.46						
178	ok	1.46						
200	ok	1.02						
201	ok	1.02						
223	ok	1.39						
224	ok	1.39						
246	ok	1.91						
247	ok	1.91						
269	ok	2.37						
270	ok	2.37						
292	ok	2.71						
293	ok	2.71						
315	ok	2.89						
316	ok	2.89						
338	ok	2.89						
339	ok	2.89						
361	ok	2.89						
362	ok	2.89						
384	ok	2.71						
385	ok	2.71						
407	ok	2.37						
408	ok	2.37						
430	ok	1.91						
431	ok	1.91						
453	ok	1.39						
454	ok	1.39						
476	ok	1.02						
477	ok	1.02						
499	ok	1.46						
500	ok	1.46						
522	ok	1.98						
523	ok	1.98						
545	ok	2.45						
546	ok	2.45						
568	ok	2.79						
569	ok	2.79						

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	2.97						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	191.15	10	9	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
17	ok	0.05	6.73e-02	2.37e-03	80.4	80.4	80.4	80.4	-120.0	72.6	20.1	-5528.6	3.709e+04	5029.8
18	ok	0.05	5.64e-02	2.38e-03	80.4	80.4	80.4	80.4	-120.5	70.4	19.8	-6724.6	3.110e+04	4372.5
63	ok	0.05	7.22e-02	2.35e-03	80.4	80.4	80.4	80.4	-118.8	72.9	-19.9	624.7	3.519e+04	-1.458e+04
64	ok	0.05	6.12e-02	2.36e-03	80.4	80.4	80.4	80.4	-119.3	70.6	-19.7	-955.9	2.932e+04	-1.332e+04
86	ok	0.05	7.22e-02	2.35e-03	80.4	80.4	80.4	80.4	-118.8	72.9	19.9	624.7	3.519e+04	1.458e+04
87	ok	0.05	6.12e-02	2.36e-03	80.4	80.4	80.4	80.4	-119.3	70.6	19.7	-955.9	2.932e+04	1.332e+04
109	ok	0.05	7.80e-02	2.19e-03	80.4	80.4	80.4	80.4	-96.1	54.9	-52.5	1.918e+04	1.867e+04	-2.504e+04
110	ok	0.05	6.73e-02	2.20e-03	80.4	80.4	80.4	80.4	-96.9	53.0	-52.0	1.620e+04	1.448e+04	-2.262e+04
132	ok	0.05	8.30e-02	1.91e-03	80.4	80.4	80.4	80.4	-33.2	-7.39e-02	-68.3	3.213e+04	-2.310e+04	-9752.3
133	ok	0.05	7.30e-02	1.92e-03	80.4	80.4	80.4	80.4	-34.1	-0.6	-67.7	2.813e+04	-2.263e+04	-8572.1
155	ok	0.05	8.56e-02	1.55e-03	80.4	80.4	80.4	80.4	-11.4	-12.0	-55.7	2.959e+04	-2.961e+04	1.262e+04
156	ok	0.05	7.67e-02	1.56e-03	80.4	80.4	80.4	80.4	-12.1	-12.0	-55.4	2.633e+04	-2.800e+04	1.185e+04
178	ok	0.05	8.52e-02	1.16e-03	80.4	80.4	80.4	80.4	-8.6	-4.0	-53.2	4.013e+04	-1.004e+04	2.230e+04
179	ok	0.05	7.77e-02	1.17e-03	80.4	80.4	80.4	80.4	-9.4	-4.6	-53.0	3.621e+04	-9656.5	2.092e+04
201	ok	0.05	8.14e-02	8.48e-04	80.4	80.4	80.4	80.4	-0.5	0.1	-43.5	1.653e+04	6939.5	3.438e+04
202	ok	0.05	7.55e-02	8.55e-04	80.4	80.4	80.4	80.4	-0.8	-0.2	-43.5	1.515e+04	6663.0	3.186e+04
224	ok	0.05	8.21e-02	9.12e-04	80.4	80.4	80.4	80.4	8.6	4.0	-53.2	-3.990e+04	1.643e+04	1.993e+04
225	ok	0.05	7.37e-02	8.95e-04	80.4	80.4	80.4	80.4	9.4	4.6	-53.0	-3.542e+04	1.622e+04	1.871e+04
247	ok	0.05	8.34e-02	1.08e-03	80.4	80.4	80.4	80.4	11.4	12.0	-55.7	-2.864e+04	3.529e+04	9540.0
248	ok	0.05	7.36e-02	1.05e-03	80.4	80.4	80.4	80.4	12.1	12.0	-55.4	-2.487e+04	3.389e+04	8963.0
270	ok	0.05	8.14e-02	1.25e-03	80.4	80.4	80.4	80.4	33.2	7.39e-02	-68.3	-2.933e+04	2.692e+04	-1.360e+04
271	ok	0.05	7.05e-02	1.22e-03	80.4	80.4	80.4	80.4	34.1	0.6	-67.7	-2.493e+04	2.678e+04	-1.218e+04
293	ok	0.05	7.69e-02	1.39e-03	80.4	80.4	80.4	80.4	96.1	-54.9	-52.5	-1.351e+04	-1.771e+04	-2.812e+04
294	ok	0.05	6.53e-02	1.35e-03	80.4	80.4	80.4	80.4	96.9	-53.0	-52.0	-1.031e+04	-1.302e+04	-2.551e+04
316	ok	0.05	7.15e-02	1.46e-03	80.4	80.4	80.4	80.4	118.8	-72.9	-19.9	6274.0	-3.546e+04	-1.606e+04
317	ok	0.05	5.97e-02	1.41e-03	80.4	80.4	80.4	80.4	119.3	-70.6	-19.7	7991.2	-2.901e+04	-1.472e+04
339	ok	0.05	6.67e-02	1.45e-03	80.4	80.4	80.4	80.4	120.0	-72.6	-20.1	1.269e+04	-3.762e+04	-5536.4
340	ok	0.05	5.51e-02	1.41e-03	80.4	80.4	80.4	80.4	120.5	-70.4	-19.8	1.401e+04	-3.104e+04	-4847.4
362	ok	0.05	7.15e-02	1.46e-03	80.4	80.4	80.4	80.4	118.8	-72.9	19.9	6274.0	-3.546e+04	1.606e+04
363	ok	0.05	5.97e-02	1.41e-03	80.4	80.4	80.4	80.4	119.3	-70.6	19.7	7991.2	-2.901e+04	1.472e+04
385	ok	0.05	7.69e-02	1.39e-03	80.4	80.4	80.4	80.4	96.1	-54.9	52.5	-1.351e+04	-1.771e+04	2.812e+04
386	ok	0.05	6.53e-02	1.35e-03	80.4	80.4	80.4	80.4	96.9	-53.0	52.0	-1.031e+04	-1.302e+04	2.551e+04
408	ok	0.05	8.14e-02	1.25e-03	80.4	80.4	80.4	80.4	33.2	7.39e-02	68.3	-2.933e+04	2.692e+04	1.360e+04
409	ok	0.05	7.05e-02	1.22e-03	80.4	80.4	80.4	80.4	34.1	0.6	67.7	-2.493e+04	2.678e+04	1.218e+04
431	ok	0.05	8.34e-02	1.08e-03	80.4	80.4	80.4	80.4	11.4	12.0	55.7	-2.864e+04	3.529e+04	-9540.0
432	ok	0.05	7.36e-02	1.05e-03	80.4	80.4	80.4	80.4	12.1	12.0	55.4	-2.487e+04	3.389e+04	-8963.0
454	ok	0.05	8.21e-02	9.12e-04	80.4	80.4	80.4	80.4	8.6	4.0	53.2	-3.990e+04	1.643e+04	-1.993e+04
455	ok	0.05	7.37e-02	8.95e-04	80.4	80.4	80.4	80.4	9.4	4.6	53.0	-3.542e+04	1.622e+04	-1.871e+04
477	ok	0.05	8.14e-02	8.48e-04	80.4	80.4	80.4	80.4	-0.5	0.1	43.5	1.653e+04	6939.5	-3.438e+04
478	ok	0.05	7.55e-02	8.55e-04	80.4	80.4	80.4	80.4	-0.8	-0.2	43.5	1.515e+04	6663.0	-3.186e+04
500	ok	0.05	8.52e-02	1.16e-03	80.4	80.4	80.4	80.4	-8.6	-4.0	53.2	4.013e+04	-1.004e+04	-2.230e+04
501	ok	0.05	7.77e-02	1.17e-03	80.4	80.4	80.4	80.4	-9.4	-4.6	53.0	3.621e+04	-9656.5	-2.092e+04
523	ok	0.05	8.56e-02	1.55e-03	80.4	80.4	80.4	80.4	-11.4	-12.0	55.7	2.959e+04	-2.961e+04	-1.262e+04
524	ok	0.05	7.67e-02	1.56e-03	80.4	80.4	80.4	80.4	-12.1	-12.0	55.4	2.633e+04	-2.800e+04	-1.185e+04
546	ok	0.05	8.30e-02	1.91e-03	80.4	80.4	80.4	80.4	-33.2	-7.39e-02	68.3	3.213e+04	-2.310e+04	9752.3
547	ok	0.05	7.30e-02	1.92e-03	80.4	80.4	80.4	80.4	-34.1	-0.6	67.7	2.813e+04	-2.263e+04	8572.1
569	ok	0.05	7.80e-02	2.19e-03	80.4	80.4	80.4	80.4	-96.1	54.9	52.5	1.918e+04	1.867e+04	2.504e+04
570	ok	0.05	6.73e-02	2.20e-03	80.4	80.4	80.4	80.4	-96.9	53.0	52.0	1.620e+04	1.448e+04	2.262e+04

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
									-120.47	-72.88	-68.32	-3.990e+04	-3.762e+04	-3.438e+04
		0.05	0.09	2.38e-03	80.42	80.42	80.42	80.42	120.47	72.88	68.32	4.013e+04	3.709e+04	3.438e+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
17	ok	1.90						
18	ok	1.90						
63	ok	1.90						
64	ok	1.90						
86	ok	1.90						
87	ok	1.90						
109	ok	1.80						
110	ok	1.80						

132	ok	1.62
133	ok	1.62
155	ok	1.38
156	ok	1.38
178	ok	1.13
179	ok	1.13
201	ok	0.94
202	ok	0.94
224	ok	1.05
225	ok	1.05
247	ok	1.27
248	ok	1.27
270	ok	1.50
271	ok	1.50
293	ok	1.68
294	ok	1.68
316	ok	1.77
317	ok	1.77
339	ok	1.77
340	ok	1.77
362	ok	1.77
363	ok	1.77
385	ok	1.68
386	ok	1.68
408	ok	1.50
409	ok	1.50
431	ok	1.27
432	ok	1.27
454	ok	1.05
455	ok	1.05
477	ok	0.94
478	ok	0.94
500	ok	1.13
501	ok	1.13
523	ok	1.38
524	ok	1.38
546	ok	1.62
547	ok	1.62
569	ok	1.80
570	ok	1.80

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	1.90						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	173.50	10	9	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
18	ok	0.05	4.33e-02	2.13e-03	80.4	80.4	80.4	80.4	-99.0	65.9	-17.5	-1.437e+04	2.148e+04	-3773.0
19	ok	0.05	3.49e-02	2.14e-03	80.4	80.4	80.4	80.4	-99.4	64.0	-17.2	-1.521e+04	1.729e+04	-3313.1
64	ok	0.05	4.67e-02	2.11e-03	80.4	80.4	80.4	80.4	-97.8	66.2	-17.3	-9796.7	2.007e+04	-1.088e+04
65	ok	0.05	3.81e-02	2.12e-03	80.4	80.4	80.4	80.4	-98.3	64.3	-17.1	-1.090e+04	1.596e+04	-1.000e+04
87	ok	0.05	4.67e-02	2.11e-03	80.4	80.4	80.4	80.4	-97.8	66.2	17.3	-9796.7	2.007e+04	1.088e+04
88	ok	0.05	3.81e-02	2.12e-03	80.4	80.4	80.4	80.4	-98.3	64.3	17.1	-1.090e+04	1.596e+04	1.000e+04
110	ok	0.05	5.02e-02	1.96e-03	80.4	80.4	80.4	80.4	-78.2	50.1	-45.5	4272.9	8647.0	-1.891e+04
111	ok	0.05	4.18e-02	1.97e-03	80.4	80.4	80.4	80.4	-53.1	22.3	-59.8	3323.8	-6793.3	-1.679e+04
133	ok	0.05	5.35e-02	1.71e-03	80.4	80.4	80.4	80.4	-24.7	0.6	-58.2	1.630e+04	-1.949e+04	-9266.6
134	ok	0.05	4.57e-02	1.72e-03	80.4	80.4	80.4	80.4	-25.4	0.1	-57.6	1.350e+04	-1.917e+04	-8437.9
156	ok	0.05	5.61e-02	1.37e-03	80.4	80.4	80.4	80.4	-7.1	-10.3	-46.5	1.700e+04	-2.312e+04	6276.5
157	ok	0.05	4.91e-02	1.38e-03	80.4	80.4	80.4	80.4	-7.7	-10.3	-46.2	1.471e+04	-2.200e+04	5742.1
179	ok	0.05	5.76e-02	1.01e-03	80.4	80.4	80.4	80.4	-4.5	-3.1	-44.2	2.484e+04	-8602.1	1.348e+04
180	ok	0.05	5.17e-02	1.02e-03	80.4	80.4	80.4	80.4	-5.2	-3.6	-44.1	2.209e+04	-8335.2	1.252e+04
202	ok	0.05	5.79e-02	7.57e-04	80.4	80.4	80.4	80.4	0.7	0.3	-35.3	1.067e+04	4879.3	2.179e+04
203	ok	0.05	5.33e-02	7.50e-04	80.4	80.4	80.4	80.4	0.4	1.70e-02	-35.3	9697.6	4684.1	2.002e+04
225	ok	0.05	5.69e-02	8.54e-04	80.4	80.4	80.4	80.4	4.5	3.1	-44.2	-2.424e+04	1.356e+04	1.180e+04
226	ok	0.05	5.36e-02	8.39e-04	80.4	80.4	80.4	80.4	5.2	3.6	-44.1	-2.112e+04	1.340e+04	1.094e+04
248	ok	0.05	5.47e-02	1.04e-03	80.4	80.4	80.4	80.4	21.2	-5.5	-55.5	-2.691e+04	1.646e+04	-4443.8
249	ok	0.05	5.27e-02	1.02e-03	80.4	80.4	80.4	80.4	22.1	-4.8	-55.1	-2.308e+04	1.672e+04	-3898.8
271	ok	0.05	5.17e-02	1.23e-03	80.4	80.4	80.4	80.4	24.7	-0.6	-58.2	-1.388e+04	2.263e+04	-1.199e+04
272	ok	0.05	5.08e-02	1.19e-03	80.4	80.4	80.4	80.4	25.4	-0.1	-57.6	-1.081e+04	2.253e+04	-1.100e+04

294	ok	0.05	4.88e-02	1.37e-03	80.4	80.4	80.4	80.4	52.4	-23.3	-60.5	-1803.5	7215.1	-2.100e+04
295	ok	0.05	4.82e-02	1.33e-03	80.4	80.4	80.4	80.4	53.1	-22.3	-59.8	683.9	8823.4	-1.917e+04
317	ok	0.05	4.56e-02	1.44e-03	80.4	80.4	80.4	80.4	97.8	-66.2	-17.3	1.511e+04	-1.983e+04	-1.193e+04
318	ok	0.05	4.51e-02	1.40e-03	80.4	80.4	80.4	80.4	98.3	-64.3	-17.1	1.631e+04	-1.533e+04	-1.099e+04
340	ok	0.05	4.23e-02	1.43e-03	80.4	80.4	80.4	80.4	99.0	-65.9	17.5	1.987e+04	-2.143e+04	4131.3
341	ok	0.05	4.20e-02	1.39e-03	80.4	80.4	80.4	80.4	99.4	-64.0	17.2	2.079e+04	-1.684e+04	3650.4
363	ok	0.05	4.56e-02	1.44e-03	80.4	80.4	80.4	80.4	97.8	-66.2	17.3	1.511e+04	-1.983e+04	1.193e+04
364	ok	0.05	4.51e-02	1.40e-03	80.4	80.4	80.4	80.4	98.3	-64.3	17.1	1.631e+04	-1.533e+04	1.099e+04
386	ok	0.05	4.88e-02	1.37e-03	80.4	80.4	80.4	80.4	52.4	-23.3	60.5	-1803.5	7215.1	2.100e+04
387	ok	0.05	4.82e-02	1.33e-03	80.4	80.4	80.4	80.4	53.1	-22.3	59.8	683.9	8823.4	1.917e+04
409	ok	0.05	5.17e-02	1.23e-03	80.4	80.4	80.4	80.4	24.7	-0.6	58.2	-1.388e+04	2.263e+04	1.199e+04
410	ok	0.05	5.08e-02	1.19e-03	80.4	80.4	80.4	80.4	25.4	-0.1	57.6	-1.081e+04	2.253e+04	1.100e+04
432	ok	0.05	5.47e-02	1.04e-03	80.4	80.4	80.4	80.4	21.2	-5.5	55.5	-2.691e+04	1.646e+04	4443.8
433	ok	0.05	5.27e-02	1.02e-03	80.4	80.4	80.4	80.4	22.1	-4.8	55.1	-2.308e+04	1.672e+04	3898.8
455	ok	0.05	5.69e-02	8.54e-04	80.4	80.4	80.4	80.4	4.5	3.1	44.2	-2.424e+04	1.356e+04	-1.180e+04
456	ok	0.05	5.36e-02	8.39e-04	80.4	80.4	80.4	80.4	5.2	3.6	44.1	-2.112e+04	1.340e+04	-1.094e+04
478	ok	0.05	5.79e-02	7.57e-04	80.4	80.4	80.4	80.4	0.7	0.3	35.3	1.067e+04	4879.3	-2.179e+04
479	ok	0.05	5.33e-02	7.50e-04	80.4	80.4	80.4	80.4	0.4	1.70e-02	35.3	9697.6	4684.1	-2.002e+04
501	ok	0.05	5.76e-02	1.01e-03	80.4	80.4	80.4	80.4	-4.5	-3.1	44.2	2.484e+04	-8602.1	-1.348e+04
502	ok	0.05	5.17e-02	1.02e-03	80.4	80.4	80.4	80.4	-5.2	-3.6	44.1	2.209e+04	-8335.2	-1.252e+04
524	ok	0.05	5.61e-02	1.37e-03	80.4	80.4	80.4	80.4	-7.1	-10.3	46.5	1.700e+04	-2.312e+04	-6276.5
525	ok	0.05	4.91e-02	1.38e-03	80.4	80.4	80.4	80.4	-7.7	-10.3	46.2	1.471e+04	-2.200e+04	-5742.1
547	ok	0.05	5.35e-02	1.71e-03	80.4	80.4	80.4	80.4	-24.7	0.6	58.2	1.630e+04	-1.949e+04	9266.6
548	ok	0.05	4.57e-02	1.72e-03	80.4	80.4	80.4	80.4	-25.4	0.1	57.6	1.350e+04	-1.917e+04	8437.9
570	ok	0.05	5.02e-02	1.96e-03	80.4	80.4	80.4	80.4	-78.2	50.1	45.5	4272.9	8647.0	1.891e+04
571	ok	0.05	4.18e-02	1.97e-03	80.4	80.4	80.4	80.4	-53.1	22.3	59.8	3323.8	-6793.3	1.679e+04

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**
								-99.35	-66.18	-60.50	-2.691e+04	-2.312e+04	-2.179e+04
	0.05	0.06	2.14e-03	80.42	80.42	80.42	80.42	99.35	66.18	60.50	2.484e+04	2.263e+04	2.179e+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
18	ok	1.03						
19	ok	1.03						
64	ok	1.03						
65	ok	1.03						
87	ok	1.03						
88	ok	1.03						
110	ok	1.01						
111	ok	1.01						
133	ok	0.96						
134	ok	0.96						
156	ok	0.91						
157	ok	0.91						
179	ok	0.86						
180	ok	0.86						
202	ok	0.81						
203	ok	0.81						
225	ok	0.79						
226	ok	0.79						
248	ok	0.80						
249	ok	0.80						
271	ok	0.83						
272	ok	0.83						
294	ok	0.86						
295	ok	0.86						
317	ok	0.87						
318	ok	0.87						
340	ok	0.87						
341	ok	0.87						
363	ok	0.87						
364	ok	0.87						
386	ok	0.86						
387	ok	0.86						
409	ok	0.83						
410	ok	0.83						
432	ok	0.80						
433	ok	0.80						
455	ok	0.79						
456	ok	0.79						
478	ok	0.81						
479	ok	0.81						
501	ok	0.86						
502	ok	0.86						
524	ok	0.91						

525	ok	0.91
547	ok	0.96
548	ok	0.96
570	ok	1.01
571	ok	1.01

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	1.03						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
13	155.85	10	9	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
19	ok	0.06	3.77e-02	1.91e-03	80.4	80.4	80.4	80.4	-80.8	59.2	-15.0	-1.711e+04	1.129e+04	-2718.8
20	ok	0.06	3.88e-02	1.92e-03	80.4	80.4	80.4	80.4	-81.1	57.6	-14.9	-1.768e+04	8438.4	-2406.1
65	ok	0.06	3.93e-02	1.89e-03	80.4	80.4	80.4	80.4	-79.8	59.4	-14.9	-1.382e+04	1.027e+04	-7842.6
66	ok	0.06	4.01e-02	1.90e-03	80.4	80.4	80.4	80.4	-80.2	57.8	-14.8	-1.457e+04	7474.0	-7245.2
88	ok	0.06	3.93e-02	1.89e-03	80.4	80.4	80.4	80.4	-79.8	59.4	14.9	-1.382e+04	1.027e+04	7842.6
89	ok	0.06	4.01e-02	1.90e-03	80.4	80.4	80.4	80.4	-80.2	57.8	14.8	-1.457e+04	7474.0	7245.2
111	ok	0.06	4.00e-02	1.75e-03	80.4	80.4	80.4	80.4	-41.1	21.4	-51.7	-2051.3	-6560.9	-1.387e+04
112	ok	0.06	4.01e-02	1.76e-03	80.4	80.4	80.4	80.4	-41.6	20.6	-51.1	-3622.9	-7454.1	-1.273e+04
134	ok	0.06	3.97e-02	1.52e-03	80.4	80.4	80.4	80.4	-17.8	1.2	-49.2	6681.4	-1.562e+04	-7951.9
135	ok	0.06	3.90e-02	1.53e-03	80.4	80.4	80.4	80.4	-18.4	0.8	-48.7	4770.4	-1.541e+04	-7386.0
157	ok	0.06	3.88e-02	1.22e-03	80.4	80.4	80.4	80.4	-14.8	5.6	-46.8	1.557e+04	-1.071e+04	-2656.6
158	ok	0.06	3.70e-02	1.23e-03	80.4	80.4	80.4	80.4	-15.6	5.0	-46.5	1.316e+04	-1.077e+04	-2384.9
180	ok	0.06	3.74e-02	8.90e-04	80.4	80.4	80.4	80.4	-1.5	-2.3	-36.5	1.455e+04	-6987.2	7690.0
181	ok	0.06	3.45e-02	8.99e-04	80.4	80.4	80.4	80.4	-2.1	-2.7	-36.4	1.267e+04	-6808.1	7041.5
203	ok	0.06	4.00e-02	6.82e-04	80.4	80.4	80.4	80.4	1.4	0.4	-28.5	6598.0	3292.1	1.322e+04
204	ok	0.06	3.64e-02	6.76e-04	80.4	80.4	80.4	80.4	1.2	0.2	-28.5	5927.4	3157.9	1.203e+04
226	ok	0.06	4.28e-02	8.02e-04	80.4	80.4	80.4	80.4	1.5	2.3	-36.5	-1.385e+04	1.063e+04	6558.7
227	ok	0.06	4.03e-02	7.88e-04	80.4	80.4	80.4	80.4	2.1	2.7	-36.4	-1.174e+04	1.052e+04	5973.0
249	ok	0.06	4.56e-02	1.00e-03	80.4	80.4	80.4	80.4	14.8	-5.6	-46.8	-1.411e+04	1.359e+04	-4373.5
250	ok	0.06	4.41e-02	9.80e-04	80.4	80.4	80.4	80.4	15.6	-5.0	-46.5	-1.151e+04	1.376e+04	-4006.4
272	ok	0.06	4.78e-02	1.20e-03	80.4	80.4	80.4	80.4	17.8	-1.2	-49.2	-4756.5	1.803e+04	-9794.4
273	ok	0.06	4.73e-02	1.17e-03	80.4	80.4	80.4	80.4	18.4	-0.8	-48.7	-2678.5	1.796e+04	-9126.1
295	ok	0.06	4.91e-02	1.34e-03	80.4	80.4	80.4	80.4	41.1	-21.4	-51.7	4929.9	8017.2	-1.559e+04
296	ok	0.06	4.93e-02	1.30e-03	80.4	80.4	80.4	80.4	41.6	-20.6	-51.1	6615.5	9103.3	-1.435e+04
318	ok	0.06	4.90e-02	1.41e-03	80.4	80.4	80.4	80.4	79.8	-59.4	-14.9	1.770e+04	-9819.3	-8553.7
319	ok	0.06	4.99e-02	1.38e-03	80.4	80.4	80.4	80.4	80.2	-57.8	-14.8	1.852e+04	-6774.6	-7916.9
341	ok	0.06	4.76e-02	1.41e-03	80.4	80.4	80.4	80.4	80.8	-59.2	-15.0	2.112e+04	-1.097e+04	-2961.4
342	ok	0.06	4.89e-02	1.37e-03	80.4	80.4	80.4	80.4	81.1	-57.6	14.9	2.174e+04	-7857.6	2635.2
364	ok	0.06	4.90e-02	1.41e-03	80.4	80.4	80.4	80.4	79.8	-59.4	14.9	1.770e+04	-9819.3	8553.7
365	ok	0.06	4.99e-02	1.38e-03	80.4	80.4	80.4	80.4	80.2	-57.8	14.8	1.852e+04	-6774.6	7916.9
387	ok	0.06	4.91e-02	1.34e-03	80.4	80.4	80.4	80.4	41.1	-21.4	51.7	4929.9	8017.2	1.559e+04
388	ok	0.06	4.93e-02	1.30e-03	80.4	80.4	80.4	80.4	41.6	-20.6	51.1	6615.5	9103.3	1.435e+04
410	ok	0.06	4.78e-02	1.20e-03	80.4	80.4	80.4	80.4	17.8	-1.2	49.2	-4756.5	1.803e+04	9794.4
411	ok	0.06	4.73e-02	1.17e-03	80.4	80.4	80.4	80.4	18.4	-0.8	48.7	-2678.5	1.796e+04	9126.1
433	ok	0.06	4.56e-02	1.00e-03	80.4	80.4	80.4	80.4	14.8	-5.6	46.8	-1.411e+04	1.359e+04	4373.5
434	ok	0.06	4.41e-02	9.80e-04	80.4	80.4	80.4	80.4	15.6	-5.0	46.5	-1.151e+04	1.376e+04	4006.4
456	ok	0.06	4.28e-02	8.02e-04	80.4	80.4	80.4	80.4	1.5	2.3	36.5	-1.385e+04	1.063e+04	-6558.7
457	ok	0.06	4.03e-02	7.88e-04	80.4	80.4	80.4	80.4	2.1	2.7	36.4	-1.174e+04	1.052e+04	-5973.0
479	ok	0.06	4.00e-02	6.82e-04	80.4	80.4	80.4	80.4	1.4	0.4	28.5	6598.0	3292.1	-1.322e+04
480	ok	0.06	3.64e-02	6.76e-04	80.4	80.4	80.4	80.4	1.2	0.2	28.5	5927.4	3157.9	-1.203e+04
502	ok	0.06	3.74e-02	8.90e-04	80.4	80.4	80.4	80.4	-1.5	-2.3	36.5	1.455e+04	-6987.2	-7690.0
503	ok	0.06	3.45e-02	8.99e-04	80.4	80.4	80.4	80.4	-2.1	-2.7	36.4	1.267e+04	-6808.1	-7041.5
525	ok	0.06	3.88e-02	1.22e-03	80.4	80.4	80.4	80.4	-14.8	5.6	46.8	1.557e+04	-1.071e+04	2656.6
526	ok	0.06	3.70e-02	1.23e-03	80.4	80.4	80.4	80.4	-15.6	5.0	46.5	1.316e+04	-1.077e+04	2384.9
548	ok	0.06	3.97e-02	1.52e-03	80.4	80.4	80.4	80.4	-17.8	1.2	49.2	6681.4	-1.562e+04	7951.9
549	ok	0.06	3.90e-02	1.53e-03	80.4	80.4	80.4	80.4	-18.4	0.8	48.7	4770.4	-1.541e+04	7386.0
571	ok	0.06	4.00e-02	1.75e-03	80.4	80.4	80.4	80.4	-41.1	21.4	51.7	-2051.3	-6560.9	1.387e+04
572	ok	0.06	4.01e-02	1.76e-03	80.4	80.4	80.4	80.4	-41.6	20.6	51.1	-3622.9	-7454.1	1.273e+04

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
								-81.14	-59.42	-51.68	-1.768e+04	-1.562e+04	-1.559e+04
	0.06	0.05	1.92e-03	80.42	80.42	80.42	80.42	81.14	59.42	51.68	2.174e+04	1.803e+04	1.559e+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

19	ok	0.35
20	ok	0.35
65	ok	0.41
66	ok	0.41
88	ok	0.41
89	ok	0.41
111	ok	0.50
112	ok	0.50
134	ok	0.58
135	ok	0.58
157	ok	0.64
158	ok	0.64
180	ok	0.67
181	ok	0.67
203	ok	0.67
204	ok	0.67
226	ok	0.66
227	ok	0.66
249	ok	0.61
250	ok	0.61
272	ok	0.53
273	ok	0.53
295	ok	0.42
296	ok	0.42
318	ok	0.30
319	ok	0.30
341	ok	0.20
342	ok	0.20
364	ok	0.30
365	ok	0.30
387	ok	0.42
388	ok	0.42
410	ok	0.53
411	ok	0.53
433	ok	0.61
434	ok	0.61
456	ok	0.66
457	ok	0.66
479	ok	0.67
480	ok	0.67
502	ok	0.67
503	ok	0.67
525	ok	0.64
526	ok	0.64
548	ok	0.58
549	ok	0.58
571	ok	0.50
572	ok	0.50

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.67						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
14	138.20	10	9	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
20	ok	0.07	4.00e-02	1.69e-03	80.4	80.4	80.4	80.4	-64.6	52.6	-12.7	-1.598e+04	5135.4	-1867.4
21	ok	0.07	4.08e-02	1.70e-03	80.4	80.4	80.4	80.4	-64.9	51.2	-12.6	-1.635e+04	3279.8	-1664.4
66	ok	0.07	4.03e-02	1.67e-03	80.4	80.4	80.4	80.4	-63.8	52.7	-12.7	-1.372e+04	4433.4	-5386.1
67	ok	0.07	4.09e-02	1.68e-03	80.4	80.4	80.4	80.4	-64.1	51.4	-12.5	-1.421e+04	2614.7	-4997.8
89	ok	0.07	4.03e-02	1.67e-03	80.4	80.4	80.4	80.4	-63.8	52.7	12.7	-1.372e+04	4433.4	5386.1
90	ok	0.07	4.09e-02	1.68e-03	80.4	80.4	80.4	80.4	-64.1	51.4	12.5	-1.421e+04	2614.7	4997.8
112	ok	0.07	3.87e-02	1.55e-03	80.4	80.4	80.4	80.4	-31.3	19.6	-43.5	-5235.6	-6132.6	-9883.1
113	ok	0.07	3.88e-02	1.56e-03	80.4	80.4	80.4	80.4	-31.7	18.9	-43.1	-6257.3	-6716.3	-9138.7
135	ok	0.07	3.54e-02	1.34e-03	80.4	80.4	80.4	80.4	-12.1	1.8	-40.9	1410.9	-1.172e+04	-6262.3
136	ok	0.07	3.49e-02	1.35e-03	80.4	80.4	80.4	80.4	-12.6	1.5	-40.6	167.8	-1.158e+04	-5892.9
158	ok	0.07	3.11e-02	1.07e-03	80.4	80.4	80.4	80.4	-9.5	5.6	-38.9	7505.1	-8361.8	-2634.7
159	ok	0.07	2.99e-02	1.08e-03	80.4	80.4	80.4	80.4	-10.1	5.1	-38.6	5941.2	-8403.3	-2456.3
181	ok	0.07	2.66e-02	7.72e-04	80.4	80.4	80.4	80.4	0.8	-1.5	-29.7	7878.2	-5308.7	4006.0
182	ok	0.07	2.45e-02	7.80e-04	80.4	80.4	80.4	80.4	0.3	-1.8	-29.6	6655.7	-5194.3	3586.9

204	ok	0.07	2.63e-02	6.12e-04	80.4	80.4	80.4	80.4	1.9	0.5	-22.6	3836.5	2089.9	7523.0
205	ok	0.07	2.36e-02	6.07e-04	80.4	80.4	80.4	80.4	1.7	0.3	-22.6	3395.6	2001.7	6745.9
227	ok	0.07	3.13e-02	7.53e-04	80.4	80.4	80.4	80.4	-0.8	1.5	-29.7	-7261.4	7796.9	3288.0
228	ok	0.07	2.95e-02	7.40e-04	80.4	80.4	80.4	80.4	-0.3	1.8	-29.6	-5897.3	7725.6	2906.7
250	ok	0.07	3.69e-02	9.66e-04	80.4	80.4	80.4	80.4	9.5	-5.6	-38.9	-6403.9	1.037e+04	-3724.3
251	ok	0.07	3.58e-02	9.45e-04	80.4	80.4	80.4	80.4	10.1	-5.1	-38.6	-4724.0	1.048e+04	-3488.5
273	ok	0.07	4.20e-02	1.17e-03	80.4	80.4	80.4	80.4	12.1	-1.8	-40.9	-12.3	1.342e+04	-7431.6
274	ok	0.07	4.17e-02	1.14e-03	80.4	80.4	80.4	80.4	12.6	-1.5	-40.6	1331.2	1.337e+04	-7000.6
296	ok	0.07	4.59e-02	1.31e-03	80.4	80.4	80.4	80.4	31.3	-19.6	-43.5	7239.4	7233.8	-1.097e+04
297	ok	0.07	4.61e-02	1.28e-03	80.4	80.4	80.4	80.4	31.7	-18.9	-43.1	8329.7	7933.5	-1.017e+04
319	ok	0.07	4.79e-02	1.39e-03	80.4	80.4	80.4	80.4	63.8	-52.7	-12.7	1.636e+04	-3970.5	-5837.4
320	ok	0.07	4.86e-02	1.35e-03	80.4	80.4	80.4	80.4	52.1	-38.4	-33.4	1.555e+04	1280.8	-8134.5
342	ok	0.07	4.77e-02	1.38e-03	80.4	80.4	80.4	80.4	64.6	-52.6	12.7	1.870e+04	-4752.2	2021.4
343	ok	0.07	4.86e-02	1.35e-03	80.4	80.4	80.4	80.4	64.9	-51.2	12.6	1.910e+04	-2742.7	1810.2
365	ok	0.07	4.79e-02	1.39e-03	80.4	80.4	80.4	80.4	63.8	-52.7	12.7	1.636e+04	-3970.5	5837.4
366	ok	0.07	4.86e-02	1.35e-03	80.4	80.4	80.4	80.4	52.1	-38.4	33.4	1.555e+04	1280.8	8134.5
388	ok	0.07	4.59e-02	1.31e-03	80.4	80.4	80.4	80.4	31.3	-19.6	43.5	7239.4	7233.8	1.097e+04
389	ok	0.07	4.61e-02	1.28e-03	80.4	80.4	80.4	80.4	31.7	-18.9	43.1	8329.7	7933.5	1.017e+04
411	ok	0.07	4.20e-02	1.17e-03	80.4	80.4	80.4	80.4	12.1	-1.8	40.9	-12.3	1.342e+04	7431.6
412	ok	0.07	4.17e-02	1.14e-03	80.4	80.4	80.4	80.4	12.6	-1.5	40.6	1331.2	1.337e+04	7000.6
434	ok	0.07	3.69e-02	9.66e-04	80.4	80.4	80.4	80.4	9.5	-5.6	38.9	-6403.9	1.037e+04	3724.3
435	ok	0.07	3.58e-02	9.45e-04	80.4	80.4	80.4	80.4	10.1	-5.1	38.6	-4724.0	1.048e+04	3488.5
457	ok	0.07	3.13e-02	7.53e-04	80.4	80.4	80.4	80.4	-0.8	1.5	29.7	-7261.4	7796.9	-3288.0
458	ok	0.07	2.95e-02	7.40e-04	80.4	80.4	80.4	80.4	-0.3	1.8	29.6	-5897.3	7725.6	-2906.7
480	ok	0.07	2.63e-02	6.12e-04	80.4	80.4	80.4	80.4	1.9	0.5	22.6	3836.5	2089.9	-7523.0
481	ok	0.07	2.36e-02	6.07e-04	80.4	80.4	80.4	80.4	1.7	0.3	22.6	3395.6	2001.7	-6745.9
503	ok	0.07	2.66e-02	7.72e-04	80.4	80.4	80.4	80.4	0.8	-1.5	29.7	7878.2	-5308.7	-4006.0
504	ok	0.07	2.45e-02	7.80e-04	80.4	80.4	80.4	80.4	0.3	-1.8	29.6	6655.7	-5194.3	-3586.9
526	ok	0.07	3.11e-02	1.07e-03	80.4	80.4	80.4	80.4	-9.5	5.6	38.9	7505.1	-8361.8	2634.7
527	ok	0.07	2.99e-02	1.08e-03	80.4	80.4	80.4	80.4	-10.1	5.1	38.6	5941.2	-8403.3	2456.3
549	ok	0.07	3.54e-02	1.34e-03	80.4	80.4	80.4	80.4	-12.1	1.8	40.9	1410.9	-1.172e+04	6262.3
550	ok	0.07	3.49e-02	1.35e-03	80.4	80.4	80.4	80.4	-12.6	1.5	40.6	167.8	-1.158e+04	5892.9
572	ok	0.07	3.87e-02	1.55e-03	80.4	80.4	80.4	80.4	-31.3	19.6	43.5	-5235.6	-6132.6	9883.1
573	ok	0.07	3.88e-02	1.56e-03	80.4	80.4	80.4	80.4	-31.7	18.9	43.1	-6257.3	-6716.3	9138.7

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**
								-64.89	-52.74	-43.51	-1.635e+04	-1.172e+04	-1.097e+04
	0.07	0.05	1.70e-03	80.42	80.42	80.42	80.42	64.89	52.74	43.51	1.910e+04	1.342e+04	1.097e+04

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
20	ok	0.18						
21	ok	0.18						
66	ok	0.25						
67	ok	0.25						
89	ok	0.25						
90	ok	0.25						
112	ok	0.34						
113	ok	0.34						
135	ok	0.42						
136	ok	0.42						
158	ok	0.48						
159	ok	0.48						
181	ok	0.52						
182	ok	0.52						
204	ok	0.53						
205	ok	0.53						
227	ok	0.53						
228	ok	0.53						
250	ok	0.51						
251	ok	0.51						
273	ok	0.47						
274	ok	0.47						
296	ok	0.42						
297	ok	0.42						
319	ok	0.37						
320	ok	0.37						
342	ok	0.34						
343	ok	0.34						
365	ok	0.37						
366	ok	0.37						
388	ok	0.42						
389	ok	0.42						
411	ok	0.47						
412	ok	0.47						
434	ok	0.51						

435	ok	0.51
457	ok	0.53
458	ok	0.53
480	ok	0.53
481	ok	0.53
503	ok	0.52
504	ok	0.52
526	ok	0.48
527	ok	0.48
549	ok	0.42
550	ok	0.42
572	ok	0.34
573	ok	0.34

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.53						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
15	120.55	10	9	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
21	ok	0.07	3.64e-02	1.46e-03	80.4	80.4	80.4	80.4	-49.7	46.1	10.6	-1.252e+04	1865.5	1195.7
22	ok	0.07	3.70e-02	1.47e-03	80.4	80.4	80.4	80.4	-49.9	45.1	10.5	-1.275e+04	746.6	1073.5
67	ok	0.07	3.60e-02	1.44e-03	80.4	80.4	80.4	80.4	-39.1	34.9	-28.0	-1.019e+04	-658.1	-5231.9
68	ok	0.07	3.65e-02	1.45e-03	80.4	80.4	80.4	80.4	-39.4	34.0	-27.7	-1.056e+04	-1484.4	-4825.9
90	ok	0.07	3.60e-02	1.44e-03	80.4	80.4	80.4	80.4	-39.1	34.9	28.0	-1.019e+04	-658.1	5231.9
91	ok	0.07	3.65e-02	1.45e-03	80.4	80.4	80.4	80.4	-39.4	34.0	27.7	-1.056e+04	-1484.4	4825.9
113	ok	0.07	3.36e-02	1.33e-03	80.4	80.4	80.4	80.4	-22.4	17.8	-35.8	-5464.0	-4765.8	-6506.3
114	ok	0.07	3.37e-02	1.34e-03	80.4	80.4	80.4	80.4	-22.7	17.3	-35.4	-6079.6	-5119.7	-6057.6
136	ok	0.07	2.93e-02	1.15e-03	80.4	80.4	80.4	80.4	-7.1	2.5	-33.2	-873.7	-7973.0	-4456.3
137	ok	0.07	2.90e-02	1.16e-03	80.4	80.4	80.4	80.4	-7.5	2.2	-33.0	-1623.2	-7894.3	-4232.7
159	ok	0.07	2.37e-02	9.09e-04	80.4	80.4	80.4	80.4	-4.9	5.6	-31.5	2988.2	-5861.6	-2160.5
160	ok	0.07	2.30e-02	9.16e-04	80.4	80.4	80.4	80.4	-5.4	5.2	-31.3	2045.6	-5888.5	-2051.7
182	ok	0.07	1.80e-02	6.50e-04	80.4	80.4	80.4	80.4	2.7	-0.8	-23.5	3827.7	-3664.8	1803.2
183	ok	0.07	1.66e-02	6.57e-04	80.4	80.4	80.4	80.4	2.3	-1.0	-23.4	3089.4	-3597.3	1552.6
205	ok	0.07	1.60e-02	5.40e-04	80.4	80.4	80.4	80.4	2.3	0.6	-17.3	2047.5	1208.3	3886.6
206	ok	0.07	1.42e-02	5.35e-04	80.4	80.4	80.4	80.4	2.2	0.4	-17.3	1778.3	1154.5	3420.0
228	ok	0.07	2.16e-02	7.04e-04	80.4	80.4	80.4	80.4	-2.7	0.8	-23.5	-3370.6	5193.4	1392.1
229	ok	0.07	2.04e-02	6.92e-04	80.4	80.4	80.4	80.4	-2.3	1.0	-23.4	-2555.3	5149.3	1162.0
251	ok	0.07	2.81e-02	9.29e-04	80.4	80.4	80.4	80.4	4.9	-5.6	-31.5	-2253.8	7112.9	-2784.3
252	ok	0.07	2.74e-02	9.11e-04	80.4	80.4	80.4	80.4	5.4	-5.2	-31.3	-1248.1	7177.1	-2644.3
274	ok	0.07	3.41e-02	1.14e-03	80.4	80.4	80.4	80.4	7.1	-2.5	-33.2	1778.4	9053.9	-5125.8
275	ok	0.07	3.39e-02	1.11e-03	80.4	80.4	80.4	80.4	7.5	-2.2	-33.0	2582.5	9021.1	-4868.7
297	ok	0.07	3.88e-02	1.29e-03	80.4	80.4	80.4	80.4	22.4	-17.8	-35.8	6715.2	5500.2	-7130.2
298	ok	0.07	3.90e-02	1.26e-03	80.4	80.4	80.4	80.4	22.7	-17.3	-35.4	7368.1	5917.2	-6650.3
320	ok	0.07	4.14e-02	1.36e-03	80.4	80.4	80.4	80.4	39.1	-34.9	-28.0	1.172e+04	1115.2	-5643.0
321	ok	0.07	4.19e-02	1.33e-03	80.4	80.4	80.4	80.4	39.4	-34.0	-27.7	1.211e+04	2018.5	-5216.4
343	ok	0.07	4.18e-02	1.36e-03	80.4	80.4	80.4	80.4	49.7	-46.1	-10.6	1.419e+04	-1542.2	-1283.9
344	ok	0.07	4.25e-02	1.33e-03	80.4	80.4	80.4	80.4	49.9	-45.1	-10.5	1.443e+04	-339.5	-1157.3
366	ok	0.07	4.14e-02	1.36e-03	80.4	80.4	80.4	80.4	39.1	-34.9	28.0	1.172e+04	1115.2	5643.0
367	ok	0.07	4.19e-02	1.33e-03	80.4	80.4	80.4	80.4	39.4	-34.0	27.7	1.211e+04	2018.5	5216.4
389	ok	0.07	3.88e-02	1.29e-03	80.4	80.4	80.4	80.4	22.4	-17.8	35.8	6715.2	5500.2	7130.2
390	ok	0.07	3.90e-02	1.26e-03	80.4	80.4	80.4	80.4	22.7	-17.3	35.4	7368.1	5917.2	6650.3
412	ok	0.07	3.41e-02	1.14e-03	80.4	80.4	80.4	80.4	7.1	-2.5	33.2	1778.4	9053.9	5125.8
413	ok	0.07	3.39e-02	1.11e-03	80.4	80.4	80.4	80.4	7.5	-2.2	33.0	2582.5	9021.1	4868.7
435	ok	0.07	2.81e-02	9.29e-04	80.4	80.4	80.4	80.4	4.9	-5.6	31.5	-2253.8	7112.9	2784.3
436	ok	0.07	2.74e-02	9.11e-04	80.4	80.4	80.4	80.4	5.4	-5.2	31.3	-1248.1	7177.1	2644.3
458	ok	0.07	2.16e-02	7.04e-04	80.4	80.4	80.4	80.4	-2.7	0.8	23.5	-3370.6	5193.4	-1392.1
459	ok	0.07	2.04e-02	6.92e-04	80.4	80.4	80.4	80.4	-2.3	1.0	23.4	-2555.3	5149.3	-1162.0
481	ok	0.07	1.60e-02	5.40e-04	80.4	80.4	80.4	80.4	2.3	0.6	17.3	2047.5	1208.3	-3886.6
482	ok	0.07	1.42e-02	5.35e-04	80.4	80.4	80.4	80.4	2.2	0.4	17.3	1778.3	1154.5	-3420.0
504	ok	0.07	1.80e-02	6.50e-04	80.4	80.4	80.4	80.4	2.7	-0.8	23.5	3827.7	-3664.8	-1803.2
505	ok	0.07	1.66e-02	6.57e-04	80.4	80.4	80.4	80.4	2.3	-1.0	23.4	3089.4	-3597.3	-1552.6
527	ok	0.07	2.37e-02	9.09e-04	80.4	80.4	80.4	80.4	-4.9	5.6	31.5	2988.2	-5861.6	2160.5
528	ok	0.07	2.30e-02	9.16e-04	80.4	80.4	80.4	80.4	-5.4	5.2	31.3	2045.6	-5888.5	2051.7
550	ok	0.07	2.93e-02	1.15e-03	80.4	80.4	80.4	80.4	-7.1	2.5	33.2	-873.7	-7973.0	4456.3
551	ok	0.07	2.90e-02	1.16e-03	80.4	80.4	80.4	80.4	-7.5	2.2	33.0	-1623.2	-7894.3	4232.7
573	ok	0.07	3.36e-02	1.33e-03	80.4	80.4	80.4	80.4	-22.4	17.8	35.8	-5464.0	-4765.8	6506.3
574	ok	0.07	3.37e-02	1.34e-03	80.4	80.4	80.4	80.4	-22.7	17.3	35.4	-6079.6	-5119.7	6057.6

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
								-49.89	-46.10	-35.80	-1.275e+04	-7972.98	-7130.21
	0.07	0.04	1.47e-03	80.42	80.42	80.42	80.42	49.89	46.10	35.80	1.443e+04	9053.95	7130.21

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
21	ok	0.53						
22	ok	0.53						
67	ok	0.53						
68	ok	0.53						
90	ok	0.53						
91	ok	0.53						
113	ok	0.51						
114	ok	0.51						
136	ok	0.47						
137	ok	0.47						
159	ok	0.42						
160	ok	0.42						
182	ok	0.38						
183	ok	0.38						
205	ok	0.40						
206	ok	0.40						
228	ok	0.46						
229	ok	0.46						
251	ok	0.54						
252	ok	0.54						
274	ok	0.60						
275	ok	0.60						
297	ok	0.65						
298	ok	0.65						
320	ok	0.68						
321	ok	0.68						
343	ok	0.68						
344	ok	0.68						
366	ok	0.68						
367	ok	0.68						
389	ok	0.65						
390	ok	0.65						
412	ok	0.60						
413	ok	0.60						
435	ok	0.54						
436	ok	0.54						
458	ok	0.46						
459	ok	0.46						
481	ok	0.40						
482	ok	0.40						
504	ok	0.38						
505	ok	0.38						
527	ok	0.42						
528	ok	0.42						
550	ok	0.47						
551	ok	0.47						
573	ok	0.51						
574	ok	0.51						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.68						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
16	102.90	10	9	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
22	ok	0.09	2.97e-02	1.23e-03	80.4	80.4	80.4	80.4	-36.7	39.7	-8.6	-8567.9	331.4	-700.7
23	ok	0.09	3.01e-02	1.23e-03	80.4	80.4	80.4	80.4	-36.8	38.9	-8.5	-8692.6	-291.9	-632.8
68	ok	0.09	2.91e-02	1.21e-03	80.4	80.4	80.4	80.4	-28.2	30.3	-22.6	-7173.2	-1035.4	-3087.5
69	ok	0.09	2.94e-02	1.22e-03	80.4	80.4	80.4	80.4	-28.4	29.6	-22.4	-7380.5	-1496.3	-2861.6
91	ok	0.09	2.91e-02	1.21e-03	80.4	80.4	80.4	80.4	-28.2	30.3	22.6	-7173.2	-1035.4	3087.5
92	ok	0.09	2.94e-02	1.22e-03	80.4	80.4	80.4	80.4	-28.4	29.6	22.4	-7380.5	-1496.3	2861.6

114	ok	0.09	2.67e-02	1.12e-03	80.4	80.4	80.4	80.4	-14.9	15.9	-28.7	-4321.0	-3261.8	-3915.1
115	ok	0.09	2.68e-02	1.12e-03	80.4	80.4	80.4	80.4	-15.1	15.5	-28.4	-4663.6	-3460.2	-3665.2
137	ok	0.09	2.26e-02	9.59e-04	80.4	80.4	80.4	80.4	-3.0	3.0	-26.3	-1446.0	-4955.5	-2848.5
138	ok	0.09	2.25e-02	9.66e-04	80.4	80.4	80.4	80.4	-3.3	2.8	-26.1	-1863.5	-4913.4	-2723.3
160	ok	0.09	1.73e-02	7.53e-04	80.4	80.4	80.4	80.4	-1.3	5.5	-24.9	808.6	-3732.3	-1510.1
161	ok	0.09	1.69e-02	7.60e-04	80.4	80.4	80.4	80.4	2.4	-3.8	-19.1	-162.2	-4765.7	-720.6
183	ok	0.09	1.17e-02	5.31e-04	80.4	80.4	80.4	80.4	4.0	-0.2	-18.0	1615.6	-2310.9	673.0
184	ok	0.09	1.08e-02	5.37e-04	80.4	80.4	80.4	80.4	3.7	-0.4	-18.0	1203.6	-2274.3	534.8
206	ok	0.09	9.10e-03	4.70e-04	80.4	80.4	80.4	80.4	2.5	0.6	-12.8	989.4	629.8	1812.7
207	ok	0.09	7.87e-03	4.66e-04	80.4	80.4	80.4	80.4	2.4	0.5	-12.8	837.2	599.4	1554.1
229	ok	0.09	1.43e-02	6.55e-04	80.4	80.4	80.4	80.4	-1.6	3.8	-13.3	71.3	3790.7	1165.1
230	ok	0.09	1.35e-02	6.44e-04	80.4	80.4	80.4	80.4	-1.5	3.7	-13.2	224.3	3662.0	937.4
252	ok	0.09	2.03e-02	8.90e-04	80.4	80.4	80.4	80.4	-2.6	3.8	-19.2	176.2	5704.1	-918.5
253	ok	0.09	1.99e-02	8.74e-04	80.4	80.4	80.4	80.4	-2.4	3.8	-19.1	554.3	5557.3	-981.0
275	ok	0.09	2.58e-02	1.10e-03	80.4	80.4	80.4	80.4	3.0	-3.0	-26.3	1968.5	5567.9	-3190.1
276	ok	0.09	2.57e-02	1.08e-03	80.4	80.4	80.4	80.4	3.3	-2.8	-26.1	2412.5	5548.1	-3048.6
298	ok	0.09	3.01e-02	1.25e-03	80.4	80.4	80.4	80.4	14.9	-15.9	-28.7	5020.3	3697.4	-4233.4
299	ok	0.09	3.02e-02	1.23e-03	80.4	80.4	80.4	80.4	15.1	-15.5	-28.4	5381.1	3926.5	-3968.3
321	ok	0.09	3.26e-02	1.33e-03	80.4	80.4	80.4	80.4	28.2	-30.3	-22.6	8014.0	1329.6	-3297.2
322	ok	0.09	3.29e-02	1.30e-03	80.4	80.4	80.4	80.4	28.4	-29.6	-22.4	8232.7	1827.8	-3061.4
344	ok	0.09	3.32e-02	1.33e-03	80.4	80.4	80.4	80.4	36.7	-39.7	8.6	9476.9	-105.5	745.7
345	ok	0.09	3.36e-02	1.30e-03	80.4	80.4	80.4	80.4	36.8	-38.9	8.5	9609.7	558.4	675.6
367	ok	0.09	3.26e-02	1.33e-03	80.4	80.4	80.4	80.4	28.2	-30.3	22.6	8014.0	1329.6	3297.2
368	ok	0.09	3.29e-02	1.30e-03	80.4	80.4	80.4	80.4	28.4	-29.6	22.4	8232.7	1827.8	3061.4
390	ok	0.09	3.01e-02	1.25e-03	80.4	80.4	80.4	80.4	14.9	-15.9	28.7	5020.3	3697.4	4233.4
391	ok	0.09	3.02e-02	1.23e-03	80.4	80.4	80.4	80.4	15.1	-15.5	28.4	5381.1	3926.5	3968.3
413	ok	0.09	2.58e-02	1.10e-03	80.4	80.4	80.4	80.4	3.0	-3.0	26.3	1968.5	5567.9	3190.1
414	ok	0.09	2.57e-02	1.08e-03	80.4	80.4	80.4	80.4	3.3	-2.8	26.1	2412.5	5548.1	3048.6
436	ok	0.09	2.03e-02	8.90e-04	80.4	80.4	80.4	80.4	-2.6	3.8	19.2	176.2	5704.1	918.5
437	ok	0.09	1.99e-02	8.74e-04	80.4	80.4	80.4	80.4	-2.4	3.8	19.1	554.3	5557.3	981.0
459	ok	0.09	1.43e-02	6.55e-04	80.4	80.4	80.4	80.4	-1.6	3.8	13.3	71.3	3790.7	-1165.1
460	ok	0.09	1.35e-02	6.44e-04	80.4	80.4	80.4	80.4	-1.5	3.7	13.2	224.3	3662.0	-937.4
482	ok	0.09	9.10e-03	4.70e-04	80.4	80.4	80.4	80.4	2.5	0.6	12.8	989.4	629.8	-1812.7
483	ok	0.09	7.87e-03	4.66e-04	80.4	80.4	80.4	80.4	2.4	0.5	12.8	837.2	599.4	-1554.1
505	ok	0.09	1.17e-02	5.31e-04	80.4	80.4	80.4	80.4	4.0	-0.2	18.0	1615.6	-2310.9	-673.0
506	ok	0.09	1.08e-02	5.37e-04	80.4	80.4	80.4	80.4	3.7	-0.4	18.0	1203.6	-2274.3	-534.8
528	ok	0.09	1.73e-02	7.53e-04	80.4	80.4	80.4	80.4	-1.3	5.5	24.9	808.6	-3732.3	1510.1
529	ok	0.09	1.69e-02	7.60e-04	80.4	80.4	80.4	80.4	2.4	-3.8	19.1	-162.2	-4765.7	720.6
551	ok	0.09	2.26e-02	9.59e-04	80.4	80.4	80.4	80.4	-3.0	3.0	26.3	-1446.0	-4955.5	2848.5
552	ok	0.09	2.25e-02	9.66e-04	80.4	80.4	80.4	80.4	-3.3	2.8	26.1	-1863.5	-4913.4	2723.3
574	ok	0.09	2.67e-02	1.12e-03	80.4	80.4	80.4	80.4	-14.9	15.9	28.7	-4321.0	-3261.8	3915.1
575	ok	0.09	2.68e-02	1.12e-03	80.4	80.4	80.4	80.4	-15.1	15.5	28.4	-4663.6	-3460.2	3665.2

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**
								-36.82	-39.68	-28.72	-8692.55	-4955.48	-4233.38
	0.09	0.03	1.33e-03	80.42	80.42	80.42	80.42	36.82	39.68	28.72	9609.74	5704.07	4233.38

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
22	ok	0.75						
23	ok	0.75						
68	ok	0.75						
69	ok	0.75						
91	ok	0.75						
92	ok	0.75						
114	ok	0.70						
115	ok	0.70						
137	ok	0.60						
138	ok	0.60						
160	ok	0.48						
161	ok	0.48						
183	ok	0.34						
184	ok	0.34						
206	ok	0.30						
207	ok	0.30						
229	ok	0.44						
230	ok	0.44						
252	ok	0.59						
253	ok	0.59						
275	ok	0.73						
276	ok	0.73						
298	ok	0.82						
299	ok	0.82						
321	ok	0.87						
322	ok	0.87						
344	ok	0.87						

345	ok	0.87
367	ok	0.87
368	ok	0.87
390	ok	0.82
391	ok	0.82
413	ok	0.73
414	ok	0.73
436	ok	0.59
437	ok	0.59
459	ok	0.44
460	ok	0.44
482	ok	0.30
483	ok	0.30
505	ok	0.34
506	ok	0.34
528	ok	0.48
529	ok	0.48
551	ok	0.60
552	ok	0.60
574	ok	0.70
575	ok	0.70

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.87						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
17	85.25	10	9	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
23	ok	0.11	2.07e-02	9.67e-04	80.4	80.4	80.4	80.4	-24.8	33.4	6.7	-4810.6	-139.4	352.9
24	ok	0.11	2.09e-02	9.71e-04	80.4	80.4	80.4	80.4	-24.9	32.8	6.6	-4870.3	-437.8	320.5
69	ok	0.11	2.02e-02	9.50e-04	80.4	80.4	80.4	80.4	-18.3	25.7	-17.5	-4099.0	-780.8	-1562.1
70	ok	0.11	2.03e-02	9.55e-04	80.4	80.4	80.4	80.4	-18.4	25.3	-17.4	-4198.1	-1001.7	-1454.2
92	ok	0.11	2.02e-02	9.50e-04	80.4	80.4	80.4	80.4	-18.3	25.7	17.5	-4099.0	-780.8	1562.1
93	ok	0.11	2.03e-02	9.55e-04	80.4	80.4	80.4	80.4	-18.4	25.3	17.4	-4198.1	-1001.7	1454.2
115	ok	0.11	1.83e-02	8.75e-04	80.4	80.4	80.4	80.4	-8.2	14.0	-22.1	-2632.1	-1826.5	-2012.5
116	ok	0.11	1.84e-02	8.80e-04	80.4	80.4	80.4	80.4	-8.4	13.7	-21.9	-2795.9	-1922.3	-1892.9
138	ok	0.11	1.52e-02	7.47e-04	80.4	80.4	80.4	80.4	0.4	3.4	-19.9	-1111.7	-2603.9	-1533.4
139	ok	0.11	1.52e-02	7.53e-04	80.4	80.4	80.4	80.4	0.2	3.2	-19.7	-1311.4	-2584.9	-1473.2
161	ok	0.11	1.13e-02	5.81e-04	80.4	80.4	80.4	80.4	3.9	-2.4	-14.0	-165.4	-2535.6	-485.9
162	ok	0.11	1.10e-02	5.86e-04	80.4	80.4	80.4	80.4	3.8	-2.4	-13.9	-330.5	-2459.5	-521.3
184	ok	0.11	6.93e-03	4.01e-04	80.4	80.4	80.4	80.4	4.9	0.4	-13.1	552.2	-1234.8	174.0
185	ok	0.11	6.45e-03	4.06e-04	80.4	80.4	80.4	80.4	1.8	-2.7	-9.1	-51.3	-1423.6	343.1
207	ok	0.11	4.54e-03	3.93e-04	80.4	80.4	80.4	80.4	2.6	0.6	-8.7	410.0	271.9	715.2
208	ok	0.11	3.81e-03	3.90e-04	80.4	80.4	80.4	80.4	2.5	0.5	-8.7	335.8	257.0	592.3
230	ok	0.11	8.46e-03	6.02e-04	80.4	80.4	80.4	80.4	-1.9	2.7	-9.1	133.2	1884.7	400.6
231	ok	0.11	8.04e-03	5.93e-04	80.4	80.4	80.4	80.4	-1.8	2.7	-9.1	204.3	1823.1	292.0
253	ok	0.11	1.30e-02	8.48e-04	80.4	80.4	80.4	80.4	-3.9	2.4	-14.0	347.2	2887.5	-596.8
254	ok	0.11	1.28e-02	8.34e-04	80.4	80.4	80.4	80.4	-3.8	2.4	-13.9	525.6	2817.0	-627.1
276	ok	0.11	1.70e-02	1.06e-03	80.4	80.4	80.4	80.4	-0.4	-3.4	-19.9	1360.2	2888.9	-1672.0
277	ok	0.11	1.70e-02	1.04e-03	80.4	80.4	80.4	80.4	-0.2	-3.2	-19.7	1570.3	2878.5	-1605.4
299	ok	0.11	2.02e-02	1.22e-03	80.4	80.4	80.4	80.4	8.2	-14.0	-22.1	2952.4	2039.9	-2141.6
300	ok	0.11	2.03e-02	1.19e-03	80.4	80.4	80.4	80.4	8.4	-13.7	-21.9	3123.2	2147.5	-2016.2
322	ok	0.11	2.21e-02	1.29e-03	80.4	80.4	80.4	80.4	18.3	-25.7	-17.5	4476.7	936.7	-1647.2
323	ok	0.11	2.23e-02	1.27e-03	80.4	80.4	80.4	80.4	18.4	-25.3	-17.4	4580.2	1172.1	-1535.4
345	ok	0.11	2.26e-02	1.29e-03	80.4	80.4	80.4	80.4	24.8	-33.4	-6.7	5216.0	267.7	-371.1
346	ok	0.11	2.28e-02	1.27e-03	80.4	80.4	80.4	80.4	24.9	-32.8	-6.6	5278.8	581.8	-337.9
368	ok	0.11	2.21e-02	1.29e-03	80.4	80.4	80.4	80.4	18.3	-25.7	17.5	4476.7	936.7	1647.2
369	ok	0.11	2.23e-02	1.27e-03	80.4	80.4	80.4	80.4	18.4	-25.3	17.4	4580.2	1172.1	1535.4
391	ok	0.11	2.02e-02	1.22e-03	80.4	80.4	80.4	80.4	8.2	-14.0	22.1	2952.4	2039.9	2141.6
392	ok	0.11	2.03e-02	1.19e-03	80.4	80.4	80.4	80.4	8.4	-13.7	21.9	3123.2	2147.5	2016.2
414	ok	0.11	1.70e-02	1.06e-03	80.4	80.4	80.4	80.4	-0.4	-3.4	19.9	1360.2	2888.9	1672.0
415	ok	0.11	1.70e-02	1.04e-03	80.4	80.4	80.4	80.4	-0.2	-3.2	19.7	1570.3	2878.5	1605.4
437	ok	0.11	1.30e-02	8.48e-04	80.4	80.4	80.4	80.4	-3.9	2.4	14.0	347.2	2887.5	596.8
438	ok	0.11	1.28e-02	8.34e-04	80.4	80.4	80.4	80.4	-3.8	2.4	13.9	525.6	2817.0	627.1
460	ok	0.11	8.46e-03	6.02e-04	80.4	80.4	80.4	80.4	-1.9	2.7	9.1	133.2	1884.7	-400.6
461	ok	0.11	8.04e-03	5.93e-04	80.4	80.4	80.4	80.4	-1.8	2.7	9.1	204.3	1823.1	-292.0
483	ok	0.11	4.54e-03	3.93e-04	80.4	80.4	80.4	80.4	2.6	0.6	8.7	410.0	271.9	-715.2
484	ok	0.11	3.81e-03	3.90e-04	80.4	80.4	80.4	80.4	2.5	0.5	8.7	335.8	257.0	-592.3
506	ok	0.11	6.93e-03	4.01e-04	80.4	80.4	80.4	80.4	4.9	0.4	13.1	552.2	-1234.8	-174.0

507	ok	0.11	6.45e-03	4.06e-04	80.4	80.4	80.4	80.4	1.8	-2.7	9.1	-51.3	-1423.6	-343.1
529	ok	0.11	1.13e-02	5.81e-04	80.4	80.4	80.4	80.4	3.9	-2.4	14.0	-165.4	-2535.6	485.9
530	ok	0.11	1.10e-02	5.86e-04	80.4	80.4	80.4	80.4	3.8	-2.4	13.9	-330.5	-2459.5	521.3
552	ok	0.11	1.52e-02	7.47e-04	80.4	80.4	80.4	80.4	0.4	3.4	19.9	-1111.7	-2603.9	1533.4
553	ok	0.11	1.52e-02	7.53e-04	80.4	80.4	80.4	80.4	0.2	3.2	19.7	-1311.4	-2584.9	1473.2
575	ok	0.11	1.83e-02	8.75e-04	80.4	80.4	80.4	80.4	-8.2	14.0	22.1	-2632.1	-1826.5	2012.5
576	ok	0.11	1.84e-02	8.80e-04	80.4	80.4	80.4	80.4	-8.4	13.7	21.9	-2795.9	-1922.3	1892.9

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**
								-24.92	-33.37	-22.09	-4870.30	-2603.88	-2141.59
	0.11	0.02	1.29e-03	80.42	80.42	80.42	80.42	24.92	33.37	22.09	5278.84	2888.95	2141.59

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
23	ok	0.81						
24	ok	0.81						
69	ok	0.81						
70	ok	0.81						
92	ok	0.81						
93	ok	0.81						
115	ok	0.76						
116	ok	0.76						
138	ok	0.65						
139	ok	0.65						
161	ok	0.50						
162	ok	0.50						
184	ok	0.32						
185	ok	0.32						
207	ok	0.22						
208	ok	0.22						
230	ok	0.40						
231	ok	0.40						
253	ok	0.59						
254	ok	0.59						
276	ok	0.74						
277	ok	0.74						
299	ok	0.85						
300	ok	0.85						
322	ok	0.91						
323	ok	0.91						
345	ok	0.91						
346	ok	0.91						
368	ok	0.91						
369	ok	0.91						
391	ok	0.85						
392	ok	0.85						
414	ok	0.74						
415	ok	0.74						
437	ok	0.59						
438	ok	0.59						
460	ok	0.40						
461	ok	0.40						
483	ok	0.22						
484	ok	0.22						
506	ok	0.32						
507	ok	0.32						
529	ok	0.50						
530	ok	0.50						
552	ok	0.65						
553	ok	0.65						
575	ok	0.76						
576	ok	0.76						

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	0.91						

Macro Guscio	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
18	67.60	10	9	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
24	ok	0.14	1.11e-02	6.58e-04	80.4	80.4	80.4	80.4	-14.1	27.2	-4.9	-1963.6	-125.2	-135.3
25	ok	0.14	1.12e-02	6.61e-04	80.4	80.4	80.4	80.4	-14.2	26.8	-4.8	-1985.4	-234.2	-123.5
70	ok	0.14	1.08e-02	6.44e-04	80.4	80.4	80.4	80.4	-9.4	21.2	-12.8	-1688.9	-359.4	-600.7
71	ok	0.14	1.09e-02	6.48e-04	80.4	80.4	80.4	80.4	-9.5	20.9	-12.7	-1725.0	-440.3	-561.4
93	ok	0.14	1.08e-02	6.44e-04	80.4	80.4	80.4	80.4	-9.4	21.2	12.8	-1688.9	-359.4	600.7
94	ok	0.14	1.09e-02	6.48e-04	80.4	80.4	80.4	80.4	-9.5	20.9	12.7	-1725.0	-440.3	561.4
116	ok	0.14	9.75e-03	5.89e-04	80.4	80.4	80.4	80.4	-2.3	12.1	-15.9	-1120.0	-742.0	-782.3
117	ok	0.14	9.80e-03	5.94e-04	80.4	80.4	80.4	80.4	-2.5	11.9	-15.7	-1179.7	-777.4	-738.7
139	ok	0.14	8.06e-03	4.99e-04	80.4	80.4	80.4	80.4	3.4	3.7	-13.9	-519.9	-1022.7	-614.2
140	ok	0.14	8.06e-03	5.03e-04	80.4	80.4	80.4	80.4	3.2	3.6	-13.8	-592.9	-1016.4	-592.0
162	ok	0.14	5.87e-03	3.81e-04	80.4	80.4	80.4	80.4	4.9	-1.1	-9.2	-125.8	-986.2	-228.9
163	ok	0.14	5.78e-03	3.85e-04	80.4	80.4	80.4	80.4	4.8	-1.1	-9.1	-186.4	-959.0	-241.4
185	ok	0.14	3.42e-03	2.53e-04	80.4	80.4	80.4	80.4	2.1	-1.8	-5.4	-17.6	-581.8	122.3
186	ok	0.14	3.21e-03	2.57e-04	80.4	80.4	80.4	80.4	2.1	-1.7	-5.3	-38.7	-558.4	82.3
208	ok	0.14	1.89e-03	3.05e-04	80.4	80.4	80.4	80.4	2.6	0.6	-5.1	136.6	84.2	223.5
209	ok	0.14	1.54e-03	3.02e-04	80.4	80.4	80.4	80.4	2.5	0.5	-5.1	108.7	78.6	179.0
231	ok	0.14	4.07e-03	5.42e-04	80.4	80.4	80.4	80.4	-2.1	1.8	-5.4	75.9	704.5	109.0
232	ok	0.14	3.88e-03	5.35e-04	80.4	80.4	80.4	80.4	-2.1	1.7	-5.3	100.7	681.9	69.5
254	ok	0.14	6.57e-03	7.98e-04	80.4	80.4	80.4	80.4	-4.9	1.1	-9.2	195.1	1097.8	-256.5
255	ok	0.14	6.49e-03	7.87e-04	80.4	80.4	80.4	80.4	-4.8	1.1	-9.1	258.9	1072.0	-267.8
277	ok	0.14	8.79e-03	1.01e-03	80.4	80.4	80.4	80.4	-3.4	-3.7	-13.9	605.8	1117.8	-648.7
278	ok	0.14	8.78e-03	1.00e-03	80.4	80.4	80.4	80.4	-3.2	-3.6	-13.8	681.3	1113.5	-625.0
300	ok	0.14	1.05e-02	1.17e-03	80.4	80.4	80.4	80.4	2.3	-12.1	-15.9	1223.8	819.1	-814.5
301	ok	0.14	1.05e-02	1.15e-03	80.4	80.4	80.4	80.4	2.5	-11.9	-15.7	1285.2	857.4	-769.4
323	ok	0.14	1.15e-02	1.25e-03	80.4	80.4	80.4	80.4	9.4	-21.2	-12.8	1806.9	422.3	-621.9
324	ok	0.14	1.16e-02	1.23e-03	80.4	80.4	80.4	80.4	9.5	-20.9	-12.7	1844.2	506.6	-581.7
346	ok	0.14	1.18e-02	1.25e-03	80.4	80.4	80.4	80.4	14.1	-27.2	4.9	2088.5	181.2	139.9
347	ok	0.14	1.20e-02	1.23e-03	80.4	80.4	80.4	80.4	14.2	-26.8	4.8	2111.1	294.0	127.9
369	ok	0.14	1.15e-02	1.25e-03	80.4	80.4	80.4	80.4	9.4	-21.2	12.8	1806.9	422.3	621.9
370	ok	0.14	1.16e-02	1.23e-03	80.4	80.4	80.4	80.4	9.5	-20.9	12.7	1844.2	506.6	581.7
392	ok	0.14	1.05e-02	1.17e-03	80.4	80.4	80.4	80.4	2.3	-12.1	15.9	1223.8	819.1	814.5
393	ok	0.14	1.05e-02	1.15e-03	80.4	80.4	80.4	80.4	2.5	-11.9	15.7	1285.2	857.4	769.4
415	ok	0.14	8.79e-03	1.01e-03	80.4	80.4	80.4	80.4	-3.4	-3.7	13.9	605.8	1117.8	648.7
416	ok	0.14	8.78e-03	1.00e-03	80.4	80.4	80.4	80.4	-3.2	-3.6	13.8	681.3	1113.5	625.0
438	ok	0.14	6.57e-03	7.98e-04	80.4	80.4	80.4	80.4	-4.9	1.1	9.2	195.1	1097.8	256.5
439	ok	0.14	6.49e-03	7.87e-04	80.4	80.4	80.4	80.4	-4.8	1.1	9.1	258.9	1072.0	267.8
461	ok	0.14	4.07e-03	5.42e-04	80.4	80.4	80.4	80.4	-2.1	1.8	5.4	75.9	704.5	-109.0
462	ok	0.14	3.88e-03	5.35e-04	80.4	80.4	80.4	80.4	-2.1	1.7	5.3	100.7	681.9	-69.5
484	ok	0.14	1.89e-03	3.05e-04	80.4	80.4	80.4	80.4	2.6	0.6	5.1	136.6	84.2	-223.5
485	ok	0.14	1.54e-03	3.02e-04	80.4	80.4	80.4	80.4	2.5	0.5	5.1	108.7	78.6	-179.0
507	ok	0.14	3.42e-03	2.53e-04	80.4	80.4	80.4	80.4	2.1	-1.8	5.4	-17.6	-581.8	-122.3
508	ok	0.14	3.21e-03	2.57e-04	80.4	80.4	80.4	80.4	2.1	-1.7	5.3	-38.7	-558.4	-82.3
530	ok	0.14	5.87e-03	3.81e-04	80.4	80.4	80.4	80.4	4.9	-1.1	9.2	-125.8	-986.2	228.9
531	ok	0.14	5.78e-03	3.85e-04	80.4	80.4	80.4	80.4	4.8	-1.1	9.1	-186.4	-959.0	241.4
553	ok	0.14	8.06e-03	4.99e-04	80.4	80.4	80.4	80.4	3.4	3.7	13.9	-519.9	-1022.7	614.2
554	ok	0.14	8.06e-03	5.03e-04	80.4	80.4	80.4	80.4	3.2	3.6	13.8	-592.9	-1016.4	592.0
576	ok	0.14	9.75e-03	5.89e-04	80.4	80.4	80.4	80.4	-2.3	12.1	15.9	-1120.0	-742.0	782.3
577	ok	0.14	9.80e-03	5.94e-04	80.4	80.4	80.4	80.4	-2.5	11.9	15.7	-1179.7	-777.4	738.7

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
								-14.16	-27.17	-15.87	-1985.37	-1022.73	-814.46
	0.14	0.01	1.25e-03	80.42	80.42	80.42	80.42	14.16	27.17	15.87	2111.09	1117.76	814.46

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
24	ok	0.73						
25	ok	0.73						
70	ok	0.73						
71	ok	0.73						
93	ok	0.73						
94	ok	0.73						
116	ok	0.67						
117	ok	0.67						
139	ok	0.58						
140	ok	0.58						
162	ok	0.44						
163	ok	0.44						
185	ok	0.27						
186	ok	0.27						
208	ok	0.15						
209	ok	0.15						
231	ok	0.33						
232	ok	0.33						
254	ok	0.50						

255	ok	0.50
277	ok	0.64
278	ok	0.64
300	ok	0.73
301	ok	0.73
323	ok	0.79
324	ok	0.79
346	ok	0.79
347	ok	0.79
369	ok	0.79
370	ok	0.79
392	ok	0.73
393	ok	0.73
415	ok	0.64
416	ok	0.64
438	ok	0.50
439	ok	0.50
461	ok	0.33
462	ok	0.33
484	ok	0.15
485	ok	0.15
507	ok	0.27
508	ok	0.27
530	ok	0.44
531	ok	0.44
553	ok	0.58
554	ok	0.58
576	ok	0.67
577	ok	0.67

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.79						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
19	50.00	10	9	Singolo elemento

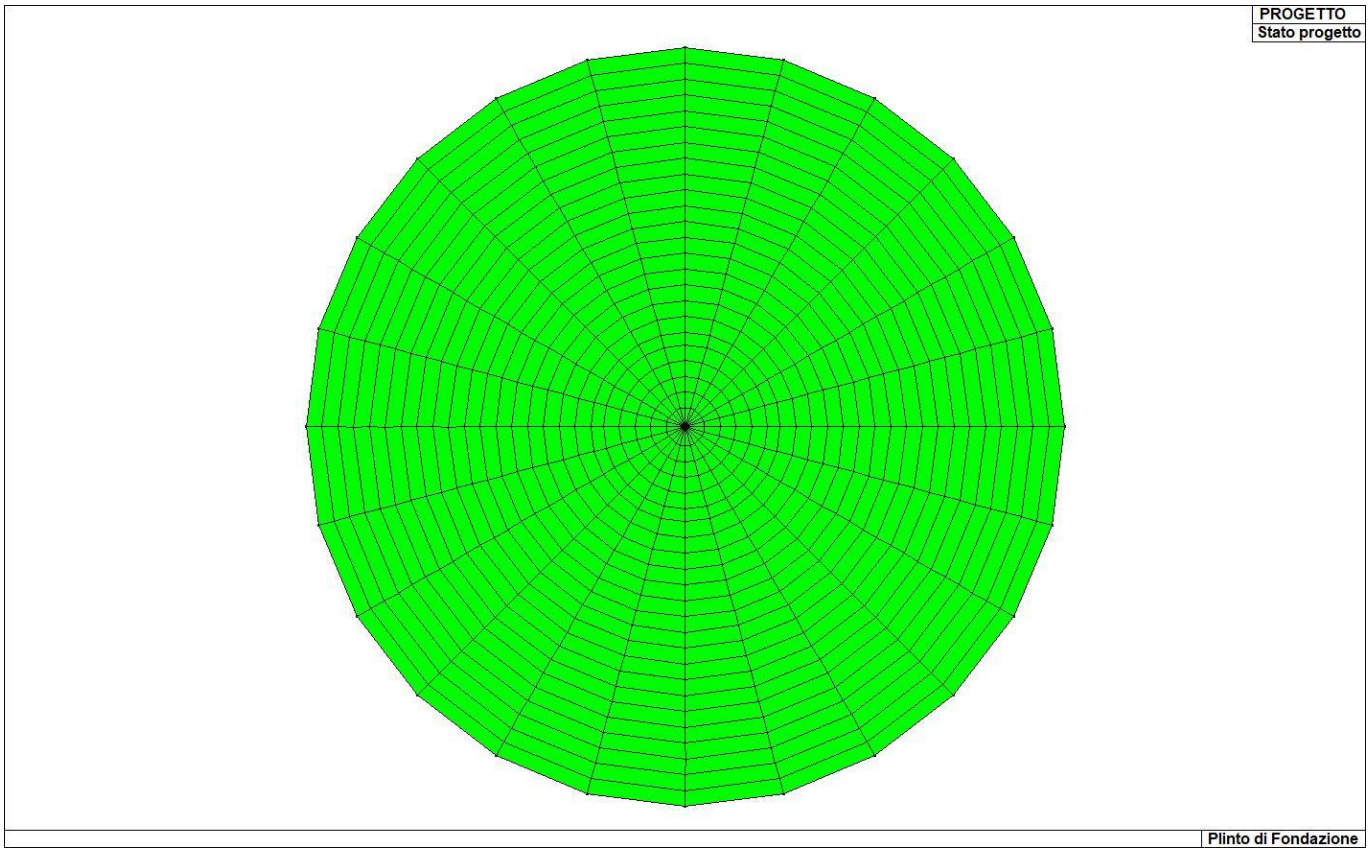
Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
4	ok	0.20	3.43e-03	2.62e-04	80.4	80.4	80.4	80.4	-4.4	20.8	3.2	-418.2	-39.0	27.1
25	ok	0.20	3.40e-03	2.60e-04	80.4	80.4	80.4	80.4	-4.3	21.1	3.2	-413.7	-16.7	29.5
26	ok	0.20	3.33e-03	2.55e-04	80.4	80.4	80.4	80.4	-1.4	16.6	-8.2	-362.3	-84.2	-121.7
27	ok	0.20	3.01e-03	2.31e-04	80.4	80.4	80.4	80.4	2.8	10.0	-9.9	-245.8	-158.3	-160.3
28	ok	0.20	2.48e-03	1.92e-04	80.4	80.4	80.4	80.4	5.7	3.8	-8.2	-120.8	-212.3	-129.1
29	ok	0.20	1.79e-03	1.44e-04	80.4	80.4	80.4	80.4	5.6	9.15e-02	-4.7	-34.8	-203.3	-53.7
30	ok	0.20	1.01e-03	9.86e-05	80.4	80.4	80.4	80.4	2.2	-0.8	-1.9	-4.7	-121.1	16.4
31	ok	0.20	4.71e-04	1.97e-04	80.4	80.4	80.4	80.4	2.5	0.5	-1.8	26.5	12.4	37.6
32	ok	0.20	1.15e-03	4.71e-04	80.4	80.4	80.4	80.4	-2.2	0.8	-1.9	22.2	138.8	16.4
33	ok	0.20	1.94e-03	7.32e-04	80.4	80.4	80.4	80.4	-5.6	-9.15e-02	-4.7	52.4	221.0	-53.8
34	ok	0.20	2.63e-03	9.46e-04	80.4	80.4	80.4	80.4	-5.7	-3.8	-8.2	138.4	229.9	-129.1
35	ok	0.20	3.16e-03	1.10e-03	80.4	80.4	80.4	80.4	-2.8	-10.0	-9.9	263.4	175.9	-160.3
36	ok	0.20	3.48e-03	1.17e-03	80.4	80.4	80.4	80.4	1.4	-16.6	-8.2	380.0	101.7	-121.8
37	ok	0.20	3.58e-03	1.17e-03	80.4	80.4	80.4	80.4	4.4	-20.8	-3.2	435.8	56.5	-27.1
38	ok	0.20	3.48e-03	1.17e-03	80.4	80.4	80.4	80.4	1.4	-16.6	8.2	380.0	101.7	121.8
39	ok	0.20	3.16e-03	1.10e-03	80.4	80.4	80.4	80.4	-2.8	-10.0	9.9	263.4	175.9	160.3
40	ok	0.20	2.63e-03	9.46e-04	80.4	80.4	80.4	80.4	-5.7	-3.8	8.2	138.4	229.9	129.1
41	ok	0.20	1.94e-03	7.32e-04	80.4	80.4	80.4	80.4	-5.6	-9.15e-02	4.7	52.4	221.0	53.8
42	ok	0.20	1.15e-03	4.71e-04	80.4	80.4	80.4	80.4	-2.2	0.8	1.9	22.2	138.8	-16.4
43	ok	0.20	4.71e-04	1.97e-04	80.4	80.4	80.4	80.4	2.5	0.5	1.8	26.5	12.4	-37.6
44	ok	0.20	1.01e-03	9.86e-05	80.4	80.4	80.4	80.4	2.2	-0.8	1.9	-4.7	-121.1	-16.4
45	ok	0.20	1.79e-03	1.44e-04	80.4	80.4	80.4	80.4	5.6	9.15e-02	4.7	-34.8	-203.3	53.7
46	ok	0.20	2.48e-03	1.92e-04	80.4	80.4	80.4	80.4	5.7	3.8	8.2	-120.8	-212.3	129.1
47	ok	0.20	3.01e-03	2.31e-04	80.4	80.4	80.4	80.4	2.8	10.0	9.9	-245.8	-158.3	160.3
48	ok	0.20	3.33e-03	2.55e-04	80.4	80.4	80.4	80.4	-1.4	16.6	8.2	-362.3	-84.2	121.7
71	ok	0.20	3.31e-03	2.53e-04	80.4	80.4	80.4	80.4	-1.4	16.8	-8.3	-354.9	-67.6	-129.7
94	ok	0.20	3.31e-03	2.53e-04	80.4	80.4	80.4	80.4	-1.4	16.8	8.3	-354.9	-67.6	129.7
117	ok	0.20	2.99e-03	2.30e-04	80.4	80.4	80.4	80.4	2.9	10.1	-10.0	-233.6	-150.9	-169.2
140	ok	0.20	2.48e-03	1.92e-04	80.4	80.4	80.4	80.4	5.8	3.9	-8.3	-105.9	-213.4	-133.7
163	ok	0.20	1.81e-03	1.44e-04	80.4	80.4	80.4	80.4	5.6	9.46e-02	-4.7	-22.4	-208.6	-51.3
186	ok	0.20	1.07e-03	9.96e-05	80.4	80.4	80.4	80.4	2.2	-0.9	-2.0	-9.13e-02	-125.7	24.4
209	ok	0.20	5.76e-04	1.99e-04	80.4	80.4	80.4	80.4	2.5	0.5	-1.8	32.4	13.6	46.5
232	ok	0.20	1.21e-03	4.76e-04	80.4	80.4	80.4	80.4	-2.2	0.9	-2.0	17.6	143.4	24.4

255	ok	0.20	1.96e-03	7.39e-04	80.4	80.4	80.4	80.4	-5.6	-9.46e-02	-4.7	39.9	226.3	-51.4
278	ok	0.20	2.63e-03	9.56e-04	80.4	80.4	80.4	80.4	-5.8	-3.9	-8.3	123.5	231.0	-133.7
301	ok	0.20	3.14e-03	1.11e-03	80.4	80.4	80.4	80.4	-2.9	-10.1	-10.0	251.3	168.5	-169.2
324	ok	0.20	3.46e-03	1.19e-03	80.4	80.4	80.4	80.4	1.4	-16.8	-8.3	372.6	85.1	-129.8
347	ok	0.20	3.55e-03	1.18e-03	80.4	80.4	80.4	80.4	4.3	-21.1	-3.2	431.4	34.2	-29.5
370	ok	0.20	3.46e-03	1.19e-03	80.4	80.4	80.4	80.4	1.4	-16.8	8.3	372.6	85.1	129.8
393	ok	0.20	3.14e-03	1.11e-03	80.4	80.4	80.4	80.4	-2.9	-10.1	10.0	251.3	168.5	169.2
416	ok	0.20	2.63e-03	9.56e-04	80.4	80.4	80.4	80.4	-5.8	-3.9	8.3	123.5	231.0	133.7
439	ok	0.20	1.96e-03	7.39e-04	80.4	80.4	80.4	80.4	-5.6	-9.46e-02	4.7	39.9	226.3	51.4
462	ok	0.20	1.21e-03	4.76e-04	80.4	80.4	80.4	80.4	-2.2	0.9	2.0	17.6	143.4	-24.4
485	ok	0.20	5.76e-04	1.99e-04	80.4	80.4	80.4	80.4	2.5	0.5	1.8	32.4	13.6	-46.5
508	ok	0.20	1.07e-03	9.96e-05	80.4	80.4	80.4	80.4	2.2	-0.9	2.0	-9.13e-02	-125.7	-24.4
531	ok	0.20	1.81e-03	1.44e-04	80.4	80.4	80.4	80.4	5.6	9.46e-02	4.7	-22.4	-208.6	51.3
554	ok	0.20	2.48e-03	1.92e-04	80.4	80.4	80.4	80.4	5.8	3.9	8.3	-105.9	-213.4	133.7
577	ok	0.20	2.99e-03	2.30e-04	80.4	80.4	80.4	80.4	2.9	10.1	10.0	-233.6	-150.9	169.2

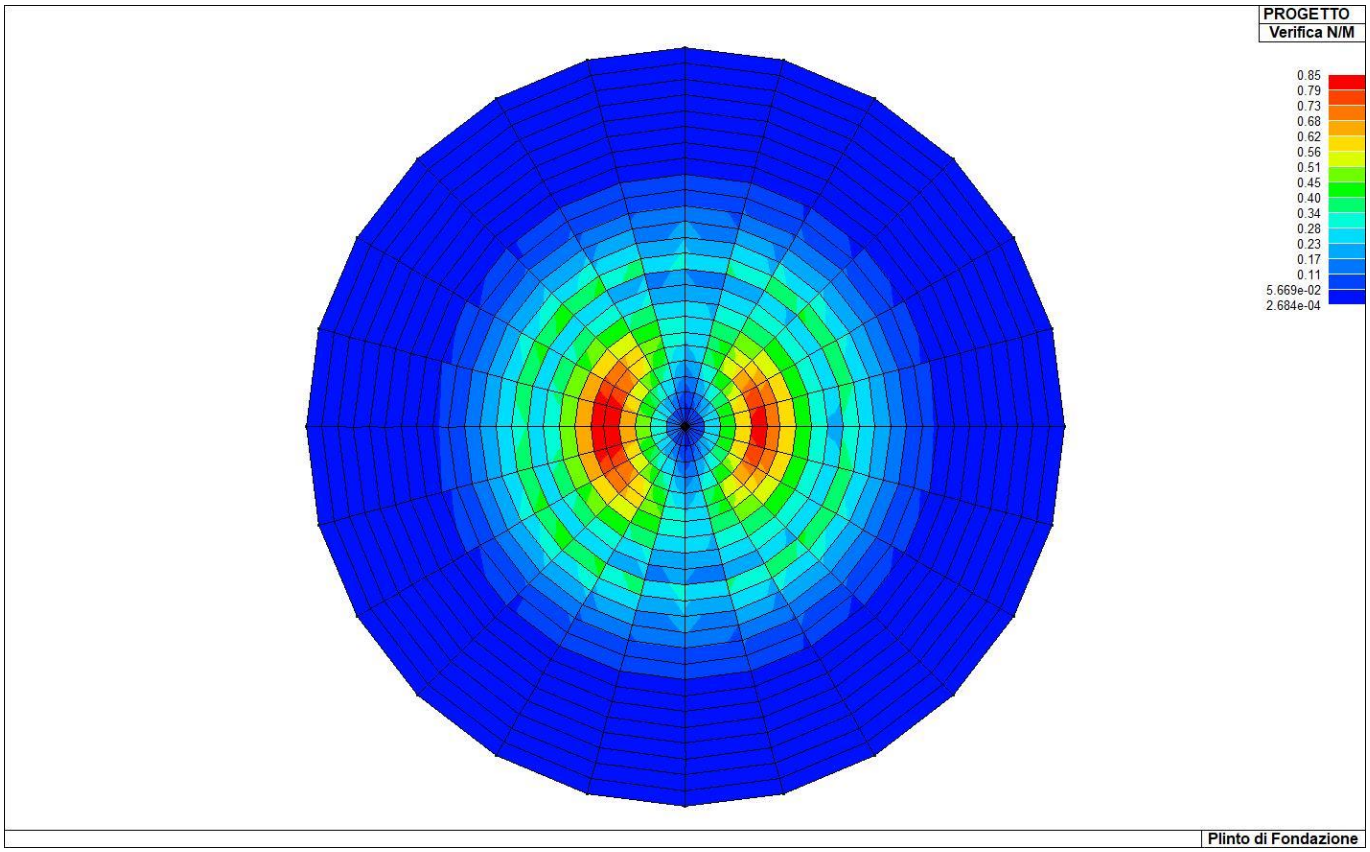
Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
								-5.82	-21.06	-10.01	-418.18	-213.36	-169.23
	0.20	3.58e-03	1.19e-03	80.42	80.42	80.42	80.42	5.82	21.06	10.01	435.85	230.97	169.23

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
4	ok	0.39						
25	ok	0.39						
26	ok	0.39						
27	ok	0.36						
28	ok	0.31						
29	ok	0.24						
30	ok	0.15						
31	ok	0.07						
32	ok	0.16						
33	ok	0.25						
34	ok	0.33						
35	ok	0.38						
36	ok	0.41						
37	ok	0.41						
38	ok	0.41						
39	ok	0.38						
40	ok	0.33						
41	ok	0.25						
42	ok	0.16						
43	ok	0.07						
44	ok	0.15						
45	ok	0.24						
46	ok	0.31						
47	ok	0.36						
48	ok	0.39						
71	ok	0.39						
94	ok	0.39						
117	ok	0.36						
140	ok	0.31						
163	ok	0.24						
186	ok	0.15						
209	ok	0.07						
232	ok	0.16						
255	ok	0.25						
278	ok	0.33						
301	ok	0.38						
324	ok	0.41						
347	ok	0.41						
370	ok	0.41						
393	ok	0.38						
416	ok	0.33						
439	ok	0.25						
462	ok	0.16						
485	ok	0.07						
508	ok	0.15						
531	ok	0.24						
554	ok	0.31						
577	ok	0.36						

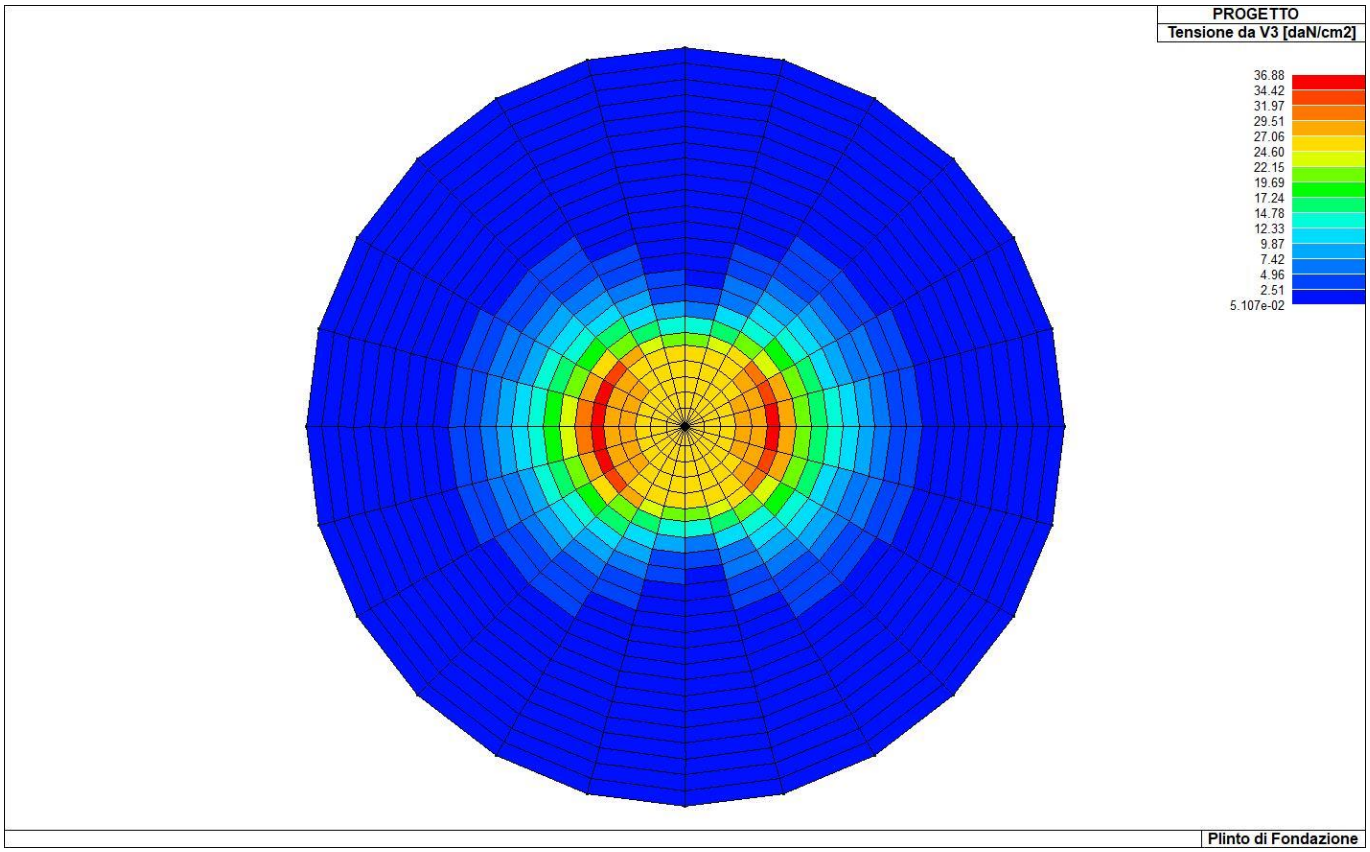
Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	0.41						



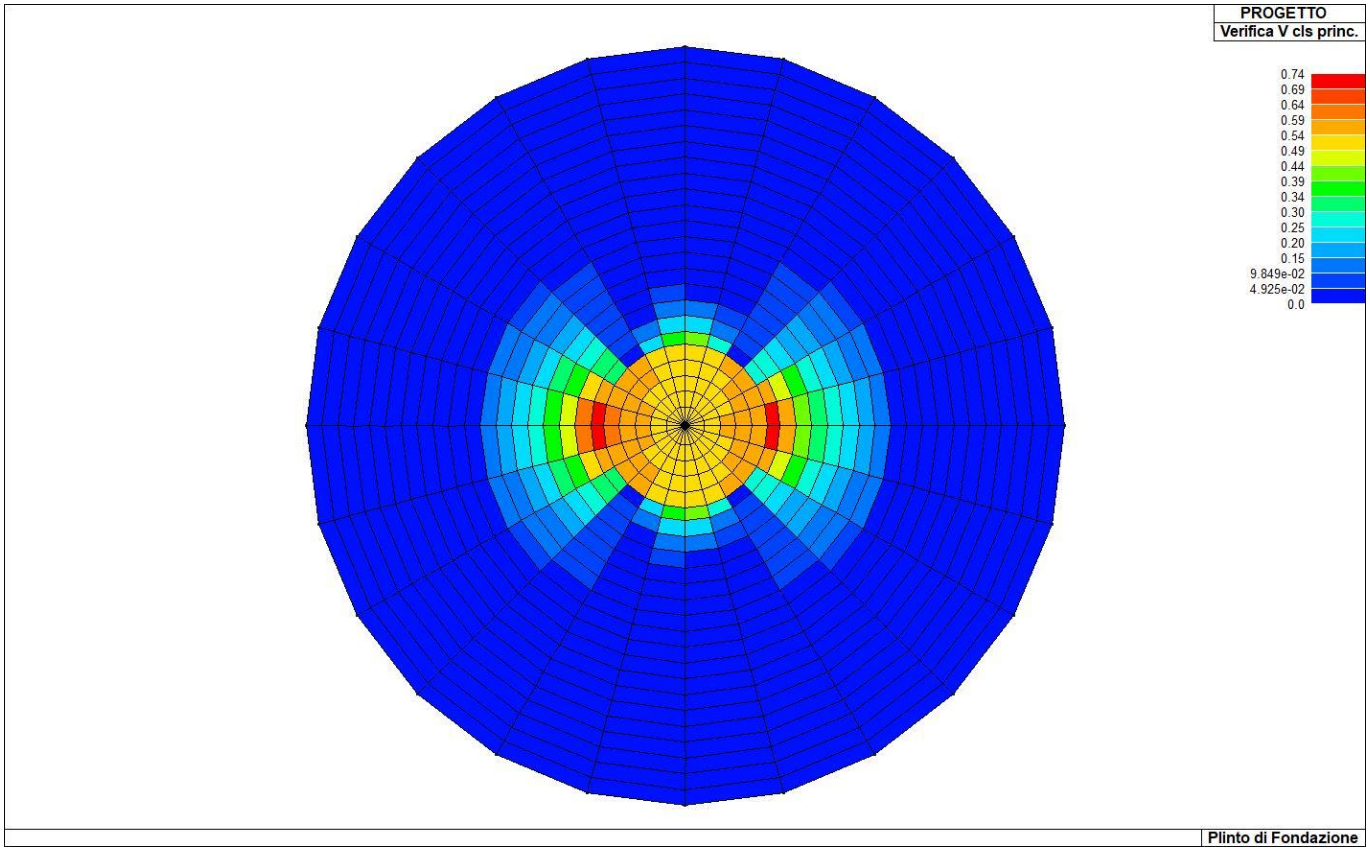
72_CA_D3_01_Stato progetto



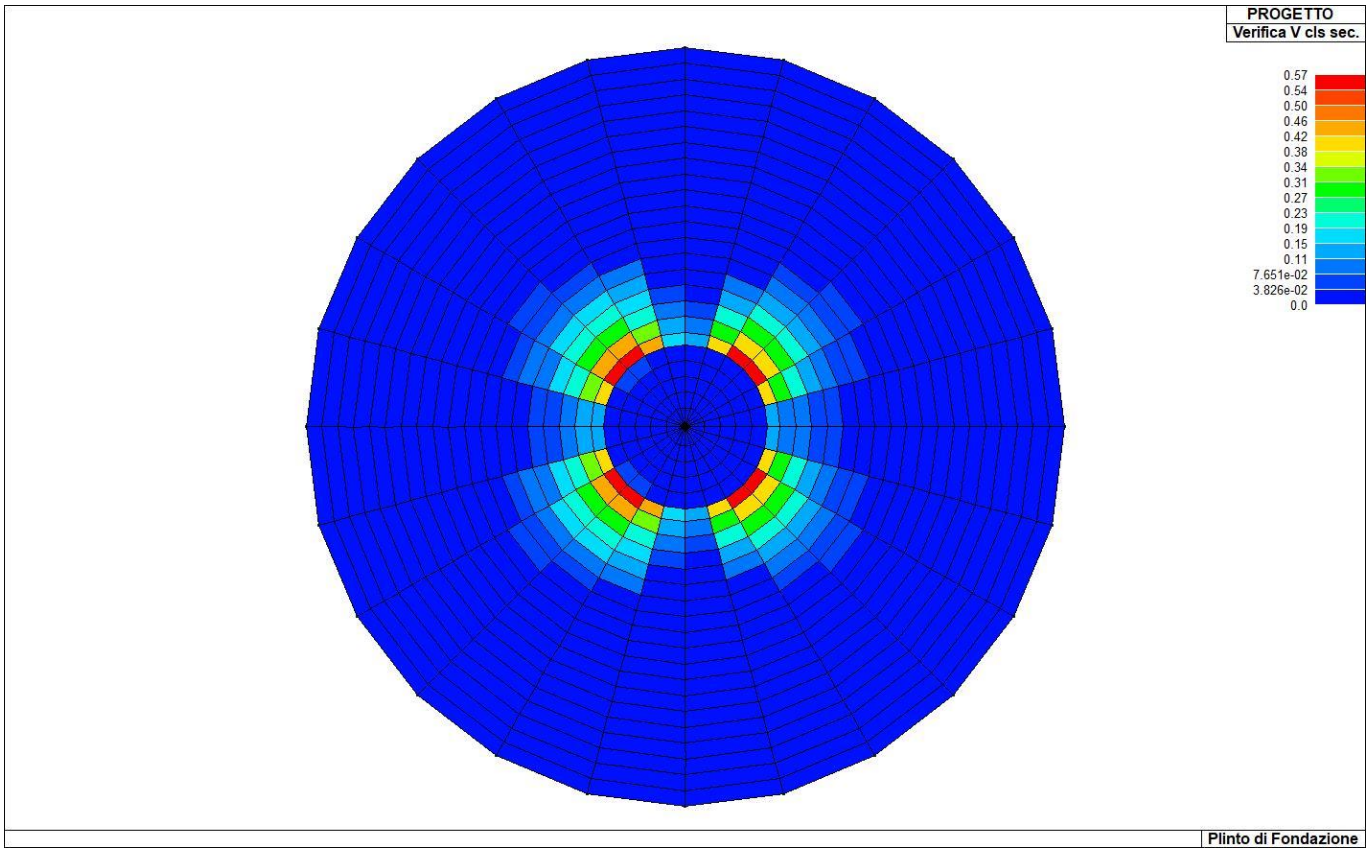
72_CA_D3_02_Verifica NM



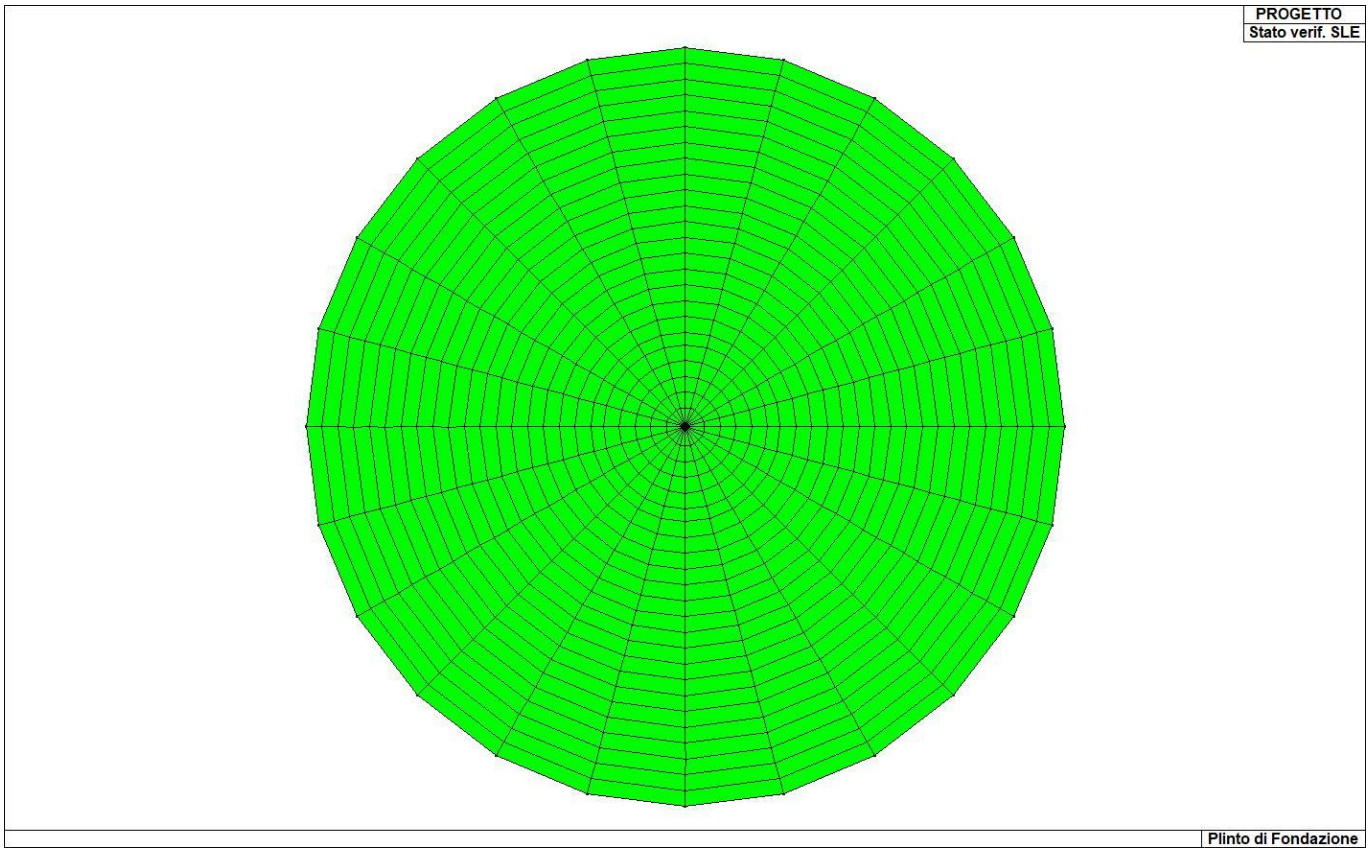
72_CA_D3_05_Tensione da V3



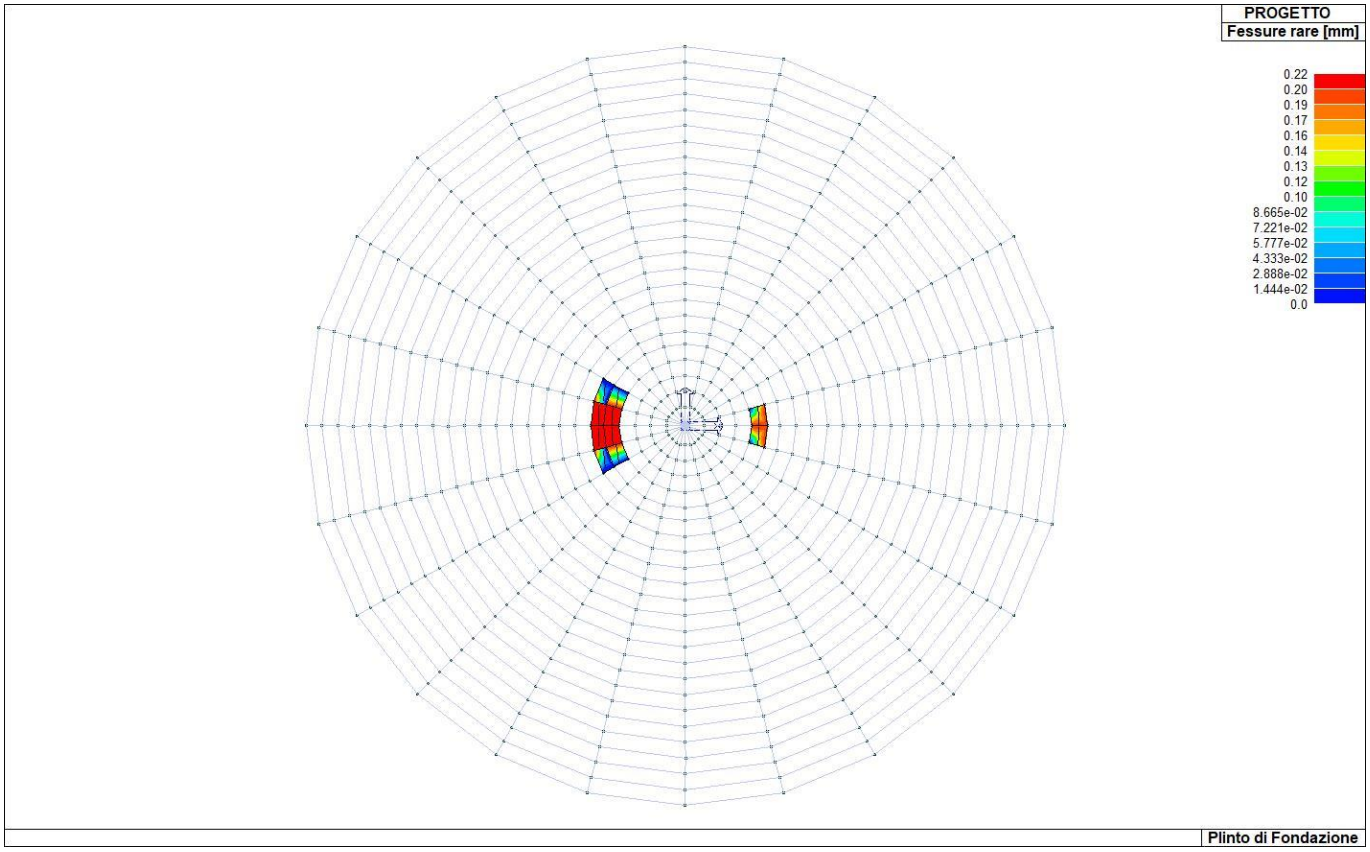
72_CA_D3_06_Verifica V cls princ



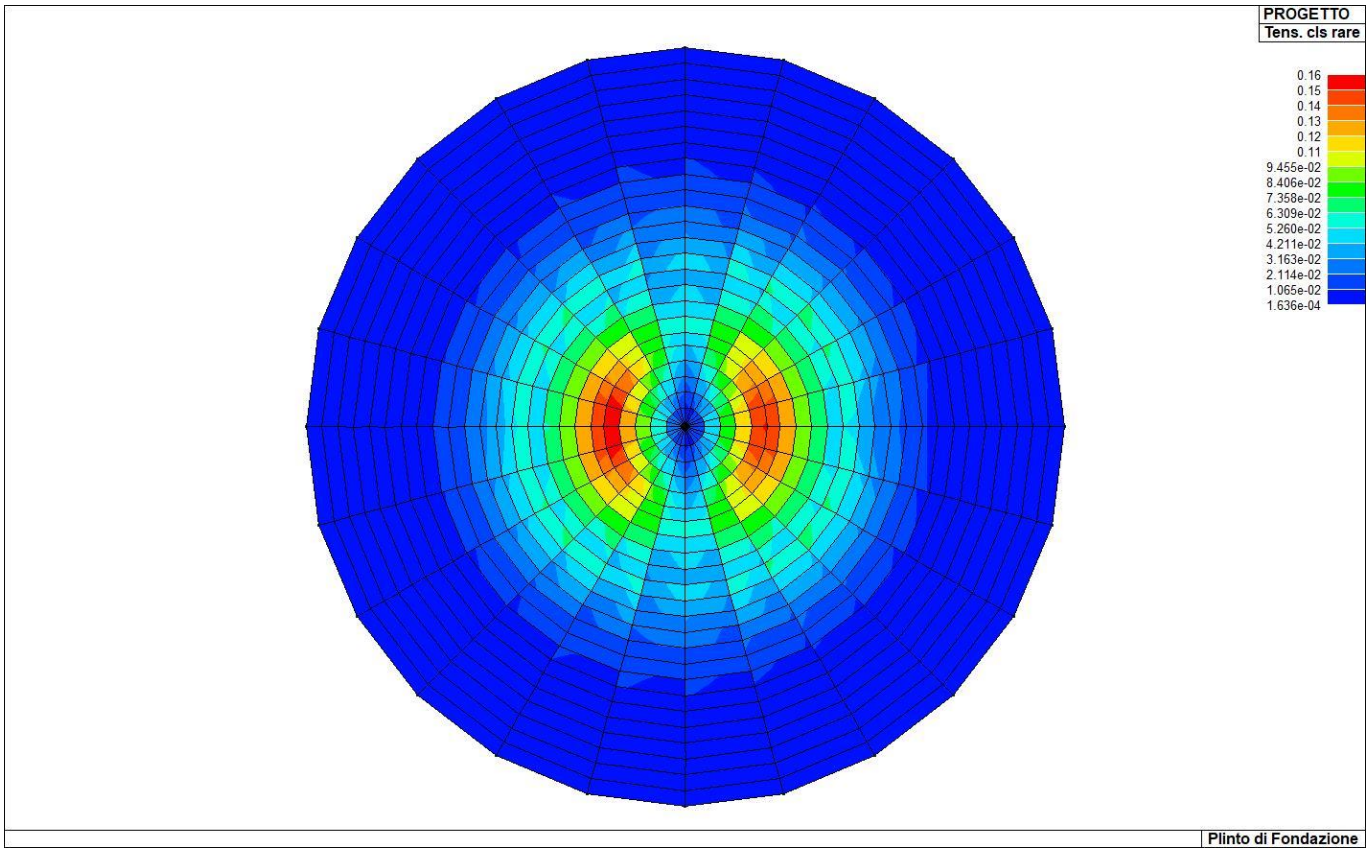
72_CA_D3_07_Verifica V cls sec



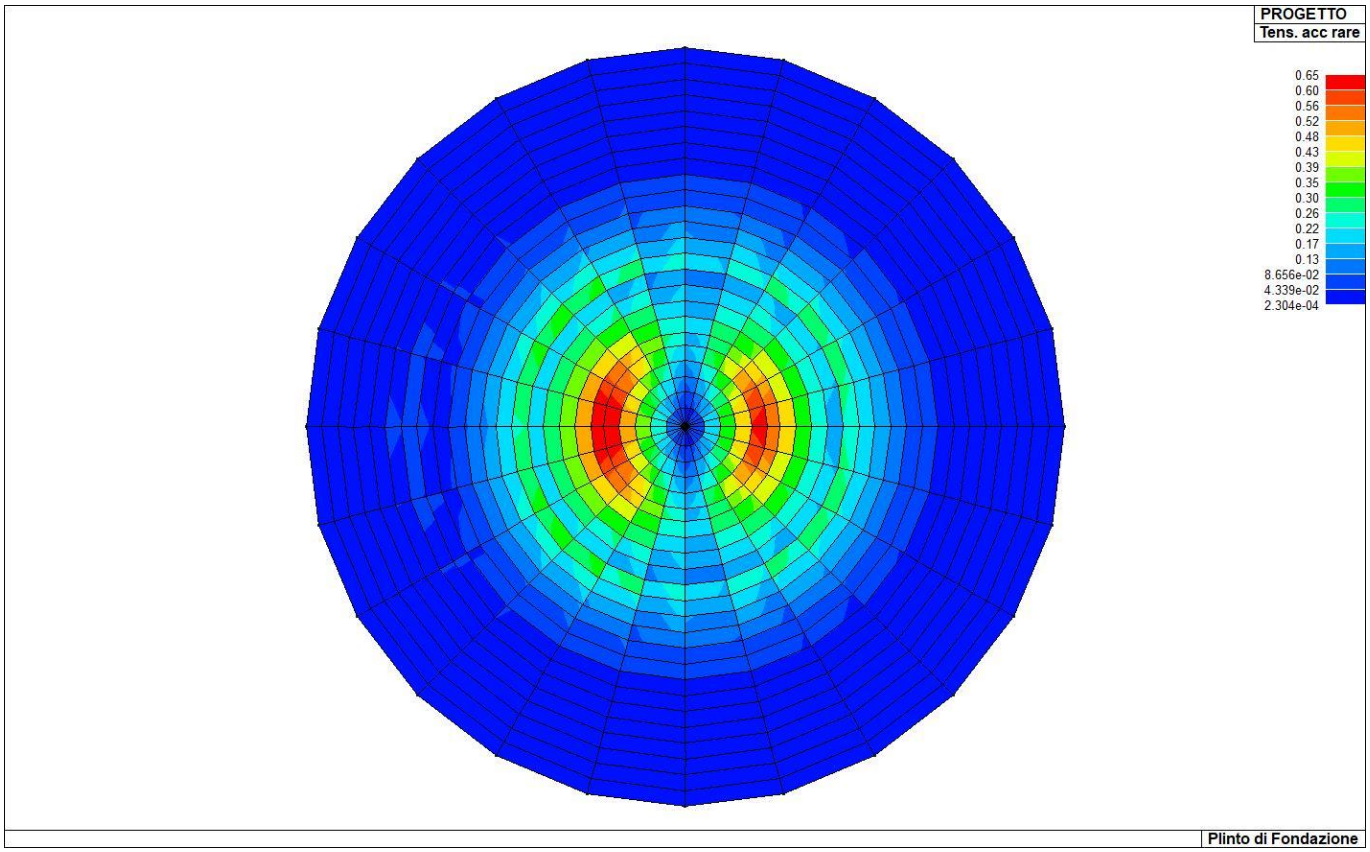
72_CA_D3_17_Stato verif SLE



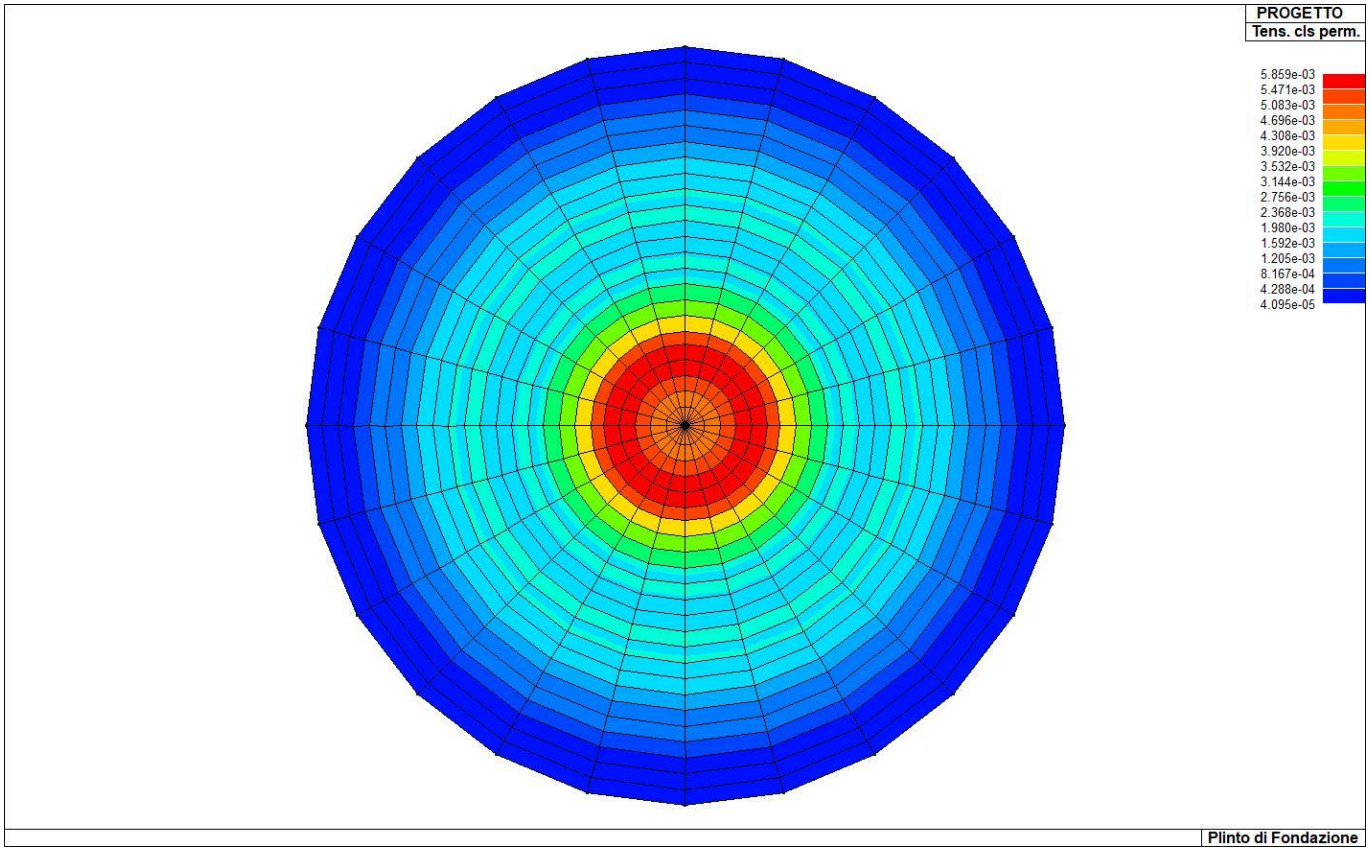
72_CA_D3_18_Fessure rare



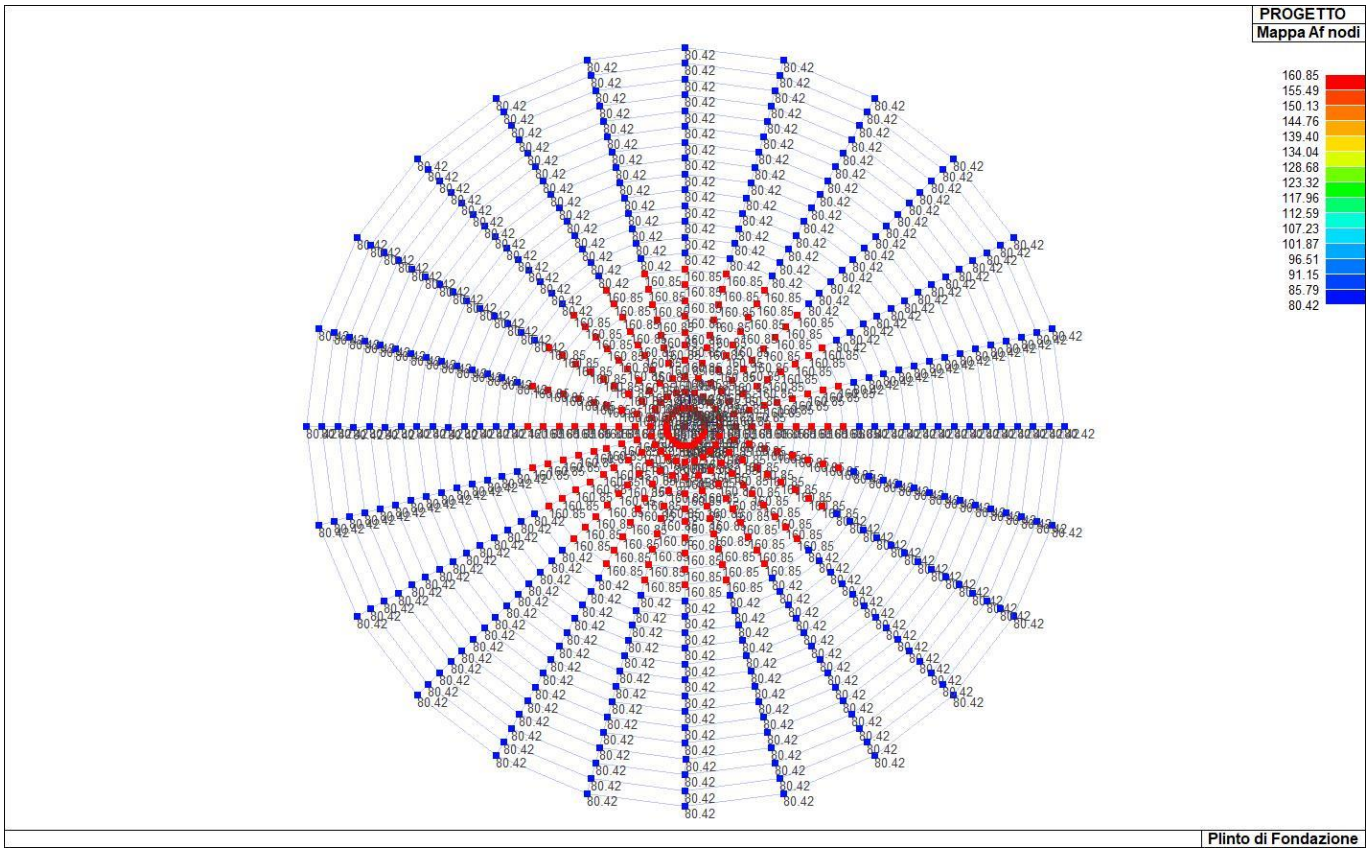
72_CA_D3_21_Tens cls rare



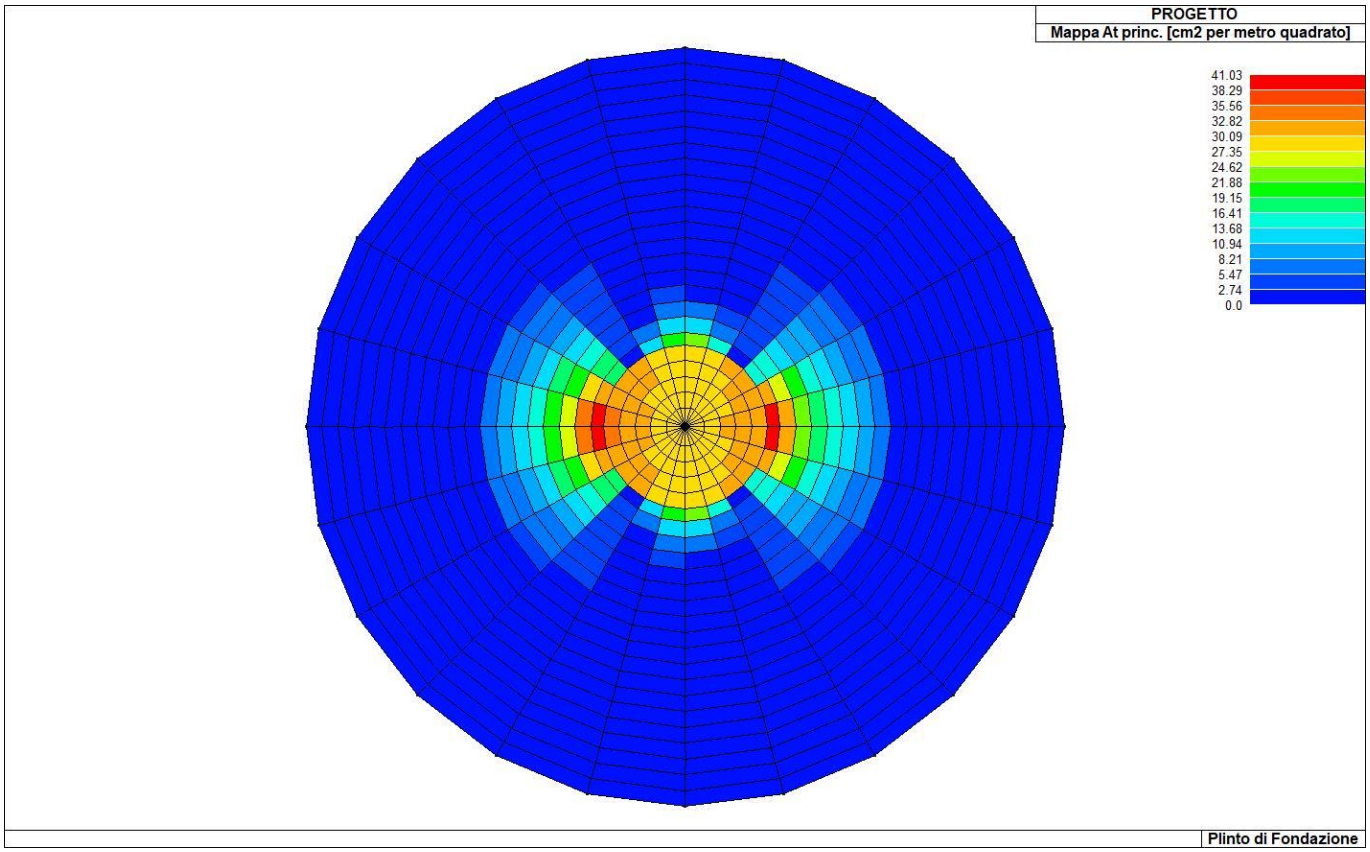
72_CA_D3_22_Tens acc rare



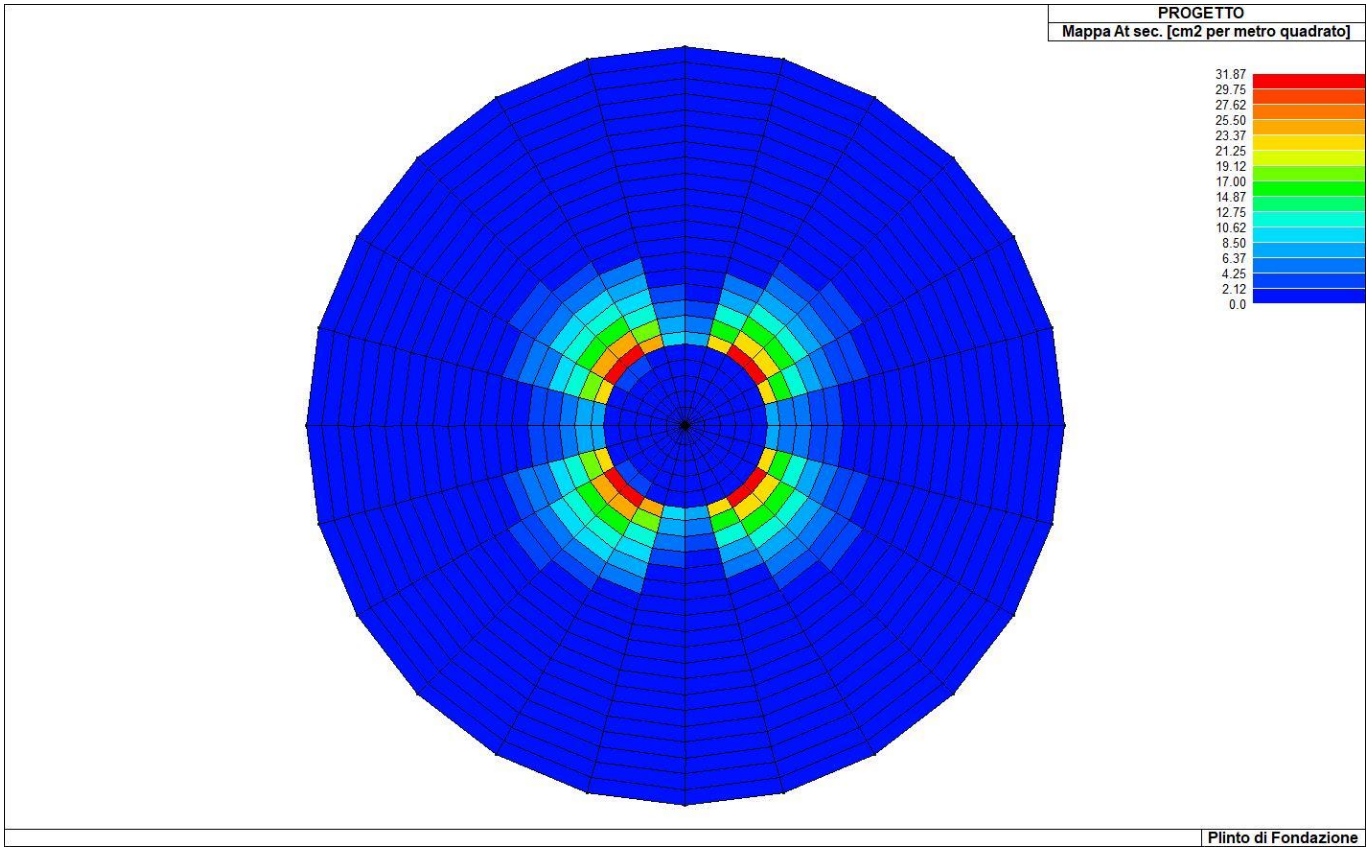
72_CA_D3_23_Tens cls perm



72_CA_D3_25_Mappa Af nodi



72_CA_D3_34_Mappa At princ cm2 per metro quadrato



72_CA_D3_35_Mappa At sec cm2 per metro quadrato

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

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

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

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

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

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

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

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

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

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
1	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
2	0.05	0.21	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
3	0.08	0.34	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
4	0.11	0.48	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
5	0.15	0.62	5.94e-03	5,5,11	0.21	0.0	0.0	5,0,0
6	0.14	0.56	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
7	0.12	0.45	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
8	0.09	0.32	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
9	0.07	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
10	0.05	0.18	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
11	0.06	0.28	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
12	0.05	0.21	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
13	0.03	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
14	0.03	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
15	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
16	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
17	8.47e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
18	9.11e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
19	0.01	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
20	9.67e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
21	8.50e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
22	6.51e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
23	3.98e-03	7.00e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
24	1.46e-03	2.72e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
25	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
26	0.05	0.21	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
27	0.08	0.33	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
28	0.11	0.46	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
29	0.14	0.60	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
30	0.14	0.54	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
31	0.12	0.44	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
32	0.09	0.33	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
33	0.07	0.26	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
34	0.06	0.20	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
35	0.07	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
36	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
37	0.04	0.17	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
38	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
39	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
40	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
41	9.56e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
42	9.32e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
43	9.99e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
44	9.50e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
45	8.29e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
46	6.33e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
47	3.86e-03	6.79e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
48	1.42e-03	2.57e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
49	0.02	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
50	0.04	0.19	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
51	0.07	0.30	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
52	0.10	0.42	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
53	0.13	0.54	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
54	0.13	0.49	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
55	0.11	0.41	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
56	0.09	0.32	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
57	0.07	0.26	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
58	0.06	0.20	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
59	0.07	0.31	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
60	0.05	0.24	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
61	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
62	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
63	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
64	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
65	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
66	9.12e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
67	9.35e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
68	8.70e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
69	7.51e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
70	5.70e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
71	3.47e-03	6.15e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
72	1.28e-03	2.23e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
73	0.01	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0

74	0.04	0.16	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
75	0.06	0.25	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
76	0.08	0.35	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
77	0.11	0.46	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
78	0.11	0.42	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
79	0.10	0.35	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
80	0.08	0.29	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
81	0.07	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
82	0.06	0.19	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
83	0.07	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
84	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
85	0.04	0.17	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
86	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
87	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
88	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
89	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
90	8.73e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
91	8.33e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
92	7.41e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
93	6.24e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
94	4.68e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
95	2.84e-03	5.24e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
96	1.05e-03	1.80e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
97	0.01	0.04	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
98	0.03	0.12	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
99	0.05	0.19	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
100	0.06	0.27	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
101	0.08	0.34	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
102	0.08	0.31	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
103	0.08	0.28	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
104	0.07	0.24	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
105	0.06	0.20	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
106	0.05	0.17	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
107	0.06	0.26	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
108	0.05	0.21	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
109	0.04	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
110	0.03	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
111	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
112	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
113	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
114	8.30e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
115	7.04e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
116	5.81e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
117	4.65e-03	0.01	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
118	3.38e-03	7.94e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
119	2.02e-03	4.07e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
120	7.53e-04	1.37e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
121	0.01	0.04	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
122	0.02	0.07	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
123	0.03	0.12	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
124	0.04	0.17	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
125	0.05	0.21	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
126	0.06	0.19	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
127	0.06	0.19	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
128	0.05	0.17	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
129	0.05	0.15	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
130	0.04	0.13	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
131	0.05	0.21	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
132	0.04	0.17	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
133	0.03	0.14	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
134	0.03	0.11	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
135	0.02	0.08	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
136	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
137	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
138	8.96e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
139	6.31e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
140	4.18e-03	0.01	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
141	2.92e-03	9.41e-03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
142	1.94e-03	5.57e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
143	1.11e-03	2.75e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
144	4.20e-04	8.72e-04	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
145	0.01	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
146	0.02	0.10	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
147	0.04	0.15	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
148	0.05	0.20	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
149	0.06	0.25	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
150	0.06	0.27	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0

151	0.06	0.25	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
152	0.05	0.22	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
153	0.05	0.18	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
154	0.04	0.15	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
155	0.05	0.25	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
156	0.04	0.19	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
157	0.03	0.15	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
158	0.02	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
159	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
160	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
161	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
162	9.45e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
163	7.34e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
164	5.44e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
165	3.87e-03	0.01	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
166	2.51e-03	6.54e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
167	1.36e-03	3.24e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
168	4.85e-04	9.92e-04	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
169	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
170	0.04	0.15	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
171	0.05	0.22	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
172	0.07	0.30	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
173	0.09	0.38	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
174	0.09	0.40	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
175	0.08	0.34	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
176	0.07	0.29	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
177	0.06	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
178	0.05	0.19	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
179	0.06	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
180	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
181	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
182	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
183	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
184	0.02	0.07	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
185	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
186	9.73e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
187	8.31e-03	0.03	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
188	6.73e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
189	5.22e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
190	3.65e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
191	2.07e-03	5.67e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
192	7.37e-04	1.74e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
193	0.02	0.09	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
194	0.05	0.19	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
195	0.07	0.28	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
196	0.09	0.38	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
197	0.12	0.49	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
198	0.11	0.50	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
199	0.10	0.42	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
200	0.08	0.34	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
201	0.07	0.27	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
202	0.06	0.22	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
203	0.07	0.33	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
204	0.05	0.25	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
205	0.04	0.19	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
206	0.03	0.14	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
207	0.02	0.10	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
208	0.02	0.07	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
209	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
210	9.77e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
211	9.10e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
212	7.88e-03	0.03	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
213	6.42e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
214	4.64e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
215	2.68e-03	7.76e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
216	9.56e-04	2.37e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
217	0.02	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
218	0.05	0.22	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
219	0.08	0.33	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
220	0.11	0.45	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
221	0.14	0.57	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
222	0.13	0.58	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
223	0.11	0.47	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
224	0.09	0.37	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
225	0.07	0.29	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
226	0.06	0.23	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
227	0.07	0.35	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0

228	0.05	0.26	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
229	0.04	0.19	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
230	0.03	0.14	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
231	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
232	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
233	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
234	9.66e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
235	9.66e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
236	8.77e-03	0.03	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
237	7.39e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
238	5.45e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
239	3.19e-03	9.38e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
240	1.13e-03	2.86e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
241	0.02	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
242	0.06	0.23	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
243	0.09	0.36	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
244	0.12	0.49	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
245	0.15	0.63	5.94e-03	5,5,11	0.21	0.0	0.0	5,0,0
246	0.14	0.62	5.36e-03	5,5,11	0.21	0.0	0.0	5,0,0
247	0.12	0.50	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
248	0.09	0.38	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
249	0.07	0.29	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
250	0.06	0.22	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
251	0.07	0.33	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
252	0.05	0.25	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
253	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
254	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
255	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
256	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
257	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
258	9.46e-03	0.05	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
259	9.98e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
260	9.32e-03	0.04	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
261	7.99e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
262	5.95e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
263	3.50e-03	0.01	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
264	1.25e-03	3.16e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
265	0.03	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
266	0.06	0.24	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
267	0.09	0.37	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
268	0.12	0.51	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
269	0.16	0.65	5.94e-03	5,5,11	0.22	0.0	0.0	5,0,0
270	0.15	0.64	5.36e-03	5,5,11	0.21	0.0	0.0	5,0,0
271	0.12	0.52	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
272	0.09	0.38	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
273	0.07	0.28	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
274	0.05	0.21	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
275	0.06	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
276	0.05	0.22	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
277	0.04	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
278	0.03	0.11	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
279	0.02	0.08	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
280	0.01	0.05	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
281	9.94e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
282	9.10e-03	0.05	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
283	9.91e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
284	9.41e-03	0.04	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
285	8.13e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
286	6.09e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
287	3.59e-03	0.01	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
288	1.29e-03	3.24e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
289	0.03	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
290	0.06	0.24	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
291	0.09	0.37	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
292	0.12	0.51	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
293	0.16	0.65	5.94e-03	5,5,11	0.22	0.0	0.0	5,0,0
294	0.15	0.64	5.36e-03	5,5,11	0.21	0.0	0.0	5,0,0
295	0.12	0.52	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
296	0.09	0.38	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
297	0.07	0.28	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
298	0.05	0.21	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
299	0.06	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
300	0.05	0.22	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
301	0.04	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
302	0.03	0.11	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
303	0.02	0.08	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
304	0.01	0.05	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0

305	9.94e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
306	9.10e-03	0.05	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
307	9.91e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
308	9.41e-03	0.04	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
309	8.13e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
310	6.09e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
311	3.59e-03	0.01	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
312	1.29e-03	3.24e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
313	0.02	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
314	0.06	0.23	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
315	0.09	0.36	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
316	0.12	0.49	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
317	0.15	0.63	5.94e-03	5,5,11	0.21	0.0	0.0	5,0,0
318	0.14	0.62	5.36e-03	5,5,11	0.21	0.0	0.0	5,0,0
319	0.12	0.50	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
320	0.09	0.38	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
321	0.07	0.29	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
322	0.06	0.22	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
323	0.07	0.33	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
324	0.05	0.25	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
325	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
326	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
327	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
328	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
329	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
330	9.46e-03	0.05	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
331	9.98e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
332	9.32e-03	0.04	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
333	7.99e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
334	5.95e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
335	3.50e-03	0.01	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
336	1.25e-03	3.16e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
337	0.02	0.10	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
338	0.05	0.22	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
339	0.08	0.33	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
340	0.11	0.45	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
341	0.14	0.57	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
342	0.13	0.58	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
343	0.11	0.47	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
344	0.09	0.37	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
345	0.07	0.29	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
346	0.06	0.23	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
347	0.07	0.35	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
348	0.05	0.26	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
349	0.04	0.19	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
350	0.03	0.14	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
351	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
352	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
353	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
354	9.66e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
355	9.66e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
356	8.77e-03	0.03	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
357	7.39e-03	0.03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
358	5.45e-03	0.02	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
359	3.19e-03	9.38e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
360	1.13e-03	2.86e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
361	0.02	0.09	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
362	0.05	0.19	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
363	0.07	0.28	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
364	0.09	0.38	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
365	0.12	0.49	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
366	0.11	0.50	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
367	0.10	0.42	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
368	0.08	0.34	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
369	0.07	0.27	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
370	0.06	0.22	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
371	0.07	0.33	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
372	0.05	0.25	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
373	0.04	0.19	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
374	0.03	0.14	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
375	0.02	0.10	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
376	0.02	0.07	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
377	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
378	9.77e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
379	9.10e-03	0.04	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
380	7.88e-03	0.03	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
381	6.42e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0

382	4.64e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
383	2.68e-03	7.76e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
384	9.56e-04	2.37e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
385	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
386	0.04	0.15	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
387	0.05	0.22	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
388	0.07	0.30	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
389	0.09	0.38	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
390	0.09	0.40	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
391	0.08	0.34	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
392	0.07	0.29	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
393	0.06	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
394	0.05	0.19	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
395	0.06	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
396	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
397	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
398	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
399	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
400	0.02	0.07	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
401	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
402	9.73e-03	0.04	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
403	8.31e-03	0.03	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
404	6.73e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
405	5.22e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
406	3.65e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
407	2.07e-03	5.67e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
408	7.37e-04	1.74e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
409	0.01	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
410	0.02	0.10	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
411	0.04	0.15	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
412	0.05	0.20	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
413	0.06	0.25	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
414	0.06	0.27	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
415	0.06	0.25	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
416	0.05	0.22	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
417	0.05	0.18	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
418	0.04	0.15	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
419	0.05	0.25	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
420	0.04	0.19	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
421	0.03	0.15	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
422	0.02	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
423	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
424	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
425	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
426	9.45e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
427	7.34e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
428	5.44e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
429	3.87e-03	0.01	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
430	2.51e-03	6.54e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
431	1.36e-03	3.24e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
432	4.85e-04	9.92e-04	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
433	0.01	0.04	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
434	0.02	0.07	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
435	0.03	0.12	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
436	0.04	0.17	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
437	0.05	0.21	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
438	0.06	0.19	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
439	0.06	0.19	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
440	0.05	0.17	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
441	0.05	0.15	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
442	0.04	0.13	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
443	0.05	0.21	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
444	0.04	0.17	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
445	0.03	0.14	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
446	0.03	0.11	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
447	0.02	0.08	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
448	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
449	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
450	8.96e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
451	6.31e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
452	4.18e-03	0.01	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
453	2.92e-03	9.41e-03	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
454	1.94e-03	5.57e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
455	1.11e-03	2.75e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
456	4.20e-04	8.72e-04	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
457	0.01	0.04	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
458	0.03	0.12	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0

459	0.05	0.19	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
460	0.06	0.27	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
461	0.08	0.34	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
462	0.08	0.31	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
463	0.08	0.28	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
464	0.07	0.24	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
465	0.06	0.20	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
466	0.05	0.17	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
467	0.06	0.26	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
468	0.05	0.21	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
469	0.04	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
470	0.03	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
471	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
472	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
473	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
474	8.30e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
475	7.04e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
476	5.81e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
477	4.65e-03	0.01	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
478	3.38e-03	7.94e-03	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
479	2.02e-03	4.07e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
480	7.53e-04	1.37e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
481	0.01	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
482	0.04	0.16	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
483	0.06	0.25	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
484	0.08	0.35	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
485	0.11	0.46	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
486	0.11	0.42	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
487	0.10	0.35	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
488	0.08	0.29	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
489	0.07	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
490	0.06	0.19	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
491	0.07	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
492	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
493	0.04	0.17	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
494	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
495	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
496	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
497	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
498	8.73e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
499	8.33e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
500	7.41e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
501	6.24e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
502	4.68e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
503	2.84e-03	5.24e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
504	1.05e-03	1.80e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
505	0.02	0.06	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
506	0.04	0.19	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
507	0.07	0.30	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
508	0.10	0.42	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
509	0.13	0.54	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
510	0.13	0.49	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
511	0.11	0.41	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
512	0.09	0.32	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
513	0.07	0.26	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
514	0.06	0.20	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
515	0.07	0.31	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
516	0.05	0.24	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
517	0.04	0.18	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
518	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
519	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
520	0.02	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
521	0.01	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
522	9.12e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
523	9.35e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
524	8.70e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
525	7.51e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
526	5.70e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
527	3.47e-03	6.15e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
528	1.28e-03	2.23e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
529	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
530	0.05	0.21	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
531	0.08	0.33	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
532	0.11	0.46	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
533	0.14	0.60	5.94e-03	5,5,11	0.0	0.0	0.0	0,0,0
534	0.14	0.54	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
535	0.12	0.44	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0

536	0.09	0.33	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
537	0.07	0.26	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
538	0.06	0.20	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
539	0.07	0.30	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
540	0.05	0.23	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
541	0.04	0.17	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
542	0.03	0.13	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
543	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
544	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
545	9.56e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
546	9.32e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
547	9.99e-03	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
548	9.50e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
549	8.29e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
550	6.33e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
551	3.86e-03	6.79e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
552	1.42e-03	2.57e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0
553	0.02	0.07	5.06e-03	5,5,11	0.0	0.0	0.0	0,0,0
554	0.05	0.21	5.18e-03	5,5,11	0.0	0.0	0.0	0,0,0
555	0.08	0.34	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
556	0.11	0.48	5.61e-03	5,5,11	0.0	0.0	0.0	0,0,0
557	0.15	0.62	5.94e-03	5,5,11	0.21	0.0	0.0	5,0,0
558	0.14	0.56	5.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
559	0.12	0.45	4.25e-03	5,5,11	0.0	0.0	0.0	0,0,0
560	0.09	0.32	3.54e-03	5,5,11	0.0	0.0	0.0	0,0,0
561	0.07	0.24	2.84e-03	5,5,11	0.0	0.0	0.0	0,0,0
562	0.05	0.18	2.19e-03	5,5,11	0.0	0.0	0.0	0,0,0
563	0.06	0.28	2.36e-03	5,5,11	0.0	0.0	0.0	0,0,0
564	0.05	0.21	1.70e-03	5,5,11	0.0	0.0	0.0	0,0,0
565	0.03	0.16	1.92e-03	5,5,11	0.0	0.0	0.0	0,0,0
566	0.03	0.12	2.04e-03	5,5,11	0.0	0.0	0.0	0,0,0
567	0.02	0.09	2.01e-03	5,5,11	0.0	0.0	0.0	0,0,0
568	0.01	0.06	1.90e-03	5,5,11	0.0	0.0	0.0	0,0,0
569	8.47e-03	0.04	1.69e-03	5,5,11	0.0	0.0	0.0	0,0,0
570	9.11e-03	0.03	1.46e-03	5,5,11	0.0	0.0	0.0	0,0,0
571	0.01	0.02	1.20e-03	5,5,11	0.0	0.0	0.0	0,0,0
572	9.67e-03	0.02	9.10e-04	5,5,11	0.0	0.0	0.0	0,0,0
573	8.50e-03	0.02	6.43e-04	5,5,11	0.0	0.0	0.0	0,0,0
574	6.51e-03	0.01	3.92e-04	5,5,11	0.0	0.0	0.0	0,0,0
575	3.98e-03	7.00e-03	1.80e-04	5,5,11	0.0	0.0	0.0	0,0,0
576	1.46e-03	2.72e-03	4.42e-05	5,5,11	0.0	0.0	0.0	0,0,0

Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.16	0.65	5.94e-03		0.22	0.0	0.0	

RELAZIONE GEOTECNICA E DELLE FONDAZIONI

NORMATIVE DI RIFERIMENTO

In quanto di seguito riportato viene fatto esplicito riferimento alle seguenti Normative:

- **LEGGE n° 64 del 02/02/1974.** "Provvedimenti per le costruzioni, con particolari prescrizioni per le zone sismiche.";
- **D.M. LL.PP. del 11/03/1988.** "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.";
- **D.M. LL.PP. del 16/01/1996.** "Norme tecniche per le costruzioni in zone sismiche.";
- **Circolare Ministeriale LL.PP. n° 65/AA.GG. del 10/04/1997.** "Istruzioni per l'applicazione delle "Norme Tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/1996.";
- **Eurocodice 1 - Parte 1 -** "Basi di calcolo ed azioni sulle strutture - Basi di calcolo -.";
- **Eurocodice 7 - Parte 1 -**"Progettazione geotecnica - Regole generali -.";
- **Eurocodice 8 - Parte 5 -**"Indicazioni progettuali per la resistenza sismica delle strutture - Fondazioni, strutture di contenimento ed aspetti geotecnici -.";
- **D.M. 17/01/2018 - NUOVE NORME TECNICHE PER LE COSTRUZIONI**
- **Circolare n. 7 del 21/01/2019**

INDAGINI IN SITO E CARATTERIZZAZIONE GEOTECNICA DEI TERRENI DI FONDAZIONE

La finalità della presente relazione è quella di definire il comportamento meccanico del volume di terreno (volume significativo) influenzato direttamente o indirettamente dalla costruzione di un manufatto e che a sua volta influenza il comportamento strutturale del manufatto stesso. Di seguito si illustrano i risultati delle indagini geologiche eseguite, nonchè l'interpretazione dei risultati ottenuti. Dal quadro generale in tal modo scaturito si definiscono le caratteristiche della fondazione da adottare ed il modello da utilizzare per le elaborazioni relative alla interazione sovrastruttura-fondazione e fondazione-terreno.

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Le risultanze dell'indagine in sito hanno evidenziato che:
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Di seguito si riportano alcuni cenni teorici relativi alle modalità di calcolo implementate e la descrizione della simbologia adottata nei tabulati.

CARICO LIMITE DI FONDAZIONI SUPERFICIALI SU TERRENI

Per la determinazione del carico limite del complesso terreno-fondazione (inteso come valore asintotico del diagramma carico-cedimento) si fa riferimento a due principali meccanismi di rottura: il "meccanismo generale" e quello di "punzonamento". Il primo è caratterizzato dalla formazione di una superficie di scorrimento: il terreno sottostante la fondazione rifluisce lateralmente e verso l'alto, conseguentemente il terreno circostante la fondazione è interessato da un meccanismo di sollevamento ed emersione della superficie di scorrimento. Il secondo meccanismo è caratterizzato dall'assenza di una superficie di scorrimento ben definita: il terreno sotto la fondazione si comprime ed in corrispondenza della superficie del terreno circostante la fondazione si osserva un abbassamento generalizzato. Quest'ultimo meccanismo non consente una precisa individuazione del carico limite in quanto la curva cedimenti-carico applicato non raggiunge mai un valore asintotico ma cresce indefinitamente. Vesic ha studiato il fenomeno della rottura per punzonamento assimilando il terreno ad un mezzo elasto-plastico e la rottura per carico limite all'espansione di una cavità cilindrica. In questo caso il fenomeno risulta retto da un indice di rigidezza "I_r" così definito:

$$I_r = \frac{G}{c' + \sigma' \cdot tg(\varphi)}.$$

Per la determinazione del modulo di rigidezza a taglio si utilizzeranno le seguenti relazioni:

$$G = \frac{E}{2 \cdot (1+\nu)}; \qquad E = E_{ed} \frac{1-\nu-2\cdot\nu^2}{1-\nu}; \qquad \nu = \frac{k_0}{1+k_0}; \qquad k_0 = 1 - sen(\varphi).$$

L'indice di rigidezza viene confrontato con l'indice di rigidezza critico "$I_{r,crit}$":

$$I_{r,crit} = \frac{e^{\left[\left(3.3-0.45\cdot\frac{B}{L}\right)\cdot ctg\left(45°-\frac{\varphi}{2}\right)\right]}}{2}.$$

La rottura per punzonamento del terreno di fondazione avviene quando l'indice di rigidezza è minore di quello critico. Tale teoria comporta l'introduzione di coefficienti correttivi all'interno della formula trinomia del carico limite detti "coefficienti di punzonamento" i quali sono funzione dell'indice di rigidezza, dell'angolo d'attrito e della geometria dell'elemento di fondazione. La loro espressione è la seguente:

- se $I_r < I_{r,crit}$ si ha :

$$\Psi_\gamma = \Psi_q = e^{\left[\left(0.6\cdot\frac{B}{L}-4.4\right)\cdot tg(\varphi)+\frac{3.07\cdot sen(\varphi)\cdot\log_{10}(2\cdot I_r)}{1+sen(\varphi)}\right]} \qquad \text{se } \varphi = 0 \Rightarrow \Psi_\gamma = \Psi_q = 1$$

$$\Psi_c = \Psi_q - \frac{1-\Psi_q}{N_c\cdot tg(\varphi)} \qquad \text{se } \varphi = 0 \Rightarrow \Psi_c = 0.32 + 0.12\cdot\frac{B}{L} + 0.6\cdot\log_{10}(I_r)$$

- se $I_r > I_{r,crit}$ si ha che $\psi_\gamma = \psi_q = \psi_c = 1$.

Il significato dei simboli adottati nelle equazioni sopra riportate è il seguente:

- E_{ed} modulo edometrico del terreno sottostante la fondazione
- ν coefficiente di Poisson del terreno sottostante la fondazione
- k_0 coefficiente di spinta a riposo del terreno sottostante la fondazione
- φ angolo d'attrito efficace del terreno sottostante il piano di posa
- c' coesione (espressa in termini di tensioni efficaci)
- σ' tensione litostatica effettiva a profondità D+B/2
- L luce delle singole travi di fondazione
- D profondità del piano di posa della fondazione a partire dal piano campagna
- B larghezza della trave di fondazione

Definito il meccanismo di rottura, il calcolo del carico limite viene eseguito modellando il terreno come un mezzo rigido perfettamente plastico con la seguente espressione:

$$q_{ult} = \gamma_1\cdot D\cdot N_q\cdot s_q\cdot d_q\cdot i_q\cdot\Psi_q + c\cdot N_c\cdot s_c\cdot d_c\cdot i_c\cdot\Psi_c + \gamma_2\cdot\frac{B}{2}\cdot N_\gamma\cdot s_\gamma\cdot d_\gamma\cdot i_\gamma\cdot\Psi_\gamma\cdot r_\gamma.$$

Il significato dei termini presenti nella relazione trinomia sopra riportata è il seguente:

- N_q, N_c, N_γ, fattori adimensionali di portanza funzione dell'angolo d'attrito interno φ del terreno
- s_q, s_c, s_γ, coefficienti che rappresentano il fattore di forma
- d_q, d_c, d_γ, coefficienti che rappresentano il fattore dell'approfondimento
- i_q, i_c, i_γ, coefficienti che rappresentano il fattore di inclinazione del carico
- γ_1 peso per unità di volume del terreno sovrastante il piano di posa
- γ_2 peso per unità di volume del terreno sottostante il piano di posa

Per fondazioni aventi larghezza modesta si dimostra che il terzo termine non aumenta indefinitamente e per valori elevati di "B", sia secondo Vesic che secondo de Beer, il valore limite è prossimo a quello di una fondazione profonda. Bowles per fondazioni di larghezza maggiore di 2.00 metri propone il seguente fattore riduttivo:

$$r_\gamma = 1 - 0.25\cdot\log_{10}\left(\frac{B}{2}\right) \qquad \text{dove } "B" \text{ va espresso in metri.}$$

Questa relazione risulta particolarmente utile per fondazioni larghe con rapporto D/B basso (platee e simili), caso nel quale il terzo termine dell'equazione trinomia è predominante.

Nel caso di carico eccentrico Meyerhof consiglia di ridurre le dimensioni della superficie di contatto (A_f) tra fondazione e terreno (B, L) in tutte le formule del calcolo del carico limite. Tale riduzione è espressa dalle seguenti relazioni:

$B_{rid} = B - 2\cdot e_B \qquad L_{rid} = L - 2\cdot e_L$ dove e_B, e_L sono le eccentricità relative alle dimensioni in esame.

L'equazione trinomia del carico limite può essere risolta secondo varie formulazioni, di seguito si riportano quelle che sono state implementate:

Formulazione di Hansen (1970)

$$N_q = tg^2\left(\frac{90°+\varphi}{2}\right)\cdot e^{\pi\cdot tg(\varphi)} \qquad N_\gamma = 1.5\cdot(N_q-1)\cdot tg(\varphi) \quad N_c = (N_q-1)\cdot ctg(\varphi)$$

- se $\varphi \neq 0$ si ha:

$$s_q = 1 + \frac{B}{L} \cdot tg(\varphi) \qquad s_\gamma = 1 - 0.4 \cdot \frac{B}{L} \qquad s_c = 1 + \frac{N_q \cdot B}{N_c \cdot L}$$

$$d_q = 1 + 2 \cdot tg(\varphi) \cdot (1 - sen(\varphi))^2 \cdot \Theta \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$\text{dove : se } \frac{D}{B} \le 1 \Rightarrow \Theta = \frac{D}{B}, \text{ se } \frac{D}{B} > 1 \Rightarrow \Theta = arctg\left(\frac{D}{B}\right)$$

$$i_q = \left[1 - \frac{0.5 \cdot H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^{\alpha_1} \qquad i_\gamma = \left[1 - \frac{0.7 \cdot H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^{\alpha_2} \qquad i_c = i_q - \frac{1 - i_q}{N_q - 1}$$

- se φ = 0 si ha:

$$s_q = 1.0 \quad s_\gamma = 1.0 \quad s_c = 1 + 0.2 \cdot \frac{B}{L}$$

$$d_q = 1.0 \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$i_q = 1.0 \quad i_\gamma = 1.0 \quad i_c = 0.5 \cdot \left(1 + \sqrt{1 - \frac{H}{A_f \cdot c_a}}\right)$$

Formulazione di Vesic (1975)

$$N_q = tg^2\left(\frac{90° + \varphi}{2}\right) \cdot e^{\pi \cdot tg(\varphi)} \qquad N_\gamma = 2 \cdot (N_q + 1) \cdot tg(\varphi) \qquad N_c = (N_q - 1) \cdot ctg(\varphi)$$

- se φ ≠ 0 si ha:

$$s_q = 1 + \frac{B}{L} \cdot tg(\varphi) \qquad s_\gamma = 1 - 0.4 \cdot \frac{B}{L} \qquad s_c = 1 + \frac{N_q \cdot B}{N_c \cdot L}$$

$$d_q = 1 + 2 \cdot tg(\varphi) \cdot (1 - sen(\varphi))^2 \cdot \Theta \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$\text{dove : se } \frac{D}{B} \le 1 \Rightarrow \Theta = \frac{D}{B}, \text{ se } \frac{D}{B} > 1 \Rightarrow \Theta = arctg\left(\frac{D}{B}\right)$$

$$i_q = \left[1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^{m} \qquad i_\gamma = \left[1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^{m+1} \qquad i_c = i_q - \frac{1 - i_q}{N_q - 1}$$

$$\text{dove : } m = m_B = \frac{2 + \frac{B}{L}}{1 + \frac{B}{L}} \qquad m = m_L = \frac{2 + \frac{L}{B}}{1 + \frac{L}{B}}$$

- se φ = 0 si ha:

$$s_q = 1.0 \quad s_\gamma = 1.0 \quad s_c = 1 + 0.2 \cdot \frac{B}{L}$$

$$d_q = 1.0 \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$i_q = 1.0 \quad i_\gamma = 1.0 \quad i_c = 1 - \frac{m \cdot H}{A_f \cdot c_a \cdot N_c}$$

Formulazione di Brinch-Hansen

$$N_q = tg^2\left(\frac{90° + \varphi}{2}\right) \cdot e^{\pi \cdot tg(\varphi)} \qquad N_\gamma = 2 \cdot (N_q + 1) \cdot tg(\varphi) \qquad N_c = (N_q - 1) \cdot ctg(\varphi)$$

- se φ ≠ 0 si ha:

$$s_q = 1 + 0.1 \cdot \frac{B \cdot (1 + sen(\varphi))}{L \cdot (1 - sen(\varphi))} \qquad s_\gamma = 1 + 0.1 \cdot \frac{B \cdot (1 + sen(\varphi))}{L \cdot (1 - sen(\varphi))} \qquad s_c = 1 + 0.2 \cdot \frac{B \cdot (1 + sen(\varphi))}{L \cdot (1 - sen(\varphi))}$$

$$d_q = 1 + 2 \cdot tg(\varphi) \cdot (1 - sen(\varphi))^2 \cdot \Theta \qquad d_\gamma = 1.0 \qquad d_c = d_q - \frac{1 - d_q}{N_c \cdot tg(\varphi)}$$

$$\text{dove : se } \frac{D}{B} \le 1 \Rightarrow \Theta = \frac{D}{B}, \text{ se } \frac{D}{B} > 1 \Rightarrow \Theta = arctg\left(\frac{D}{B}\right)$$

$$i_q = \left[1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^m \qquad i_\gamma = \left[1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^{m+1} \qquad i_c = i_q - \frac{1 - i_q}{N_q - 1}$$

$$\text{dove: } m = m_B = \frac{2 + \frac{B}{L}}{1 + \frac{B}{L}} \qquad m = m_L = \frac{2 + \frac{L}{B}}{1 + \frac{L}{B}}$$

- se φ = 0 si ha:

$$s_q = 1.0 \quad s_\gamma = 1.0 \quad s_c = 1 + 0.2 \cdot \frac{B}{L}$$

$$d_q = 1.0 \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$i_q = 1.0 \quad i_\gamma = 1.0 \quad i_c = 1 - \frac{m \cdot H}{A_f \cdot c_a \cdot N_c}$$

Formulazione Eurocodice 7

$$N_q = tg^2\left(\frac{90° + \varphi}{2}\right) \cdot e^{\pi \cdot tg(\varphi)} \qquad N_\gamma = 2 \cdot (N_q - 1) \cdot tg(\varphi) \qquad N_c = (N_q - 1) \cdot ctg(\varphi)$$

- se φ ≠ 0 si ha:

$$s_q = 1 + \frac{B}{L} \cdot sen(\varphi) \qquad s_\gamma = 1 - 0.3 \cdot \frac{B}{L} \qquad s_c = \frac{s_q \cdot (N_q - 1)}{N_q - 1}$$

$$d_q = 1 + 2 \cdot tg(\varphi) \cdot (1 - sen(\varphi))^2 \cdot \Theta \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$\text{dove: se } \frac{D}{B} \le 1 \Rightarrow \Theta = \frac{D}{B}, \text{ se } \frac{D}{B} > 1 \Rightarrow \Theta = arctg\left(\frac{D}{B}\right)$$

- se H è parallela al lato B si ha:

$$i_q = \left[1 - \frac{0.7 \cdot H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^3 \qquad i_\gamma = \left[1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)}\right]^3 \qquad i_c = \frac{i_q \cdot N_q - 1}{N_q - 1}$$

- se H è parallela al lato L si ha:

$$i_q = 1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)} \qquad i_\gamma = 1 - \frac{H}{V + A_f \cdot c_a \cdot ctg(\varphi)} \qquad i_c = \frac{i_q \cdot N_q - 1}{N_q - 1}$$

- se φ = 0 si ha:

$$s_q = 1.0 \quad s_\gamma = 1.0 \quad s_c = 1 + 0.2 \cdot \frac{B}{L}$$

$$d_q = 1.0 \qquad d_\gamma = 1.0 \qquad d_c = 1 + 0.4 \cdot \Theta$$

$$i_q = 1.0 \quad i_\gamma = 1.0 \quad i_c = 0.5 \cdot \left(1 + \sqrt{1 - \frac{H}{A_f \cdot c_a}}\right)$$

Si ricorda che per le relazioni sopra riportate nel caso in cui φ = 0 => $N_q = 1.0$, $N_\gamma = 1.0$ e $N_c = 2+\pi$.
Il significato dei termini presenti nelle relazioni su descritte è il seguente:

- V componente verticale del carico agente sulla fondazione
- H componente orizzontale del carico agente sulla fondazione (sia lungo B che lungo L)
- c_a adesione fondazione-terreno (valore variabile tra il 60% e 100% della coesione)
- α_1, α_2 esponenti di potenza che variano tra 2 e 5

Nel caso in cui il cuneo di fondazione sia interessato da falda idrica il valore di γ_2 nella formula trinomia assume la seguente espressione:

$$\gamma_2 = \frac{\gamma \cdot z + \gamma_{sat} \cdot (h_c - z)}{h_c} \qquad h_c = \frac{B}{2} \cdot tg\left(\frac{90 + \varphi}{2}\right)$$

dove i termini dell'espressione hanno il seguente significato:

- γ peso per unità di volume del terreno sottostante il piano di posa
- γ_{sat} peso per unità di volume saturo del terreno sottostante il piano di posa
- z profondità della falda dal piano di posa
- h_c altezza del cuneo di rottura della fondazione

Tutto ciò che è stato detto sopra è valido nell'ipotesi di terreno con caratteristiche geotecniche omogenee. Nella realtà i terreni costituenti il piano di posa delle fondazioni sono quasi sempre composti, o comunque riconducibili, a formazioni di terreno omogenee di spessore variabile che si sovrappongono (caso di terreni stratificati). In queste condizioni i parametri vengono determinati con la seguente procedura:

- viene determinata l'altezza del cuneo di rottura in funzione delle caratteristiche geotecniche degli strati attraversati; quindi si determinato il numero degli strati interessati da esso
- in corrispondenza di ogni superficie di separazione, partendo da quella immediatamente sottostante il piano di posa della fondazione, fino a raggiungere l'altezza del cuneo di rottura, viene determinata la capacità portante di ogni singolo strato come somma di due valori: il primo dato dall'applicazione della formula trinomia alla quota i-esima dello strato; il secondo dato dalla resistenza al punzonamento del terreno sovrastante lo strato in esame
- il minimo di questi due valori sarà assunto come valore massimo della capacità portante della fondazione stratificata

Si può formulare il procedimento anche in forma analitica:

$$q'_{ult} = \left[q''_{ult} + q_{resT}\right]_{\min} = \left[q''_{ult} + \frac{p}{A_f}\left(P_V \cdot K_s \cdot tg(\varphi) + d \cdot c\right)\right]_{\min}$$

dove i termini dell'espressione hanno il seguente significato:

- q''_{ult} carico limite per un'ipotetica fondazione posta alla quota dello strato interessato
- p perimetro della fondazione
- P_V spinta verticale del terreno dal piano di posa allo strato interessato
- K_S coefficiente di spinta laterale del terreno
- d distanza dal piano di posa allo strato interessato

CARICO LIMITE DI FONDAZIONI SUPERFICIALI SU ROCCIA

Per la determinazione del carico limite nel caso di presenza di ammasso roccioso bisogna valutare molto attentamente il grado di solidità della roccia stessa. Tale valutazione viene in genere eseguita stimando l'indice *RQD* (Rock Quality Designation) che rappresenta una misura della qualità di un ammasso roccioso. Tale indice può variare da un minimo di 0 (caso in cui la lunghezza dei pezzi di roccia estratti dal carotiere è inferiore a 100 mm) ad un massimo di 1 (caso in cui la carota risulta integra) ed è calcolato nel seguente modo:

$$RQD = \frac{\sum \text{lunghezze dei pezzi di roccia intatta} > 100\text{mm}}{\text{lunghezza del carotiere}}.$$

Se il valore di *RQD* è molto basso la roccia è molto fratturata ed il calcolo della capacità portante dell'ammasso roccioso va condotto alla stregua di un terreno sciolto utilizzando tutte le formulazioni sopra descritte.
Per ricavare la capacità portante di rocce non assimilabili ad ammassi di terreno sciolto sono state implementate due formulazioni: quella di Terzaghi (1943) e quella di Stagg-Zienkiewicz (1968), entrambe correlate all'indice RQD. In definitiva il valore della capacità portante sarà espresso dalla seguente relazione:

$$q'_{ult} = q''_{ult} \cdot RQD^2$$

dove i termini dell'espressione hanno il seguente significato:

- q'_{ult} carico limite dell'ammasso roccioso
- q''_{ult} carico limite calcolato alla Terzaghi o alla Stagg-Zienkiewicz

In questo caso l'equazione trinomia del carico limite assume la seguente forma:

$$q''_{ult} = \gamma_1 \cdot D \cdot N_q + c \cdot N_c \cdot s_c + \gamma_2 \cdot \frac{B}{2} \cdot N_\gamma \cdot s_\gamma.$$

I termini presenti nell'equazione hanno lo stesso significato già visto in precedenza; i coefficienti di forma assumeranno i seguenti valori:

$s_c = 1.0$ per fondazioni di tipo nastriforme $\qquad$ $s_c = 1.3$ per fondazioni di tipo quadrato;

$s_\gamma = 1.0$ per fondazioni di tipo nastriforme $\qquad$ $s_\gamma = 0.8$ per fondazioni di tipo quadrato.

I fattori adimensionali di portanza a seconda della formulazione adottata saranno:

Formulazione di Terzaghi (1943)

$$N_q = \frac{e^{2\cdot\left(0.75\cdot\pi-\frac{\varphi}{2}\right)\cdot tg(\varphi)}}{2\cdot\cos^2\left(\frac{90°+\varphi}{2}\right)} \qquad N_\gamma = \frac{tg(\varphi)}{2}\left(\frac{K_{p\gamma}}{\cos^2(\varphi)}-1\right) \qquad N_c = (N_q-1)\cdot ctg(\varphi)$$

$$\text{se } \varphi = 0 \Rightarrow N_c = 1.5\cdot\pi + 1$$

φ	**0**	**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	**45**	**50**
$K_{p\gamma}$	10.8	12.2	14.7	18.6	25.0	35.0	52.0	82.0	141.0	298.0	800.0

Formulazione di Stagg-Zienkiewicz (1968)

$$N_q = tg^6\left(\frac{90°+\varphi}{2}\right) \qquad N_\gamma = N_q + 1 \qquad N_c = 5\cdot tg^4\left(\frac{90°+\varphi}{2}\right)$$

VERIFICA A ROTTURA PER SCORRIMENTO DI FONDAZIONI SUPERFICIALI

Se il carico applicato alla base della fondazione non è normale alla stessa bisogna effettuare anche una verifica per rottura a scorrimento. Rispetto al collasso per scorrimento la resistenza offerta dal sistema fondale viene valutata come somma di due componenti: la prima derivante dall'attrito fondazione-terreno, la seconda derivante dall'adesione. In generale, oltre a queste due componenti, può essere tenuto in conto anche l'effetto della spinta passiva del terreno di ricoprimento esercita sulla fondazione fino ad un massimo del 30%. La formulazione analitica della verifica può essere esposta nel seguente modo:

$$T_{Sd} \le T_{Rd} = N_{Sd}\cdot tg(\delta) + A_f\cdot c_a + S_p\cdot f_{Sp}$$

dove i termini dell'espressione hanno il seguente significato:
- T_{Sd} componente orizzontale del carico agente sulla fondazione (sia lungo B che lungo L)
- N_{Sd} componente verticale del carico agente sulla fondazione
- c_a adesione fondazione-terreno (valore variabile tra il 60% e 100% della coesione)
- δ angolo d'attrito fondazione-terreno (valore variabile tra il 60% e 100% dell'angolo di attrito)
- S_p spinta passiva del terreno di ricoprimento della fondazione
- f_{Sp} percentuale di partecipazione della spinta passiva
- A_f superficie di contatto del piano di posa della fondazione

La verifica deve essere effettuata sia per componenti taglianti parallele alla base della fondazione che per quelle ortogonali.

DETERMINAZIONE DELLE TENSIONI INDOTTE NEL TERRENO

Ai fini del calcolo dei cedimenti è essenziale conoscere lo stato tensionale indotto nel terreno a varie profondità da un carico applicato in superficie. Tale determinazione viene eseguita ipotizzando che il terreno si comporti come un mezzo continuo, elastico-lineare, omogeneo e isotopo. Tale assunzione, utilizzata per la determinazione della variazione delle tensioni verticali dovuta all'applicazione di un carico in superficie, è confortata dalla letteratura (Morgenstern e Phukan) perché la non linearità del materiale poco influenza la distribuzione delle tensioni verticali. Per ottenere un profilo verticale di pressioni si possono utilizzare tre metodi di calcolo: quello di Boussinesq, quello di Westergaard oppure quello di Mindlin; tutti basati sulla teoria del continuo elastico. Il metodo di Westergaard differisce da quello di Boussinesq per la presenza del coefficiente di Poisson "u", quindi si adatta meglio ai terreni stratificati. Il metodo di Mindlin differisce dai primi due per la possibilità di posizionare il carico all'interno del continuo elastico mentre i primi due lo pongono esclusivamente sulla frontiera quindi si presta meglio al caso di fondazioni molto profonde. Nel caso di fondazioni poste sulla frontiera del continuo elastico il metodo di Mindlin risulta equivalente a quello di Boussinesq. Le espressioni analitiche dei tre metodi di calcolo sono:

$$\text{Boussinesq} \Rightarrow \Delta\sigma_v = \frac{3\cdot Q\cdot z^3}{2\cdot\pi\cdot\left(r^2+z^2\right)^{\frac{5}{2}}} \qquad \text{Westergaard} \Rightarrow \Delta\sigma_v = \frac{Q}{2\cdot\pi\cdot z^2}\cdot\frac{\sqrt{\frac{1-2\cdot\nu}{2-2\cdot\nu}}}{\left(\frac{1-2\cdot\nu}{2-2\cdot\nu}+\frac{r^2}{z^2}\right)^{\frac{3}{2}}}$$

dove i termini dell'espressioni hanno il seguente significato:
- Q carico puntiforme applicato sulla frontiera del mezzo
- r proiezione orizzontale della distanza del punto di applicazione del carico dal punto in esame
- z proiezione verticale della distanza del punto di applicazione del carico dal punto in esame

$$\text{Mindlin} \quad \Rightarrow \quad \Delta\sigma_v = \frac{Q}{8\cdot\pi\cdot(1-\nu)\cdot D^2}\left(-\frac{(1-2\cdot\nu)\cdot(\text{m}-1)}{A^3}+\frac{(1-2\cdot\nu)\cdot(\text{m}-1)}{B^3}-\frac{3\cdot(\text{m}-1)^3}{A^5}-\frac{30\cdot\text{m}\cdot(\text{m}+1)^3}{B^7}-\right.$$
$$\left.-\frac{3\cdot(3-4\cdot\nu)\cdot\text{m}\cdot(\text{m}+1)^2-3\cdot(\text{m}+1)\cdot(5\cdot\text{m}-1)}{B^5}\right)$$

$$\text{n}=\frac{r}{D}; \qquad \text{m}=\frac{z}{D}; \qquad A^2=\text{n}^2+(\text{m}-1)^2; \qquad B^2=\text{n}^2+(\text{m}+1)^2$$

dove i termini dell'espressioni hanno il seguente significato:
- *Q* carico puntiforme applicato sulla frontiera o all'interno del mezzo
- *D* proiezione verticale della distanza del punto di applicazione del carico dalla frontiera del mezzo
- *r* proiezione orizzontale della distanza del punto di applicazione del carico dal punto in esame
- *z* proiezione verticale della distanza del punto di applicazione del carico dal punto in esame

Basandosi sulle ben note equazioni ricavate per un carico puntiforme, l'algoritmo implementato esegue un integrazione delle equazioni di cui sopra lungo la verticale di ogni punto notevole degli elementi fondali estesa a tutte le aree di carico presenti sulla superficie del terreno; questo consente di determinare la variazione dello stato tensionale verticale "$\Delta\sigma_v$". Bisogna sottolineare che, nel caso di pressione, "*Q*" va definito come "pressione netta", ossia la pressione in eccesso rispetto a quella geostatica esistente che può essere sopportata con sicurezza alla profondità "D" del piano di posa delle fondazioni. Questo perché i cedimenti sono causati solo da incrementi netti di pressione che si aggiungono all'esistente pressione geostatica.

CALCOLO DEI CEDIMENTI DELLA FONDAZIONE

La determinazione dei cedimenti delle fondazioni assume una rilevanza notevole per il manufatto da realizzarsi, in special modo nella fase di esercizio. Nell'evolversi della fase di cedimento il terreno passa da uno stato di sforzo corrente dovuto al peso proprio ad uno nuovo dovuto all'effetto del carico addizionale applicato. Questa variazione dello stato tensionale produce una serie di movimenti di rotolamento e scorrimento relativo tra i granuli del terreno, nonché deformazioni elastiche e rotture delle particelle costituenti il mezzo localizzate in una limitata zona d'influenza a ridosso dell'area di carico. L'insieme di questi fenomeni costituisce il cedimento che nel caso in esame è verticale. Nonostante la frazione elastica sia modesta, l'esperienza ha dimostrato che ai fini del calcolo dei cedimenti modellare il terreno come materiale pseudoelastico permette di ottenere risultati soddisfacenti. In letteratura sono descritti diversi metodi per il calcolo dei cedimenti ma si ricorda che, qualunque sia il metodo di calcolo, la determinazione del valore del cedimento deve intendersi come la miglior stima delle deformazioni subite dal terreno da attendersi all'applicazione dei carichi. Nel seguito vengono descritte le teorie implementate:

Metodo edometrico, che si basa sulla nota relazione:

$$w_{ed}=\sum_{i=1}^{n}\frac{\Delta\sigma_{v,i}}{E_{ed,i}}\cdot\Delta z_i$$

dove i termini dell'espressioni hanno il seguente significato:
- $\Delta\sigma_{v,i}$ variazione dello stato tensionale verticale alla profondità "z_i" dello strato i-esimo per l'applicazione del carico
- $E_{ed,i}$ modulo edometrico del terreno relativo allo strato i-esimo
- Δz_i spessore dello strato i-esimo

Si ricorda che questo metodo si basa sull'ipotesi edometrica quindi l'accuratezza del risultato è maggiore quando il rapporto tra lo spessore dello strato deformabile e la dimensione in pianta delle fondazioni è ridotto, tuttavia il metodo edometrico consente una buona approssimazione anche nel caso di strati deformabili di spessore notevole.

Metodo dell'elasticità, che si basa sulle note relazioni:

$$w_{\text{Imp.}}=\sum_{i=1}^{n}\frac{\Delta\sigma_{v,i}}{E_i}\cdot\Delta z_i \qquad\qquad w_{\text{Lib.}}=\sum_{i=1}^{n}\frac{\Delta\sigma_{v,i}}{E_i}\cdot\frac{1-2\cdot\nu^2}{1-\nu}\cdot\Delta z_i$$

dove i termini dell'espressioni hanno il seguente significato:
- $w_{\text{Imp.}}$ cedimento in condizioni di deformazione laterale impedita
- $w_{\text{Lib.}}$ cedimento in condizioni di deformazione laterale libera
- $\Delta\sigma_{v,i}$ variazione stato tensionale verticale alla profondità "z_i" dello strato i-esimo per l'applicazione del carico

- E_i modulo elastico del terreno relativo allo strato i-esimo
- Δz_i spessore dello strato i-esimo

La doppia formulazione adottata consente di ottenere un intervallo di valori del cedimento elastico per la fondazione in esame (valore minimo per $w_{Imp.}$ e valore massimo per $w_{Lib.}$).

SIMBOLOGIA ADOTTATA NEI TABULATI DI CALCOLO

Per maggior chiarezza nella lettura dei tabulati di calcolo viene riportata la descrizione dei simboli principali utilizzati nella stesura degli stessi. Per comodità di lettura la legenda è suddivisa in paragrafi con la stessa modalità in cui sono stampati i tabulati di calcolo.

Dati geometrici degli elementi costituenti le fondazioni superficiali

per tipologie travi e plinti superficiali:
- Indice Strat. indice della stratigrafia associata all'elemento
- Prof. Fon. profondità del piano di posa dell'elemento a partire dal piano campagna
- Base larghezza della sezione trasversale dell'elemento
- Altezza altezza della sezione trasversale dell'elemento
- Lung. Elem. dimensione dello sviluppo longitudinale dell'elemento
- Lung. Travata nel caso l'elemento appartenga ad un macroelemento, rappresenta la dimensione dello sviluppo longitudinale del macroelemento

per tipologia platea:
- Indice Strat. indice della stratigrafia associata all'elemento
- Prof. Fon. profondità del piano di posa dell'elemento dal piano campagna
- Dia. Eq. diametro del cerchio equivalente alla superficie dell'elemento
- Spessore spessore dell'elemento
- Superficie superficie dell'elemento
- Vert. Elem. Numero dei vertici che costituiscono l'elemento
- Macro nel caso l'elemento appartenga ad un macroelemento, rappresenta il numero del macroelemento

Nel caso si avesse scelto di determinare la portanza anche per gli elementi platea è presente un ulteriore riga nella quale sono riportate le caratteristiche geometriche del plinto equivalente alla macro/platea in esame.

Dati di carico degli elementi costituenti le fondazioni superficiali

per tipologie travi e plinti superficiali:
- Cmb numero della combinazione di carico
- Tipologia tipologia della combinazione di carico
- Sismica flag per l'applicazione della riduzione sismica alle caratteristiche meccaniche del terreno di fondazione per la combinazione di carico in esame
- Ecc. B eccentricità del carico normale agente sul piano di fondazione in direzione parallela alla sezione trasversale dell'elemento
- Ecc. L eccentricità del carico normale agente sul piano di fondazione in direzione parallela allo sviluppo longitudinale dell'elemento
- S.Taglio B sforzo di taglio agente sul piano di fondazione in direzione parallela alla sezione trasversale dell'elemento
- S.Taglio L sforzo di taglio agente sul piano di fondazione in direzione parallela allo sviluppo longitudinale dell'elemento
- S.Normale carico normale agente sul piano di fondazione
- T.T.min minimo valore della distribuzione tensionale di contatto tra terreno ed elemento fondale
- T.T.max massimo valore della distribuzione tensionale di contatto tra terreno ed elemento fondale

per tipologia platea:
- Cmb numero della combinazione di carico
- Tipologia tipologia della combinazione di carico
- Sismica flag per l'applicazione della riduzione sismica alle caratteristiche meccaniche del terreno di fondazione per la combinazione di carico in esame
- Press. N1 tensione di contatto tra terreno e fondazione nel vertice n° 1 dell'elemento
- Press. N2 tensione di contatto tra terreno e fondazione nel vertice n° 2 dell'elemento

- Press. N3 tensione di contatto tra terreno e fondazione nel vertice n° 3 dell'elemento
- Press. N4 tensione di contatto tra terreno e fondazione nel vertice n° 4 dell'elemento
- S.Taglio X sforzo di taglio agente sul piano di fondazione in direzione parallela all'asse X del riferimento globale
- S.Taglio Y sforzo di taglio agente sul piano di fondazione in direzione parallela all'asse Y del riferimento globale

Nel caso si avesse scelto di determinare la portanza anche per gli elementi platea è presente un ulteriore riga nella quale sono riportate le macroazioni (integrale delle azioni applicate sui singoli elementi che compongono la platea) agenti sul plinto equivalente alla macro/platea in esame.

Valori di calcolo della portanza per fondazioni superficiali

- Cmb numero della combinazione di carico
- Qlim capacità portante totale data dalla somma di Qlim q, Qlim g, Qlim c e di Qres P (nel caso in cui si operi alle tensioni ammissibili corrisponde alla portanza ammissibile)
- Qlim q termine relativo al sovraccarico della formula trinomia per il calcolo della capacità portante (nel caso in cui si operi alle tensioni ammissibili corrisponde alla relativa parte della portanza ammissibile)
- Qlim g termine relativo alla larghezza della base di fondazione della formula trinomia per il calcolo della capacità portante (nel caso in cui si operi alle tensioni ammissibili corrisponde alla relativa parte della portanza ammissibile)
- Qlim c termine relativo alla coesione della formula trinomia per il calcolo della capacità portante (nel caso in cui si operi alle tensioni ammissibili corrisponde alla relativa parte della portanza ammissibile)
- Qres P termine relativo alla resistenza al punzonamento del terreno sovrastante lo strato di rottura. Diverso da zero solo nel caso di terreni stratificati dove lo strato di rottura è diverso dal primo (nel caso in cui si operi alle tensioni ammissibili corrisponde alla relativa parte della portanza ammissibile)
- Qmax / Qlim rapporto tra il massimo valore della distribuzione tensionale di contatto tra terreno ed elemento fondale ed il valore della capacità portante (verifica positiva se il rapporto è < 1.0).
- TBlim valore limite della resistenza a scorrimento in direzione parallela alla sezione trasversale dell'elemento
- TB / TBlim rapporto tra lo sforzo di taglio agente ed il valore limite della resistenza a scorrimento in direzione parallela alla sezione trasversale dell'elemento (verifica positiva se il rapporto è < 1.0)
- TLlim valore limite della resistenza a scorrimento in direzione parallela allo sviluppo longitudinale dell'elemento
- TL / TLlim rapporto tra lo sforzo di taglio agente ed il valore limite della resistenza a scorrimento in direzione parallela allo sviluppo longitudinale dell'elemento (verifica positiva se il rapporto è < 1.0)
- Sgm. Lt. tensione litostatica agente alla quota del piano di posa dell'elemento fondale

Nel caso si avesse scelto di determinare la portanza anche per gli elementi platea è presente un ulteriore riga nella quale sono riportate le verifiche di portanza del plinto equivalente alla macro/platea in esame.

Valori di calcolo dei cedimenti per fondazioni superficiali

- Cmb numero della combinazione di carico e tipologia
- Nodo vertice dell'elemento in cui viene calcolato il cedimento
- Car. Netto valore del carico netto applicato sulla superficie del terreno
- Cedimento/i valore del cedimento (nel caso di calcolo di cedimenti elastici i valori riportati sono due, il primo corrisponde al cedimento $w_{Imp.}$, mentre il secondo al cedimento $w_{Lib.}$)

PARAMETRI DI CALCOLO

Metodi di calcolo della portanza per fondazioni superficiali:
- Per terreni sciolti: Brinch - Hansen
- Per terreni lapidei: Terzaghi

Fattori utilizzati per il calcolo della portanza per fondazioni superficiali :
- Riduzione dimensioni per eccentricità: si
- Fattori di forma della fondazione: si
- Fattori di profondità del piano di posa: si
- Fattori di inclinazione del carico: si

- Fattori di punzonamento (Vesic): si
- Fattore riduzione effetto piastra (Bowles): si
- Fattore di riduzione dimensione Base equivalente platea: 20.0 %
- Fattore di riduzione dimensione Lunghezza equivalente platea: 20.0 %

Coefficienti parziali di sicurezza per Tensioni Ammissibili, SLE nel calcolo della portanza per fondazioni superficiali:
- Coeff. parziale di sicurezza Fc (statico): 2.50
- Coeff. parziale di sicurezza Fq (statico): 2.50
- Coeff. parziale di sicurezza Fg (statico): 2.50

Combinazioni di carico:
APPROCCIO PROGETTUALE TIPO 2 - Comb. (A1+M1+R3)

Coefficienti parziali di sicurezza per SLU nel calcolo della portanza per fondazioni superficiali :

I coeff. A1 risultano combinati secondo lo schema presente nella relazione di calcolo della struttura.

- Coeff. M1 per Tan ϕ (statico): 1
- Coeff. M1 per c' (statico): 1
- Coeff. M1 per Cu (statico): 1

- Coeff. R3 capacità portante (statico e sismico): 2.30
- Coeff. R3 scorrimento (statico e sismico): 1.10

Parametri per la verifica a scorrimento delle fondazioni superficiali:
- Fattore per l'adesione (6 < Ca < 10): 8
- Fattore per attrito terreno-fondazione (5 < Delta < 10): 7
- Frazione di spinta passiva fSp: 50.00 %
- Coeff. resistenza sulle sup. laterali: 1.30

Metodi e parametri per il calcolo dei cedimenti delle fondazioni superficiali:
- Metodo di calcolo tensioni superficiali: Boussinesq
- Modalità d'interferenza dei bulbi tensionali: sovrapposizione dei bulbi
- Metodo di calcolo dei cedimenti del terreno: cedimenti edometrici

ARCHIVIO STRATIGRAFIE

Indice / Descrizione: 001 / Nuova stratigrafia n. 2
Numero strati: 1
Profondità falda: assente

Strato n.	Quota di riferimento	Spessore	Indice / Descrizione terreno	Attrito Neg.
1	da 0.0 a -5000.0 cm	5000.0 cm	001 / Formazioni di Ollano: Arenarie e conglom	Assente

ARCHIVIO TERRENI

Indice / Descrizione terreno: **001 / Formazioni di Ollano: Arenarie e conglom**
Comportamento del terreno: litoide (roccia)

Peso Spec.	P. Spec. Sat.	Angolo Res.	Coesione	Mod.Elast.	Poisson	RQD	C. Ades.
daN/cmc	daN/cmc	Gradi°	daN/cmq	daN/cmq	%	%	
2.640 E-3	2.647 E-3	38.000	2.000	70000.000	0.278	30.0	1.00

DATI GEOMETRICI DEGLI ELEMENTI COSTITUENTI LE FONDAZIONI SUPERFICIALI

Elemento	Tipologia	Id.Strat.	Prof. Fon.	Dia. Eq.	Spessore	Superficie	Vertici	Macro
n.			cm	cm	cm	cm^2	n. per elem.	n.
Platea 1	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 2	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 3	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 4	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 5	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 6	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 25	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 26	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 27	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 28	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 29	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 30	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 49	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 50	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 51	Platea	001	400.000	47.163	400.000	1747.029	4	1

Platea 52	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 53	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 54	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 73	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 74	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 75	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 76	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 77	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 78	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 97	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 98	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 99	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 100	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 101	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 102	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 121	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 122	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 123	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 124	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 125	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 126	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 145	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 146	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 147	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 148	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 149	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 150	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 169	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 170	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 171	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 172	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 173	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 174	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 193	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 194	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 195	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 196	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 197	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 198	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 217	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 218	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 219	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 220	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 221	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 222	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 241	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 242	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 243	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 244	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 245	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 246	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 265	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 266	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 267	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 268	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 269	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 270	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 289	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 290	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 291	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 292	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 293	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 294	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 313	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 314	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 315	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 316	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 317	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 318	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 337	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 338	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 339	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 340	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 341	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 342	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 361	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 362	Platea	001	400.000	37.424	400.000	1099.981	4	1

Platea 363	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 364	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 365	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 366	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 385	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 386	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 387	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 388	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 389	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 390	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 409	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 410	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 411	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 412	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 413	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 414	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 433	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 434	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 435	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 436	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 437	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 438	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 457	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 458	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 459	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 460	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 461	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 462	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 481	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 482	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 483	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 484	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 485	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 486	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 505	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 506	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 507	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 508	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 509	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 510	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 529	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 530	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 531	Platea	001	400.000	47.163	400.000	1747.028	4	1
Platea 532	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 533	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 534	Platea	001	400.000	60.752	400.000	2898.772	4	1
Platea 553	Platea	001	400.000	24.355	400.000	465.874	3	1
Platea 554	Platea	001	400.000	37.424	400.000	1099.981	4	1
Platea 555	Platea	001	400.000	47.163	400.000	1747.029	4	1
Platea 556	Platea	001	400.000	55.211	400.000	2394.076	4	1
Platea 557	Platea	001	400.000	62.226	400.000	3041.124	4	1
Platea 558	Platea	001	400.000	60.752	400.000	2898.773	4	1
Platea 151	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 175	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 199	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 55	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 223	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 247	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 271	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 295	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 79	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 319	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 343	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 367	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 7	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 391	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 103	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 415	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 439	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 463	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 31	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 487	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 127	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 511	Platea	001	400.000	73.178	350.000	4205.809	4	2
Platea 535	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 559	Platea	001	400.000	73.178	350.000	4205.810	4	2
Platea 176	Platea	001	400.000	78.606	332.350	4852.857	4	3

Platea 200	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 56	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 224	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 248	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 272	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 152	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 296	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 80	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 320	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 344	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 368	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 8	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 392	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 104	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 416	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 440	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 464	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 32	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 488	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 128	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 512	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 536	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 560	Platea	001	400.000	78.606	332.350	4852.857	4	3
Platea 201	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 57	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 225	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 249	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 273	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 297	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 153	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 177	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 81	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 321	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 345	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 369	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 9	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 393	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 105	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 417	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 441	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 465	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 33	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 489	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 129	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 513	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 537	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 561	Platea	001	400.000	83.682	314.700	5499.905	4	4
Platea 58	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 226	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 250	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 274	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 298	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 82	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 154	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 178	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 202	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 322	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 346	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 370	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 10	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 394	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 106	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 418	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 442	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 466	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 34	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 490	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 130	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 514	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 538	Platea	001	400.000	88.468	297.050	6146.953	4	5
Platea 562	Platea	001	400.000	88.468	297.050	6146.952	4	5
Platea 251	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea 275	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea 59	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea 299	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea 83	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea 323	Platea	001	400.000	93.007	279.400	6794.001	4	6

Platea	155	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	179	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	203	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	227	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	347	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	371	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	11	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	395	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	107	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	419	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	443	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	467	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	35	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	491	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	131	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	515	Platea	001	400.000	93.007	279.400	6793.998	4	6
Platea	539	Platea	001	400.000	93.007	279.400	6794.001	4	6
Platea	563	Platea	001	400.000	93.007	279.400	6794.000	4	6
Platea	276	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	300	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	60	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	84	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	324	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	348	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	156	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	180	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	204	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	228	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	252	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	372	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	12	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	396	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	108	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	420	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	444	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	468	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	36	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	492	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	132	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	516	Platea	001	400.000	97.336	261.750	7441.048	4	7
Platea	540	Platea	001	400.000	97.336	261.750	7441.045	4	7
Platea	564	Platea	001	400.000	97.336	261.750	7441.046	4	7
Platea	301	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	13	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	325	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	85	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	61	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	349	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	37	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	373	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	157	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	181	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	205	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	229	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	253	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	277	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	397	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	421	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	109	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	445	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	469	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	493	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	517	Platea	001	400.000	101.480	244.100	8088.096	4	8
Platea	133	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	541	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	565	Platea	001	400.000	101.480	244.100	8088.098	4	8
Platea	326	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	86	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	14	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	350	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	38	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	62	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	374	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	302	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	158	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	182	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	206	Platea	001	400.000	105.461	226.450	8735.144	4	9

Platea	230	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	254	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	278	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	398	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	422	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	110	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	446	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	470	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	494	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	518	Platea	001	400.000	105.461	226.450	8735.144	4	9
Platea	134	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	542	Platea	001	400.000	105.461	226.450	8735.141	4	9
Platea	566	Platea	001	400.000	105.461	226.450	8735.140	4	9
Platea	87	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	351	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	375	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	63	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	15	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	39	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	303	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	327	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	399	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	159	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	183	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	207	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	231	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	255	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	279	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	423	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	111	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	447	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	471	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	495	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	519	Platea	001	400.000	109.297	208.800	9382.188	4	10
Platea	135	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	543	Platea	001	400.000	109.297	208.800	9382.194	4	10
Platea	567	Platea	001	400.000	109.297	208.800	9382.193	4	10
Platea	40	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	376	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	88	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	64	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	16	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	400	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	160	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	184	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	208	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	232	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	256	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	280	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	304	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	328	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	352	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	424	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	112	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	448	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	472	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	496	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	520	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	136	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	544	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	568	Platea	001	400.000	113.003	191.150	10029.240	4	11
Platea	89	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	401	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	65	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	17	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	41	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	425	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	305	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	329	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	353	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	377	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	113	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	161	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	185	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	209	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	233	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	257	Platea	001	400.000	116.591	173.500	10676.280	4	12

Platea	281	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	449	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	473	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	497	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	521	Platea	001	400.000	116.591	173.500	10676.290	4	12
Platea	137	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	545	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	569	Platea	001	400.000	116.591	173.500	10676.280	4	12
Platea	426	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	18	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	66	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	114	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	90	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	42	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	306	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	330	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	354	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	378	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	402	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	450	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	162	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	186	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	210	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	234	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	258	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	282	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	474	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	498	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	522	Platea	001	400.000	120.072	155.850	11323.330	4	13
Platea	138	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	546	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	570	Platea	001	400.000	120.072	155.850	11323.340	4	13
Platea	91	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	67	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	451	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	115	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	43	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	19	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	307	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	331	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	355	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	379	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	403	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	427	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	475	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	163	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	187	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	211	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	235	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	259	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	283	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	499	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	523	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	547	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	139	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	571	Platea	001	400.000	123.455	138.200	11970.380	4	14
Platea	116	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	92	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	20	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	44	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	476	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	68	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	164	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	188	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	212	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	236	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	260	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	284	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	308	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	332	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	356	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	380	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	404	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	428	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	452	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	500	Platea	001	400.000	126.748	120.550	12617.420	4	15
Platea	524	Platea	001	400.000	126.748	120.550	12617.420	4	15

Platea	548	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	140	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	572	Platea	001	400.000	126.748	120.550	12617.430	4	15
Platea	45	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	21	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	117	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	69	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	93	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	501	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	165	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	189	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	213	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	237	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	261	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	285	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	309	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	333	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	357	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	381	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	405	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	429	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	453	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	477	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	525	Platea	001	400.000	129.957	102.900	13264.480	4	16
Platea	549	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	141	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	573	Platea	001	400.000	129.957	102.900	13264.470	4	16
Platea	22	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	46	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	166	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	190	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	214	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	238	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	262	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	286	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	70	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	118	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	94	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	526	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	310	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	334	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	358	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	382	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	406	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	430	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	454	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	478	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	502	Platea	001	400.000	133.089	85.250	13911.520	4	17
Platea	550	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	142	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	574	Platea	001	400.000	133.089	85.250	13911.530	4	17
Platea	23	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	47	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	95	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	167	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	191	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	215	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	239	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	263	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	287	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	311	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	335	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	359	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	383	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	407	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	431	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	119	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	71	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	551	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	455	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	479	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	503	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	527	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	143	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	575	Platea	001	400.000	136.149	67.600	14558.570	4	18
Platea	120	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea	24	Platea	001	400.000	139.142	50.000	15205.620	4	19

Platea 72	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 96	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 48	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 144	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 168	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 192	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 216	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 240	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 264	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 288	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 312	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 336	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 360	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 384	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 408	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 432	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 456	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 480	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 504	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 528	Platea	001	400.000	139.142	50.000	15205.620	4	19
Platea 552	Platea	001	400.000	139.142	50.000	15205.610	4	19
Platea 576	Platea	001	400.000	139.142	50.000	15205.620	4	19

Elemento	**Tipologia**	**Id.Strat.**	**Prof. Fon.**	**Base Eq.**	**Spessore**	**Lung. Eq.**	**Lung. Travata Eq.**
n.			cm	cm	cm	cm	cm
Macro n. 1	Macro-Platea	001	400.000	422.961	400.000	422.961	422.961
Macro n. 2	Macro-Platea	001	400.000	254.168	350.000	254.168	254.168
Macro n. 3	Macro-Platea	001	400.000	273.020	332.350	273.020	273.020
Macro n. 4	Macro-Platea	001	400.000	290.652	314.700	290.652	290.652
Macro n. 5	Macro-Platea	001	400.000	307.274	297.050	307.274	307.274
Macro n. 6	Macro-Platea	001	400.000	323.042	279.400	323.042	323.042
Macro n. 7	Macro-Platea	001	400.000	338.075	261.750	338.075	338.075
Macro n. 8	Macro-Platea	001	400.000	352.467	244.100	352.467	352.467
Macro n. 9	Macro-Platea	001	400.000	366.295	226.450	366.295	366.295
Macro n. 10	Macro-Platea	001	400.000	379.619	208.800	379.619	379.619
Macro n. 11	Macro-Platea	001	400.000	392.491	191.150	392.491	392.491
Macro n. 12	Macro-Platea	001	400.000	404.954	173.500	404.954	404.954
Macro n. 13	Macro-Platea	001	400.000	417.045	155.850	417.045	417.045
Macro n. 14	Macro-Platea	001	400.000	428.795	138.200	428.795	428.795
Macro n. 15	Macro-Platea	001	400.000	440.231	120.550	440.231	440.231
Macro n. 16	Macro-Platea	001	400.000	451.378	102.900	451.378	451.378
Macro n. 17	Macro-Platea	001	400.000	462.257	85.250	462.257	462.257
Macro n. 18	Macro-Platea	001	400.000	472.884	67.600	472.884	472.884
Macro n. 19	Macro-Platea	001	400.000	483.279	50.000	483.279	483.279

VALORI DI CALCOLO DELLA PORTANZA PER FONDAZIONI SUPERFICIALI

I coeff. A1 risultano combinati secondo lo schema presente nella relazione di calcolo della struttura. Le azioni trasmesse in fondazione, relative alle combinazioni di tipo sismico, non saranno amplificate in quanto determinate ipotizzando un comportamento non dissipativo.
La verifica nei confronti dello Stato Limite di Danno viene eseguita determinando il carico limite della fondazione per le corrispondenti azioni di SLD, impiegando i coefficienti parziali gammaR di cui alla tabella 7.11.II.

N.B. La relazione è redatta in forma sintetica. Verranno riportati solo i casi maggiormente gravosi per ogni tipo di combinazione e le relative verifiche.

Macro platea: 1
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.2840 + 0.0000
Qmax / Qlim = 3.0667 / 11.7115 = 0.262 Ok (Cmb. n. 002)
TB / TBlim = 92545.0 / 508019.2 = 0.182 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 508019.2 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-802.641	0.000	92545.0	0.0	-544345.8	16.7863	-20.6495
002	SLU STR	No	-477.826	0.000	55527.0	0.0	-548627.2	9.2839	-13.1776

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.1813 + 0.0000
Qmax / Qlim = 2.3541 / 10.7746 = 0.218 Ok (Cmb. n. 006)

TB / TBlim = 61696.7 / 450633.2 = 0.137 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 450633.2 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-696.352	0.000	61696.7	0.0	-418288.8	10.9944	-13.9629
006	SLE rare	No	-414.980	0.000	37018.0	0.0	-421142.8	5.9927	-8.9816

Macro platea: 2
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 0.7716 + 0.0000
Qmax / Qlim = 4.5026 / 11.1991 = 0.402 Ok (Cmb. n. 002)
TB / TBlim = 50157.5 / 225249.8 = 0.223 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 194083.1 = 0.000 Ok (Cmb. n. 004)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1501.723	0.000	50157.5	0.0	-288385.8	24.9994	-30.9182
002	SLU STR	No	-893.334	0.000	30094.5	0.0	-290871.2	13.7913	-19.7593
004	SLU STR	No	-221.883	0.000	4107.4	0.0	-219923.4	0.8928	-5.4078

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.7099 + 0.0000
Qmax / Qlim = 3.4556 / 10.3032 = 0.335 Ok (Cmb. n. 006)
TB / TBlim = 33438.3 / 194837.4 = 0.172 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 194837.4 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-1302.991	0.000	33438.3	0.0	-221580.3	16.3653	-20.9131
006	SLE rare	No	-775.991	0.000	20063.0	0.0	-223237.2	8.8932	-13.4739

Macro platea: 3
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 0.8288 + 0.0000
Qmax / Qlim = 3.9280 / 11.2563 = 0.349 Ok (Cmb. n. 002)
TB / TBlim = 50750.7 / 240489.1 = 0.211 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 240489.1 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1664.953	0.000	50750.7	0.0	-290105.9	20.8594	-26.0095
002	SLU STR	No	-989.816	0.000	30450.4	0.0	-292789.5	11.4626	-16.6587

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.7625 + 0.0000
Qmax / Qlim = 3.0141 / 10.3558 = 0.291 Ok (Cmb. n. 006)
TB / TBlim = 33833.8 / 209886.8 = 0.161 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 209886.8 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-1444.740	0.000	33833.8	0.0	-222883.3	13.6445	-17.6014
006	SLE rare	No	-859.942	0.000	20300.3	0.0	-224672.3	7.3800	-11.3676

Macro platea: 4
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 0.8823 + 0.0000
Qmax / Qlim = 3.4669 / 11.3098 = 0.307 Ok (Cmb. n. 002)
TB / TBlim = 51035.3 / 254895.7 = 0.200 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 254895.7 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1797.751	0.000	51035.3	0.0	-289996.9	17.4808	-22.0143
002	SLU STR	No	-1068.036	0.000	30621.2	0.0	-292879.1	9.5600	-14.1370

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.8117 + 0.0000
Qmax / Qlim = 2.6599 / 10.4051 = 0.256 Ok (Cmb. n. 006)
TB / TBlim = 34023.5 / 224295.5 = 0.152 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 224295.5 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1560.119	0.000	34023.5	0.0	-222778.9	11.4236	-14.9065
006	SLE rare	No	-928.067	0.000	20414.1	0.0	-224700.3	6.1431	-9.6549

Macro platea: 5
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 0.9328 + 0.0000
Qmax / Qlim = 3.1001 / 11.3603 = 0.273 Ok (Cmb. n. 002)
TB / TBlim = 51227.0 / 269173.6 = 0.190 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 269173.6 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-1890.394	0.000	51227.0	0.0	-289605.1	14.6578	-18.7000
002	SLU STR	No	-1122.251	0.000	30736.2	0.0	-292698.1	7.9654	-12.0493

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.8582 + 0.0000
Qmax / Qlim = 2.3779 / 10.4515 = 0.228 Ok (Cmb. n. 006)
TB / TBlim = 34151.4 / 238604.6 = 0.143 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 238604.6 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1640.679	0.000	34151.4	0.0	-222455.8	9.5667	-12.6719
006	SLE rare	No	-975.366	0.000	20490.8	0.0	-224517.9	5.1051	-8.2380

Macro platea: 6
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 0.9807 + 0.0000
Qmax / Qlim = 2.7901 / 11.4082 = 0.245 Ok (Cmb. n. 002)
TB / TBlim = 51078.3 / 282833.9 = 0.181 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 282833.9 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-1933.957	0.000	51078.3	0.0	-287856.8	12.1568	-15.7834
002	SLU STR	No	-1147.217	0.000	30647.0	0.0	-291158.3	6.5487	-10.2154

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.9022 + 0.0000
Qmax / Qlim = 2.1397 / 10.4955 = 0.204 Ok (Cmb. n. 006)
TB / TBlim = 34052.2 / 252439.0 = 0.135 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 252439.0 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1678.662	0.000	34052.2	0.0	-221089.9	7.9206	-10.7062
006	SLE rare	No	-997.270	0.000	20431.3	0.0	-223290.7	4.1819	-6.9942

Macro platea: 7
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.0263 + 0.0000
Qmax / Qlim = 2.5410 / 11.4538 = 0.222 Ok (Cmb. n. 002)
TB / TBlim = 50917.8 / 296851.0 = 0.172 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 296851.0 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2

001	SLU STR	No	-1921.903	0.000	50917.8	0.0	-286892.4	9.9772	-13.2684
002	SLU STR	No	-1139.142	0.000	30550.7	0.0	-290418.4	5.3085	-8.6388

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.9442 + 0.0000
Qmax / Qlim = 1.9483 / 10.5375 = 0.185 Ok (Cmb. n. 006)
TB / TBlim = 33945.2 / 266546.8 = 0.127 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 266546.8 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1668.384	0.000	33945.2	0.0	-220324.7	6.4847	-9.0124
006	SLE rare	No	-990.463	0.000	20367.1	0.0	-222675.5	3.3722	-5.9260

Macro platea: 8
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.0700 + 0.0000
Qmax / Qlim = 2.3351 / 11.4975 = 0.203 Ok (Cmb. n. 002)
TB / TBlim = 50630.9 / 311052.9 = 0.163 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 311052.9 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-1850.606	0.000	50630.9	0.0	-286333.5	8.0372	-11.0501
002	SLU STR	No	-1095.972	0.000	30378.5	0.0	-290093.4	4.2005	-7.2518

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 0.9844 + 0.0000
Qmax / Qlim = 1.7900 / 10.5777 = 0.169 Ok (Cmb. n. 006)
TB / TBlim = 33753.9 / 280796.5 = 0.120 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 280796.5 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1606.672	0.000	33753.9	0.0	-219870.8	5.2056	-7.5193
006	SLE rare	No	-953.136	0.000	20252.4	0.0	-222377.6	2.6478	-4.9871

Macro platea: 9
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.1120 + 0.0000
Qmax / Qlim = 2.1656 / 11.5395 = 0.188 Ok (Cmb. n. 002)
TB / TBlim = 50238.1 / 325610.8 = 0.154 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 325610.8 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-1720.015	0.000	50238.1	0.0	-286556.9	6.3083	-9.0910
002	SLU STR	No	-1017.790	0.000	30142.9	0.0	-290560.2	3.2096	-6.0300

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.0230 + 0.0000
Qmax / Qlim = 1.6597 / 10.6163 = 0.156 Ok (Cmb. n. 006)
TB / TBlim = 33492.1 / 295319.5 = 0.113 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 295794.2 = 0.000 Ok (Cmb. n. 007)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1493.462	0.000	33492.1	0.0	-220017.7	4.0648	-6.2014
006	SLE rare	No	-885.337	0.000	20095.2	0.0	-222686.7	1.9989	-4.1608
007	SLE rare	No	-891.851	0.000	20095.2	0.0	-221060.3	2.0066	-4.1531

Macro platea: 10
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.1524 + 0.0000
Qmax / Qlim = 2.0324 / 11.5799 = 0.176 Ok (Cmb. n. 002)
TB / TBlim = 49890.3 / 341004.7 = 0.146 Ok (Cmb. n. 001)

TL / TLlim = 0.0 / 341763.6 = 0.000 Ok (Cmb. n. 003)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1535.019	0.000	49890.3	0.0	-288616.5	4.7866	-7.3867
002	SLU STR	No	-907.591	0.000	29934.2	0.0	-292884.3	2.3332	-4.9707
003	SLU STR	No	-915.722	0.000	29934.2	0.0	-290283.7	2.3446	-4.9593

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.0602 + 0.0000
Qmax / Qlim = 1.5573 / 10.6535 = 0.146 Ok (Cmb. n. 006)
TB / TBlim = 33260.2 / 310484.8 = 0.107 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 310484.8 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-1332.978	0.000	33260.2	0.0	-221575.0	3.0596	-5.0559
006	SLE rare	No	-789.647	0.000	19956.1	0.0	-224420.2	1.4240	-3.4452

Macro platea: 11
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.1915 + 0.0000
Qmax / Qlim = 1.9203 / 11.6190 = 0.165 Ok (Cmb. n. 002)
TB / TBlim = 49347.3 / 356678.8 = 0.138 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 357484.6 = 0.000 Ok (Cmb. n. 003)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1305.181	0.000	49347.3	0.0	-291291.9	3.4351	-5.8809
002	SLU STR	No	-771.113	0.000	29608.4	0.0	-295823.5	1.5534	-4.0363
003	SLU STR	No	-778.379	0.000	29608.4	0.0	-293062.0	1.5647	-4.0249

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.0962 + 0.0000
Qmax / Qlim = 1.4711 / 10.6895 = 0.138 Ok (Cmb. n. 006)
TB / TBlim = 32898.2 / 325865.5 = 0.101 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 325865.5 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-1133.509	0.000	32898.2	0.0	-223605.9	2.1666	-4.0441
006	SLE rare	No	-671.039	0.000	19738.9	0.0	-226627.0	0.9121	-2.8144

Macro platea: 12
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.2293 + 0.0000
Qmax / Qlim = 1.8359 / 11.6568 = 0.157 Ok (Cmb. n. 002)
TB / TBlim = 48876.9 / 373392.9 = 0.131 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 374249.5 = 0.000 Ok (Cmb. n. 003)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
001	SLU STR	No	-1044.230	0.000	48876.9	0.0	-296251.8	2.2678	-4.5957
002	SLU STR	No	-616.514	0.000	29326.1	0.0	-301068.7	0.8766	-3.2415
003	SLU STR	No	-622.583	0.000	29326.1	0.0	-298133.4	0.8879	-3.2302

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.1310 + 0.0000
Qmax / Qlim = 1.4062 / 10.7243 = 0.131 Ok (Cmb. n. 006)
TB / TBlim = 32584.6 / 342045.2 = 0.095 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 342045.2 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb n.	Tipo	Sism.	Ecc. B cm	Ecc. L cm	S. Taglio B daN	S. Taglio L daN	S. Normale daN	T.T. min daN/cm^2	T.T. max daN/cm^2
005	SLE rare	No	-906.966	0.000	32584.6	0.0	-227391.9	1.3944	-3.1813
006	SLE rare	No	-536.601	0.000	19550.8	0.0	-230603.2	0.4669	-2.2785

Macro platea: 13
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.2660 + 0.0000
Qmax / Qlim = 1.7666 / 11.6935 = 0.151 Ok (Cmb. n. 002)
TB / TBlim = 48249.3 / 390537.3 = 0.124 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 390537.3 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-769.033	0.000	48249.3	0.0	-302156.7	1.2655	-3.4959
002	SLU STR	No	-453.761	0.000	28949.6	0.0	-307256.4	0.2947	-2.5622

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.1647 + 0.0000
Qmax / Qlim = 1.3529 / 10.7580 = 0.126 Ok (Cmb. n. 006)
TB / TBlim = 32166.2 / 358556.1 = 0.090 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 358556.1 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-667.999	0.000	32166.2	0.0	-231905.2	0.7312	-2.4431
006	SLE rare	No	-395.008	0.000	19299.7	0.0	-235305.0	0.0840	-1.8206

Macro platea: 14
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.3017 + 0.0000
Qmax / Qlim = 1.7184 / 11.7292 = 0.147 Ok (Cmb. n. 002)
TB / TBlim = 47715.0 / 408815.2 = 0.117 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 408815.2 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-497.898	0.000	47715.0	0.0	-310551.6	0.4321	-2.5931
002	SLU STR	No	-293.630	0.000	28629.0	0.0	-315954.9	-0.1915	-2.0066

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.1976 + 0.0000
Qmax / Qlim = 1.3158 / 10.7909 = 0.122 Ok (Cmb. n. 006)
TB / TBlim = 31810.0 / 375937.9 = 0.085 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 375937.9 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-432.515	0.000	31810.0	0.0	-238331.7	0.1791	-1.8376
006	SLE rare	No	-255.645	0.000	19086.0	0.0	-241933.8	-0.2366	-1.4467

Macro platea: 15
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.3364 + 0.0000
Qmax / Qlim = 1.6842 / 11.7639 = 0.143 Ok (Cmb. n. 002)
TB / TBlim = 47175.4 / 427890.4 = 0.110 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 427890.4 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-248.474	0.000	47175.4	0.0	-320697.9	-0.2423	-1.8685
002	SLU STR	No	-146.474	0.000	28305.2	0.0	-326412.3	-0.5861	-1.5619

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.2295 + 0.0000
Qmax / Qlim = 1.2895 / 10.8228 = 0.119 Ok (Cmb. n. 006)
TB / TBlim = 31450.3 / 393932.6 = 0.080 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 393932.6 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2

005	SLE rare	No	-215.857	0.000	31450.3	0.0	-246104.6	-0.2678	-1.3520
006	SLE rare	No	-127.540	0.000	18870.2	0.0	-249914.3	-0.4971	-1.1476

Macro platea: 16
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.3703 + 0.0000
Qmax / Qlim = 1.6615 / 11.7978 = 0.141 Ok (Cmb. n. 002)
TB / TBlim = 46652.8 / 447716.3 = 0.104 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 447716.3 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	-35.261	0.000	46652.8	0.0	-332493.2	-0.7646	-1.3119
002	SLU STR	No	-20.779	0.000	27991.7	0.0	-338524.8	-0.8927	-1.2211

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.2606 + 0.0000
Qmax / Qlim = 1.2720 / 10.8539 = 0.117 Ok (Cmb. n. 006)
TB / TBlim = 31101.9 / 412504.6 = 0.075 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 412504.6 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-30.633	0.000	31101.9	0.0	-255145.3	-0.6143	-0.9791
006	SLE rare	No	-18.095	0.000	18661.1	0.0	-259166.4	-0.6997	-0.9186

Macro platea: 17
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.4033 + 0.0000
Qmax / Qlim = 1.6439 / 11.8308 = 0.139 Ok (Cmb. n. 002)
TB / TBlim = 46068.6 / 467831.8 = 0.098 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 467831.8 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	132.617	0.000	46068.6	0.0	-344924.3	-0.6550	-1.4273
002	SLU STR	No	78.134	0.000	27641.1	0.0	-351262.1	-0.8287	-1.2920

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.2910 + 0.0000
Qmax / Qlim = 1.2584 / 10.8843 = 0.116 Ok (Cmb. n. 006)
TB / TBlim = 30712.4 / 431299.8 = 0.071 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 431299.8 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	115.217	0.000	30712.4	0.0	-264676.3	-0.5415	-1.0563
006	SLE rare	No	68.044	0.000	18427.4	0.0	-268901.6	-0.6572	-0.9662

Macro platea: 18
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.4355 + 0.0000
Qmax / Qlim = 1.6360 / 11.8630 = 0.138 Ok (Cmb. n. 002)
TB / TBlim = 45688.6 / 488781.5 = 0.093 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 489965.6 = 0.000 Ok (Cmb. n. 003)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	255.048	0.000	45688.6	0.0	-359188.5	-0.4865	-1.5874
002	SLU STR	No	150.244	0.000	27413.2	0.0	-365847.5	-0.7260	-1.3865
003	SLU STR	No	151.929	0.000	27413.2	0.0	-361789.7	-0.7142	-1.3748

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.3207 + 0.0000
Qmax / Qlim = 1.2524 / 10.9140 = 0.115 Ok (Cmb. n. 006)
TB / TBlim = 30459.1 / 450736.0 = 0.068 Ok (Cmb. n. 005)

TL / TLlim = 0.0 / 450736.0 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	221.589	0.000	30459.1	0.0	-275615.9	-0.4287	-1.1626
006	SLE rare	No	130.846	0.000	18275.4	0.0	-280055.2	-0.5884	-1.0287

Macro platea: 19
Risultati più gravosi per cmb. di tipo **SLU STR**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.8843 + 2.5432 + 1.4671 + 0.0000
Qmax / Qlim = 1.6311 / 11.8946 = 0.137 Ok (Cmb. n. 002)
TB / TBlim = 45496.7 / 509968.3 = 0.089 Ok (Cmb. n. 001)
TL / TLlim = 0.0 / 509968.3 = 0.000 Ok (Cmb. n. 001)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
001	SLU STR	No	345.788	0.000	45496.7	0.0	-373973.4	-0.3693	-1.6982
002	SLU STR	No	203.672	0.000	27298.0	0.0	-380951.6	-0.6544	-1.4517

Risultati più gravosi per cmb. di tipo **SLE rare**:
Sgm. Lt (tens. litostatica) = -1.0560 daN/cm^2
Qlim = Qlim c + Qlim q + Qlim g + Qres P = 7.2536 + 2.3397 + 1.3497 + 0.0000
Qmax / Qlim = 1.2485 / 10.9430 = 0.114 Ok (Cmb. n. 006)
TB / TBlim = 30331.1 / 470354.7 = 0.064 Ok (Cmb. n. 005)
TL / TLlim = 0.0 / 470354.7 = 0.000 Ok (Cmb. n. 005)
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	300.430	0.000	30331.1	0.0	-286956.1	-0.3502	-1.2362
006	SLE rare	No	177.382	0.000	18198.7	0.0	-291608.3	-0.5403	-1.0719

VALORI DI CALCOLO DEI CEDIMENTI PER FONDAZIONI SUPERFICIALI

Elemento: Platea 1
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-696.352	0.000	61696.7	0.0	-418288.8	10.9944	-13.9629
008	SLE freq	No	-140.227	0.000	12339.3	0.0	-415434.2	1.0216	-3.9698

Cedimento massimo = -0.124 cm in Cmb n. 005
Cedimento minimo = -0.002 cm in Cmb n. 008

Elemento: Platea 151
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1302.991	0.000	33438.3	0.0	-221580.3	16.3653	-20.9131
008	SLE freq	No	-262.562	0.000	6687.7	0.0	-219923.3	1.4704	-5.9853

Cedimento massimo = -0.126 cm in Cmb n. 005
Cedimento minimo = -0.002 cm in Cmb n. 008

Elemento: Platea 176
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1444.740	0.000	33833.8	0.0	-222883.3	13.6445	-17.6014
008	SLE freq	No	-291.286	0.000	6766.8	0.0	-221094.2	1.1615	-5.0877

Cedimento massimo = -0.126 cm in Cmb n. 005
Cedimento minimo = -0.002 cm in Cmb n. 008

Elemento: Platea 201
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1560.119	0.000	34023.5	0.0	-222778.9	11.4236	-14.9065
008	SLE freq	No	-314.738	0.000	6804.7	0.0	-220857.4	0.9061	-4.3599

Cedimento massimo = -0.121 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 008

Elemento: Platea 58
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1640.679	0.000	34151.4	0.0	-222455.8	9.5667	-12.6719
010	SLE freq	No	0.000	0.000	0.0	0.0	-220393.8	-1.4492	-1.5387

Cedimento massimo = -0.113 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 251
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1678.662	0.000	34052.2	0.0	-221089.9	7.9206	-10.7062
009	SLE freq	No	0.000	0.000	0.0	0.0	-219769.4	-1.3109	-1.3847

Cedimento massimo = -0.103 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 009

Elemento: Platea 276
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1668.384	0.000	33945.2	0.0	-220324.7	6.4847	-9.0124
009	SLE freq	No	0.000	0.000	0.0	0.0	-218914.3	-1.1956	-1.2560

Cedimento massimo = -0.093 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 009

Elemento: Platea 301
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1606.672	0.000	33753.9	0.0	-219870.8	5.2056	-7.5193
010	SLE freq	No	0.000	0.000	0.0	0.0	-217364.3	-1.0955	-1.1441

Cedimento massimo = -0.081 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 326
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1493.462	0.000	33492.1	0.0	-220017.7	4.0648	-6.2014
010	SLE freq	No	0.000	0.000	0.0	0.0	-217348.9	-1.0178	-1.0558

Cedimento massimo = -0.072 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 87
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1332.978	0.000	33260.2	0.0	-221575.0	3.0596	-5.0559
010	SLE freq	No	0.000	0.000	0.0	0.0	-218729.9	-0.9571	-0.9856

Cedimento massimo = -0.062 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 40
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-1133.509	0.000	32898.2	0.0	-223605.9	2.1666	-4.0441
010	SLE freq	No	0.000	0.000	0.0	0.0	-220584.8	-0.9065	-0.9264

Cedimento massimo = -0.053 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 89
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max
n.			cm	cm	daN	daN	daN	daN/cm^2	daN/cm^2
005	SLE rare	No	-906.966	0.000	32584.6	0.0	-227391.9	1.3944	-3.1813
010	SLE freq	No	0.000	0.000	0.0	0.0	-224180.6	-0.8688	-0.8811

Cedimento massimo = -0.044 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 426
Sollecitazioni:

Cmb	Tipo	Sism.	Ecc. B	Ecc. L	S. Taglio B	S. Taglio L	S. Normale	T.T. min	T.T. max

n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	-667.999	0.000	32166.2	0.0	-231905.2	0.7312	-2.4431
010	SLE freq	No	0.000	0.000	0.0	0.0	-228505.5	-0.8381	-0.8436

Cedimento massimo = -0.037 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 91
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	-432.515	0.000	31810.0	0.0	-238331.7	0.1791	-1.8376
010	SLE freq	No	0.000	0.000	0.0	0.0	-234729.4	-0.8169	-0.8172

Cedimento massimo = -0.030 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 116
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	-215.857	0.000	31450.3	0.0	-246104.6	-0.2678	-1.3520
010	SLE freq	No	0.000	0.000	0.0	0.0	-242294.9	-0.7975	-0.8027

Cedimento massimo = -0.025 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 45
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	-30.633	0.000	31101.9	0.0	-255145.3	-0.6143	-0.9791
010	SLE freq	No	0.000	0.000	0.0	0.0	-251124.3	-0.7843	-0.7934

Cedimento massimo = -0.019 cm in Cmb n. 005
Cedimento minimo = -0.001 cm in Cmb n. 010

Elemento: Platea 22
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	115.217	0.000	30712.4	0.0	-264676.3	-0.5415	-1.0563
010	SLE freq	No	0.000	0.000	0.0	0.0	-260451.0	-0.7741	-0.7861

Cedimento massimo = -0.015 cm in Cmb n. 005
Cedimento minimo = 0.000 cm in Cmb n. 010

Elemento: Platea 23
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	221.589	0.000	30459.1	0.0	-275615.9	-0.4287	-1.1626
010	SLE freq	No	0.000	0.000	0.0	0.0	-271176.6	-0.7694	-0.7828

Cedimento massimo = -0.013 cm in Cmb n. 005
Cedimento minimo = 0.000 cm in Cmb n. 010

Elemento: Platea 120
Sollecitazioni:

Cmb	**Tipo**	**Sism.**	**Ecc. B**	**Ecc. L**	**S. Taglio B**	**S. Taglio L**	**S. Normale**	**T.T. min**	**T.T. max**
n.			cm	cm	daN	daN	daN	daN/cm²	daN/cm²
005	SLE rare	No	300.430	0.000	30331.1	0.0	-286956.1	-0.3502	-1.2362
010	SLE freq	No	0.000	0.000	0.0	0.0	-282304.0	-0.7668	-0.7803

Cedimento massimo = -0.009 cm in Cmb n. 005
Cedimento minimo = 0.000 cm in Cmb n. 010