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RISTRUTTURAZIONE DEI LOCALI DI VIA FALZAREGO DI PROPRIETÀ DELLA RAS E PRATICHE CONNESSE

CIG: 9873364DB6

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IL RESPONSABILE DEL PROCEDIMENTO:	*L'IMPRESA APPALTATRICE*

N°	AGGIORNAMENTI	COMPILATORE	CONTROLLORE	DATA
-	EMISSIONE FINALE	Ing. S. Nonnis	Arch. G. Boasso	14/06/2024
1				
2				
3				
4				

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO STRUTTURE ESISTENTI

FILE:	COMPILATORE:	SCALA:	ELABORATO:
PRJ325_ESEC_ST0A.pdf	Arch. G. BOASSO	***	ST0A
PROGETTO:	CONTROLLORE:	DATA:	
PRJ 325	Arch. Gianluca Boasso	14/06/2024	

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”.

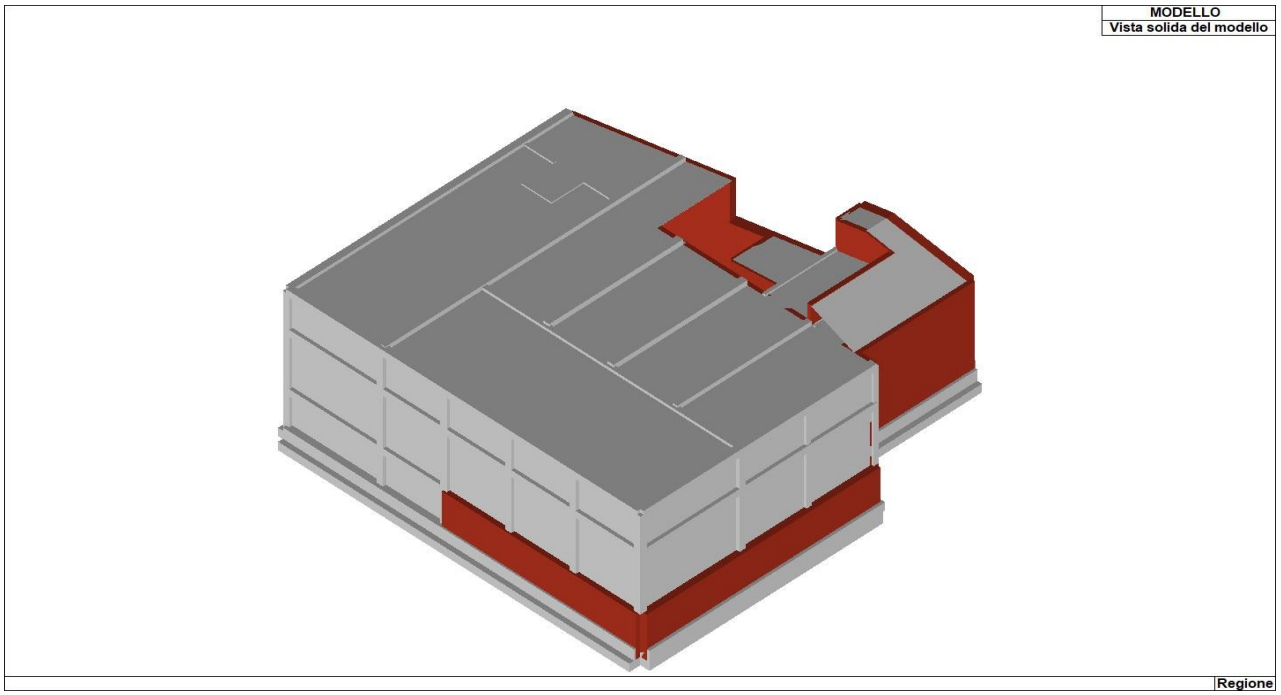
Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	e-TIME (build 2023-07-199)
Produttore- Distributore:	2S.I. Software e Servizi per l’Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it

Descrizione	
Progetto	RISTRUTTURAZIONE DEI LOCALI DI VIA FALZAREGO DI PROPRIETÀ DELLA RAS
Ubicazione	Comune di CAGLIARI (CA) (Regione SARDEGNA)
	Località CAGLIARI (CA), via Falzarego n.4/6
	Longitudine 9.121, Latitudine 39.223
Progettista	Arch. Gianluca Boasso

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



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

Il Progettista: Arch. Gianluca Boasso
Oristano 14/06/2024

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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.

ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE

Il fabbricato oggetto del presente studio è ubicato nel centro urbano nella via Falzarego nel quartiere di Sant'Avendrace, uno dei quartieri storici di Cagliari. Per giungere dalla parallela Viale Trento alla Via Falzarego, è necessario salire di quota su uno dei sette colli di Cagliari, il Colle di Tuvumannu. In particolare, la Via Falzarego rappresenta l'unico accesso disponibile per raggiungere il parco archeologico della Necropoli di Tuvixeddu.
L'immobile, inizialmente adibito a istituto per l'infanzia dalle Figlie di San Giuseppe, è catalogato nel catasto urbano con il foglio A/9, particella 2312, e subalterno S1-PT-1-2. La sua superficie catastale ammonta a mq 1.269, classificati con categoria catastale B/1, destinata a collegi, convitti, educandati; ricoveri; orfanotrofi; ospizi; conventi; seminari; caserme.
Per edifici esistenti, in coerenza con il paragrafo 8.2 delle NTC-18, l'analisi storico-critica ed il rilievo geometrico-strutturale evidenziano i seguenti aspetti: (a) la costruzione riflette lo stato delle conoscenze al tempo della sua realizzazione; (b) possono essere insiti e non palesi difetti di impostazione e di realizzazione; (c) la costruzione può essere stata soggetta ad azioni, anche eccezionali, i cui effetti non siano completamente manifesti; (d) le strutture possono presentare degrado e/o modificazioni significative rispetto alla situazione originaria.

Analisi storico-critica

Non è stata reperita documentazione da cui esplicitare informazioni utili alla determinazione della struttura del fabbricato.

Esito del rilievo geometrico-strutturale

E' stato effettuato il rilievo geometrico strutturale di tutti gli elementi a vista e fuori terra che sono stati riportati nelle tavole grafiche inserite nella valutazione di vulnerabilità sismica di cui il presente calcolo fa parte. Sono state effettuate anche delle prove sclerometriche su elementi strutturali in calcestruzzo che è stato possibile testare ottenendo valori dell'ordine di 35 daN/cmq ed oltre

DESCRIZIONE GENERALE DELL'OPERA

Il fabbricato è caratterizzato da una evoluzione costruttiva avvenuta nel tempo almeno in due fasi. Una prima fase in cui venne realizzato il piano seminterrato a ridosso della via Falzarego. Questa porzione è caratterizzata da murature perimetrali, di vario spessore che vanno da un minimo di 45 cm ad un massimo di 80 cm, in pietrame a spacco di discreta tessitura ed una intelaiatura interna in cemento armato. Il solaio piano è in latero cemento armato dello spessore di 25 cm. L'altezza netta è di 298 cm. Successivamente viene completato il piano con una intelaiatura in cemento armato costituita da pilastri, travi e solai. Le murature sono realizzate con blocco laterizio semipieno. Il piano terra e primo ripetono l'intelaiatura del piano sottostante. Le altezze nette sono rispettivamente di 393 cm e 297 cm.
All'interno trova luogo anche un vano ascensore, realizzato successivamente, e le scale che dal piano terra portano al seminterrato e le scale che dal piano terra, nella zona di ingresso, portano al piano primo. Dal piano primo inoltre abbiamo le scale per accedere al piano di copertura.

Descrizione generale dell'opera	
Fabbricato ad uso	Uffici non aperti al pubblico
Ubicazione	Comune di CAGLIARI (CA) (Regione SARDEGNA)
	Località CAGLIARI (CA)
	Longitudine 9.121, Latitudine 39.223
Numero di piani	Fuori terra 2
	Interrati 1
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di 22.00x22.10 m
Numero vani scale	2
Numero vani ascensore	1
Tipo di fondazione	Trave rovescia

Principali caratteristiche della struttura	
Struttura regolare in pianta	Si
Struttura regolare in altezza	Si
Travi: ricalate o in spessore	Si
Pilastri	Si
Pilastri in falso	No
Tipo di fondazione	Trave rovescia

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
II	50.0	1.0	50.0

Fattore di struttura

Caratteristiche costruzione	
Tipologia	Esistente
Regolarità pianta	SI
Regolarità altezza	SI
Classe di duttilità	progettazione con metodo con fattore q
Sistema costruttivo	Calcestruzzo o acciaio

Parametri	
q_D	1.000

Fattori di comportamento		
	Dissipativi	**Verifiche fragili**
q SLU x	1.000	1.500
q SLU y	1.000	1.500
q SLU z	1.500	

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

LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA

Il livello di conoscenza, per edifici esistenti è LC2
Pertanto il fattore di confidenza è 1.20

AZIONI DI PROGETTO SULLA COSTRUZIONE

Nei capitoli "modellazione delle azioni" e "schematizzazione dei casi di carico" sono indicate le azioni sulla costruzione.

Nel prosieguo si indicano il 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	SI
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:	e-TIME (build 2023-07-199)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara

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: http://www.2si.it/Software/Affidabilità.htm

Modellazione della geometria e proprietà meccaniche:	
nodi	181
elementi D2 (per aste, travi, pilastri…)	195
elementi D3 (per pareti, platee, gusci…)	101
elementi solaio	58
elementi solidi	0
Dimensione del modello strutturale [cm]:	

X min =	26.40
Xmax =	2229.60
Ymin =	0.00
Ymax =	2208.20
Zmin =	-323.00
Zmax =	900.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	SI
Gusci	SI
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO
Solai senza la proprietà piano rigido	SI
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	SI
Fondazioni di tipo platea	NO
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)	SI
SLC	NO
SLD	SI
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO

Combinazione caratteristica (rara)	NO
Combinazione frequente	NO
Combinazione quasi permanente (SLE)	NO
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.
2.8.1. Risultati dell'analisi modale
Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni desumibili in merito al comportamento della struttura.
2.8.2. Deformate e sollecitazioni per condizioni di carico
Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.
2.8.3. Inviluppo delle sollecitazioni maggiormente significative.
L'analisi e la restituzione degli inviluppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.
2.8.4. Reazioni vincolari
Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.
2.8.5. Altri risultati significativi
Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.

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 duttilità, di degrado.

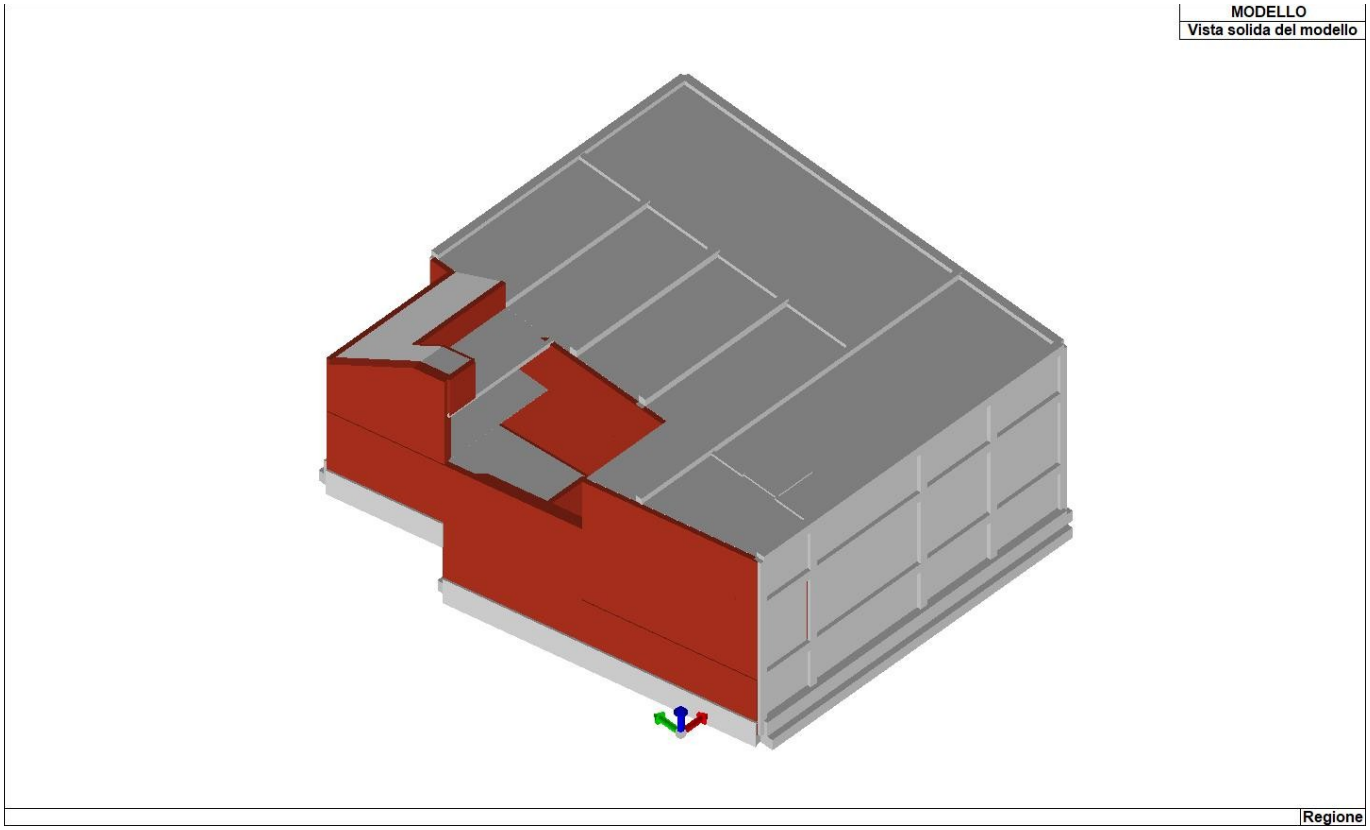
NORMATIVA DI RIFERIMENTO

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

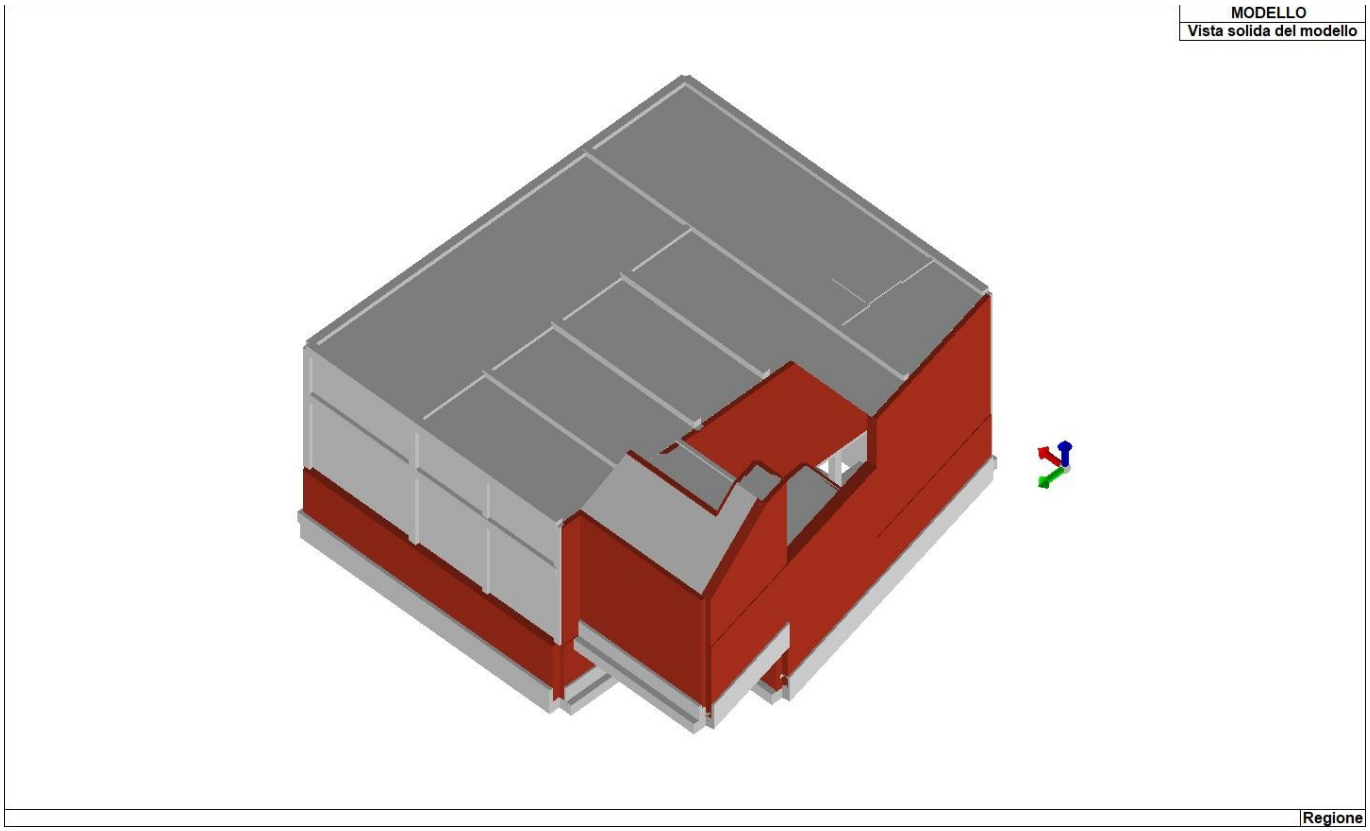
di calcolo semplificato per strutture di muratura non armata.

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_002



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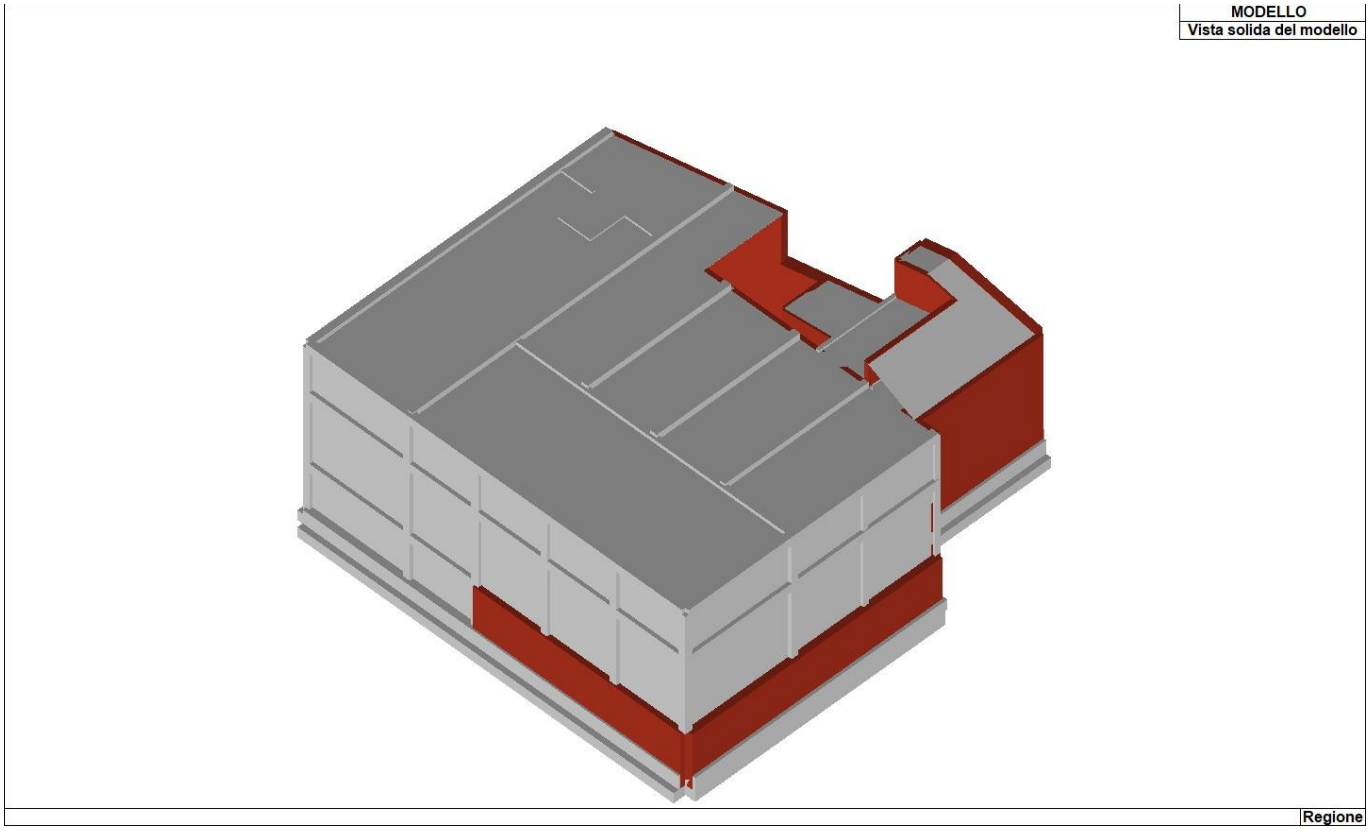


01_INT_VISTA_SOLIDA_004

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
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
3	ESISTENTE - Calcestruzzo Classe C28/35			3.259e+05	0.20	1.358e+05	2.50e-03	1.00e-05	
	Fattore di confidenza FC m								1.20
	Fattore di confidenza FC a								1.20
	Resistenza Rc	253.6	350.0						
	Resistenza fctm		28.4						
	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
93	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04			1.740e+04	0.0	5800.0	2.10e-03	1.00e-05	
	Fattore di confidenza FC m								1.20
	Resistenza f	20.8	26.0						
	Resistenza fh	10.4	13.0						
	Resistenza fv0	0.8	1.1						
	Resistenza fv0h	0.8	1.1						
	Resistenza tau0	0.4	0.6						
	Resistenza fvlim	2.4	3.4						
	Resistenza fb	41.6	52.0						
	Resistenza fbh	8.3	10.4						
	Resistenza fbt	2.2	2.8						
	Rapporto Rfessurata (assiale)								1.00

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Coefficiente mu tilda								0.50
	Coefficiente fi								0.50
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
111	Muratura in laterizio - muratura E = 7.300e+04			7.300e+04	0.25	2.920e+04	1.40e-03	1.00e-05	
	Fattore di confidenza FC m								1.20
	Resistenza f	58.4	73.0						
	Resistenza fh	9.5	11.9						
	Resistenza fv0	2.1	3.0						
	Resistenza fv0h	2.1	3.0						
	Resistenza tau0	1.0	1.5						
	Resistenza fvlim	6.8	9.8						
	Resistenza fb	120.0	150.0						
	Resistenza fbh	24.0	30.0						
	Resistenza fbt	12.0	15.0						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Coefficiente mu tilda								0.50
	Coefficiente fi								0.50
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
158	NUOVO - Calcestruzzo Classe C25/30			3.145e+05	0.20	1.310e+05	2.50e-03	1.00e-05	
	Resistenza Rc	300.0	396.4						
	Resistenza fctm		25.6						
	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

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento FONDAZIONE				
Armatura						
Inclinazione Av [gradi]	90.00	90.00				
Angolo Av-Ao [gradi]	90.00	90.00				
Minima tesa	0.20	0.20				
Massima tesa	4.00	4.00				
Maglia unica centrale	NO	NO				
Unico strato verticale	NO	NO				
Unico strato orizzontale	NO	NO				
Copriferro [cm]	2.00	2.00				
Maglia V						
diametro	10	10				
passo	25	25				
diametro aggiuntivi	12	12				
Maglia O						
diametro	10	10				
passo	25	25				
diametro aggiuntivi	12	12				
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00				
Tipo acciaio	tipo C	tipo C				
Coefficiente gamma s	1.15	1.15				
Coefficiente gamma c	1.50	1.50				
Verifiche con N costante	SI	SI				
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50				
Tensione amm. acciaio [daN/cm2]	1900.00	1900.00				
Rapporto omogeneizzazione N	15.00	15.00				
Massimo rapporto area compressa/tesa	1.00	1.00				
Parete estesa debolmente armata						
Fattore amplificazione taglio V	0.0	0.0				
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0				
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0				
Diagramma inviluppo taglio	NO	NO				
Vincolo lati	nessun lato	nessun lato				

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Verifica come fascia	NO	NO				
Diametro di estremità	0	0				
Zona confinata						
Minima tesa	1.00	1.00				
Massima tesa	4.00	4.00				
Distanza barre [cm]	2.00	2.00				
Interferro	2	2				
Armatura inclinata						
Area barre [cm2]	0.0	0.0				
Angolo orizzontale [gradi]	0.0	0.0				
Distanza di base [cm]	0.0	0.0				
Resistenza al fuoco						
3- intradosso	NO	NO				
3+ estradosso	NO	NO				
Tempo di esposizione R	15	15				

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	NO	NO				
Af inf: da q*L*L /	0.0	0.0				
Armatura						
Minima tesa	0.31	0.20				
Minima compressa	0.31	0.20				
Massima tesa	0.78	4.00				
Da sezione	SI	SI				
Usa armatura teorica	NO	NO				
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00				
Tensione fy staffe [daN/cm2]	4500.00	4500.00				
Tipo acciaio	tipo C	tipo C				
Coefficiente gamma s	1.15	1.15				
Coefficiente gamma c	1.50	1.50				
Verifiche con N costante	SI	SI				
Fattore di ridistribuzione	0.0	0.0				
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander				
Incrudimento acciaio	5.000e-03	5.000e-03				
Fattore lambda	1.00	1.00				
epsilon max,s	4.000e-02	4.000e-02				
epsilon cu2	4.500e-03	4.500e-03				
epsilon c2	0.0	0.0				
epsilon cy	0.0	0.0				
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50				
Tensione amm. acciaio [daN/cm2]	1900.00	1900.00				
Rapporto omogeneizzazione N	15.00	15.00				
Massimo rapporto area compressa/tesa	1.00	1.00				
Staffe						
Diametro staffe	0.0	0.0				
Passo minimo [cm]	4.00	4.00				
Passo massimo [cm]	30.00	30.00				
Passo raffittito [cm]	15.00	15.00				
Lunghezza zona raffittita [cm]	50.00	50.00				
Ctg(Teta) Max	2.50	2.50				
Percentuale sagomati	0.0	0.0				
Luce di taglio per GR [cm]	1.00	1.00				
Adotta scorrimento medio	NO	NO				
Torsione non essenziale inclusa	NO	NO				

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati				
Progetta a filo	NO	NO				
Effetti del 2 ordine	NO	NO				
Beta per 2-2	1.00	1.00				
Beta per 3-3	1.00	1.00				
Armatura						
Massima tesa	4.00	4.00				
Minima tesa	1.00	1.00				
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00				

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Tensione fy staffe [daN/cm2]	4500.00	4500.00				
Tipo acciaio	tipo C	tipo C				
Coefficiente gamma s	1.15	1.15				
Coefficiente gamma c	1.50	1.50				
Verifiche con N costante	NO	SI				
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander				
Incrudimento acciaio	5.000e-03	5.000e-03				
Fattore lambda	1.00	1.00				
epsilon max,s	4.000e-02	4.000e-02				
epsilon cu2	4.500e-03	4.500e-03				
epsilon c2	0.0	0.0				
epsilon cy	0.0	0.0				
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50				
Tensione amm. acciaio [daN/cm2]	1900.00	1900.00				
Rapporto omogeneizzazione N	15.00	15.00				
Staffe						
Diametro staffe	0.0	0.0				
Passo minimo [cm]	5.00	5.00				
Passo massimo [cm]	25.00	25.00				
Passo raffittito [cm]	15.00	15.00				
Lunghezza zona raffittita [cm]	45.00	45.00				
Ctg(Teta) Max	2.50	2.50				
Luce di taglio per GR [cm]	1.00	1.00				
Massimizza gerarchia	NO	SI				

Muratura	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Altezza interpiano [cm]	0.0	0.0				
Rho	0.85	0.85				
Snellezza limite	20.00	20.00				
Generalità						
Gamma non sismico	3.00	3.00				
Gamma sismico	2.40	2.40				
Tolleranza azioni [daN/cm2]	0.0	0.0				
Media valori per quota	SI	SI				
Media valori per elemento	SI	SI				
Verifica come fascia	NO	NO				
Usa formula [7.8.3]	SI	SI				

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	NO	NO				
Af inf: da traliccio	SI	SI				
Consenti armatura a taglio	NO	NO				
Incrementa armatura longitudinale per taglio	SI	SI				
Af inf: da q*L*L /	20.00	20.00				
Incremento fascia piena [cm]	5.00	5.00				
Armatura						
Minima tesa	0.15	0.15				
Massima tesa	3.00	3.00				
Minima compressa	0.0	0.0				
Af/h [cm]	7.000e-02	7.000e-02				
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00				
Tipo acciaio	tipo C	tipo C				
Coefficiente gamma s	1.15	1.15				
Coefficiente gamma c	1.50	1.50				
Fattore di ridistribuzione	0.0	0.0				
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00				
Tensione amm. acciaio [daN/cm2]	1900.00	1900.00				
Rapporto omogeneizzazione N	15.00	15.00				
Massimo rapporto area compressa/tesa	1.00	1.00				
Verifica freccia						
Infinita	250.00	250.00				
Istantanea	500.00	500.00				
Fattore viscosità	3.00	3.00				
Usa J non fessurato	NO	NO				
Elementi non strutturali						

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Tamponatura antiespulsione	NO	NO				
Tamponatura con armatura	NO	NO				
Fattore di struttura/comportamento	2.00	2.00				
Coefficiente gamma m	0.0	0.0				
Periodo Ta	0.0	0.0				
Altezza pannello	0.0	0.0				

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

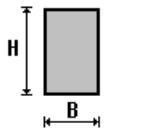
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

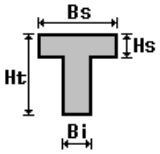
Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

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

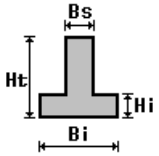
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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



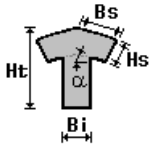
rettangolare



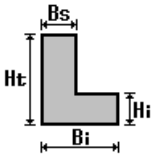
a T



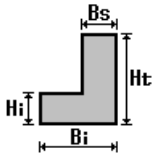
a T rovescia



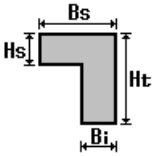
a T di colmo



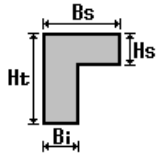
a L



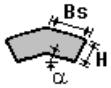
a L specchiata



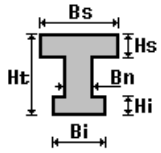
a L specchiata rovescia



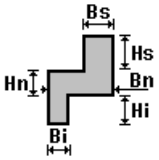
a L rovescia



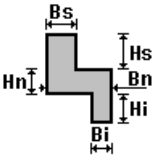
a L di colmo



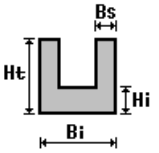
a doppio T



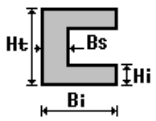
a quattro specchiata



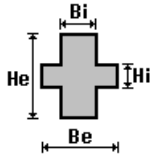
a quattro



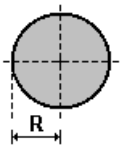
a U



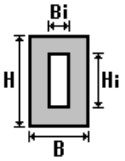
a C



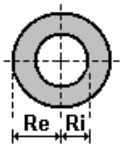
a croce



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
1	PILASTRO - Rettangolare: b=40 h=40	1600.00	1333.33	1333.33	3.599e+05	2.133e+05	2.133e+05	1.067e+04	1.067e+04	1.600e+04	1.600e+04
2	PILASTRO - Rettangolare: b=30 h=30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
3	TRAVE - Rettangolare: b=40 h=85	3400.00	2833.33	2833.33	1.276e+06	4.533e+05	2.047e+06	2.267e+04	4.817e+04	3.400e+04	7.225e+04
4	TRAVE - Rettangolare: b=30 h=55	1650.00	1375.00	1375.00	3.249e+05	1.238e+05	4.159e+05	8250.00	1.512e+04	1.238e+04	2.269e+04
5	TRAVE - Rettangolare: b=35 h=55	1925.00	1604.17	1604.17	4.709e+05	1.965e+05	4.853e+05	1.123e+04	1.765e+04	1.684e+04	2.647e+04
6	CORDOLATURA - Rettangolare: b=40 h=50	2000.00	1666.67	1666.67	5.498e+05	2.667e+05	4.167e+05	1.333e+04	1.667e+04	2.000e+04	2.500e+04
7	TRAVETTO SOLAIO 25 cm - T ribassata: bi=10 ht=25 bs=50 hs=5	450.00	0.0	0.0	8185.42	5.375e+04	2.455e+04	2150.00	1448.77	3625.00	2612.50
8	TRAVE - Rettangolare: b=40 h=75	3000.00	2500.00	2500.00	1.062e+06	4.000e+05	1.406e+06	2.000e+04	3.750e+04	3.000e+04	5.625e+04
9	TRAVE - Rettangolare: b=30 h=40	1200.00	1000.00	1000.00	1.946e+05	9.000e+04	1.600e+05	6000.00	8000.00	9000.00	1.200e+04
10	TRAVE - Rettangolare: b=30 h=65	1950.00	1625.00	1625.00	4.149e+05	1.462e+05	6.866e+05	9750.00	2.112e+04	1.462e+04	3.169e+04
11	TRAVE - Rettangolare: b=40 h=50	2000.00	1666.67	1666.67	5.498e+05	2.667e+05	4.167e+05	1.333e+04	1.667e+04	2.000e+04	2.500e+04
12	TRAVE ROVESCIA DI CONFINE STRADA - T rovescia: bi=140 ht=140 bs=80 hi=60 - L regolare: bi=100 ht=140 bs=50 hi=60 - L inversa: bi=140 ht=140 bs=80 hi=60 - L regolare: bi=140 ht=140 bs=80 hi=60	1.480e+04	0.0	0.0	2.265e+07	2.040e+07	2.373e+07	2.459e+05	2.977e+05	4.529e+05	5.009e+05
13	TRAVE ROVESCIA DI CONFINE - T rovescia: bi=100 ht=140 bs=50 hi=60 - L regolare: bi=100 ht=140 bs=50 hi=60 - L inversa: bi=100 ht=140 bs=50 hi=60	1.000e+04	0.0	0.0	8.999e+06	7.333e+06	1.569e+07	1.222e+05	1.914e+05	2.214e+05	3.300e+05
14	TRAVE ROVESCIA - T rovescia: bi=140 ht=140 bs=80 hi=60	1.480e+04	0.0	0.0	2.265e+07	1.713e+07	2.373e+07	2.448e+05	2.977e+05	4.220e+05	5.009e+05
15	TRAVE - Rettangolare: b=20 h=25	500.00	416.67	416.67	3.436e+04	1.667e+04	2.604e+04	1666.67	2083.33	2500.00	3125.00
16	TRAVETTO VANO TECNICO - T ribassata: bi=10 ht=20 bs=50 hs=4	360.00	0.0	0.0	5579.57	4.300e+04	1.257e+04	1720.00	927.21	2900.00	1672.00
17	TRAVETTO SOLAIO 30 cm - T ribassata: bi=10 ht=30 bs=50 hs=5	500.00	0.0	0.0	9852.08	5.417e+04	4.167e+04	2166.67	2083.33	3750.00	3750.00

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:

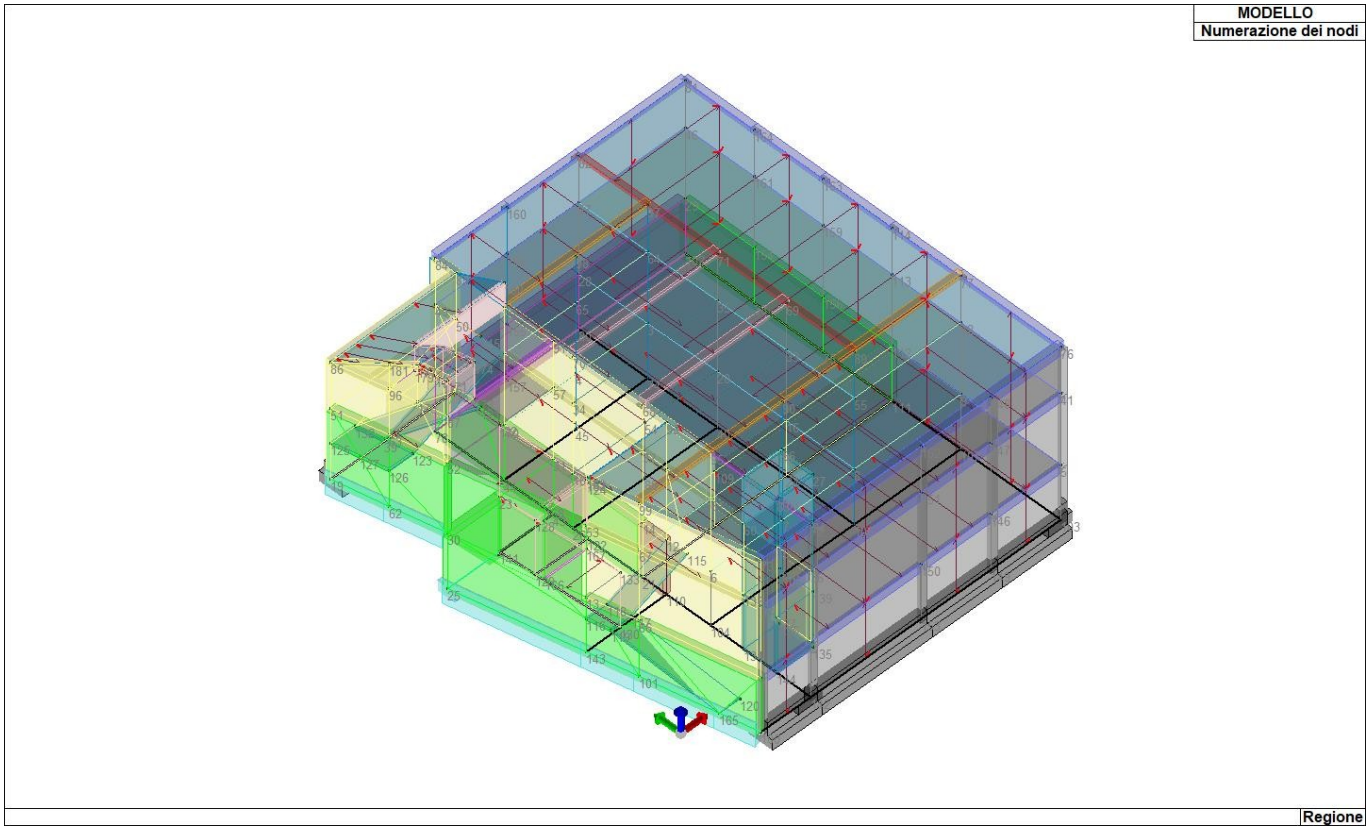
Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, 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	467.5	0.0	0.0	2	762.1	0.0	0.0	3	1605.6	1801.6	0.0
4	1184.6	1801.6	0.0	5	2229.6	0.0	0.0	6	762.1	589.9	0.0
7	1184.6	589.9	0.0	8	1605.6	589.9	0.0	9	2229.6	589.9	0.0
10	762.1	203.2	418.0	11	1183.8	990.0	-323.0	12	762.1	846.6	0.0
13	288.3	846.6	0.0	14	762.1	990.0	0.0	15	762.1	2083.6	0.0
16	1605.6	990.0	0.0	17	762.1	2208.1	0.0	18	762.1	1395.5	0.0
19	26.4	2083.6	0.0	20	1605.6	1395.5	0.0	21	762.1	990.0	-323.0
22	762.1	1801.5	0.0	23	446.5	1516.0	0.0	24	1605.6	990.0	-323.0
25	146.5	1516.0	-323.0	26	762.1	1395.5	-323.0	27	973.1	203.2	690.0
28	1605.6	2208.1	0.0	29	2229.6	2208.1	0.0	30	146.5	1516.0	0.0
31	762.1	1516.0	0.0	32	762.1	990.0	418.0	33	1605.6	990.0	418.0
34	762.1	1395.5	418.0	35	1605.6	1395.5	418.0	36	762.1	0.0	418.0
37	467.5	0.0	418.0	38	2229.6	1801.6	-323.0	39	197.2	1942.6	209.0
40	1605.6	1395.5	-323.0	41	2229.6	0.0	418.0	42	2229.6	589.9	418.0
43	762.1	1516.0	-323.0	44	762.1	1801.5	-323.0	45	1184.6	1801.5	-323.0
46	2229.6	2208.1	418.0	47	1605.6	2208.1	418.0	48	973.1	393.2	690.0
49	762.1	2208.1	418.0	50	762.1	2083.6	418.0	51	26.4	2083.6	418.0
52	146.5	1516.0	418.0	53	288.3	846.6	418.0	54	1183.8	1395.5	0.0
55	1605.6	589.9	418.0	56	1184.6	589.9	418.0	57	762.1	1516.0	418.0
58	762.1	1801.5	418.0	59	762.1	846.6	418.0	60	762.1	393.2	418.0
61	762.1	589.9	418.0	62	86.1	1801.5	0.0	63	86.1	1801.5	418.0

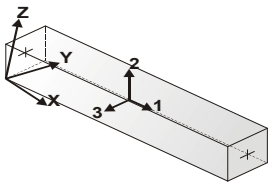
64	1605.6	1801.5	418.0	65	1184.6	1801.5	418.0	66	342.6	589.9	0.0
67	342.6	589.9	418.0	68	762.1	990.0	690.0	69	1605.6	990.0	690.0
70	762.1	1395.5	690.0	71	1605.6	1395.5	690.0	72	762.1	0.0	690.0
73	467.5	0.0	690.0	74	1605.6	1801.5	-323.0	75	2229.6	1395.5	-323.0
76	2229.6	0.0	690.0	77	2229.6	589.9	690.0	78	762.1	2208.1	-323.0
79	762.1	393.2	690.0	80	1605.6	2208.1	-323.0	81	2229.6	2208.1	690.0
82	1605.6	2208.1	690.0	83	762.1	203.2	690.0	84	762.1	2208.1	690.0
85	762.1	2083.6	690.0	86	26.4	2083.6	690.0	87	146.5	1516.0	690.0
88	1183.8	1395.5	-323.0	89	1605.6	589.9	690.0	90	1184.6	589.9	690.0
91	762.1	1516.0	690.0	92	762.1	1801.5	690.0	93	762.1	846.6	690.0
94	973.1	203.2	418.0	95	762.1	589.9	690.0	96	86.1	1801.5	690.0
97	1605.6	1801.5	690.0	98	1184.6	1801.5	690.0	99	342.6	589.9	690.0
100	467.5	0.0	-323.0	101	342.6	589.9	-323.0	102	2229.6	2208.1	-323.0
103	2229.6	0.0	-323.0	104	762.1	589.9	-323.0	105	1184.6	589.9	-323.0
106	1605.6	589.9	-323.0	107	2229.6	589.9	-323.0	108	973.1	393.2	418.0
109	1183.8	990.0	0.0	110	762.1	846.6	-323.0	111	2229.6	990.0	-323.0
112	2229.6	990.0	0.0	113	2229.6	990.0	418.0	114	2229.6	990.0	690.0
115	762.1	726.6	0.0	116	288.3	846.6	-130.0	117	433.7	726.6	-130.0
118	408.3	846.6	-130.0	119	313.7	726.6	-130.0	120	545.2	200.0	-323.0
121	762.1	1942.5	0.0	122	762.1	1316.0	-323.0	123	227.1	1801.5	209.0
124	762.1	1316.0	0.0	125	26.4	2083.6	209.0	126	86.1	1801.5	209.0
127	56.2	1942.6	209.0	128	459.0	1316.0	0.0	129	459.0	1316.0	-323.0
130	488.3	846.6	-323.0	131	762.1	2083.6	209.0	132	167.4	2083.6	209.0
133	488.3	846.6	0.0	134	762.1	393.2	-323.0	135	973.1	203.2	-323.0
136	973.1	393.2	-323.0	137	762.1	203.2	0.0	138	762.1	393.2	0.0
139	973.1	203.2	0.0	140	973.1	393.2	0.0	141	446.5	1516.0	-323.0
142	762.1	0.0	-323.0	143	288.2	846.6	-323.0	144	762.1	203.2	-323.0
145	762.1	1942.5	418.0	146	1819.0	0.0	0.0	147	1819.0	0.0	418.0
148	1819.0	0.0	690.0	149	1819.0	0.0	-323.0	150	1406.6	0.0	0.0
151	1406.6	0.0	418.0	152	1406.6	0.0	690.0	153	1406.6	0.0	-323.0
154	2229.6	1801.6	0.0	155	1184.6	2208.2	0.0	156	2229.6	1395.5	0.0
157	1184.6	2208.1	-323.0	158	1184.6	2208.1	418.0	159	2229.6	1395.5	418.0
160	1184.6	2208.1	690.0	161	2229.6	1801.5	418.0	162	288.3	846.6	690.0
163	2229.6	1395.5	690.0	164	2229.6	1801.5	690.0	165	425.2	200.0	-323.0
166	245.9	1046.6	0.0	167	488.3	1046.6	0.0	168	245.9	1046.6	418.0
169	488.3	1046.6	418.0	170	446.5	1516.0	418.0	171	146.5	1516.0	900.0
172	236.1	1801.5	831.9	173	296.5	1516.0	690.0	174	296.5	1516.0	900.0
175	114.8	1666.0	690.0	176	264.8	1666.0	690.0	177	114.8	1666.0	900.0
178	264.8	1666.0	900.0	179	236.1	1801.5	690.0	180	762.1	1801.5	831.9
181	86.1	1801.5	831.9								



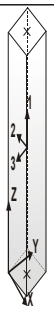
14_MOD_NUMERAZIONE_NODI

MODELLAZIONE STRUTTURA: ELEMENTI TRAVE
TABELLA DATI TRAVI

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



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

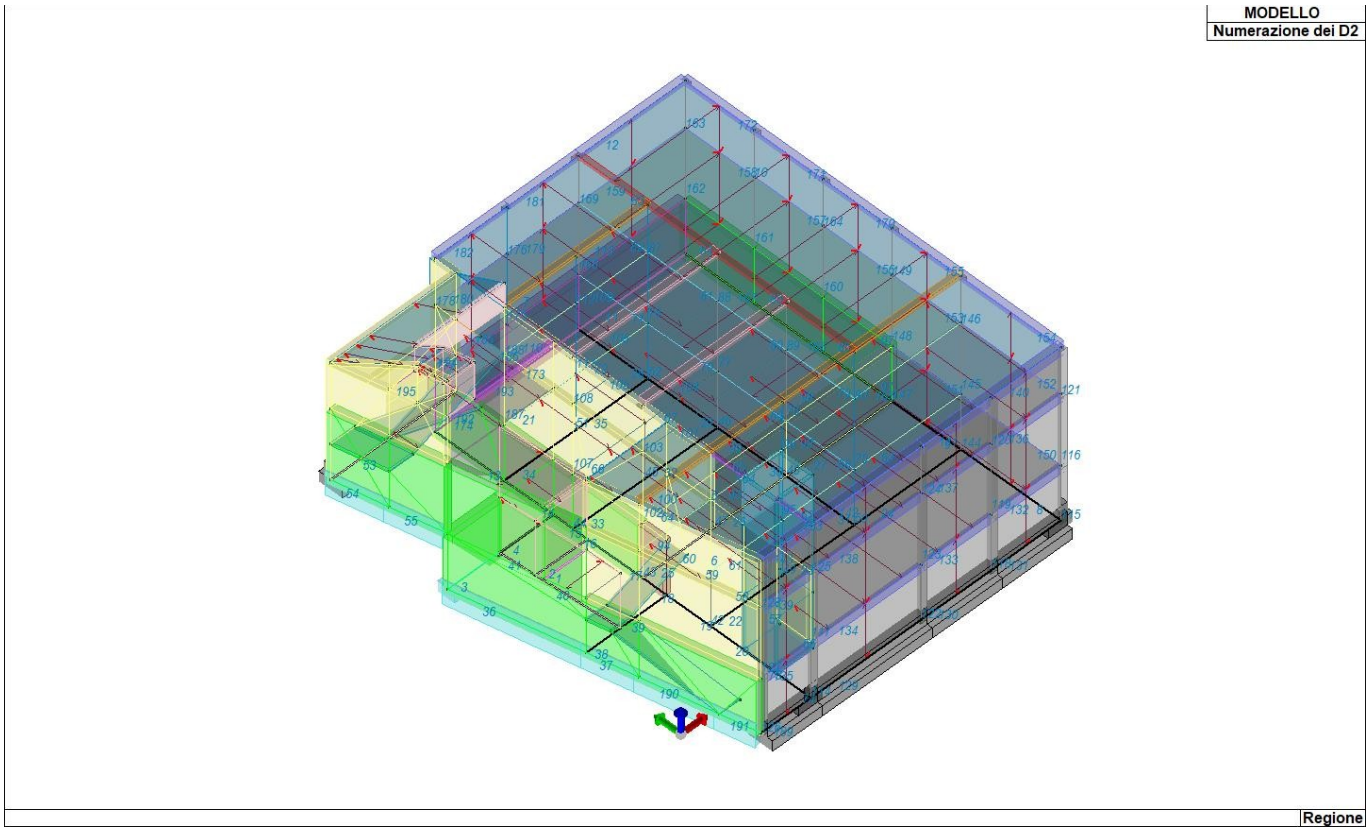
In particolare per ogni elemento viene indicato in tabella:

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

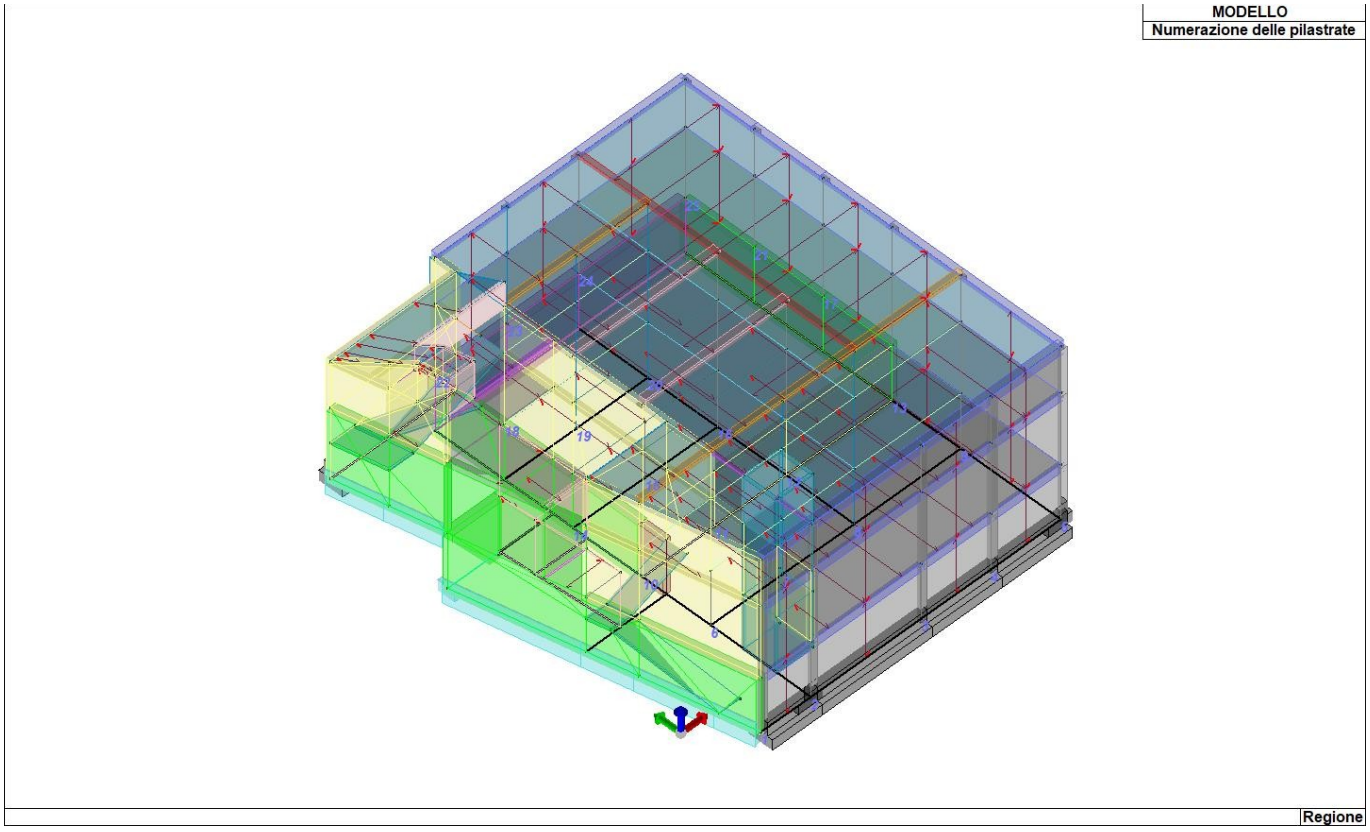
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
							gradi			daN/cm3	daN/cm3
1	Trave f.	166	167	93	15	2				4.00	2.00
2	Trave f.	129	122	3	14	2				4.00	2.00
3	Trave f.	25	141	3	13	2				4.00	2.00
4	Trave f.	141	43	3	14	2				4.00	2.00
5	Pilas.	61	95	3	1	1					
6	Pilas.	6	61	3	1	1					
7	Trave	92	98	3	10	1					
8	Trave f.	103	107	3	14	2				4.00	2.00
9	Trave f.	107	111	3	14	2				4.00	2.00
10	Pilas.	161	164	3	1	1					
11	Trave f.	80	102	3	12	2				4.00	2.00
12	Trave	82	81	3	6	1					
13	Trave f.	44	78	3	14	2				4.00	2.00
14	Trave f.	43	44	3	14	2				4.00	2.00
15	Trave f.	26	43	3	14	2				4.00	2.00
16	Trave f.	122	26	3	14	2				4.00	2.00
17	Trave f.	21	122	3	14	2				4.00	2.00
18	Trave f.	110	21	3	14	2				4.00	2.00
19	Trave f.	104	110	3	14	2				4.00	2.00
20	Trave f.	134	104	3	14	2				4.00	2.00
21	Trave	22	4	3	4	1					
22	Trave f.	104	105	3	14	2				4.00	2.00
23	Trave f.	105	106	3	14	2				4.00	2.00
24	Trave f.	106	107	3	14	2				4.00	2.00
25	Trave f.	21	11	3	14	2				4.00	2.00
26	Trave f.	11	24	3	14	2				4.00	2.00
27	Trave f.	24	111	3	14	2				4.00	2.00
28	Trave f.	74	80	3	14	2				4.00	2.00
29	Trave f.	40	74	3	14	2				4.00	2.00
30	Trave f.	24	40	3	14	2				4.00	2.00
31	Trave f.	106	24	3	14	2				4.00	2.00
32	Trave f.	88	40	3	14	2				4.00	2.00
33	Trave f.	26	88	3	14	2				4.00	2.00
34	Trave f.	44	45	3	14	2				4.00	2.00
35	Trave f.	45	74	3	14	2				4.00	2.00
36	Trave f.	25	143	3	13	2				4.00	2.00
37	Trave f.	143	101	3	13	2				4.00	2.00
38	Trave f.	143	130	3	14	2				4.00	2.00
39	Trave f.	130	110	3	14	2				4.00	2.00
40	Trave f.	129	130	3	14	2				4.00	2.00
41	Trave f.	141	129	3	14	2				4.00	2.00
42	Pilas.	104	6	3	1	1					
43	Pilas.	21	14	3	1	1					
44	Pilas.	26	18	3	1	1					
45	Pilas.	88	54	3	1	1					
46	Pilas.	40	20	3	1	1					
47	Pilas.	11	109	3	1	1					
48	Pilas.	24	16	3	1	1					
49	Pilas.	105	7	3	2	1					
50	Pilas.	106	8	3	2	1					
51	Pilas.	45	4	3	2	1					
52	Pilas.	74	3	3	2	1					
53	Trave f.	19	15	3	14	2				4.00	2.00
54	Trave f.	19	62	3	13	2				4.00	2.00
55	Trave f.	62	30	3	13	2				4.00	2.00
56	Trave	2	137	3	11	1					
57	Trave	137	138	3	11	1					
58	Trave	138	6	3	11	1					
59	Trave	6	115	3	11	1					
60	Trave	115	12	3	11	1					
61	Trave	6	7	3	4	1					
62	Trave	7	8	3	4	1					
63	Trave	8	9	3	4	1					
64	Trave	14	109	3	3	1					
65	Trave	109	16	3	3	1					
66	Trave	18	54	3	3	1					
67	Trave	54	20	3	3	1					
68	Trave	8	16	3	5	1					
69	Trave	16	20	3	5	1					
70	Trave	20	3	3	5	1					
71	Trave	3	28	3	5	1					
72	Trave	4	3	3	4	1					
73	Trave f.	144	134	3	14	2				4.00	2.00

74	Trave f.	142	144	3	14	2	4.00	2.00
75	Pilas.	8	55	3	2	1		
76	Pilas.	16	33	3	1	1		
77	Pilas.	20	35	3	1	1		
78	Pilas.	3	64	3	2	1		
79	Trave	55	33	3	5	1		
80	Trave	33	35	3	5	1		
81	Trave	35	64	3	5	1		
82	Trave	64	47	3	5	1		
83	Trave	97	82	3	9	1		
84	Trave	71	97	3	9	1		
85	Trave	69	71	3	9	1		
86	Trave	89	69	3	9	1		
87	Pilas.	64	97	3	2	1		
88	Pilas.	35	71	3	1	1		
89	Pilas.	33	69	3	1	1		
90	Pilas.	55	89	3	2	1		
91	Trave	55	42	3	4	1		
92	Trave	56	55	3	4	1		
93	Trave	61	56	3	4	1		
94	Trave	67	61	3	4	1		
95	Pilas.	7	56	3	2	1		
96	Pilas.	56	90	3	2	1		
97	Trave	89	77	3	10	1		
98	Trave	90	89	3	10	1		
99	Trave	95	90	3	10	1		
100	Trave	99	95	3	10	1		
101	Trave	32	33	3	3	1		
102	Pilas.	14	32	3	1	1		
103	Pilas.	32	68	3	1	1		
104	Trave	68	69	3	8	1		
105	Trave	34	35	3	3	1		
106	Trave	70	71	3	8	1		
107	Pilas.	18	34	3	1	1		
108	Pilas.	34	70	3	1	1		
109	Trave	65	64	3	4	1		
110	Trave	58	65	3	4	1		
111	Pilas.	4	65	3	2	1		
112	Pilas.	65	98	3	2	1		
113	Trave	98	97	3	10	1		
114	Pilas.	142	2	3	1	1		
115	Pilas.	103	5	3	1	1		
116	Pilas.	5	41	3	1	1		
117	Pilas.	2	36	3	1	1		
118	Pilas.	149	146	3	1	1		
119	Pilas.	146	147	3	1	1		
120	Pilas.	147	148	3	1	1		
121	Pilas.	41	76	3	1	1		
122	Pilas.	153	150	3	1	1		
123	Pilas.	150	151	3	1	1		
124	Pilas.	151	152	3	1	1		
125	Pilas.	36	72	3	1	1		
126	Pilas.	100	1	3	1	1		
127	Pilas.	1	37	3	1	1		
128	Pilas.	37	73	3	1	1		
129	Trave f.	142	153	3	14	2	4.00	2.00
130	Trave f.	153	149	3	14	2	4.00	2.00
131	Trave f.	149	103	3	14	2	4.00	2.00
132	Trave	146	5	3	6	1		
133	Trave	150	146	3	6	1		
134	Trave	2	150	3	6	1		
135	Trave	1	2	3	6	1		
136	Trave	147	41	3	6	1		
137	Trave	151	147	3	6	1		
138	Trave	36	151	3	6	1		
139	Trave	37	36	3	6	1		
140	Trave	148	76	3	6	1		
141	Trave	152	148	3	6	1		
142	Trave	72	152	3	6	1		
143	Trave	73	72	3	6	1		
144	Pilas.	107	9	3	1	1		
145	Pilas.	9	42	3	1	1		
146	Pilas.	42	77	3	1	1		
147	Pilas.	111	112	3	1	1		
148	Pilas.	112	113	3	1	1		
149	Pilas.	113	114	3	1	1		
150	Trave	5	9	3	6	1		

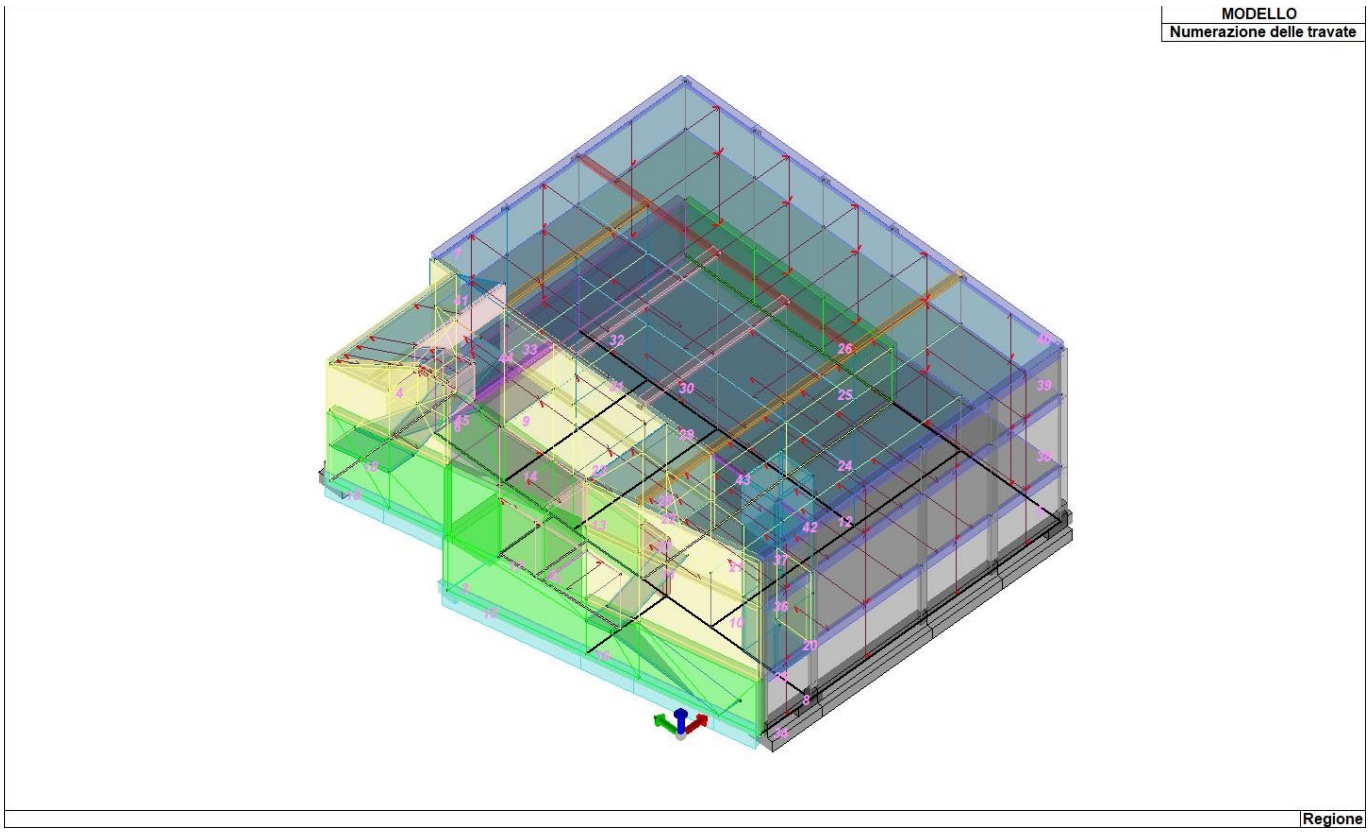
151	Trave	9	112	3	6	1		
152	Trave	41	42	3	6	1		
153	Trave	42	113	3	6	1		
154	Trave	76	77	3	6	1		
155	Trave	77	114	3	6	1		
156	Trave	113	159	3	6	1		
157	Trave	159	161	3	6	1		
158	Trave	161	46	3	6	1		
159	Trave	47	46	3	6	1		
160	Pilas.	156	159	3	1	1		
161	Pilas.	154	161	3	1	1		
162	Pilas.	29	46	3	1	1		
163	Pilas.	46	81	3	1	1		
164	Pilas.	159	163	3	1	1		
165	Trave f.	111	75	3	14	2	4.00	2.00
166	Trave f.	75	38	3	14	2	4.00	2.00
167	Trave f.	38	102	3	14	2	4.00	2.00
168	Pilas.	28	47	3	1	1		
169	Pilas.	47	82	3	1	1		
170	Trave	114	163	3	6	1		
171	Trave	163	164	3	6	1		
172	Trave	164	81	3	6	1		
173	Trave f.	157	80	3	12	2	4.00	2.00
174	Trave f.	78	157	3	12	2	4.00	2.00
175	Pilas.	155	158	3	2	1		
176	Pilas.	158	160	3	2	1		
177	Pilas.	17	49	3	2	1		
178	Pilas.	49	84	3	2	1		
179	Trave	158	47	3	6	1		
180	Trave	49	158	3	6	1		
181	Trave	160	82	3	6	1		
182	Trave	84	160	3	6	1		
183	Trave	72	83	3	15	1		
184	Trave	79	95	3	15	1		
185	Trave	145	50	3	10	1		
186	Trave	58	145	3	10	1		
187	Pilas.	22	58	3	1	1		
188	Pilas.	58	92	3	1	1		
189	Trave f.	100	142	3	14	2	4.00	2.00
190	Trave f.	101	165	3	13	2	4.00	2.00
191	Trave f.	165	100	3	13	2	4.00	2.00
192	Trave	87	173	3	15	1		
193	Trave	173	91	3	15	1		
194	Trave	179	92	3	15	1		
195	Trave	96	179	3	15	1		



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE

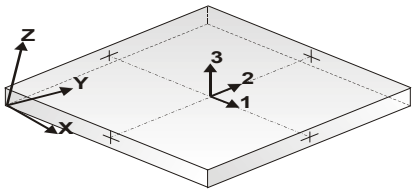


15_MOD_NUMERAZIONE_D2_TRAVATE

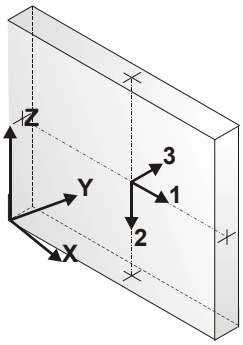
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

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



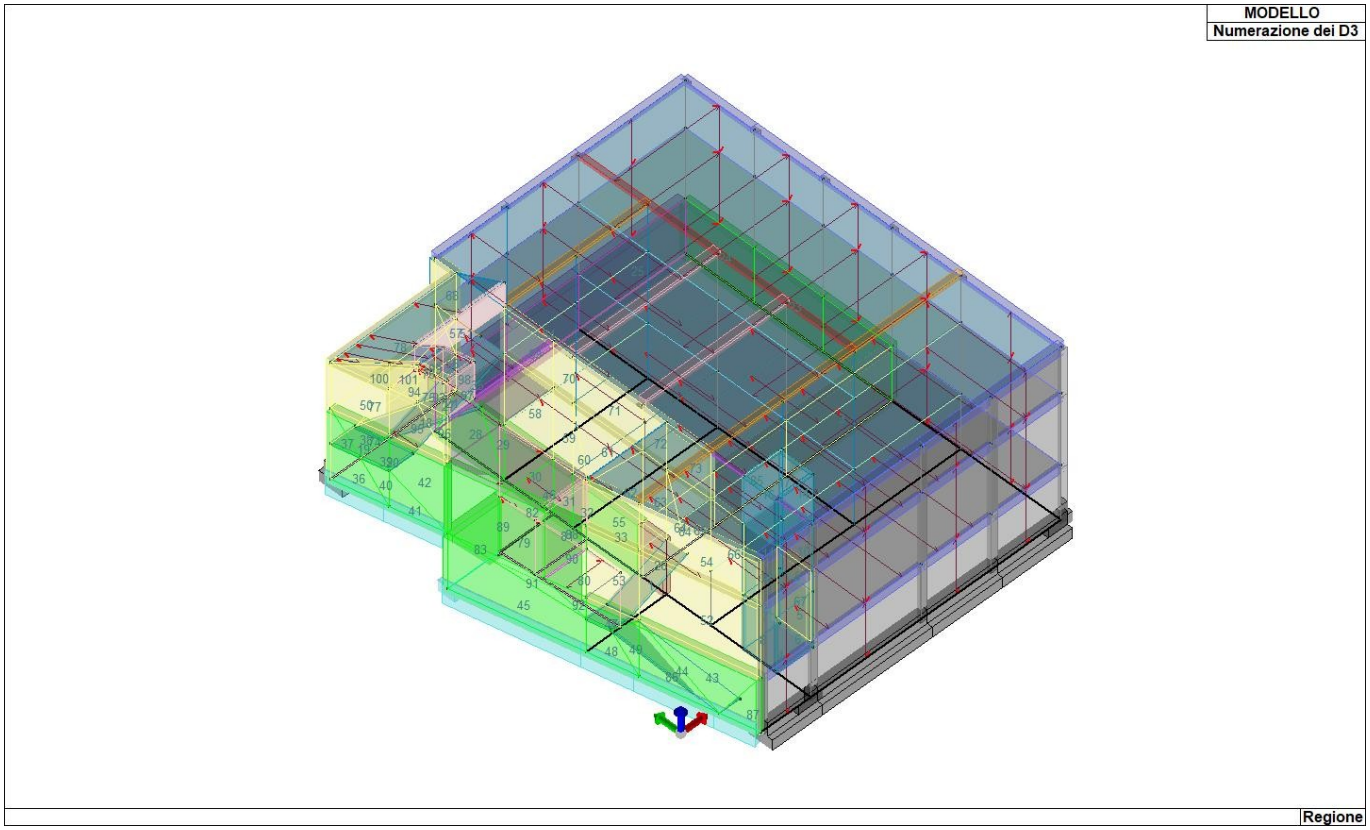
orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

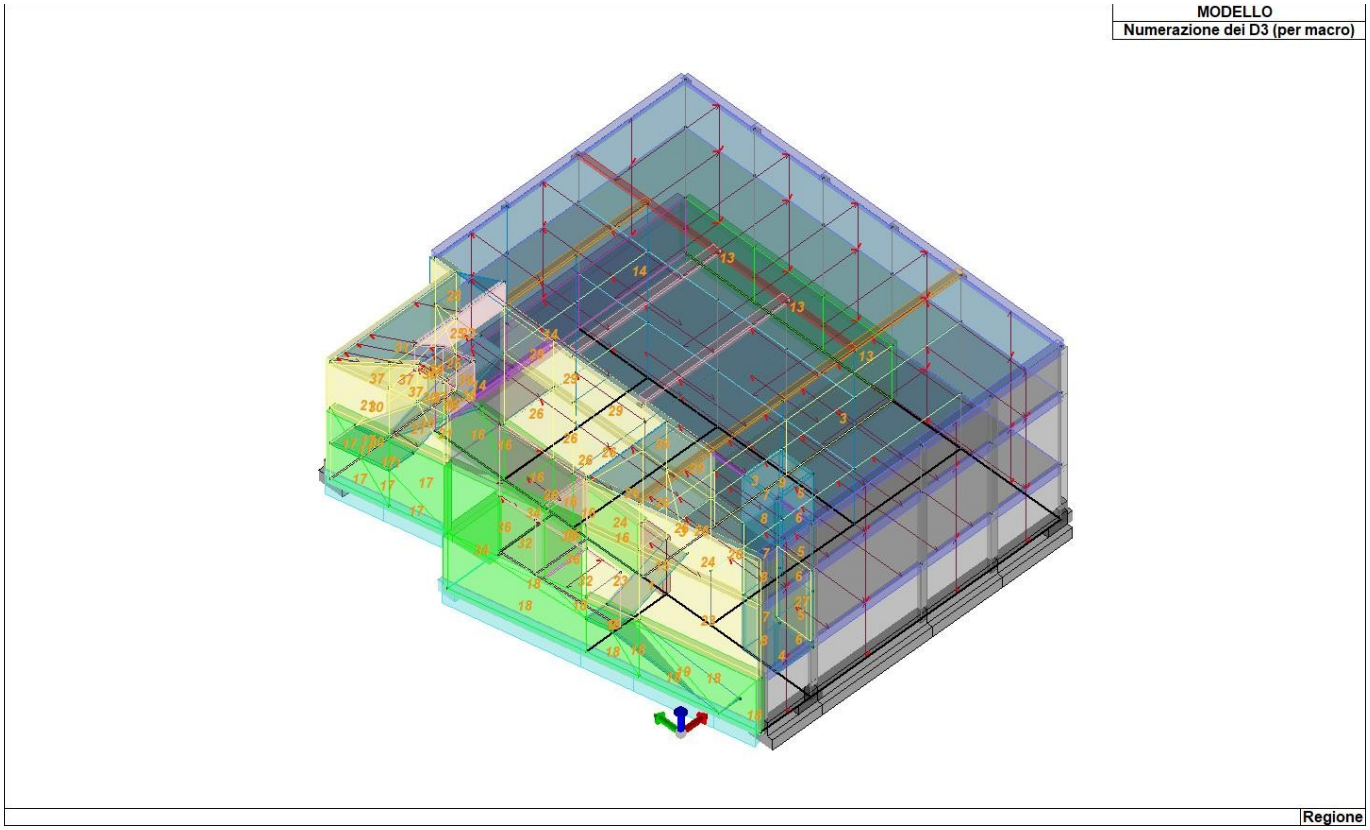
Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo 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	117	115	12	118	3	1	20.0			
2	Guscio	119	117	118	116	3	1	20.0			
3	Setto	16	112	111	24	93	1	50.0			
4	Guscio	144	135	136	134	3	1	20.0			
5	Setto	135	136	140	139	3	1	20.0			
6	Setto	137	139	135	144	3	1	20.0			
7	Setto	138	140	136	134	3	1	20.0			
8	Setto	144	134	138	137	3	1	20.0			
9	Setto	10	94	139	137	3	1	20.0			
10	Setto	139	140	108	94	3	1	20.0			
11	Setto	60	108	140	138	3	1	20.0			
12	Setto	137	138	60	10	3	1	20.0			
13	Setto	83	27	94	10	3	1	20.0			
14	Setto	94	108	48	27	3	1	20.0			
15	Setto	10	60	79	83	3	1	20.0			
16	Setto	79	48	108	60	3	1	20.0			
17	Guscio	83	27	48	79	3	1	20.0			
18	Guscio	39	121	15	132	3	1	20.0			
19	Guscio	127	39	132	125	3	1	20.0			
20	Guscio	126	123	39	127	3	1	20.0			
21	Guscio	123	58	145	39	3	1	20.0			
22	Setto	111	75	156	112	93	1	60.0			
23	Setto	75	38	154	156	93	1	60.0			
24	Setto	38	102	29	154	93	1	60.0			
25	Setto	28	29	102	80	93	1	80.0			
26	Setto	110	21	14	12	111	1	45.0			
27	Setto	15	78	17		93	1	60.0			
28	Setto	44	78	15	121	93	1	60.0			
29	Setto	22	44	121		93	1	60.0			
30	Setto	43	44	22	31	93	1	60.0			
31	Setto	26	43	31	18	93	1	60.0			
32	Setto	122	26	18	124	93	1	60.0			
33	Setto	21	122	124	14	93	1	60.0			
34	Setto	155	28	80	157	93	1	80.0			
35	Setto	17	155	157	78	93	1	80.0			
36	Setto	125	127	62	19	111	1	60.0			
37	Setto	125	51	127		111	1	60.0			
38	Setto	51	63	127		111	1	60.0			
39	Setto	127	63	126		111	1	60.0			
40	Setto	127	126	62		111	1	60.0			
41	Setto	62	126	30		111	1	60.0			
42	Setto	63	52	30	126	111	1	60.0			
43	Setto	66	1	165		93	1	60.0			
44	Guscio	165	120	117	119	3	1	20.0			
45	Setto	30	116	143	25	93	1	60.0			
46	Setto	170	169	167	23	111	1	25.0			
47	Setto	13	66	119	116	93	1	60.0			
48	Setto	116	119	101	143	93	1	60.0			
49	Setto	119	66	101		93	1	60.0			
50	Setto	86	96	63	51	111	1	50.0			
51	Setto	172	180	92	179	111	1	25.0			
52	Setto	67	37	1	66	111	1	50.0			
53	Setto	53	67	66	13	111	1	50.0			
54	Setto	99	73	37	67	111	1	50.0			
55	Setto	162	99	67	53	111	1	50.0			
56	Setto	15	17	49	131	111	1	50.0			
57	Setto	50	131	49		111	1	50.0			
58	Setto	31	22	58	57	111	1	50.0			
59	Setto	18	31	57	34	111	1	50.0			
60	Setto	124	18	34		111	1	50.0			
61	Setto	32	124	34		111	1	50.0			
62	Setto	14	124	32		111	1	50.0			
63	Setto	12	14	32	59	111	1	50.0			
64	Setto	115	12	59		111	1	50.0			
65	Setto	6	115	59	61	111	1	50.0			
66	Setto	138	6	61	60	111	1	50.0			
67	Setto	2	137	10	36	111	1	50.0			
68	Setto	50	49	84	85	111	1	50.0			
69	Setto	57	58	92	91	111	1	50.0			
70	Setto	34	57	91	70	111	1	50.0			
71	Setto	32	34	70	68	111	1	50.0			
72	Setto	59	32	68	93	111	1	50.0			
73	Setto	61	59	93	95	111	1	50.0			

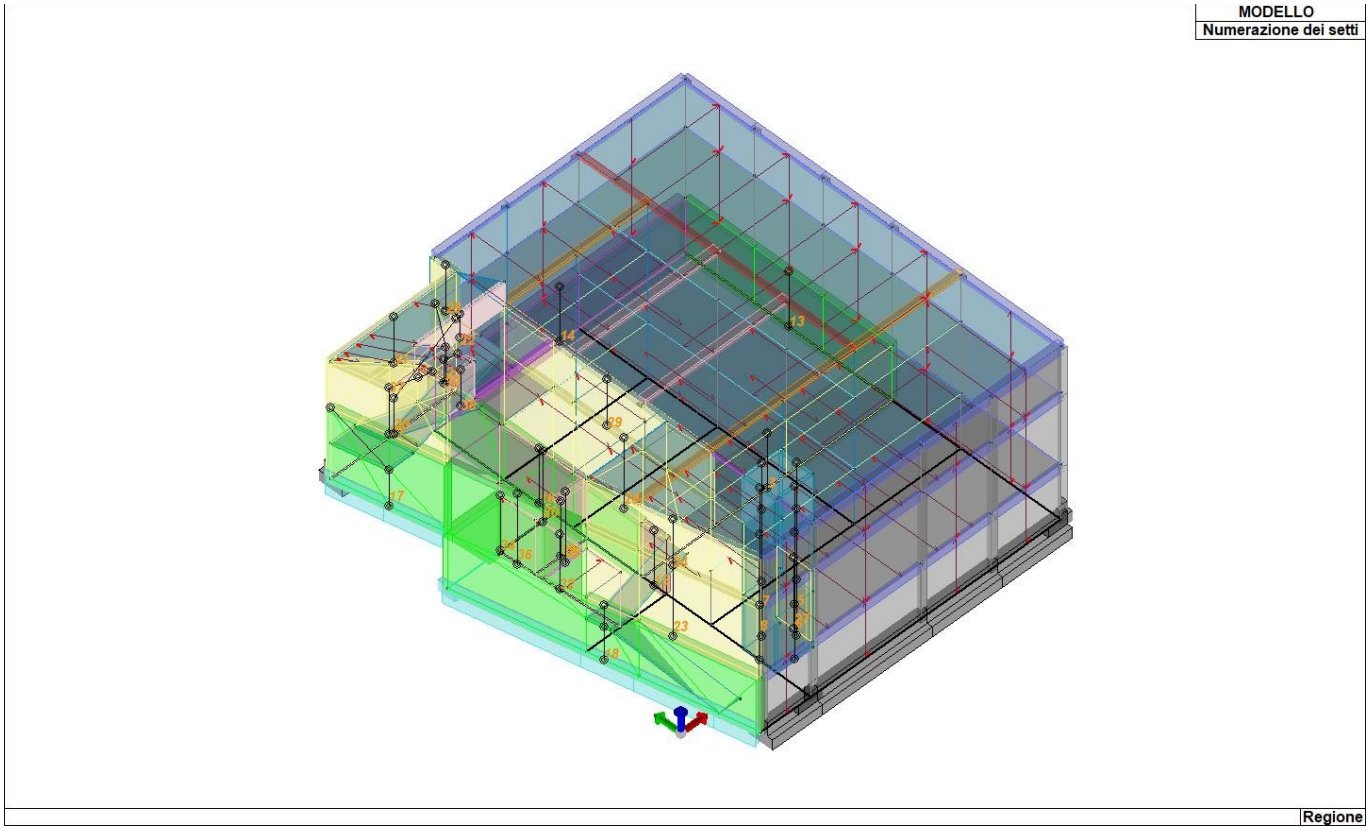
74	Setto	125	132	15	19	111	1	50.0
75	Setto	132	131	15		111	1	50.0
76	Setto	132	50	131		111	1	50.0
77	Setto	51	50	132	125	111	1	50.0
78	Setto	86	85	50	51	111	1	50.0
79	Setto	23	128	129	141	111	1	25.0
80	Setto	128	133	130	129	111	1	25.0
81	Setto	128	124	122	129	111	1	25.0
82	Setto	23	31	43	141	93	1	60.0
83	Setto	30	23	141	25	93	1	60.0
84	Setto	14	109	11	21	93	1	50.0
85	Setto	109	16	24	11	93	1	50.0
86	Setto	101	66	165		93	1	60.0
87	Setto	165	1	100		93	1	60.0
88	Setto	168	169	167	166	111	1	25.0
89	Setto	52	168	166	30	93	1	60.0
90	Setto	168	53	13	166	93	1	60.0
91	Setto	30	166	116		93	1	60.0
92	Setto	166	13	116		93	1	60.0
93	Setto	177	171	87	175	111	1	50.0
94	Setto	96	177	175		111	1	50.0
95	Setto	96	175	52	63	111	1	50.0
96	Setto	175	87	52		111	1	50.0
97	Setto	171	174	173	87	111	1	25.0
98	Setto	178	174	173	176	111	1	25.0
99	Setto	172	178	176	179	111	1	25.0
100	Setto	86	181	96		111	1	50.0
101	Setto	181	177	96		111	1	50.0



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_MACRO



16_MOD_NUMERAZIONE_D3_PARETI

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

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

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

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

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

Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

La progettazione viene eseguita con il metodo degli stati limite.I simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce instantanee e a tempo infinito
Momento	Momento flettente
Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni freq. [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi perm. [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

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

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

Utilizzabile per il materiale [52].

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

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

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

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

ID Arch.	Tipo	G1	G2	Q	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		daN/ m2	daN/ m2	daN/ m2							
1	Variab.	320.00	330.00	200.00		1.00	0.70	0.50	0.30	0.30	1.00
2	Neve	320.00	170.00	50.00		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.						0.70	0.50	0.30		
3	Neve	260.00	85.00	50.00		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.						0.70	0.50	0.30		
4	Variab.	360.00	330.00	200.00		1.00	0.70	0.50	0.30	0.30	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						daN/ m2	daN/ m2	daN/ m2					
1	SM	3	m=158	1.0	90.0	260.00	85.00	50.00	23	128	124	18	31
2	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	2	150	146	5	9
									8	7	6	138	140
									139	137			
3	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	6	7	8	16	109
									14	12	115		
4	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	14	109	16	20	54
									18	124			
5	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	18	54	20	3	4
									22	31			
6	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	17	15	121	22	3
									28	155			
7	SM	1	m=3	1.0	0.0	320.00	330.00	200.00	8	9	112	156	154
									29	28	3	20	16
8	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	67	37	36	10	60
									61				
9	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	36	151	147	41	42
									55	56	61	60	108
									94	10			
10	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	61	56	55	33	32
									59				
11	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	32	33	35	34	

12	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	34	35	64	65	58	
									57					
13	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	58	65	64	47	158	
									49	50	145			
14	SM	4	m=3	1.0	0.0	360.00	330.00	200.00	55	42	113	159	161	
									46	47	64	35	33	
15	SM	1	m=3	1.0	90.0	320.00	330.00	200.00	52	57	58	63		
16	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	99	73	72	83	79	
									95					
17	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	72	152	148	76	77	
									89	90	95	79	48	
									27	83				
18	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	95	90	89	69	68	
									93					
19	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	70	68	69	71		
20	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	92	91	70	71	97	
									98					
21	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	84	85	92	98	97	
									82	160				
22	SM	2	m=3	1.0	90.0	320.00	170.00	50.00	162	99	95	93		
23	SM	2	m=3	1.0	0.0	320.00	170.00	50.00	89	77	114	163	164	
									81	82	97	71	69	
24	SM	1	m=3	1.00e-03	0.0	320.00	330.00	200.00	23	30	166	13	133	
									167					
25	SM	1	m=3	1.00e-03	0.0	320.00	330.00	200.00	170	52	168	169		
26	SM	2	m=3	1.00e-03	90.0	320.00	170.00	50.00	174	178	177	171		
27	SM	2	m=3	1.00e-03	90.0	320.00	170.00	50.00	91	92	179	176	173	
28	SM	2	m=3	1.00e-03	90.0	320.00	170.00	50.00	86	181	177	178	172	
									180	85				
29	PM		m=1	1.00e-03	90.0				42	77	76	41		
30	PM		m=1	1.0	90.0				111	112	9	107		
31	PM		m=1	1.00e-03	90.0				112	113	42	9		
32	PM		m=1	1.00e-03	90.0				113	114	77	42		
33	PM		m=1	1.00e-03	90.0				159	163	114	113		
34	PM		m=1	1.00e-03	90.0				161	164	163	159		
35	PM		m=1	1.00e-03	90.0				46	81	164	161		
36	PM		m=1	1.00e-03	90.0				112	156	159	113		
37	PM		m=1	1.00e-03	90.0				156	154	161	159		
38	PM		m=1	1.00e-03	90.0				161	154	29	46		
39	PM		m=1	1.00e-03	90.0				81	46	47	82		
40	PM		m=1	1.00e-03	90.0				82	47	158	160		
41	PM		m=1	1.00e-03	90.0				158	49	84	160		
42	PM		m=1	1.00e-03	90.0				29	28	47	46		
43	PM		m=1	1.00e-03	90.0				28	155	158	47		
44	PM		m=1	1.00e-03	90.0				155	17	49	158		
45	PM		m=1	1.00e-03	90.0				147	148	76	41		
46	PM		m=1	1.00e-03	90.0				1	37	36	2		
47	PM		m=1	1.00e-03	90.0				37	73	72	36		
48	PM		m=1	1.00e-03	90.0				142	2	150	153		
49	PM		m=1	1.00e-03	90.0				2	36	151	150		
50	PM		m=1	1.00e-03	90.0				36	72	152	151		
51	PM		m=1	1.00e-03	90.0				153	150	146	149		
52	PM		m=1	1.00e-03	90.0				150	151	147	146		
53	PM		m=1	1.00e-03	90.0				151	152	148	147		
54	PM		m=1	1.00e-03	90.0				149	146	5	103		
55	PM		m=1	1.00e-03	90.0				146	147	41	5		
56	PM		m=1	1.00e-03	90.0				107	9	5	103		
57	PM		m=1	1.00e-03	90.0				1	2	142	100		
58	PM		m=1	1.00e-03	90.0				9	42	41	5		

Elem.	Stato	Note	f ist	f infi	Pos.	Momento	Af inf.	Af. sup	V N/M	x/d	Taglio	Af V	verif. V	B eff
			cm	cm	cm	daN cm	cm2	cm2			daN	cm2		cm
2	ok L	s=7,m=3	-0.92	-0.83	0.0	-1.756e+05	0.46	1.99	0.97	0.05	-1785.92	0.0	0.30	50.0
					20.0	-1.411e+05	0.46	2.34	0.71	0.20	-1664.82	0.0	1.00	10.0
					294.9	8.779e+04	1.17	0.0	0.82	0.02	0.0	0.0	0.0	10.0
					574.9	-1.495e+05	0.46	2.47	0.72	0.21	1695.10	0.0	1.00	10.0
					589.9	-1.756e+05	0.46	1.99	0.97	0.05	1785.92	0.0	0.30	50.0
3	ok L	s=7,m=3	-0.07	-0.09	0.0	-8.077e+04	0.31	0.91	0.96	0.03	-1211.30	0.0	0.20	50.0
					15.0	-6.329e+04	0.31	0.91	0.79	0.08	-1120.48	0.0	0.92	10.0
					200.1	4.039e+04	0.88	0.0	0.50	0.02	0.0	0.0	0.0	10.0
					380.1	-5.776e+04	0.31	0.91	0.72	0.08	1090.20	0.0	0.90	10.0
					400.1	-8.077e+04	0.31	0.91	0.96	0.03	1211.30	0.0	0.20	50.0
4	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.297e+04	0.31	0.93	0.96	0.03	-1227.65	0.0	0.21	50.0
					20.0	-5.963e+04	0.31	0.93	0.72	0.08	-1106.55	0.0	0.90	10.0
					202.8	4.148e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					385.5	-5.963e+04	0.31	0.93	0.72	0.08	1106.55	0.0	0.90	10.0

					405.5	-8.297e+04	0.31	0.93	0.96	0.03	1227.65	0.0	0.21	50.0
5	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.321e+04	0.31	0.93	0.96	0.03	-1229.47	0.0	0.21	50.0
					20.0	-5.984e+04	0.31	0.93	0.72	0.08	-1108.37	0.0	0.90	10.0
					203.0	4.161e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					391.1	-6.545e+04	0.31	0.93	0.79	0.08	1138.64	0.0	0.93	10.0
					406.1	-8.321e+04	0.31	0.93	0.96	0.03	1229.47	0.0	0.21	50.0
6	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.344e+04	0.31	0.94	0.96	0.03	-1231.13	0.0	0.21	50.0
					15.0	-6.565e+04	0.31	0.94	0.79	0.08	-1140.31	0.0	0.93	10.0
					203.3	4.172e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					366.6	-3.904e+04	0.31	0.89	0.49	0.08	988.93	0.0	0.82	10.0
					406.6	-8.344e+04	0.31	0.94	0.96	0.03	1231.13	0.0	0.21	50.0
7	ok L	s=7,m=3	-1.16	-0.96	0.0	-1.965e+05	0.48	2.23	0.97	0.05	-1889.16	0.0	0.32	50.0
					17.5	-1.643e+05	0.48	2.87	0.69	0.25	-1783.20	0.0	1.00	10.0
					312.0	9.824e+04	1.32	0.0	0.82	0.03	0.0	0.0	0.0	10.0
					594.0	-1.425e+05	0.48	2.52	0.67	0.22	1707.51	0.0	1.00	10.0
					624.0	-1.965e+05	0.48	2.23	0.97	0.05	1889.16	0.0	0.32	50.0
8	ok L	s=7,m=3	-0.92	-0.83	0.0	-1.756e+05	0.46	1.99	0.97	0.05	-1785.92	0.0	0.30	50.0
					20.0	-1.411e+05	0.46	2.34	0.71	0.20	-1664.82	0.0	1.00	10.0
					294.9	8.779e+04	1.17	0.0	0.82	0.02	0.0	0.0	0.0	10.0
					574.9	-1.495e+05	0.46	2.47	0.72	0.21	1695.10	0.0	1.00	10.0
					589.9	-1.756e+05	0.46	1.99	0.97	0.05	1785.92	0.0	0.30	50.0
9	ok L	s=7,m=3	-0.92	-0.83	0.0	-1.756e+05	0.46	1.99	0.97	0.05	-1785.92	0.0	0.30	50.0
					20.0	-1.411e+05	0.46	2.34	0.71	0.20	-1664.82	0.0	1.00	10.0
					294.9	8.779e+04	1.17	0.0	0.82	0.02	0.0	0.0	0.0	10.0
					574.9	-1.495e+05	0.46	2.47	0.72	0.21	1695.10	0.0	1.00	10.0
					589.9	-1.756e+05	0.46	1.99	0.97	0.05	1785.92	0.0	0.30	50.0
10	ok L	s=7,m=3	-0.07	-0.09	0.0	-8.077e+04	0.31	0.91	0.96	0.03	-1211.30	0.0	0.20	50.0
					15.0	-6.329e+04	0.31	0.91	0.79	0.08	-1120.48	0.0	0.92	10.0
					200.1	4.039e+04	0.88	0.0	0.50	0.02	0.0	0.0	0.0	10.0
					380.1	-5.776e+04	0.31	0.91	0.72	0.08	1090.20	0.0	0.90	10.0
					400.1	-8.077e+04	0.31	0.91	0.96	0.03	1211.30	0.0	0.20	50.0
11	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.297e+04	0.31	0.93	0.96	0.03	-1227.65	0.0	0.21	50.0
					20.0	-5.963e+04	0.31	0.93	0.72	0.08	-1106.55	0.0	0.90	10.0
					202.8	4.148e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					385.5	-5.963e+04	0.31	0.93	0.72	0.08	1106.55	0.0	0.90	10.0
					405.5	-8.297e+04	0.31	0.93	0.96	0.03	1227.65	0.0	0.21	50.0
12	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.317e+04	0.31	0.93	0.96	0.03	-1229.17	0.0	0.21	50.0
					20.0	-5.980e+04	0.31	0.93	0.72	0.08	-1108.07	0.0	0.90	10.0
					203.0	4.159e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					391.0	-6.542e+04	0.31	0.93	0.79	0.08	1138.34	0.0	0.93	10.0
					406.0	-8.317e+04	0.31	0.93	0.96	0.03	1229.17	0.0	0.21	50.0
13	ok L	s=7,m=3	-0.08	-0.09	0.0	-8.342e+04	0.31	0.94	0.96	0.03	-1230.98	0.0	0.21	50.0
					15.0	-6.564e+04	0.31	0.94	0.79	0.08	-1140.16	0.0	0.93	10.0
					203.3	4.171e+04	0.88	0.0	0.52	0.02	0.0	0.0	0.0	10.0
					386.6	-6.001e+04	0.31	0.94	0.72	0.08	1109.88	0.0	0.90	10.0
					406.6	-8.342e+04	0.31	0.94	0.96	0.03	1230.98	0.0	0.21	50.0
15	ok L	s=7,m=3	-0.02	-0.02	0.0	-4.113e+04	0.22	0.88	0.53	0.08	-864.35	0.0	0.72	10.0
					142.8	2.056e+04	0.88	0.0	0.26	0.02	0.0	0.0	0.0	10.0
					285.5	-4.113e+04	0.22	0.88	0.53	0.08	864.35	0.0	0.72	10.0
16	ok L	s=7,m=3	-0.52	-0.28	0.0	-7.699e+04	0.20	0.97	0.86	0.02	-783.09	0.0	0.13	50.0
					20.0	-6.186e+04	0.20	0.97	0.72	0.09	-729.99	0.0	0.59	10.0
					294.9	3.850e+04	0.88	0.0	0.48	0.02	0.0	0.0	0.0	10.0
					574.9	-6.554e+04	0.20	0.97	0.76	0.09	743.27	0.0	0.60	10.0
					589.9	-7.699e+04	0.20	0.97	0.86	0.02	783.09	0.0	0.13	50.0
17	ok L	s=7,m=3	-0.52	-0.28	0.0	-7.699e+04	0.20	0.97	0.86	0.02	-783.09	0.0	0.13	50.0
					20.0	-6.186e+04	0.20	0.97	0.72	0.09	-729.99	0.0	0.59	10.0
					294.9	3.850e+04	0.88	0.0	0.48	0.02	0.0	0.0	0.0	10.0
					574.9	-6.554e+04	0.20	0.97	0.76	0.09	743.27	0.0	0.60	10.0
					589.9	-7.699e+04	0.20	0.97	0.86	0.02	783.09	0.0	0.13	50.0
18	ok L	s=7,m=3	-0.05	-0.06	0.0	-3.542e+04	0.14	0.88	0.44	0.02	-531.13	0.0	0.09	50.0
					15.0	-2.775e+04	0.14	0.88	0.36	0.09	-491.31	0.0	0.41	10.0
					200.1	1.771e+04	0.88	0.0	0.22	0.02	0.0	0.0	0.0	10.0
					380.1	-2.533e+04	0.14	0.88	0.33	0.09	478.03	0.0	0.40	10.0
					400.1	-3.542e+04	0.14	0.88	0.44	0.02	531.13	0.0	0.09	50.0
19	ok L	s=7,m=3	-0.05	-0.06	0.0	-3.638e+04	0.14	0.88	0.45	0.02	-538.30	0.0	0.09	50.0
					20.0	-2.615e+04	0.14	0.88	0.34	0.09	-485.20	0.0	0.40	10.0
					202.8	1.819e+04	0.88	0.0	0.23	0.02	0.0	0.0	0.0	10.0
					385.5	-2.615e+04	0.14	0.88	0.34	0.09	485.20	0.0	0.40	10.0
					405.5	-3.638e+04	0.14	0.88	0.45	0.02	538.30	0.0	0.09	50.0
20	ok L	s=7,m=3	-0.05	-0.06	0.0	-3.647e+04	0.14	0.88	0.45	0.02	-538.97	0.0	0.09	50.0
					20.0	-2.622e+04	0.14	0.88	0.34	0.09	-485.87	0.0	0.40	10.0
					203.0	1.823e+04	0.88	0.0	0.23	0.02	0.0	0.0	0.0	10.0
					391.0	-2.868e+04	0.14	0.88	0.37	0.09	499.14	0.0	0.42	10.0
					406.0	-3.647e+04	0.14	0.88	0.45	0.02	538.97	0.0	0.09	50.0
21	ok L	s=7,m=3	-0.05	-0.06	0.0	-3.658e+04	0.14	0.88	0.45	0.02	-539.76	0.0	0.09	50.0
					15.0	-2.878e+04	0.14	0.88	0.37	0.09	-499.94	0.0	0.42	10.0
					203.3	1.829e+04	0.88	0.0	0.23	0.02	0.0	0.0	0.0	10.0

					386.6	-2.631e+04	0.14	0.88	0.34	0.09	486.66	0.0	0.41	10.0
					406.6	-3.658e+04	0.14	0.88	0.45	0.02	539.76	0.0	0.09	50.0
22	ok L	s=7,m=3	-0.45	-0.50	0.0	-8.748e+04	0.0	1.11	0.86	0.02	-681.54	0.0	0.12	50.0
					15.0	-7.755e+04	0.0	1.11	0.80	0.12	-641.71	0.0	0.49	10.0
					256.7	0.0	0.0	0.88	0.0	0.09	0.0	0.0	0.0	10.0
23	ok L	s=7,m=3	-0.68	-0.68	0.0	-8.615e+04	0.21	1.09	0.86	0.03	-828.36	0.0	0.14	50.0
					15.0	-7.402e+04	0.21	1.09	0.77	0.10	-788.53	0.0	0.61	10.0
					312.0	4.307e+04	0.88	0.0	0.54	0.02	0.0	0.0	0.0	10.0
					604.0	-7.011e+04	0.21	1.09	0.73	0.10	775.26	0.0	0.60	10.0
					624.0	-8.615e+04	0.21	1.09	0.86	0.03	828.36	0.0	0.14	50.0
24	ok L	s=7,m=3	-0.07	-0.08	0.0	0.0	0.88	0.0	0.0	0.02	-791.52	0.0	0.13	50.0
					30.0	2.102e+04	0.88	0.0	0.26	0.02	-609.87	0.0	0.51	10.0
					130.7	5.173e+04	0.88	0.0	0.65	0.02	0.0	0.0	0.0	10.0
					248.9	9420.96	0.88	0.0	0.12	0.02	715.83	0.0	0.60	10.0
					261.4	0.0	0.88	0.0	0.0	0.02	791.52	0.0	0.13	50.0
25	ok L	s=7,m=3	-0.18	-0.09	0.0	0.0	0.88	0.0	0.0	0.02	-824.10	0.0	0.14	50.0
					30.0	2.200e+04	0.88	0.0	0.27	0.02	-642.45	0.0	0.54	10.0
					136.1	5.608e+04	0.88	0.0	0.70	0.02	0.0	0.0	0.0	10.0
					259.7	9828.17	0.88	0.0	0.12	0.02	748.41	0.0	0.62	10.0
					272.2	0.0	0.88	0.0	0.0	0.02	824.10	0.0	0.14	50.0
26	ok L	s=7,m=3	-0.05	-0.06	0.0	-2.987e+04	0.0	0.88	0.37	0.02	-398.25	0.0	0.07	50.0
					12.5	-2.510e+04	0.0	0.88	0.32	0.09	-365.06	0.0	0.30	10.0
					150.0	0.0	0.0	0.88	0.0	0.02	0.0	0.0	0.0	10.0
27	ok L	s=7,m=3	-0.06	-0.08	0.0	0.0	0.88	0.0	0.0	0.02	-379.00	0.0	0.06	50.0
					10.0	3657.26	0.88	0.0	0.05	0.02	-352.45	0.0	0.29	10.0
					142.8	2.705e+04	0.88	0.0	0.34	0.02	0.0	0.0	0.0	10.0
					275.5	3657.26	0.88	0.0	0.05	0.02	352.45	0.0	0.29	10.0
					285.5	0.0	0.88	0.0	0.0	0.02	379.00	0.0	0.06	50.0
28	ok L	s=7,m=3	-0.09	-0.12	0.0	0.0	0.88	0.0	0.0	0.02	-419.17	0.0	0.07	50.0
					12.5	5032.23	0.88	0.0	0.06	0.02	-385.98	0.0	0.32	10.0
					157.9	3.309e+04	0.88	0.0	0.41	0.02	0.0	0.0	0.0	10.0
					290.8	9649.62	0.88	0.0	0.12	0.02	352.80	0.0	0.29	10.0
					315.8	0.0	0.88	0.0	0.0	0.02	419.17	0.0	0.07	50.0

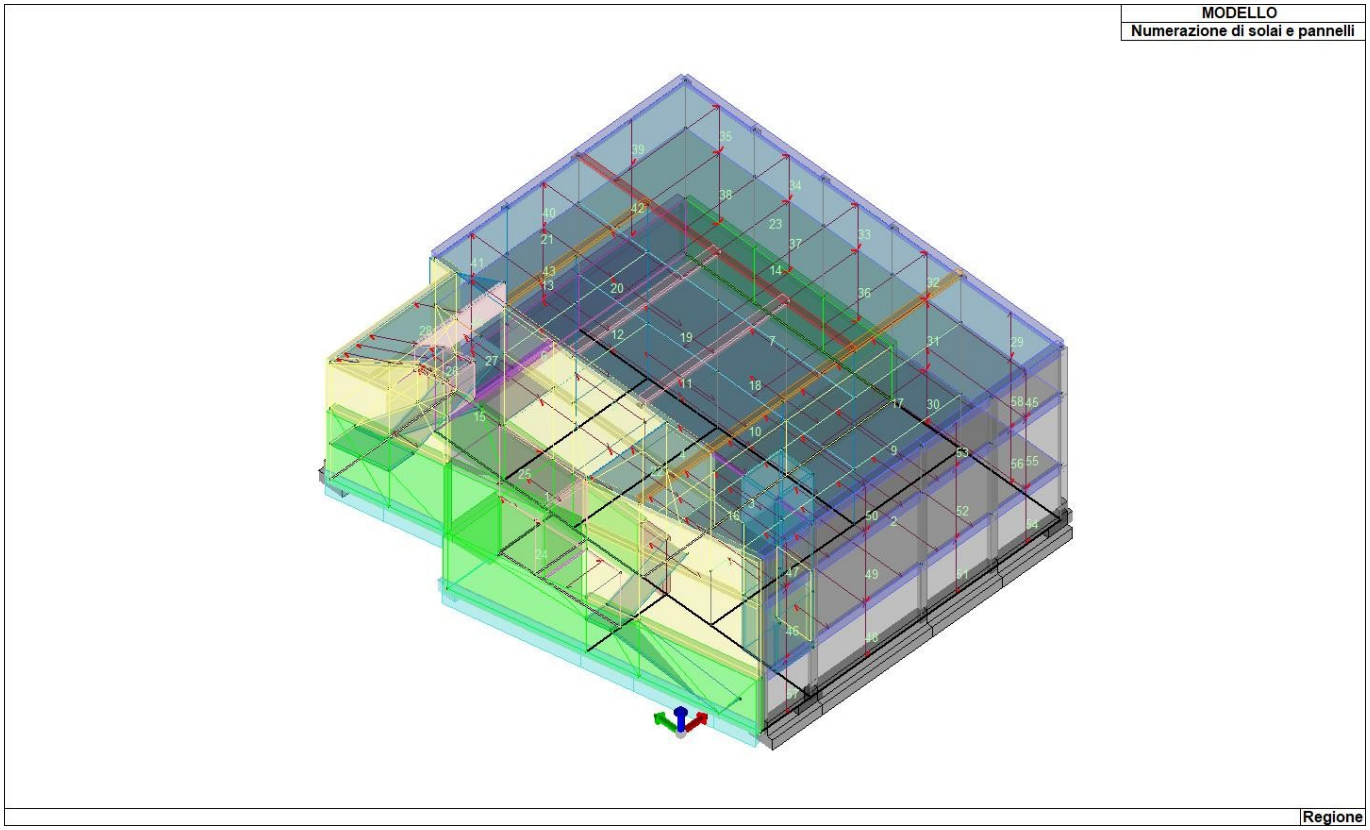
Elem.		f ist	f infi	Momento	Af inf.	Af. sup	V N/M	x/d	Taglio	Af V	verif. V	
				-1.965e+05					-1889.16			
		-0.02	-0.02	9.824e+04	1.32	2.87	0.97	0.25	1889.16	0.0	1.00	

Elem.	Pos.	rRfck	rFfck	rPfck	rRfyk	rFfyk	rPfyk	wR	wF	wP
	cm							mm	mm	mm
2	0.0	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0
	20.0	0.52	0.46	0.58	0.57	0.50	0.48	0.09	0.08	0.08
	294.9	0.17	0.15	0.19	0.65	0.58	0.55	0.07	0.06	0.06
	574.9	0.54	0.48	0.61	0.58	0.51	0.48	0.09	0.08	0.08
	589.9	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0
3	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	15.0	0.33	0.29	0.37	0.63	0.56	0.53	0.0	0.0	0.0
	200.1	0.09	0.08	0.10	0.40	0.35	0.33	0.0	0.0	0.0
	380.1	0.30	0.27	0.34	0.58	0.51	0.48	0.0	0.0	0.0
	400.1	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
4	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	20.0	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	202.8	0.09	0.08	0.10	0.41	0.36	0.34	0.0	0.0	0.0
	385.5	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	405.5	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
5	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	20.0	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	203.0	0.09	0.08	0.10	0.41	0.36	0.34	0.0	0.0	0.0
	391.1	0.34	0.30	0.38	0.64	0.56	0.53	0.0	0.0	0.0
	406.1	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
6	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	15.0	0.34	0.30	0.38	0.64	0.56	0.53	0.0	0.0	0.0
	203.3	0.09	0.08	0.10	0.41	0.37	0.35	0.0	0.0	0.0
	366.6	0.20	0.18	0.23	0.40	0.35	0.33	0.0	0.0	0.0
	406.6	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
7	0.0	0.28	0.25	0.32	0.78	0.69	0.65	0.13	0.0	0.0
	17.5	0.57	0.50	0.64	0.55	0.48	0.46	0.08	0.07	0.06
	312.0	0.18	0.16	0.20	0.65	0.58	0.55	0.07	0.06	0.06
	594.0	0.51	0.45	0.57	0.54	0.47	0.45	0.08	0.07	0.07
	624.0	0.28	0.25	0.32	0.78	0.69	0.65	0.13	0.0	0.0
8	0.0	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0
	20.0	0.52	0.46	0.58	0.57	0.50	0.48	0.09	0.08	0.08
	294.9	0.17	0.15	0.19	0.65	0.58	0.55	0.07	0.06	0.06
	574.9	0.54	0.48	0.61	0.58	0.51	0.48	0.09	0.08	0.08
	589.9	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0

9	0.0	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0
	20.0	0.52	0.46	0.58	0.57	0.50	0.48	0.09	0.08	0.08
	294.9	0.17	0.15	0.19	0.65	0.58	0.55	0.07	0.06	0.06
	574.9	0.54	0.48	0.61	0.58	0.51	0.48	0.09	0.08	0.08
	589.9	0.27	0.23	0.30	0.78	0.69	0.65	0.0	0.0	0.0
10	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	15.0	0.33	0.29	0.37	0.63	0.56	0.53	0.0	0.0	0.0
	200.1	0.09	0.08	0.10	0.40	0.35	0.33	0.0	0.0	0.0
	380.1	0.30	0.27	0.34	0.58	0.51	0.48	0.0	0.0	0.0
	400.1	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
11	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	20.0	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	202.8	0.09	0.08	0.10	0.41	0.36	0.34	0.0	0.0	0.0
	385.5	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	405.5	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
12	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	20.0	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	203.0	0.09	0.08	0.10	0.41	0.36	0.34	0.0	0.0	0.0
	391.0	0.34	0.30	0.38	0.64	0.56	0.53	0.0	0.0	0.0
	406.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
13	0.0	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
	15.0	0.34	0.30	0.38	0.64	0.56	0.53	0.0	0.0	0.0
	203.3	0.09	0.08	0.10	0.41	0.37	0.35	0.0	0.0	0.0
	386.6	0.31	0.27	0.34	0.58	0.51	0.49	0.0	0.0	0.0
	406.6	0.17	0.15	0.19	0.77	0.68	0.65	0.0	0.0	0.0
15	0.0	0.22	0.20	0.25	0.43	0.38	0.36	0.0	0.0	0.0
	142.8	0.05	0.04	0.05	0.20	0.18	0.17	0.0	0.0	0.0
	285.5	0.22	0.20	0.25	0.43	0.38	0.36	0.0	0.0	0.0
16	0.0	0.23	0.21	0.28	1.00	0.92	0.90	0.0	0.0	0.0
	20.0	0.47	0.43	0.56	0.84	0.78	0.76	0.0	0.0	0.0
	294.9	0.12	0.11	0.15	0.55	0.51	0.50	0.05	0.0	0.0
	574.9	0.49	0.46	0.60	0.89	0.82	0.81	0.0	0.0	0.0
	589.9	0.23	0.21	0.28	1.00	0.92	0.90	0.0	0.0	0.0
17	0.0	0.23	0.21	0.28	1.00	0.92	0.90	0.0	0.0	0.0
	20.0	0.47	0.43	0.56	0.84	0.78	0.76	0.0	0.0	0.0
	294.9	0.12	0.11	0.15	0.55	0.51	0.50	0.05	0.0	0.0
	574.9	0.49	0.46	0.60	0.89	0.82	0.81	0.0	0.0	0.0
	589.9	0.23	0.21	0.28	1.00	0.92	0.90	0.0	0.0	0.0
18	0.0	0.11	0.10	0.14	0.51	0.47	0.46	0.0	0.0	0.0
	15.0	0.22	0.20	0.27	0.42	0.39	0.38	0.0	0.0	0.0
	200.1	0.06	0.05	0.07	0.25	0.24	0.23	0.0	0.0	0.0
	380.1	0.20	0.19	0.24	0.38	0.35	0.35	0.0	0.0	0.0
	400.1	0.11	0.10	0.14	0.51	0.47	0.46	0.0	0.0	0.0
19	0.0	0.11	0.11	0.14	0.52	0.48	0.47	0.0	0.0	0.0
	20.0	0.21	0.19	0.25	0.39	0.37	0.36	0.0	0.0	0.0
	202.8	0.06	0.05	0.07	0.26	0.24	0.24	0.0	0.0	0.0
	385.5	0.21	0.19	0.25	0.39	0.37	0.36	0.0	0.0	0.0
	405.5	0.11	0.11	0.14	0.52	0.48	0.47	0.0	0.0	0.0
20	0.0	0.12	0.11	0.14	0.52	0.49	0.48	0.0	0.0	0.0
	20.0	0.21	0.19	0.25	0.40	0.37	0.36	0.0	0.0	0.0
	203.0	0.06	0.05	0.07	0.26	0.24	0.24	0.0	0.0	0.0
	391.0	0.23	0.21	0.28	0.43	0.40	0.39	0.0	0.0	0.0
	406.0	0.12	0.11	0.14	0.52	0.49	0.48	0.0	0.0	0.0
21	0.0	0.12	0.11	0.14	0.53	0.49	0.48	0.0	0.0	0.0
	15.0	0.23	0.21	0.28	0.43	0.40	0.39	0.0	0.0	0.0
	203.3	0.06	0.05	0.07	0.26	0.24	0.24	0.0	0.0	0.0
	386.6	0.21	0.19	0.25	0.40	0.37	0.36	0.0	0.0	0.0
	406.6	0.12	0.11	0.14	0.53	0.49	0.48	0.0	0.0	0.0
22	0.0	0.25	0.23	0.30	0.99	0.92	0.90	0.0	0.0	0.0
	15.0	0.58	0.54	0.71	0.93	0.86	0.85	0.26	0.0	0.0
	256.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.25	0.23	0.30	0.99	0.92	0.90	0.0	0.0	0.0
	15.0	0.53	0.49	0.65	0.90	0.83	0.82	0.25	0.0	0.0
	312.0	0.14	0.13	0.17	0.62	0.57	0.56	0.07	0.07	0.07
	604.0	0.51	0.47	0.61	0.85	0.79	0.77	0.0	0.0	0.0
	624.0	0.25	0.23	0.30	0.99	0.92	0.90	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30.0	0.05	0.04	0.05	0.21	0.18	0.17	0.0	0.0	0.0
	130.7	0.11	0.10	0.13	0.51	0.45	0.43	0.0	0.0	0.0
	248.9	0.02	0.02	0.02	0.09	0.08	0.08	0.0	0.0	0.0
	261.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30.0	0.05	0.04	0.05	0.22	0.19	0.18	0.0	0.0	0.0
	136.1	0.12	0.11	0.14	0.56	0.49	0.46	0.06	0.0	0.0
	259.7	0.02	0.02	0.02	0.10	0.09	0.08	0.0	0.0	0.0
	272.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.10	0.09	0.12	0.43	0.40	0.39	0.0	0.0	0.0

	12.5	0.21	0.19	0.25	0.38	0.35	0.34	0.0	0.0	0.0
	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10.0	0.01	0.01	0.01	0.05	0.05	0.05	0.0	0.0	0.0
	142.8	0.09	0.08	0.10	0.39	0.36	0.35	0.0	0.0	0.0
	275.5	0.01	0.01	0.01	0.05	0.05	0.05	0.0	0.0	0.0
	285.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12.5	0.02	0.01	0.02	0.07	0.07	0.07	0.0	0.0	0.0
	157.9	0.11	0.10	0.13	0.48	0.44	0.43	0.0	0.0	0.0
	290.8	0.03	0.03	0.04	0.14	0.13	0.13	0.0	0.0	0.0
	315.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Elem.	**rRfck**	**rFfck**	**rPfck**	**rRfyk**	**rFfyk**	**rPfyk**	**wR**	**wF**	**wP**
	0.58	0.54	0.71	1.00	0.92	0.90	0.26	0.08	0.08



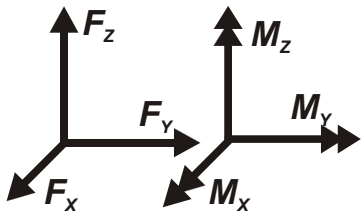
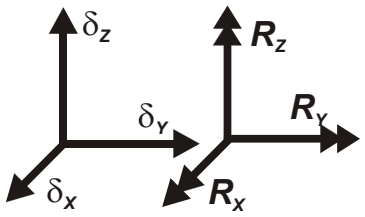
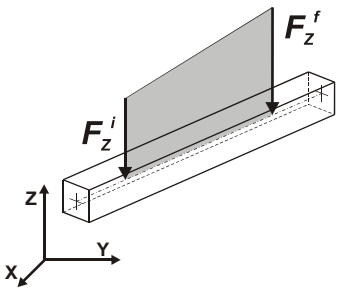
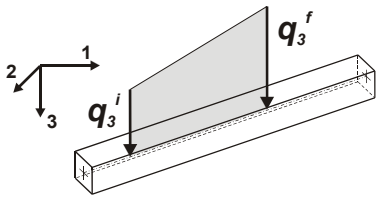
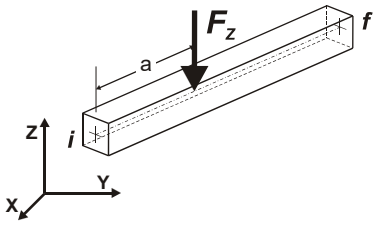
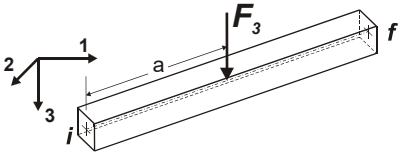
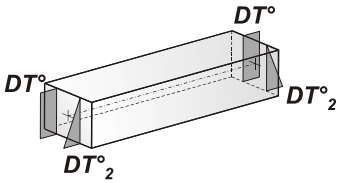
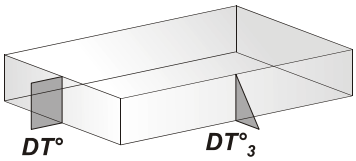
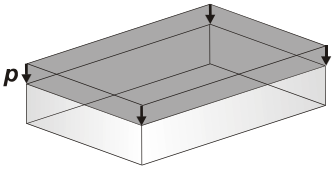
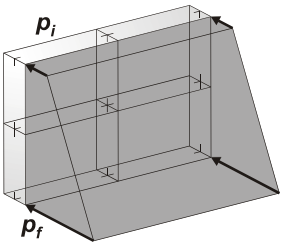
17_MOD_NUMERAZIONE_SOLAI

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 distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		m	daN/ m	daN/ m	daN/ m	daN	daN	daN
1	DG:Fzi=-25.00 Fzf=-25.00	0.0	0.0	0.0	-2500.00	0.0	0.0	0.0
		0.0	0.0	0.0	-2500.00	0.0	0.0	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

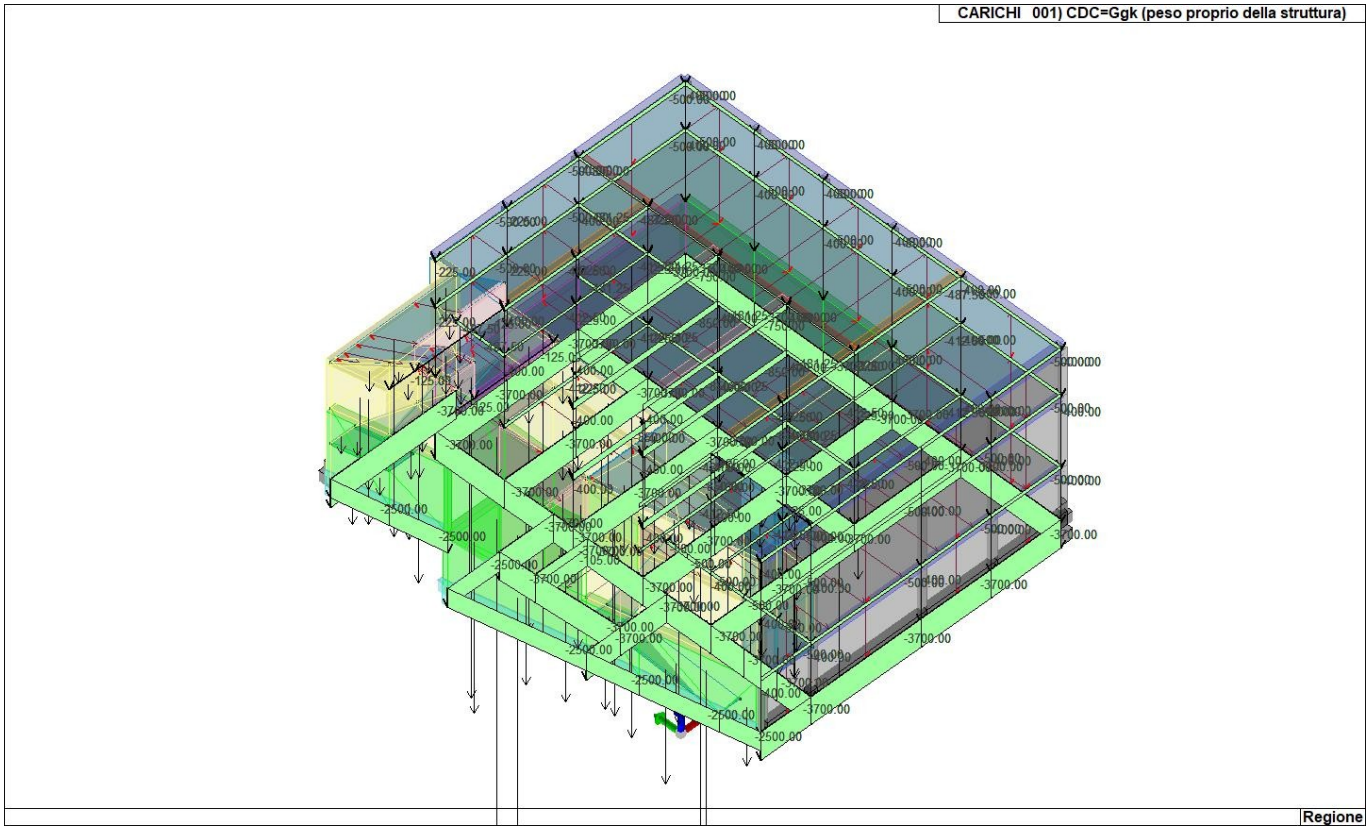
Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

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

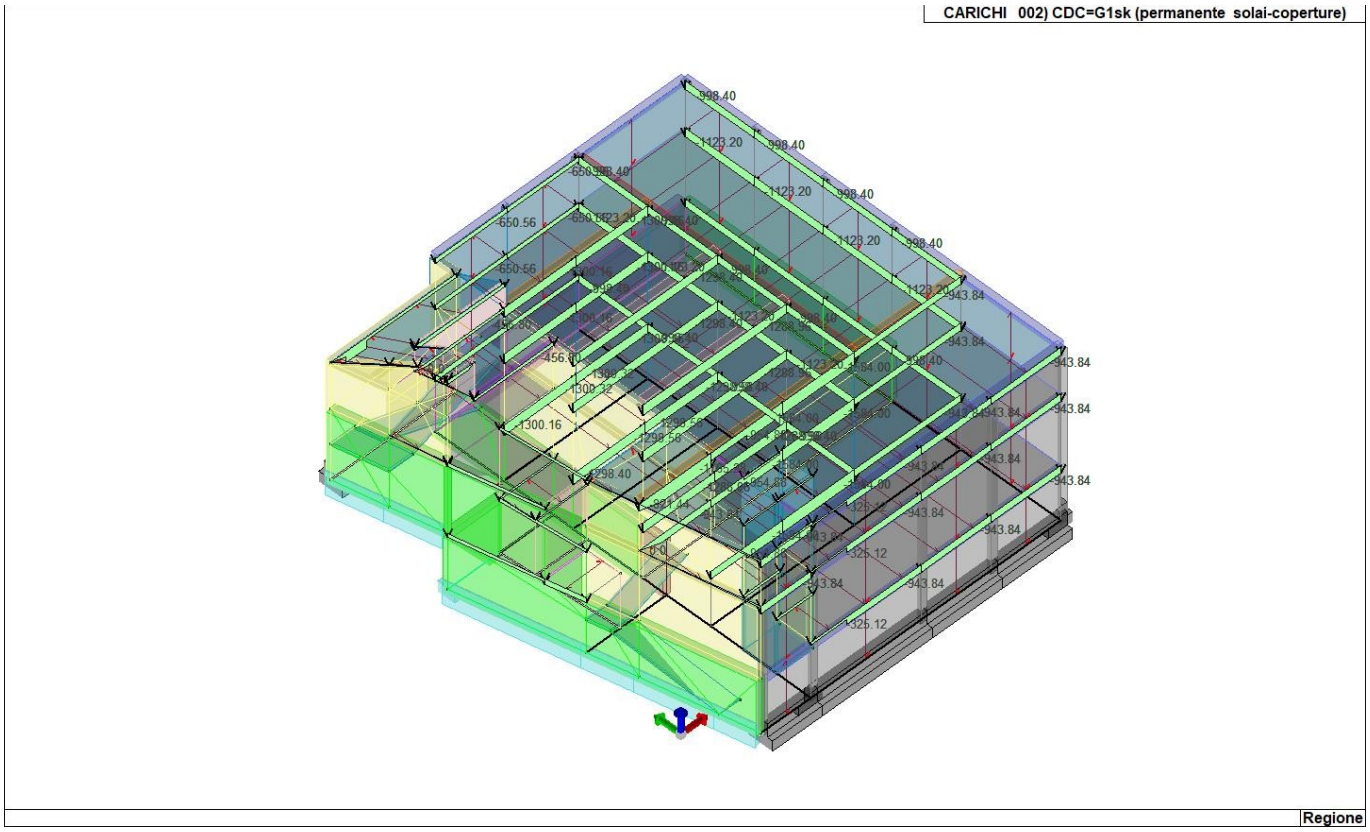
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione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

CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)		
5	Qsk	CDC=Qsk (variabile solai)		

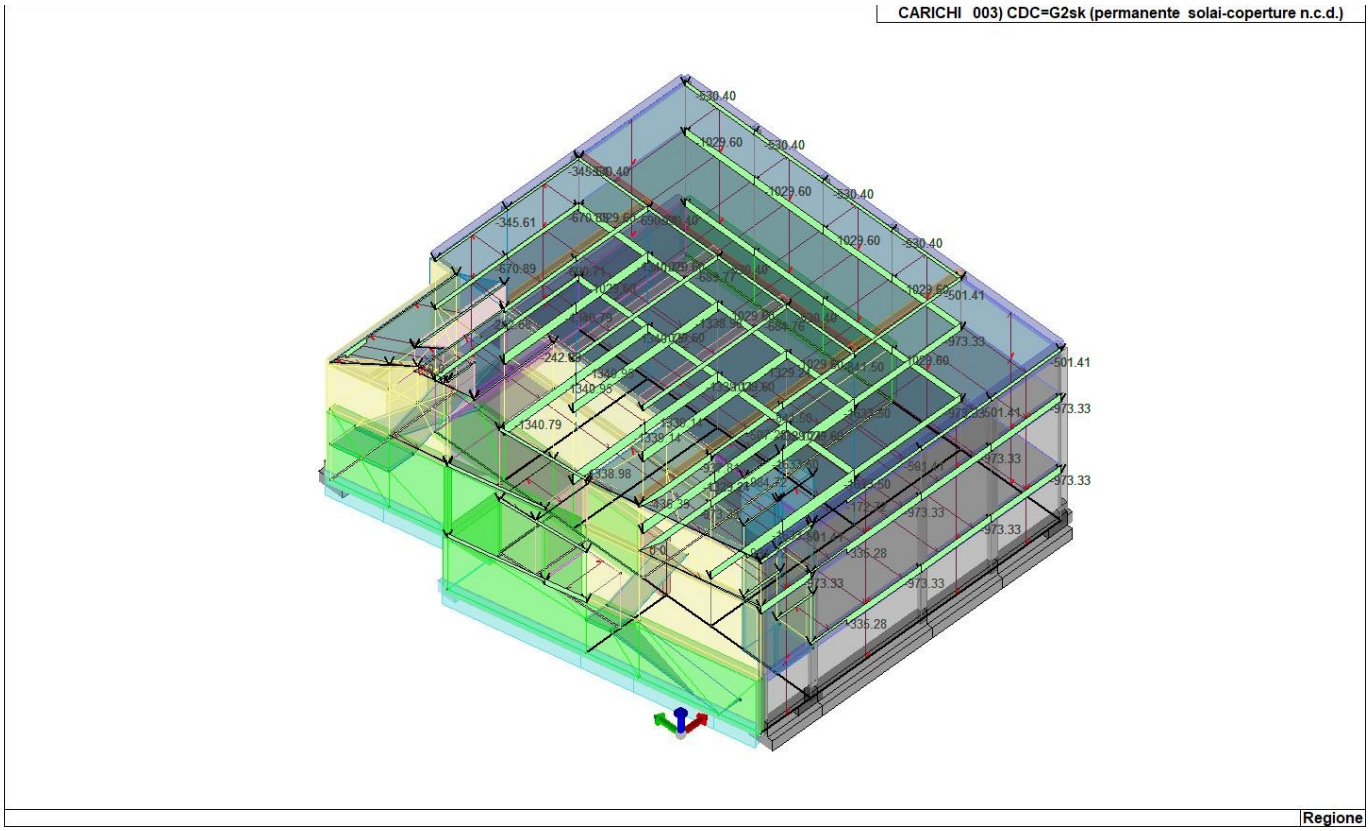
CDC	Tipo	Sigla Id	Note	Per non automatici:
6	Qnk	CDC=Qnk (carico da neve)		
7	Qvk	CDC=Qvk (carico da vento) dir X +	Azioni applicate:	Ad elementi:
8	Qvk	CDC=Qvk (carico da vento) dir X -	Azioni applicate:	Ad elementi:
9	Qvk	CDC=Qvk (carico da vento) dir Y +	Azioni applicate:	Ad elementi:
10	Qvk	CDC=Qvk (carico da vento) dir Y -	Azioni applicate:	Ad elementi:
11	Gk	CDC=G1k (permanente generico)	Azioni applicate:	Ad elementi:
			[1] DG:Fzi=-25.00 Fzf=-25.00	D2: 132 # 139, 150 # 153, 156 # 159, 179 # 180
12	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)	
			partecipazione:1.00 per 5 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 6 CDC=Qnk (carico da neve)	
			partecipazione:1.00 per 11 CDC=G1k (permanente generico)	
13	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
14	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
15	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
16	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
17	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
18	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
19	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	



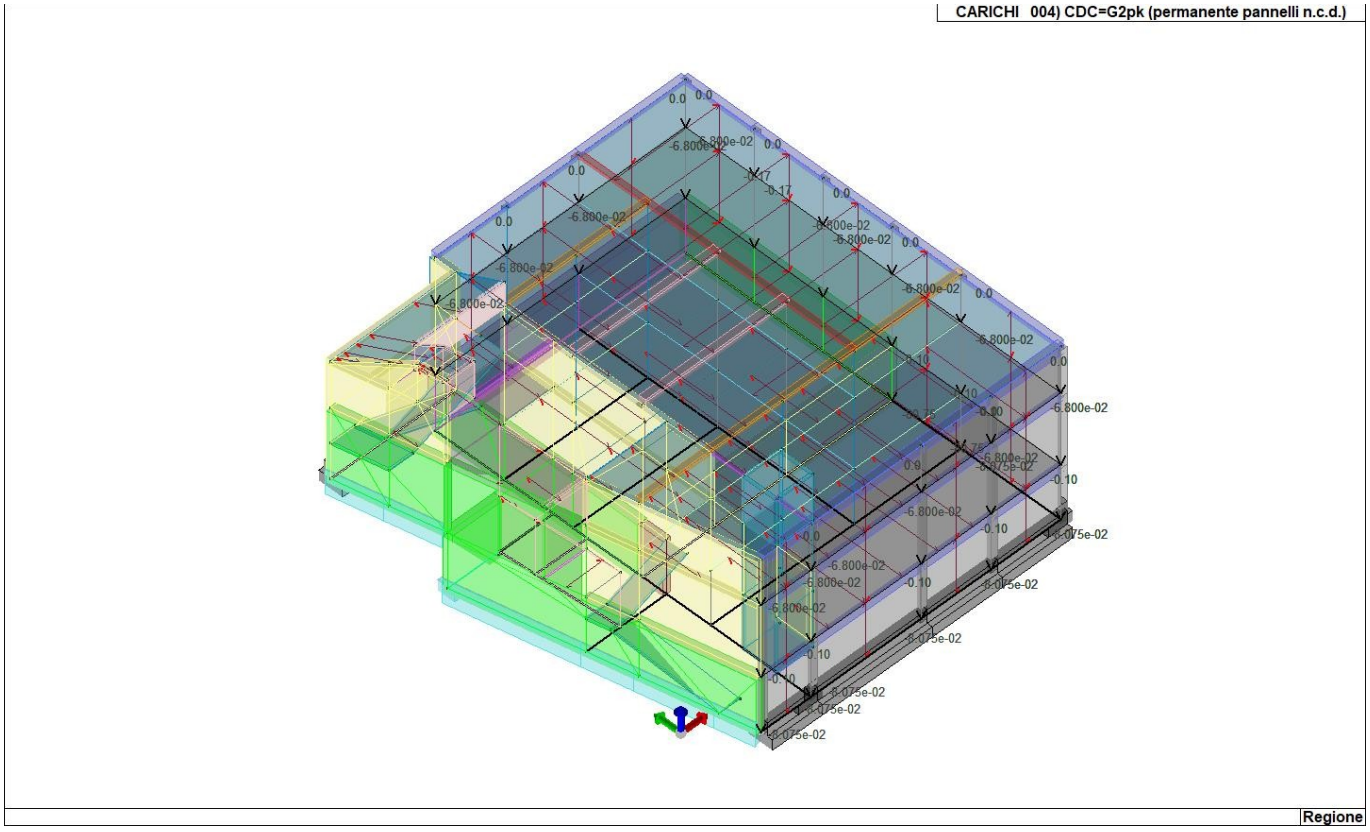
22_CDC_001_CDCGgk peso proprio della struttura



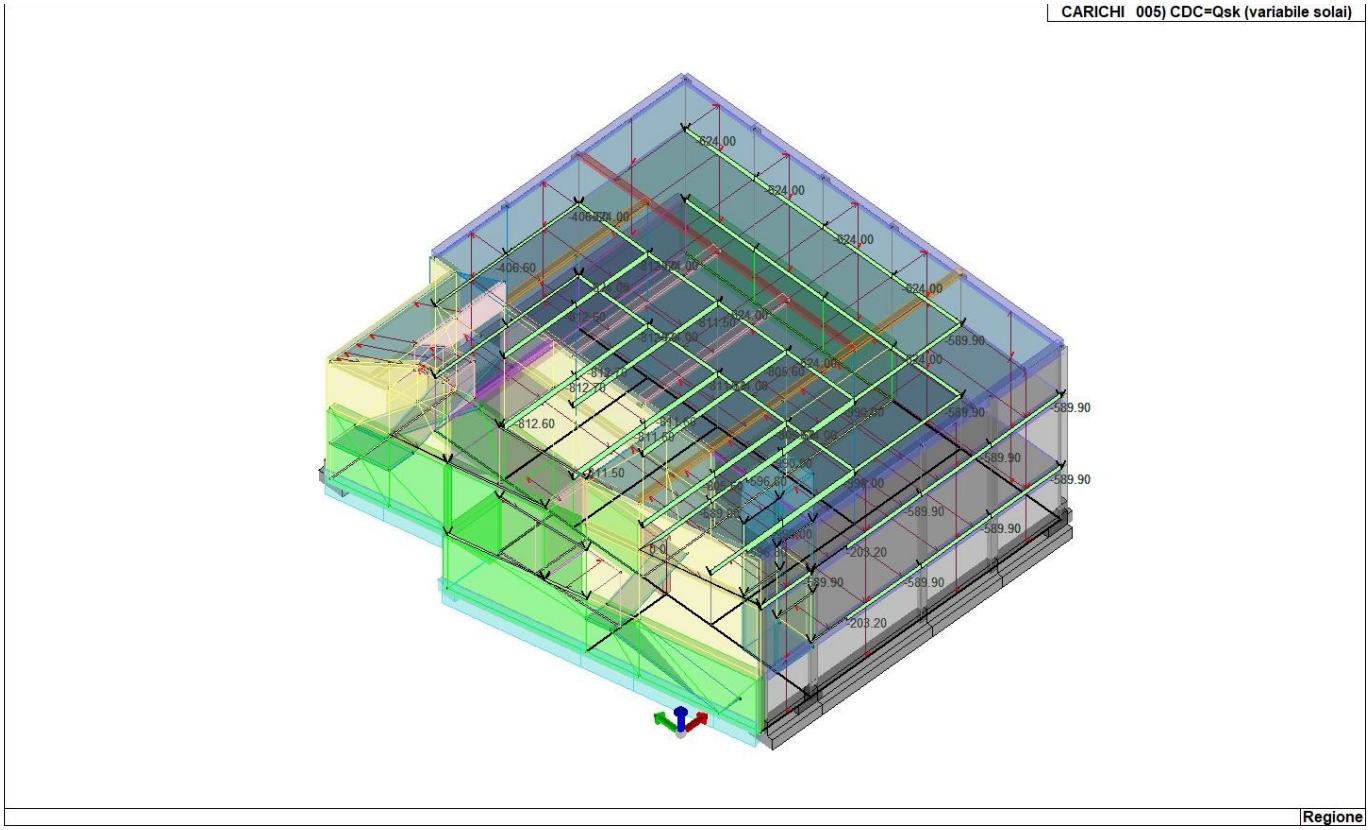
22_CDC_002_CDCG1sk permanente solai-coperture



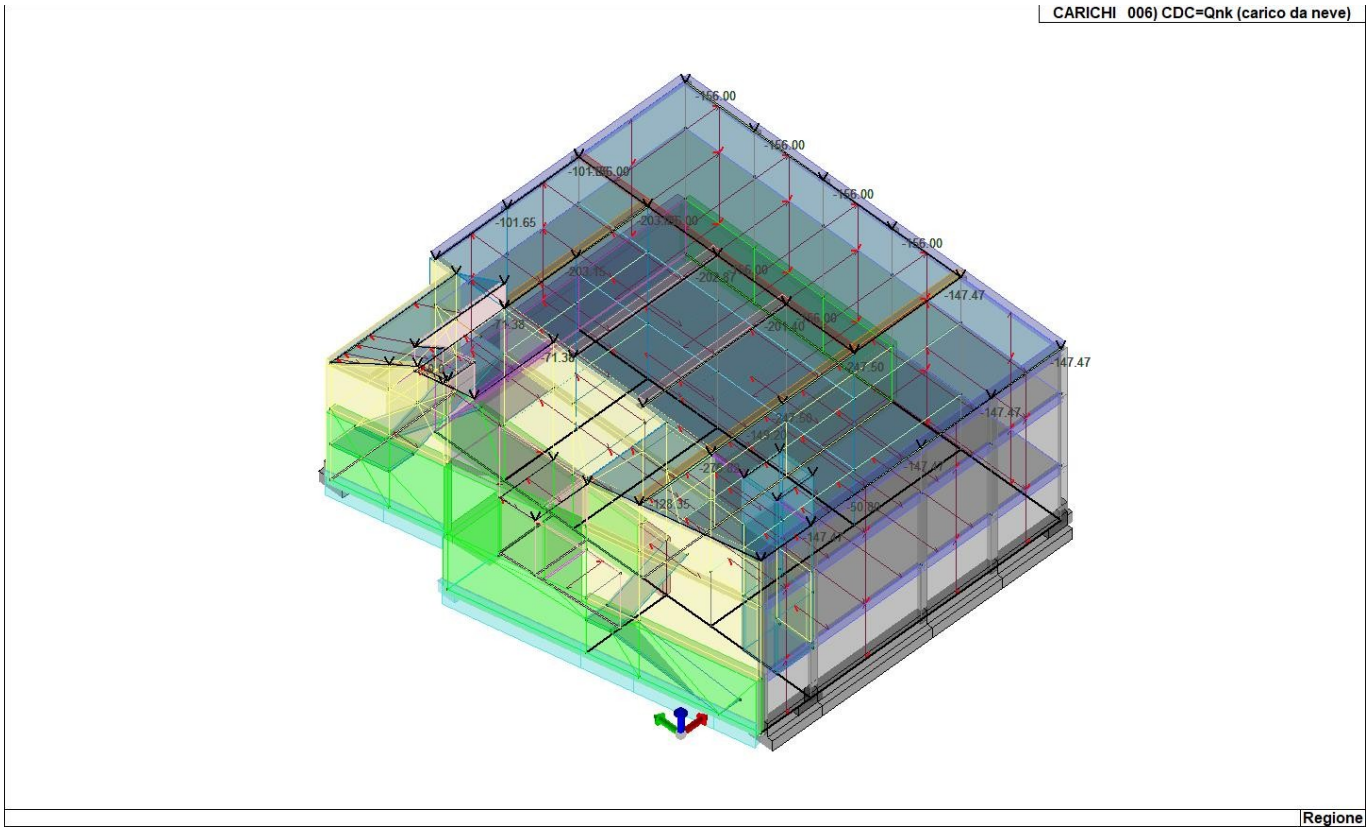
22_CDC_003_CDCG2sk permanente solai-coperture ncd



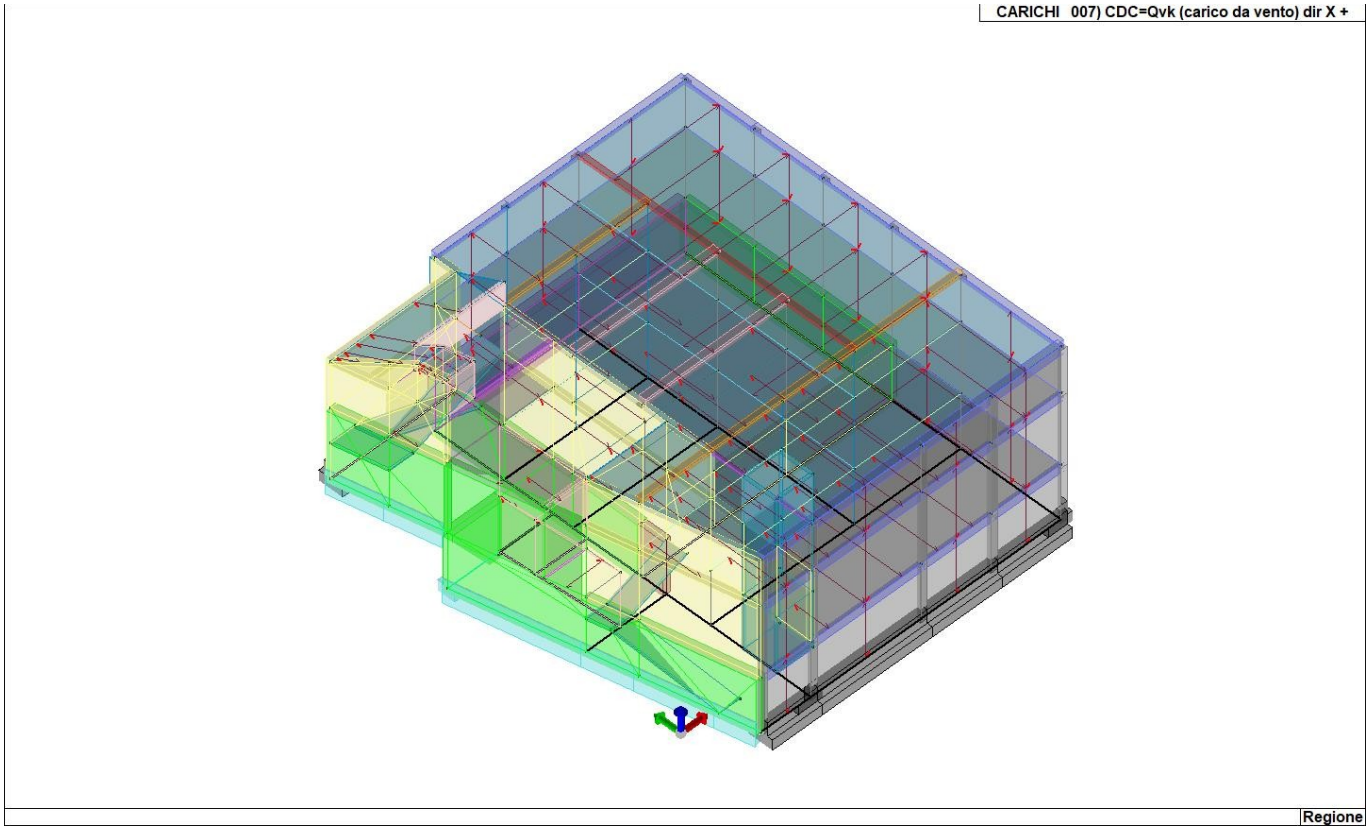
22_CDC_004_CDCG2pk permanente pannelli ncd



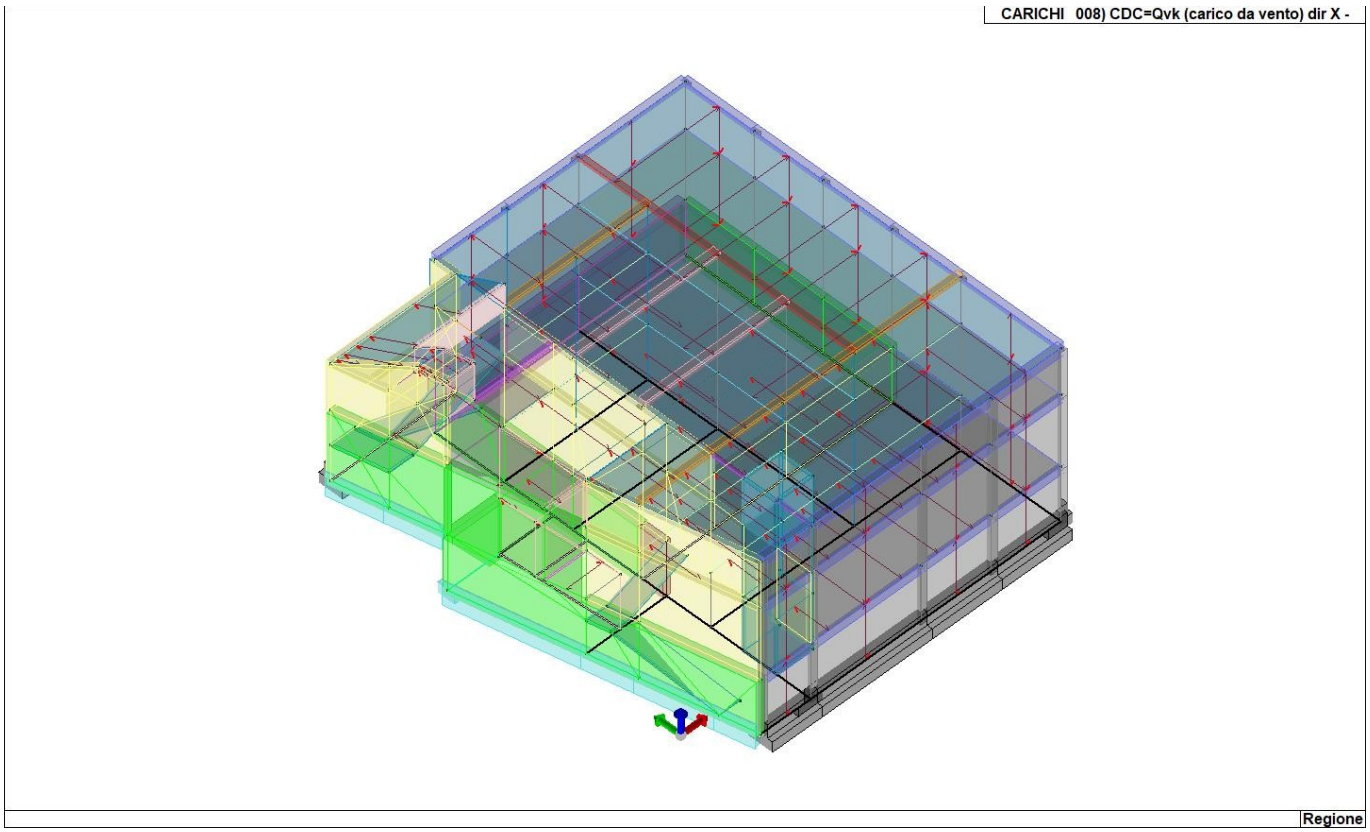
22_CDC_005_CDCQsk variabile solai



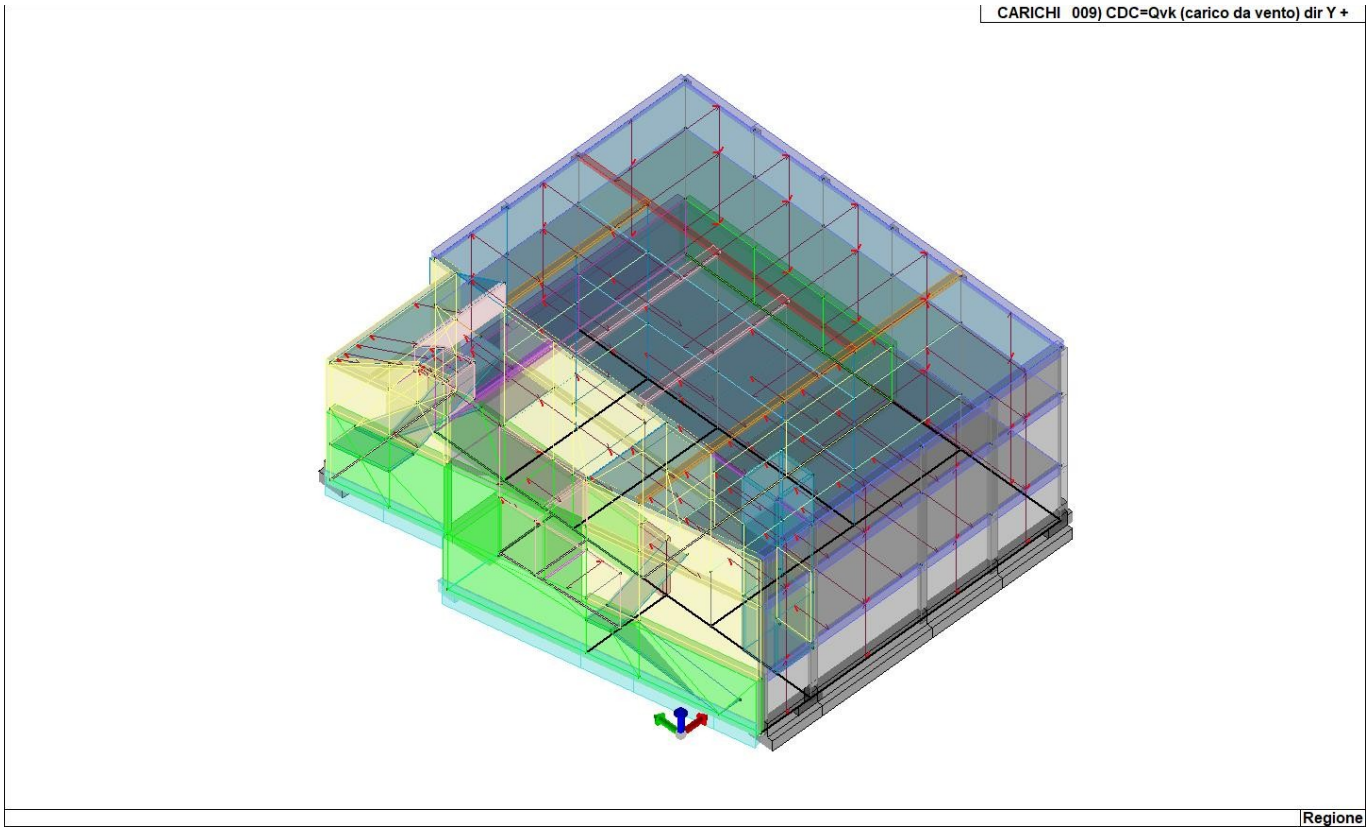
22_CDC_006_CDCQnk carico da neve



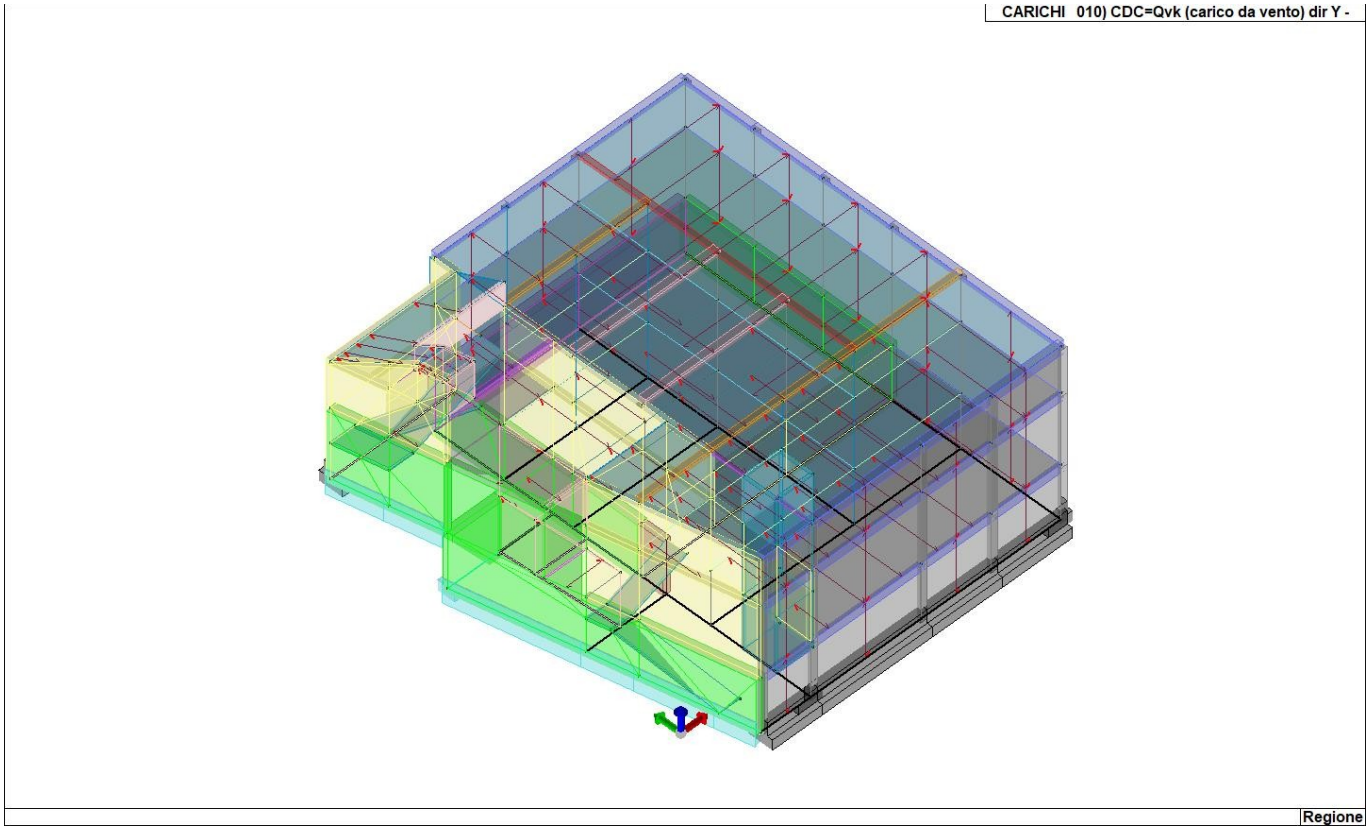
22_CDC_007_CDCQvk carico da vento dir X +



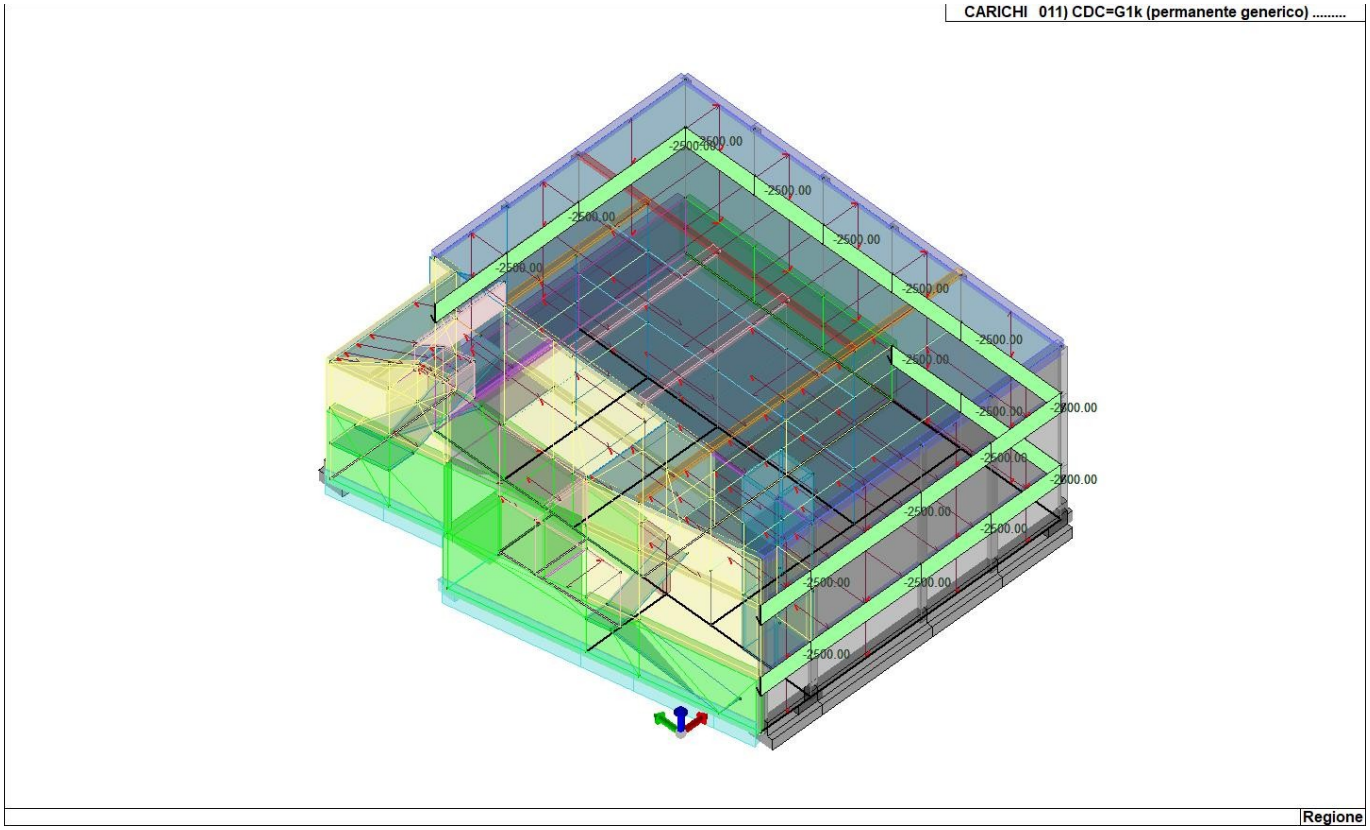
22_CDC_008_CDCQvk carico da vento dir X -



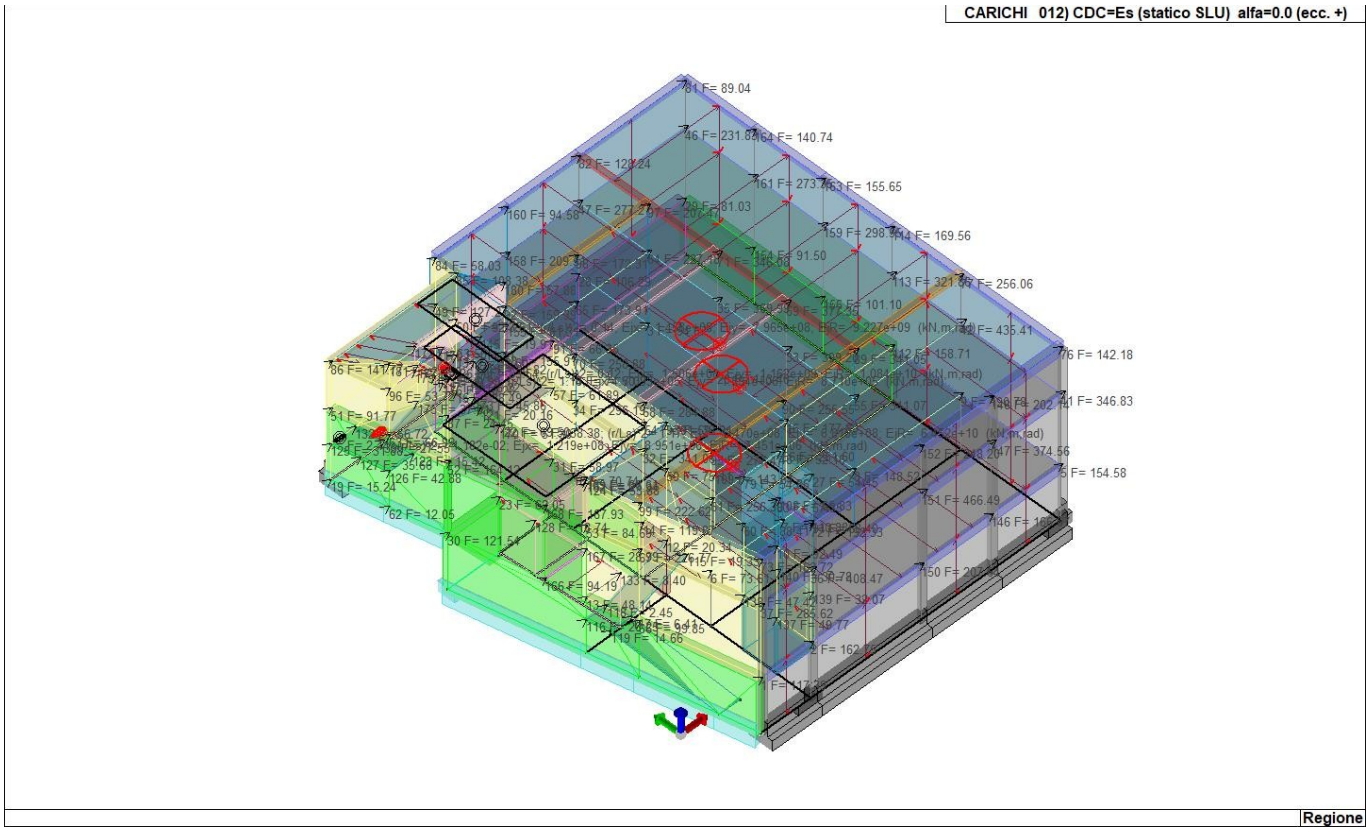
22_CDC_009_CDCQvk carico da vento dir Y +



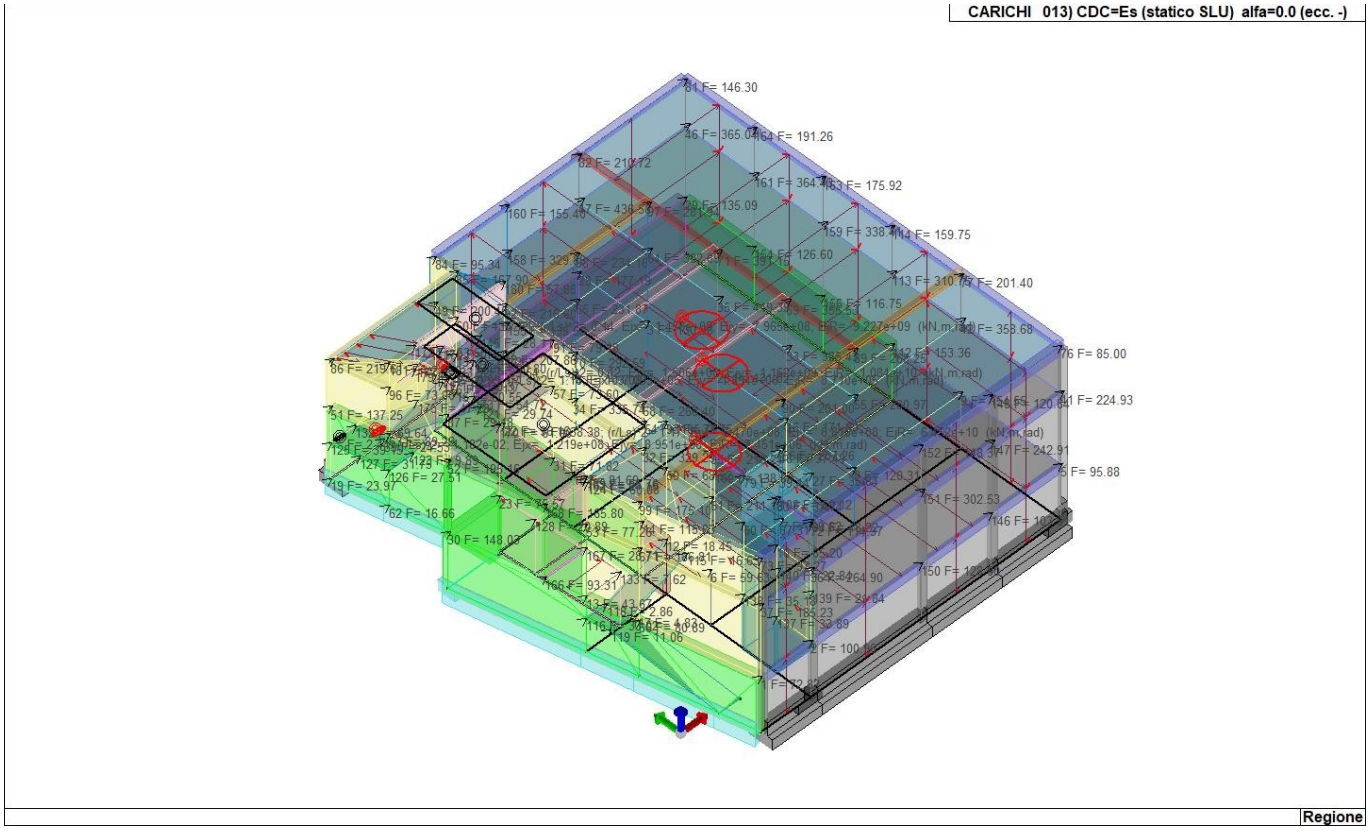
22_CDC_010_CDCQvk carico da vento dir Y -



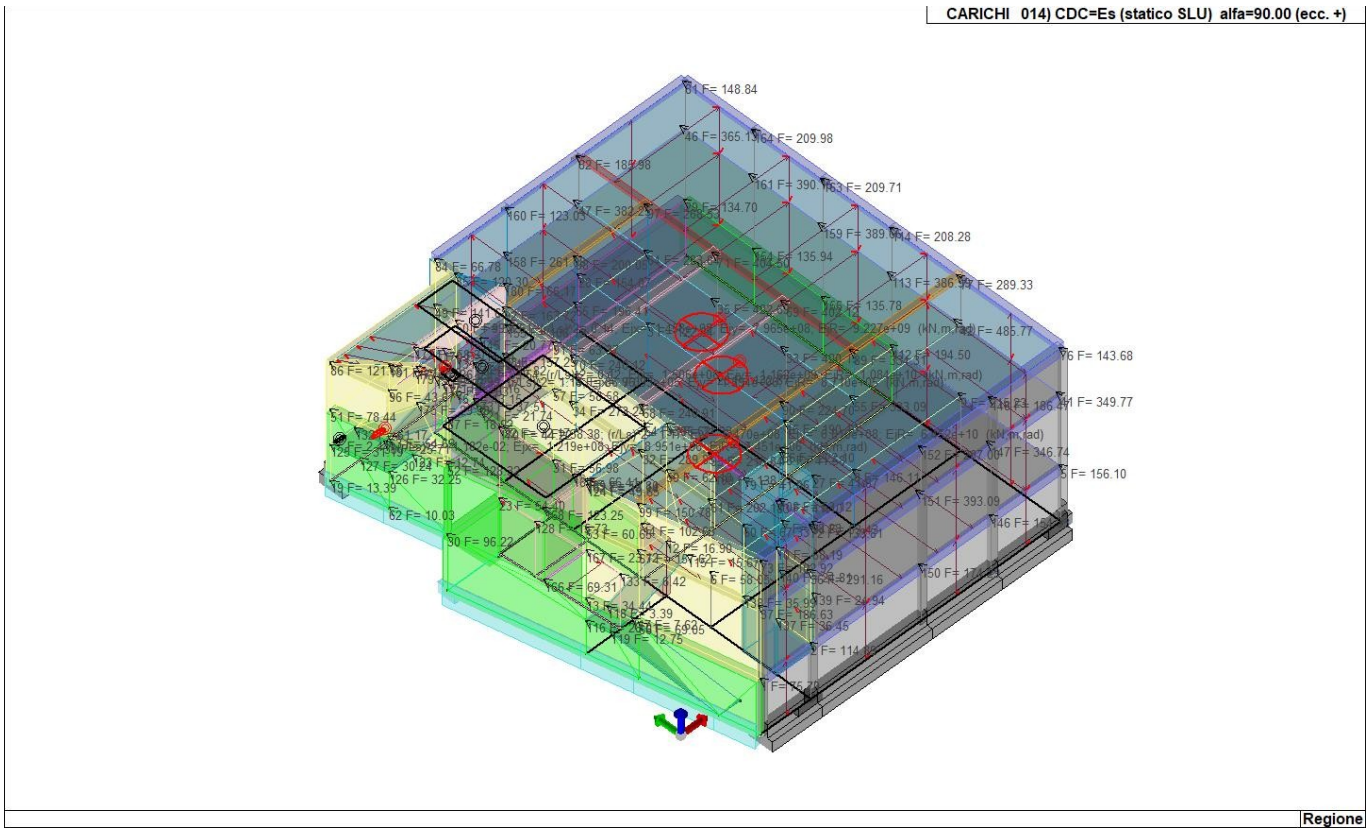
22_CDC_011_CDCG1k permanente generico



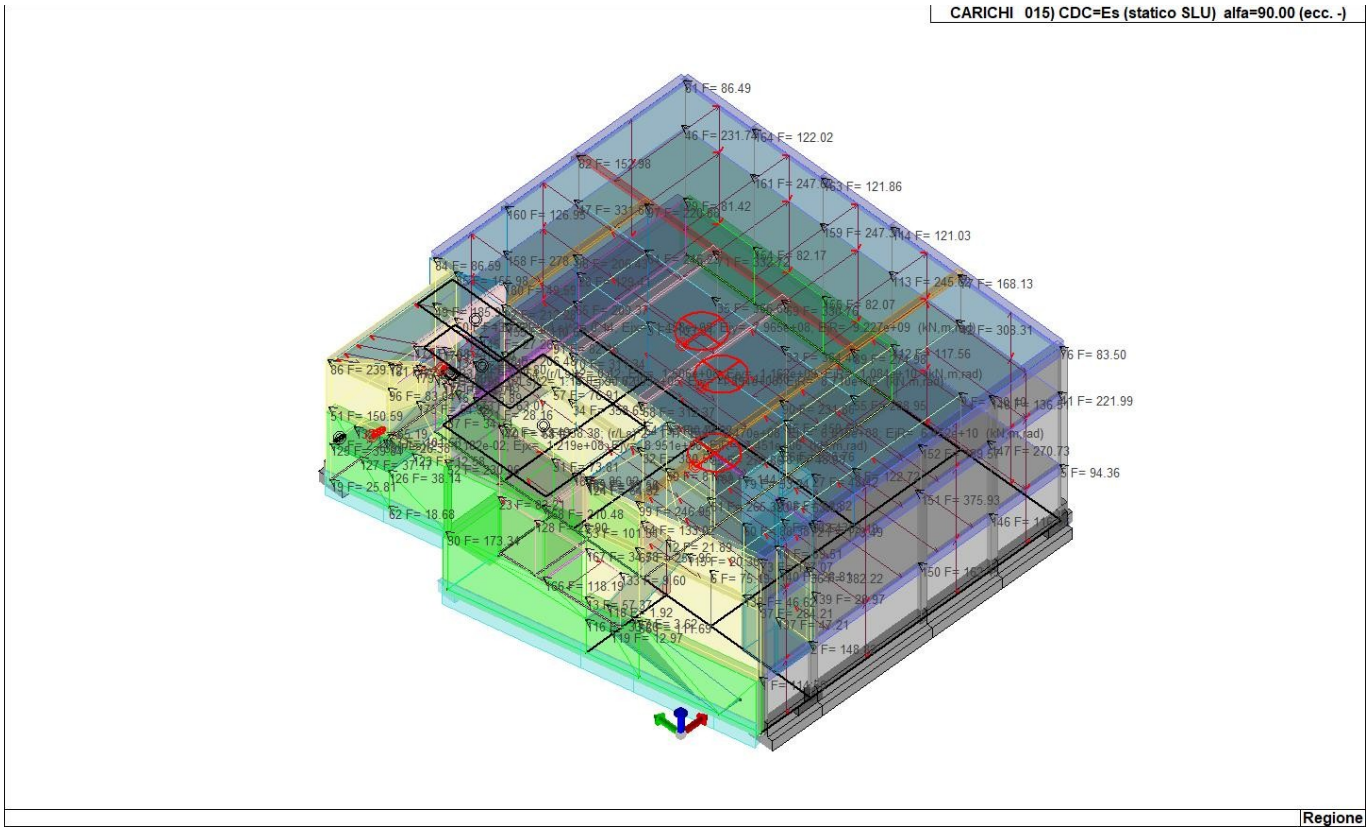
22_CDC_012_CDCEs statico SLU alfa00 ecc +



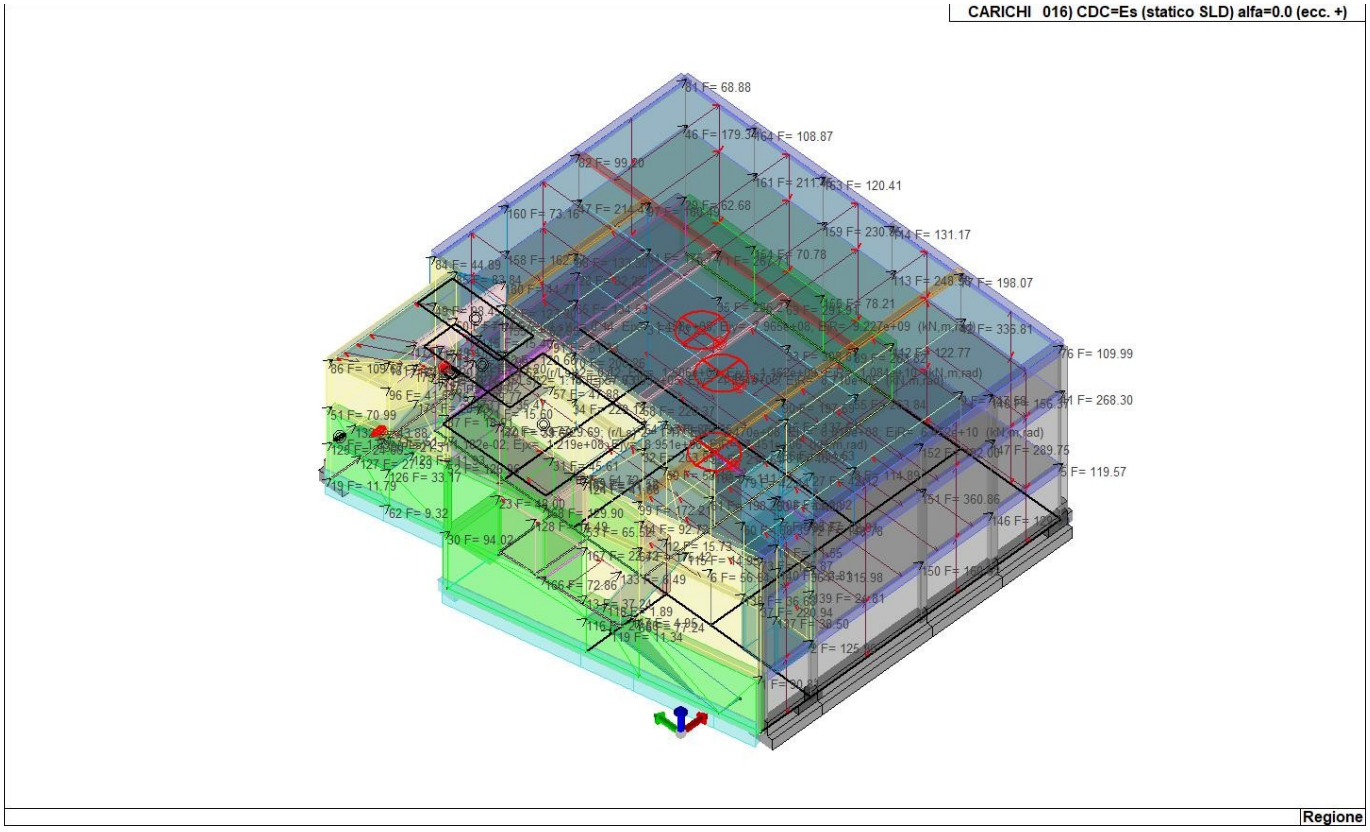
22_CDC_013_CDCEs statico SLU alfa00 ecc -



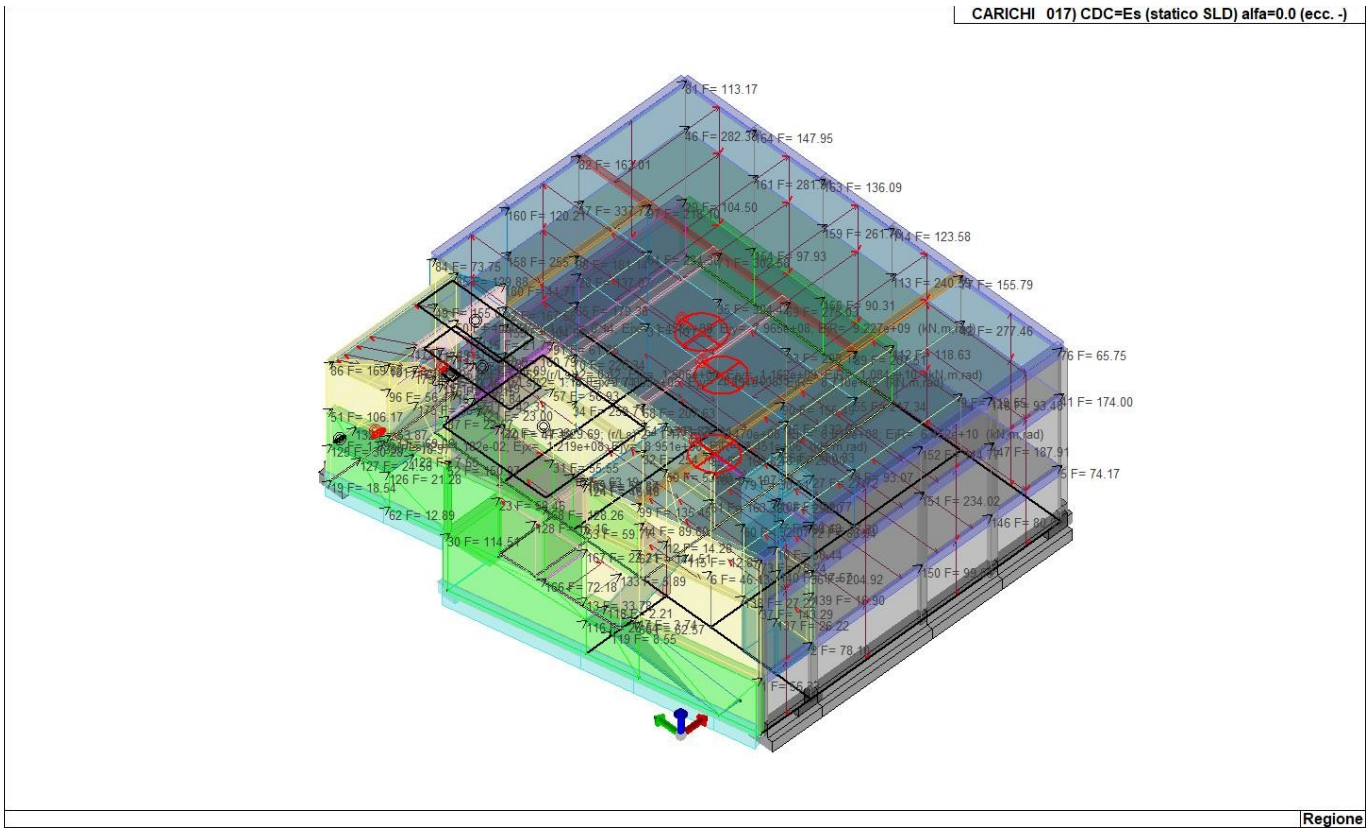
22_CDC_014_CDCEs statico SLU alfa9000 ecc +



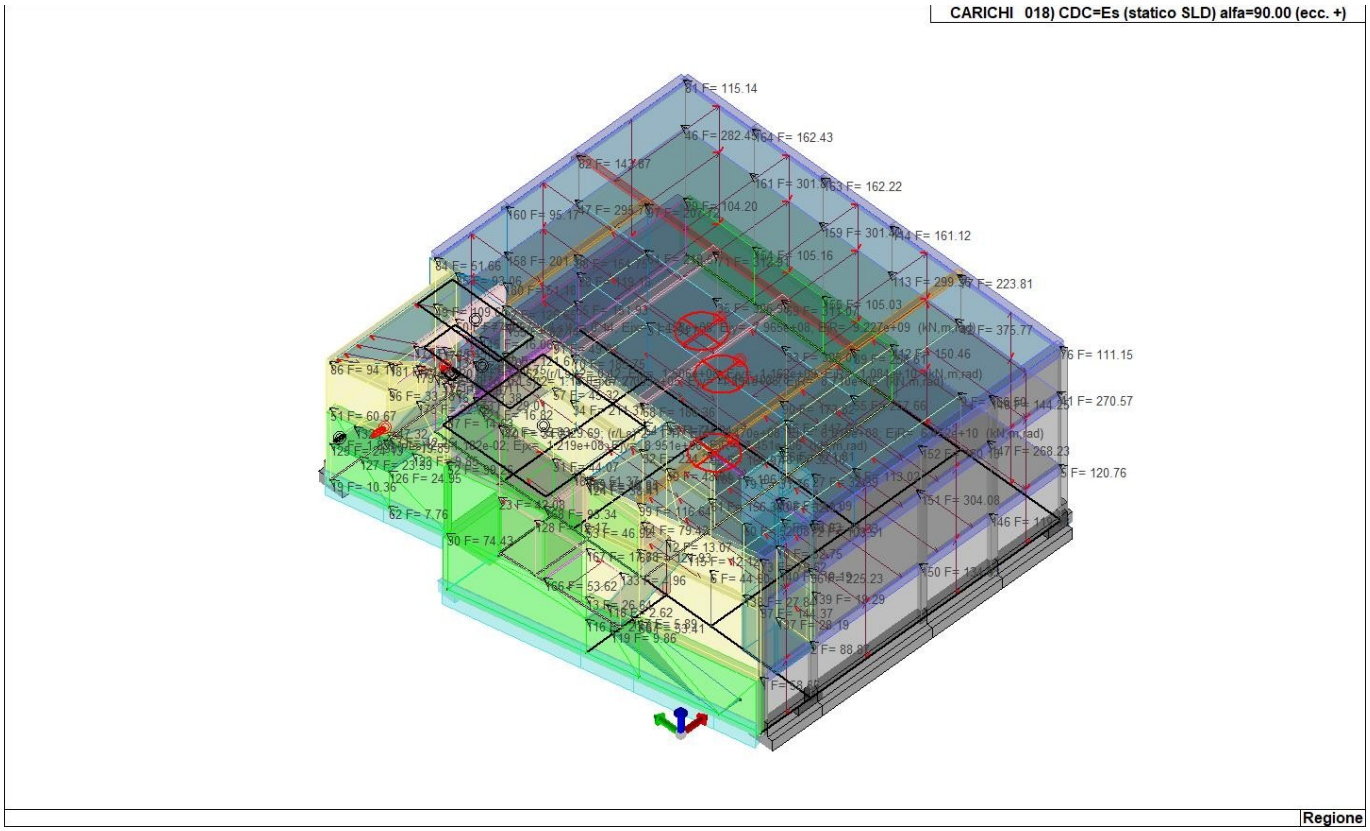
22_CDC_015_CDCEs statico SLU alfa9000 ecc -



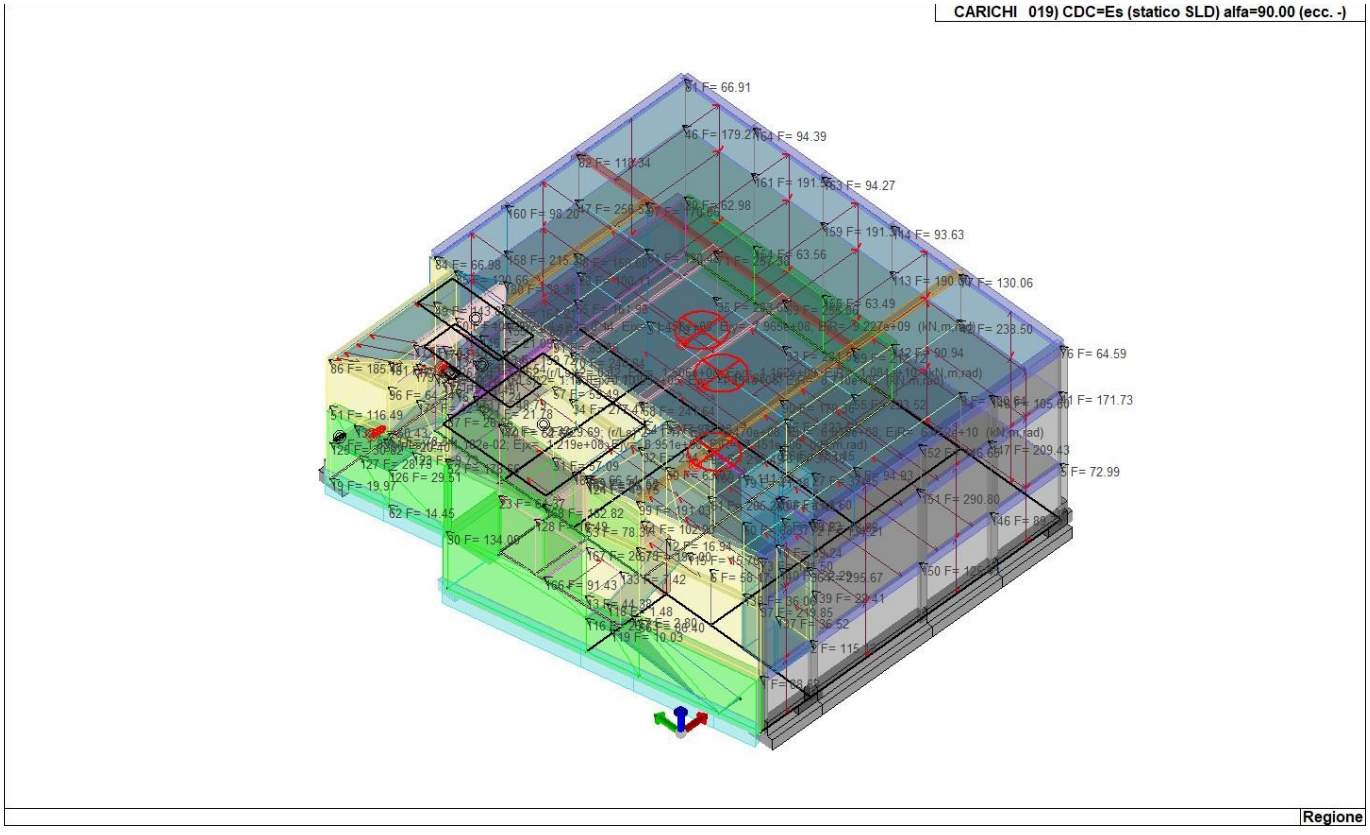
22_CDC_016_CDCEs statico SLD alfa00 ecc +



22_CDC_017_CDCEs statico SLD alfa00 ecc -



22_CDC_018_CDCEs statico SLD alfa9000 ecc +



22_CDC_019_CDCEs statico SLD alfa9000 ecc -

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

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

***Combinazione frequente** SLE*

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

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	***ψ0***	***ψ1***	***ψ2***
Categoria A residenziali	*0,70*	*0,50*	*0,30*
Categoria B uffici	*0,70*	*0,50*	*0,30*
Categoria C ambienti suscettibili di affollamento	*0,70*	*0,70*	*0,60*
Categoria D ambienti ad uso commerciale	*0,70*	*0,70*	*0,60*
Categoria E biblioteche, archivi, magazzini,…	*1,00*	*0,90*	*0,80*
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	*0,70*	*0,70*	*0,60*
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	*0,70*	*0,50*	*0,30*
Categoria H Coperture	*0,00*	*0,00*	*0,00*
Vento	*0,60*	*0,20*	*0,00*
Neve a quota <= 1000 m	*0,50*	*0,20*	*0,00*
Neve a quota > 1000 m	*0,70*	*0,50*	*0,20*
Variazioni Termiche	*0,6*	*0,5*	*0,0*

0	*0*	*0*

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

NTC 2018 Tabella 2.6.I

		Coefficiente γf	**EQU**	**A1**	**A2**
Carichi permanenti	*Favorevoli* *Sfavorevoli*	$\gamma G1$	*0,9* *1,1*	*1,0* *1,3*	*1,0* *1,0*
Carichi permanenti non strutturali *(Non compiutamente definiti)*	*Favorevoli* *Sfavorevoli*	$\gamma G2$	*0,8* *1,5*	*0,8* *1,5*	*0,8* *1,3*
Carichi variabili	*Favorevoli* *Sfavorevoli*	γQi	*0,0* *1,5*	*0,0* *1,5*	*0,0* *1,3*

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	

Cmb	Tipo	Sigla Id	effetto P-delta
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLU	Comb. SLU A1 37	
38	SLU	Comb. SLU A1 38	
39	SLU	Comb. SLU A1 39	
40	SLU	Comb. SLU A1 40	
41	SLU	Comb. SLU A1 41	
42	SLU	Comb. SLU A1 42	
43	SLU	Comb. SLU A1 43	
44	SLU	Comb. SLU A1 44	
45	SLU	Comb. SLU A1 45	
46	SLU	Comb. SLU A1 46	
47	SLU	Comb. SLU A1 47	
48	SLU	Comb. SLU A1 48	
49	SLU	Comb. SLU A1 49	
50	SLU	Comb. SLU A1 50	
51	SLU	Comb. SLU A1 51	
52	SLU	Comb. SLU A1 52	
53	SLU	Comb. SLU A1 53	
54	SLU	Comb. SLU A1 54	
55	SLU	Comb. SLU A1 55	
56	SLU	Comb. SLU A1 56	
57	SLU	Comb. SLU A1 57	
58	SLU	Comb. SLU A1 58	
59	SLU	Comb. SLU A1 59	
60	SLU	Comb. SLU A1 60	
61	SLU	Comb. SLU A1 61	
62	SLU	Comb. SLU A1 62	
63	SLU	Comb. SLU A1 63	
64	SLU	Comb. SLU A1 64	
65	SLU	Comb. SLU A1 65	
66	SLU	Comb. SLU A1 66	
67	SLU	Comb. SLU A1 67	
68	SLU	Comb. SLU A1 68	
69	SLU	Comb. SLU A1 69	
70	SLU	Comb. SLU A1 70	
71	SLU	Comb. SLU A1 71	
72	SLU	Comb. SLU A1 72	
73	SLU	Comb. SLU A1 73	
74	SLU	Comb. SLU A1 74	
75	SLU	Comb. SLU A1 75	
76	SLU	Comb. SLU A1 76	
77	SLU	Comb. SLU A1 77	
78	SLU	Comb. SLU A1 78	
79	SLU	Comb. SLU A1 79	
80	SLU	Comb. SLU A1 80	
81	SLU	Comb. SLU A1 81	
82	SLU	Comb. SLU A1 82	
83	SLU	Comb. SLU A1 83	
84	SLU	Comb. SLU A1 84	
85	SLU	Comb. SLU A1 85	
86	SLU	Comb. SLU A1 86	
87	SLU	Comb. SLU A1 87	
88	SLU	Comb. SLU A1 88	
89	SLU	Comb. SLU A1 89	
90	SLU	Comb. SLU A1 90	
91	SLU	Comb. SLU A1 91	
92	SLU	Comb. SLU A1 92	
93	SLU	Comb. SLU A1 93	
94	SLU	Comb. SLU A1 94	
95	SLU	Comb. SLU A1 95	
96	SLU	Comb. SLU A1 96	
97	SLU	Comb. SLU A1 97	
98	SLU	Comb. SLU A1 98	
99	SLU	Comb. SLU A1 99	
100	SLU	Comb. SLU A1 100	
101	SLU	Comb. SLU A1 101	
102	SLU	Comb. SLU A1 102	
103	SLU	Comb. SLU A1 103	
104	SLU	Comb. SLU A1 104	
105	SLU	Comb. SLU A1 105	

Cmb	Tipo	Sigla Id	effetto P-delta
106	SLU	Comb. SLU A1 106	
107	SLU	Comb. SLU A1 107	
108	SLU	Comb. SLU A1 108	
109	SLU	Comb. SLU A1 109	
110	SLU	Comb. SLU A1 110	
111	SLU	Comb. SLU A1 111	
112	SLU	Comb. SLU A1 112	
113	SLU	Comb. SLU A1 (SLV sism.) 113	
114	SLU	Comb. SLU A1 (SLV sism.) 114	
115	SLU	Comb. SLU A1 (SLV sism.) 115	
116	SLU	Comb. SLU A1 (SLV sism.) 116	
117	SLU	Comb. SLU A1 (SLV sism.) 117	
118	SLU	Comb. SLU A1 (SLV sism.) 118	
119	SLU	Comb. SLU A1 (SLV sism.) 119	
120	SLU	Comb. SLU A1 (SLV sism.) 120	
121	SLU	Comb. SLU A1 (SLV sism.) 121	
122	SLU	Comb. SLU A1 (SLV sism.) 122	
123	SLU	Comb. SLU A1 (SLV sism.) 123	
124	SLU	Comb. SLU A1 (SLV sism.) 124	
125	SLU	Comb. SLU A1 (SLV sism.) 125	
126	SLU	Comb. SLU A1 (SLV sism.) 126	
127	SLU	Comb. SLU A1 (SLV sism.) 127	
128	SLU	Comb. SLU A1 (SLV sism.) 128	
129	SLU	Comb. SLU A1 (SLV sism.) 129	
130	SLU	Comb. SLU A1 (SLV sism.) 130	
131	SLU	Comb. SLU A1 (SLV sism.) 131	
132	SLU	Comb. SLU A1 (SLV sism.) 132	
133	SLU	Comb. SLU A1 (SLV sism.) 133	
134	SLU	Comb. SLU A1 (SLV sism.) 134	
135	SLU	Comb. SLU A1 (SLV sism.) 135	
136	SLU	Comb. SLU A1 (SLV sism.) 136	
137	SLU	Comb. SLU A1 (SLV sism.) 137	
138	SLU	Comb. SLU A1 (SLV sism.) 138	
139	SLU	Comb. SLU A1 (SLV sism.) 139	
140	SLU	Comb. SLU A1 (SLV sism.) 140	
141	SLU	Comb. SLU A1 (SLV sism.) 141	
142	SLU	Comb. SLU A1 (SLV sism.) 142	
143	SLU	Comb. SLU A1 (SLV sism.) 143	
144	SLU	Comb. SLU A1 (SLV sism.) 144	
145	SLE(sis)	Comb. SLE (SLD Danno sism.) 145	
146	SLE(sis)	Comb. SLE (SLD Danno sism.) 146	
147	SLE(sis)	Comb. SLE (SLD Danno sism.) 147	
148	SLE(sis)	Comb. SLE (SLD Danno sism.) 148	
149	SLE(sis)	Comb. SLE (SLD Danno sism.) 149	
150	SLE(sis)	Comb. SLE (SLD Danno sism.) 150	
151	SLE(sis)	Comb. SLE (SLD Danno sism.) 151	
152	SLE(sis)	Comb. SLE (SLD Danno sism.) 152	
153	SLE(sis)	Comb. SLE (SLD Danno sism.) 153	
154	SLE(sis)	Comb. SLE (SLD Danno sism.) 154	
155	SLE(sis)	Comb. SLE (SLD Danno sism.) 155	
156	SLE(sis)	Comb. SLE (SLD Danno sism.) 156	
157	SLE(sis)	Comb. SLE (SLD Danno sism.) 157	
158	SLE(sis)	Comb. SLE (SLD Danno sism.) 158	
159	SLE(sis)	Comb. SLE (SLD Danno sism.) 159	
160	SLE(sis)	Comb. SLE (SLD Danno sism.) 160	
161	SLE(sis)	Comb. SLE (SLD Danno sism.) 161	
162	SLE(sis)	Comb. SLE (SLD Danno sism.) 162	
163	SLE(sis)	Comb. SLE (SLD Danno sism.) 163	
164	SLE(sis)	Comb. SLE (SLD Danno sism.) 164	
165	SLE(sis)	Comb. SLE (SLD Danno sism.) 165	
166	SLE(sis)	Comb. SLE (SLD Danno sism.) 166	
167	SLE(sis)	Comb. SLE (SLD Danno sism.) 167	
168	SLE(sis)	Comb. SLE (SLD Danno sism.) 168	
169	SLE(sis)	Comb. SLE (SLD Danno sism.) 169	
170	SLE(sis)	Comb. SLE (SLD Danno sism.) 170	
171	SLE(sis)	Comb. SLE (SLD Danno sism.) 171	
172	SLE(sis)	Comb. SLE (SLD Danno sism.) 172	
173	SLE(sis)	Comb. SLE (SLD Danno sism.) 173	
174	SLE(sis)	Comb. SLE (SLD Danno sism.) 174	
175	SLE(sis)	Comb. SLE (SLD Danno sism.) 175	
176	SLE(sis)	Comb. SLE (SLD Danno sism.) 176	

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

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0									
37	1.00	1.00	0.80	0.80	1.05	0.0	1.50	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
38	1.00	1.00	0.80	0.80	1.05	0.75	1.50	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
39	1.30	1.30	1.50	1.50	1.05	0.75	0.90	0.0	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
40	1.00	1.00	0.80	0.80	1.05	0.75	0.90	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
41	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
42	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
43	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
44	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
45	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
46	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
47	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
48	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
49	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
50	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
51	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
52	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
53	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
54	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
55	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.90	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
56	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.90	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
57	1.30	1.30	1.50	1.50	0.0	0.0	0.0	1.50	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
58	1.30	1.30	1.50	1.50	0.0	0.75	0.0	1.50	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
59	1.30	1.30	1.50	1.50	1.05	0.0	0.0	1.50	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
60	1.30	1.30	1.50	1.50	1.05	0.75	0.0	1.50	0.0	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
61	1.00	1.00	0.80	0.80	0.0	0.0	0.0	1.50	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
62	1.00	1.00	0.80	0.80	0.0	0.75	0.0	1.50	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
63	1.00	1.00	0.80	0.80	1.05	0.0	0.0	1.50	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
64	1.00	1.00	0.80	0.80	1.05	0.75	0.0	1.50	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
65	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
66	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
67	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
68	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
69	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
70	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
71	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
72	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
73	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
74	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
75	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
76	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
77	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
78	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
79	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.90	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
80	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.90	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
81	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	1.50	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
82	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	1.50	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
83	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	1.50	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
84	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	1.50	0.0	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
85	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	1.50	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
86	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	1.50	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
87	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	1.50	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
88	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	1.50	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
89	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
90	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
91	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
92	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
93	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
94	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
95	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
96	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
97	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
98	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
99	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
100	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
101	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
102	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
103	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.90	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
104	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.90	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
105	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	1.50	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
106	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	1.50	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
107	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	1.50	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
108	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	1.50	1.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
109	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	1.50	1.00	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0									
110	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	1.50	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
111	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	1.50	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
112	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	1.50	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0									
113	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0									
114	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0									
115	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0.0	-0.30
	0.0	0.0	0.0	0.0	0.0									
116	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0.0	0.30
	0.0	0.0	0.0	0.0	0.0									
117	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0									
118	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-1.00	0.0	0.0
	0.30	0.0	0.0	0.0	0.0									
119	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0.0	0.0
	-0.30	0.0	0.0	0.0	0.0									
120	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	1.00	0.0	0.0
	0.30	0.0	0.0	0.0	0.0									
121	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-1.00	-0.30
	0.0	0.0	0.0	0.0	0.0									
122	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-1.00	0.30
	0.0	0.0	0.0	0.0	0.0									
123	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	1.00	-0.30
	0.0	0.0	0.0	0.0	0.0									
124	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	1.00	0.30
	0.0	0.0	0.0	0.0	0.0									
125	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-1.00	0.0
	-0.30	0.0	0.0	0.0	0.0									
126	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-1.00	0.0
	0.30	0.0	0.0	0.0	0.0									
127	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	1.00	0.0
	-0.30	0.0	0.0	0.0	0.0									
128	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	1.00	0.0
	0.30	0.0	0.0	0.0	0.0									
129	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0									
130	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0									
131	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	-1.00
	0.0	0.0	0.0	0.0	0.0									
132	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00
	0.0	0.0	0.0	0.0	0.0									
133	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	-1.00
	0.0	0.0	0.0	0.0	0.0									
134	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00
	0.0	0.0	0.0	0.0	0.0									
135	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	-1.00
	0.0	0.0	0.0	0.0	0.0									
136	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00
	0.0	0.0	0.0	0.0	0.0									
137	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0									
138	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0									
139	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0									
140	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0
	1.00	0.0	0.0	0.0	0.0									
141	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	-1.00	0.0	0.0	0.0	0.0									
142	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	1.00	0.0	0.0	0.0	0.0									
143	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	-1.00	0.0	0.0	0.0	0.0									
144	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	1.00	0.0	0.0	0.0	0.0									
145	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-1.00	0.0	-0.30	0.0									

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
146	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-1.00	0.0	0.30	0.0									
147	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	1.00	0.0	-0.30	0.0									
148	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	1.00	0.0	0.30	0.0									
149	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	-0.30									
150	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-1.00	0.0	0.0	0.30									
151	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	-0.30									
152	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	0.30									
153	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-1.00	-0.30	0.0									
154	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-1.00	0.30	0.0									
155	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	1.00	-0.30	0.0									
156	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	1.00	0.30	0.0									
157	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	-0.30									
158	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.30									
159	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	-0.30									
160	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.30									
161	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-0.30	0.0	-1.00	0.0									
162	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-0.30	0.0	1.00	0.0									
163	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.30	0.0	-1.00	0.0									
164	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.30	0.0	1.00	0.0									
165	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30	-1.00	0.0									
166	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30	1.00	0.0									
167	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30	-1.00	0.0									
168	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30	1.00	0.0									
169	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	-1.00									
170	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	-0.30	0.0	0.0	1.00									
171	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	-1.00									
172	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.30	0.0	0.0	1.00									
173	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	-1.00									
174	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	1.00									
175	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	-1.00									
176	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	1.00									

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

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

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

Lo spettro di risposta elastico in accelerazione della componente orizzontale del moto sismico, Se, è definito dalle seguenti espressioni:

$$0 \le T < T_B \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \le T < T_C \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

$$T_C \le T < T_D \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right)$$

$$T_D \le T \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C \cdot T_D}{T^2} \right)$$

Dove per sottosuolo di categoria **A** i coefficienti S_S e C_C valgono 1; mentre per le categorie di sottosuolo B, C, D, E i coefficienti S_S e C_C vengono calcolati mediante le espressioni riportane nella seguente Tabella

Categoria sottosuolo	S_S	C_C
A	1,00	1,00
B	$1,00 \le 1,40 - 0,40 \cdot F_o \cdot \frac{a_g}{g} \le 1,20$	$1,10 \cdot (T_C^*)^{-0,20}$
C	$1,00 \le 1,70 - 0,60 \cdot F_o \cdot \frac{a_g}{g} \le 1,50$	$1,05 \cdot (T_C^*)^{-0,33}$
D	$0,90 \le 2,40 - 1,50 \cdot F_o \cdot \frac{a_g}{g} \le 1,80$	$1,25 \cdot (T_C^*)^{-0,50}$
E	$1,00 \le 2,00 - 1,10 \cdot F_o \cdot \frac{a_g}{g} \le 1,60$	$1,15 \cdot (T_C^*)^{-0,40}$

Per tenere conto delle condizioni topografiche e in assenza di specifiche analisi di risposta sismica locale, si utilizzano i valori del coefficiente topografico S_T riportati nella seguente Tabella

Categoria topografica	Ubicazione dell'opera o dell'intervento	S_T
T1	-	1,0
T2	In corrispondenza della sommità del pendio	1,2
T3	In corrispondenza della cresta di un rilievo con pendenza media minore o uguale a 30°	1,2
T4	In corrispondenza della cresta di un rilievo con pendenza media maggiore di 30°	1,4

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico, Sve, è definito dalle espressioni:

$$0 \le T < T_B \qquad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o}\left(1 - \frac{T}{T_B}\right)\right]$$

$$T_B \le T < T_C \qquad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v$$

$$T_C \le T < T_D \qquad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C}{T}\right)$$

$$T_D \le T \qquad S_{ve}(T) = a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T_C \cdot T_D}{T^2}\right)$$

I valori di S_S, T_B, T_C e T_D, sono riportati nella seguenteTabella

Categoria di sottosuolo	S_S	T_B	T_C	T_D
A, B, C, D, E	1,0	0,05 s	0,15 s	1,0 s

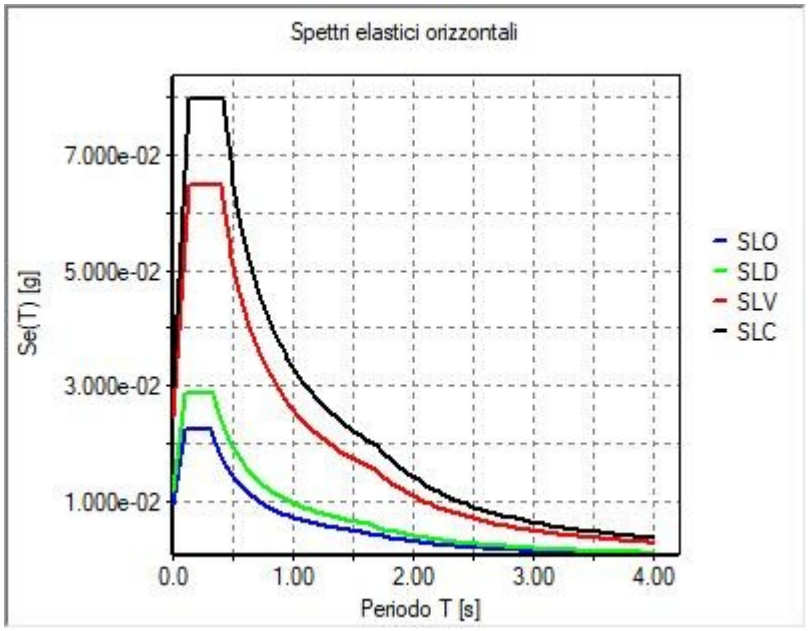
Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	9.121	39.223	

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	100.0	4.0	0.008	2.415	0.215
SLD	99.9	6.8	0.010	2.465	0.229
SLV	73.9	37.2	0.021	2.635	0.283
SLC	58.7	56.5	0.025	2.680	0.298

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec

SL	ag	S	Fo	Fv	Tb	Tc	Td
SLO	0.008	1.200	2.415	0.286	0.107	0.322	1.631
SLD	0.010	1.200	2.465	0.328	0.113	0.338	1.639
SLV	0.021	1.200	2.635	0.509	0.134	0.401	1.682
SLC	0.025	1.200	2.680	0.570	0.139	0.418	1.699

Modo	Frequenza	Periodo	X M efficace x g	%	Y M efficace x g	%	Z M efficace x g	%	RZ M efficace x g	%
	1/sec	sec	daN		daN		daN		daN m2	
1	1.85	0.54	3841.3	0	5.684e+05	35	0.7	0	2956.5	18
2	1.99	0.50	2.449e+05	15	1.065e+04	0	11.8	0	47.9	0
3	2.17	0.46	4.476e+04	2	9.091e+04	5	3.5	0	506.7	3
4	2.57	0.39	2.003e+05	12	199.5	0	13.8	0	1.0	0
5	2.66	0.38	3.412e+05	21	8065.9	0	85.3	0	2830.6	17
6	3.41	0.29	2141.3	0	8.8	0	64.7	0	396.0	2



24_DIA_SPETTRI_ELASTICI_O

RISULTATI ANALISI SISMICHE
LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:
9. Esk caso di carico sismico con analisi statica equivalente
10. Edkcaso di carico sismico con analisi dinamica

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

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

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

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore qND ricavato come da 7.3.2 in funzione del fattore di comportamento q utilizzato per la struttura: 1<qND=2/3*q < 1.5
Il coefficiente di amplificazione delle azioni sismiche rispetto alle azioni calcolate con il fattore di comportamento globale viene indicato nelle relative tabelle.

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

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

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

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

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

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

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

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

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

Caratteristiche costruzione	
Tipologia	Esistente
Regolarità pianta	SI
Regolarità altezza	SI
Classe di duttilità	progettazione con metodo con fattore q
Sistema costruttivo	Calcestruzzo o acciaio

Parametri	
q_D	1.000

Fattori di comportamento		
	Dissipativi	**Verifiche fragili**
q SLU x	1.000	1.500
q SLU y	1.000	1.500
q SLU z	1.500	

CDC	Tipo	Sigla Id	Note
12	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.065 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.300 s
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.065

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	469.71	469.71	4328.44	1.87	15.81	0.0	-0.07	1.81	15.37	1.181	0.077	0.397
8.32	679.16	1148.87	6627.74	4.27	18.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.90	2.741e+04	2.856e+04	3.050e+05	12.43	11.23	0.0	-1.10	6.25	18.33	0.143	1.816	0.893
4.18	3.975e+04	6.831e+04	6.045e+05	13.15	10.79	0.0	-1.10	6.45	18.12	0.115	2.195	0.864
2.09	1159.66	6.947e+04	2.457e+04	2.17	19.94	0.0	-0.14	0.77	20.83	0.012	1.534	3.603
0.0	1.827e+04	8.774e+04	6.375e+05	12.65	10.68	0.0	-1.10	8.78	16.83	1.168	0.398	0.616
-1.30	246.30	8.799e+04	1.438e+04	3.17	8.04	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
Risulta	8.799e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
13	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.065 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.300 s
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.065

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	469.71	469.71	4328.44	1.87	15.81	0.0	0.07	1.81	15.37	1.181	0.077	0.397
8.32	679.16	1148.87	6627.74	4.27	18.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.90	2.741e+04	2.856e+04	3.050e+05	12.43	11.23	0.0	1.10	6.25	18.33	0.143	1.816	0.893

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
4.18	3.975e+04	6.831e+04	6.045e+05	13.15	10.79	0.0	1.10	6.45	18.12	0.115	2.195	0.864
2.09	1159.66	6.947e+04	2.457e+04	2.17	19.94	0.0	0.14	0.77	20.83	0.012	1.534	3.603
0.0	1.827e+04	8.774e+04	6.375e+05	12.65	10.68	0.0	1.10	8.78	16.83	1.168	0.398	0.616
-1.30	246.30	8.799e+04	1.438e+04	3.17	8.04	0.0	0.06	0.0	0.0	0.0	0.0	0.0
Risulta	8.799e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
14	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.065 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.300 s
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.065

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	469.71	469.71	4328.44	1.87	15.81	0.09	0.0	1.81	15.37	1.181	0.077	0.397
8.32	679.16	1148.87	6627.74	4.27	18.02	0.34	0.0	0.0	0.0	0.0	0.0	0.0
6.90	2.741e+04	2.856e+04	3.050e+05	12.43	11.23	1.10	0.0	6.25	18.33	0.143	1.816	0.893
4.18	3.975e+04	6.831e+04	6.045e+05	13.15	10.79	1.10	0.0	6.45	18.12	0.115	2.195	0.864
2.09	1159.66	6.947e+04	2.457e+04	2.17	19.94	0.37	0.0	0.77	20.83	0.012	1.534	3.603
0.0	1.827e+04	8.774e+04	6.375e+05	12.65	10.68	1.10	0.0	8.78	16.83	1.168	0.398	0.616
-1.30	246.30	8.799e+04	1.438e+04	3.17	8.04	0.07	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	8.799e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
15	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.065 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.300 s
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.065

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	469.71	469.71	4328.44	1.87	15.81	-0.09	0.0	1.81	15.37	1.181	0.077	0.397
8.32	679.16	1148.87	6627.74	4.27	18.02	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
6.90	2.741e+04	2.856e+04	3.050e+05	12.43	11.23	-1.10	0.0	6.25	18.33	0.143	1.816	0.893
4.18	3.975e+04	6.831e+04	6.045e+05	13.15	10.79	-1.10	0.0	6.45	18.12	0.115	2.195	0.864
2.09	1159.66	6.947e+04	2.457e+04	2.17	19.94	-0.37	0.0	0.77	20.83	0.012	1.534	3.603
0.0	1.827e+04	8.774e+04	6.375e+05	12.65	10.68	-1.10	0.0	8.78	16.83	1.168	0.398	0.616
-1.30	246.30	8.799e+04	1.438e+04	3.17	8.04	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	8.799e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
16	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B

CDC	Tipo	Sigla Id	Note
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.029 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.300 s
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.029

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	207.92	207.92	4328.44	1.87	15.81	0.0	-0.07	1.81	15.37	1.181	0.077	0.397
8.32	300.62	508.54	6627.74	4.27	18.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.90	1.213e+04	1.264e+04	3.050e+05	12.43	11.23	0.0	-1.10	6.25	18.33	0.143	1.816	0.893
4.18	1.759e+04	3.024e+04	6.045e+05	13.15	10.79	0.0	-1.10	6.45	18.12	0.115	2.195	0.864
2.09	513.32	3.075e+04	2.457e+04	2.17	19.94	0.0	-0.14	0.77	20.83	0.012	1.534	3.603
0.0	8087.31	3.884e+04	6.375e+05	12.65	10.68	0.0	-1.10	8.78	16.83	1.168	0.398	0.616
-1.30	109.02	3.895e+04	1.438e+04	3.17	8.04	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
Risulta	3.895e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
17	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.029 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.300 s
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.029

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	207.92	207.92	4328.44	1.87	15.81	0.0	0.07	1.81	15.37	1.181	0.077	0.397
8.32	300.62	508.54	6627.74	4.27	18.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.90	1.213e+04	1.264e+04	3.050e+05	12.43	11.23	0.0	1.10	6.25	18.33	0.143	1.816	0.893
4.18	1.759e+04	3.024e+04	6.045e+05	13.15	10.79	0.0	1.10	6.45	18.12	0.115	2.195	0.864
2.09	513.32	3.075e+04	2.457e+04	2.17	19.94	0.0	0.14	0.77	20.83	0.012	1.534	3.603
0.0	8087.31	3.884e+04	6.375e+05	12.65	10.68	0.0	1.10	8.78	16.83	1.168	0.398	0.616
-1.30	109.02	3.895e+04	1.438e+04	3.17	8.04	0.0	0.06	0.0	0.0	0.0	0.0	0.0
Risulta	3.895e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
18	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.029 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.300 s
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.029

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	207.92	207.92	4328.44	1.87	15.81	0.09	0.0	1.81	15.37	1.181	0.077	0.397
8.32	300.62	508.54	6627.74	4.27	18.02	0.34	0.0	0.0	0.0	0.0	0.0	0.0
6.90	1.213e+04	1.264e+04	3.050e+05	12.43	11.23	1.10	0.0	6.25	18.33	0.143	1.816	0.893
4.18	1.759e+04	3.024e+04	6.045e+05	13.15	10.79	1.10	0.0	6.45	18.12	0.115	2.195	0.864
2.09	513.32	3.075e+04	2.457e+04	2.17	19.94	0.37	0.0	0.77	20.83	0.012	1.534	3.603
0.0	8087.31	3.884e+04	6.375e+05	12.65	10.68	1.10	0.0	8.78	16.83	1.168	0.398	0.616
-1.30	109.02	3.895e+04	1.438e+04	3.17	8.04	0.07	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.895e+04		1.597e+06									

CDC	Tipo	Sigla Id	Note
19	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.200
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.029 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.300 s
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.029

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	daN	daN	daN	m	m	m	m	m	m			
9.00	207.92	207.92	4328.44	1.87	15.81	-0.09	0.0	1.81	15.37	1.181	0.077	0.397
8.32	300.62	508.54	6627.74	4.27	18.02	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
6.90	1.213e+04	1.264e+04	3.050e+05	12.43	11.23	-1.10	0.0	6.25	18.33	0.143	1.816	0.893
4.18	1.759e+04	3.024e+04	6.045e+05	13.15	10.79	-1.10	0.0	6.45	18.12	0.115	2.195	0.864
2.09	513.32	3.075e+04	2.457e+04	2.17	19.94	-0.37	0.0	0.77	20.83	0.012	1.534	3.603
0.0	8087.31	3.884e+04	6.375e+05	12.65	10.68	-1.10	0.0	8.78	16.83	1.168	0.398	0.616
-1.30	109.02	3.895e+04	1.438e+04	3.17	8.04	-0.07	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	3.895e+04		1.597e+06									

Cmb	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm	Pilas.	1000 etaT/h	etaT cm	inter. h cm
145	5	0.19	0.05	272.0	6	0.17	0.07	418.0	10	0.24	0.06	272.0
	42	0.12	0.04	323.0	43	0.04	0.01	323.0	44	0.04	0.01	323.0
	45	0.03	0.01	323.0	46	0.06	0.02	323.0	47	0.06	0.02	323.0
	48	0.06	0.02	323.0	49	0.13	0.04	323.0	50	0.13	0.04	323.0
	51	0.07	0.02	323.0	52	0.07	0.02	323.0	75	0.22	0.09	418.0
	76	0.17	0.07	418.0	77	0.13	0.05	418.0	78	0.13	0.05	418.0
	87	0.12	0.03	272.0	88	0.08	0.02	272.0	89	0.06	0.02	272.0
	90	0.19	0.05	272.0	95	0.19	0.08	418.0	96	0.19	0.05	272.0
	102	0.11	0.04	418.0	103	0.03	9.39e-03	272.0	107	0.04	0.02	418.0
	108	0.08	0.02	272.0	111	0.08	0.03	418.0	112	0.11	0.03	272.0
	114	0.18	0.06	323.0	115	0.18	0.06	323.0	116	0.25	0.10	418.0
	117	0.21	0.09	418.0	118	0.20	0.06	323.0	119	0.23	0.09	418.0
	120	0.14	0.04	272.0	121	0.14	0.04	272.0	122	0.22	0.07	323.0
	123	0.24	0.10	418.0	124	0.14	0.04	272.0	125	0.13	0.03	272.0
	126	0.19	0.06	323.0	127	0.21	0.09	418.0	128	0.13	0.04	272.0
	144	0.12	0.04	323.0	145	0.23	0.10	418.0	146	0.20	0.05	272.0
	147	0.04	0.01	323.0	148	0.45	0.19	418.0	149	0.45	0.12	272.0
	160	0.48	0.20	418.0	161	0.33	0.14	418.0	162	0.21	0.09	418.0
	163	0.02	6.21e-03	272.0	164	0.42	0.11	272.0	168	0.15	0.06	418.0
	169	0.06	0.02	272.0	175	0.10	0.04	418.0	176	0.06	0.02	272.0
	177	0.04	0.02	418.0	178	0.02	4.27e-03	272.0	187	0.02	6.30e-03	418.0
	188	0.11	0.03	272.0								
146	5	0.17	0.05	272.0	6	0.15	0.06	418.0	10	0.26	0.07	272.0
	42	0.11	0.03	323.0	43	0.03	0.01	323.0	44	0.02	6.72e-03	323.0
	45	0.04	0.01	323.0	46	0.09	0.03	323.0	47	0.02	7.92e-03	323.0
	48	0.09	0.03	323.0	49	0.12	0.04	323.0	50	0.14	0.05	323.0
	51	0.07	0.02	323.0	52	0.10	0.03	323.0	75	0.21	0.09	418.0
	76	0.17	0.07	418.0	77	0.15	0.06	418.0	78	0.14	0.06	418.0
	87	0.10	0.03	272.0	88	0.07	0.02	272.0	89	0.04	0.01	272.0
	90	0.17	0.05	272.0	95	0.17	0.07	418.0	96	0.16	0.04	272.0
	102	0.09	0.04	418.0	103	0.04	9.68e-03	272.0	107	0.04	0.02	418.0
	108	0.08	0.02	272.0	111	0.08	0.03	418.0	112	0.11	0.03	272.0
	114	0.17	0.05	323.0	115	0.20	0.06	323.0	116	0.29	0.12	418.0
	117	0.20	0.08	418.0	118	0.20	0.06	323.0	119	0.31	0.13	418.0
	120	0.21	0.06	272.0	121	0.17	0.05	272.0	122	0.17	0.06	323.0
	123	0.24	0.10	418.0	124	0.18	0.05	272.0	125	0.13	0.03	272.0
	126	0.17	0.06	323.0	127	0.19	0.08	418.0	128	0.13	0.04	272.0
	144	0.15	0.05	323.0	145	0.27	0.11	418.0	146	0.21	0.06	272.0
	147	0.11	0.03	323.0	148	0.46	0.19	418.0	149	0.45	0.12	272.0
	160	0.50	0.21	418.0	161	0.39	0.16	418.0	162	0.26	0.11	418.0
	163	0.08	0.02	272.0	164	0.43	0.12	272.0	168	0.18	0.07	418.0
	169	0.04	0.01	272.0	175	0.14	0.06	418.0	176	0.01	3.48e-03	272.0
	177	0.07	0.03	418.0	178	0.01	3.79e-03	272.0	187	0.02	7.76e-03	418.0

	188	0.10	0.03	272.0								
147	5	0.21	0.06	272.0	6	0.40	0.17	418.0	10	0.24	0.07	272.0
	42	0.21	0.07	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.09	0.03	323.0	46	0.10	0.03	323.0	47	0.06	0.02	323.0
	48	0.07	0.02	323.0	49	0.22	0.07	323.0	50	0.22	0.07	323.0
	51	0.08	0.03	323.0	52	0.08	0.03	323.0	75	0.42	0.18	418.0
	76	0.41	0.17	418.0	77	0.32	0.13	418.0	78	0.18	0.07	418.0
	87	0.36	0.10	272.0	88	0.32	0.09	272.0	89	0.33	0.09	272.0
	90	0.19	0.05	272.0	95	0.42	0.17	418.0	96	0.20	0.06	272.0
	102	0.39	0.16	418.0	103	0.37	0.10	272.0	107	0.29	0.12	418.0
	108	0.35	0.10	272.0	111	0.15	0.06	418.0	112	0.36	0.10	272.0
	114	0.24	0.08	323.0	115	0.25	0.08	323.0	116	0.32	0.13	418.0
	117	0.31	0.13	418.0	118	0.26	0.08	323.0	119	0.33	0.14	418.0
	120	0.09	0.03	272.0	121	0.09	0.02	272.0	122	0.28	0.09	323.0
	123	0.34	0.14	418.0	124	0.12	0.03	272.0	125	0.11	0.03	272.0
	126	0.24	0.08	323.0	127	0.31	0.13	418.0	128	0.12	0.03	272.0
	144	0.22	0.07	323.0	145	0.42	0.17	418.0	146	0.17	0.05	272.0
	147	0.12	0.04	323.0	148	0.63	0.26	418.0	149	0.40	0.11	272.0
	160	0.57	0.24	418.0	161	0.38	0.16	418.0	162	0.14	0.06	418.0
	163	0.09	0.02	272.0	164	0.41	0.11	272.0	168	0.19	0.08	418.0
	169	0.12	0.03	272.0	175	0.18	0.07	418.0	176	0.12	0.03	272.0
	177	0.16	0.07	418.0	178	0.12	0.03	272.0	187	0.14	0.06	418.0
	188	0.38	0.10	272.0								
148	5	0.23	0.06	272.0	6	0.42	0.18	418.0	10	0.26	0.07	272.0
	42	0.22	0.07	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.10	0.03	323.0	46	0.14	0.05	323.0	47	0.07	0.02	323.0
	48	0.12	0.04	323.0	49	0.24	0.08	323.0	50	0.25	0.08	323.0
	51	0.09	0.03	323.0	52	0.12	0.04	323.0	75	0.46	0.19	418.0
	76	0.45	0.19	418.0	77	0.34	0.14	418.0	78	0.22	0.09	418.0
	87	0.34	0.09	272.0	88	0.32	0.09	272.0	89	0.34	0.09	272.0
	90	0.21	0.06	272.0	95	0.43	0.18	418.0	96	0.21	0.06	272.0
	102	0.40	0.17	418.0	103	0.38	0.10	272.0	107	0.29	0.12	418.0
	108	0.35	0.10	272.0	111	0.18	0.07	418.0	112	0.35	0.10	272.0
	114	0.25	0.08	323.0	115	0.28	0.09	323.0	116	0.43	0.18	418.0
	117	0.32	0.14	418.0	118	0.27	0.09	323.0	119	0.41	0.17	418.0
	120	0.19	0.05	272.0	121	0.15	0.04	272.0	122	0.26	0.08	323.0
	123	0.35	0.14	418.0	124	0.14	0.04	272.0	125	0.11	0.03	272.0
	126	0.25	0.08	323.0	127	0.33	0.14	418.0	128	0.12	0.03	272.0
	144	0.26	0.08	323.0	145	0.51	0.21	418.0	146	0.22	0.06	272.0
	147	0.16	0.05	323.0	148	0.70	0.29	418.0	149	0.43	0.12	272.0
	160	0.63	0.26	418.0	161	0.48	0.20	418.0	162	0.28	0.12	418.0
	163	0.12	0.03	272.0	164	0.42	0.11	272.0	168	0.21	0.09	418.0
	169	0.10	0.03	272.0	175	0.16	0.07	418.0	176	0.10	0.03	272.0
	177	0.14	0.06	418.0	178	0.11	0.03	272.0	187	0.14	0.06	418.0
	188	0.36	0.10	272.0								
149	5	0.19	0.05	272.0	6	0.17	0.07	418.0	10	0.24	0.06	272.0
	42	0.12	0.04	323.0	43	0.04	0.01	323.0	44	0.04	0.01	323.0
	45	0.03	9.17e-03	323.0	46	0.05	0.02	323.0	47	0.06	0.02	323.0
	48	0.05	0.02	323.0	49	0.13	0.04	323.0	50	0.13	0.04	323.0
	51	0.07	0.02	323.0	52	0.06	0.02	323.0	75	0.21	0.09	418.0
	76	0.15	0.06	418.0	77	0.11	0.05	418.0	78	0.11	0.04	418.0
	87	0.11	0.03	272.0	88	0.07	0.02	272.0	89	0.05	0.01	272.0
	90	0.19	0.05	272.0	95	0.19	0.08	418.0	96	0.19	0.05	272.0
	102	0.11	0.04	418.0	103	0.03	9.46e-03	272.0	107	0.04	0.02	418.0
	108	0.08	0.02	272.0	111	0.07	0.03	418.0	112	0.11	0.03	272.0
	114	0.18	0.06	323.0	115	0.18	0.06	323.0	116	0.22	0.09	418.0
	117	0.21	0.09	418.0	118	0.19	0.06	323.0	119	0.21	0.09	418.0
	120	0.13	0.04	272.0	121	0.14	0.04	272.0	122	0.21	0.07	323.0
	123	0.23	0.09	418.0	124	0.13	0.04	272.0	125	0.13	0.04	272.0
	126	0.19	0.06	323.0	127	0.21	0.09	418.0	128	0.13	0.04	272.0
	144	0.13	0.04	323.0	145	0.20	0.08	418.0	146	0.20	0.05	272.0
	147	0.05	0.02	323.0	148	0.43	0.18	418.0	149	0.45	0.12	272.0
	160	0.46	0.19	418.0	161	0.30	0.12	418.0	162	0.17	0.07	418.0
	163	0.01	3.87e-03	272.0	164	0.42	0.11	272.0	168	0.13	0.05	418.0
	169	0.05	0.01	272.0	175	0.10	0.04	418.0	176	0.06	0.01	272.0
	177	0.04	0.02	418.0	178	0.02	4.60e-03	272.0	187	0.02	6.38e-03	418.0
	188	0.11	0.03	272.0								
150	5	0.17	0.05	272.0	6	0.15	0.06	418.0	10	0.26	0.07	272.0
	42	0.11	0.03	323.0	43	0.03	9.87e-03	323.0	44	0.02	6.37e-03	323.0
	45	0.04	0.01	323.0	46	0.08	0.03	323.0	47	0.02	7.26e-03	323.0
	48	0.08	0.03	323.0	49	0.12	0.04	323.0	50	0.13	0.04	323.0
	51	0.06	0.02	323.0	52	0.09	0.03	323.0	75	0.20	0.08	418.0
	76	0.15	0.06	418.0	77	0.13	0.05	418.0	78	0.12	0.05	418.0
	87	0.10	0.03	272.0	88	0.06	0.02	272.0	89	0.03	8.63e-03	272.0
	90	0.17	0.05	272.0	95	0.17	0.07	418.0	96	0.16	0.04	272.0
	102	0.09	0.04	418.0	103	0.04	9.67e-03	272.0	107	0.04	0.02	418.0
	108	0.09	0.02	272.0	111	0.07	0.03	418.0	112	0.11	0.03	272.0

	114	0.17	0.05	323.0	115	0.19	0.06	323.0	116	0.25	0.10	418.0
	117	0.20	0.08	418.0	118	0.18	0.06	323.0	119	0.28	0.12	418.0
	120	0.19	0.05	272.0	121	0.16	0.04	272.0	122	0.17	0.05	323.0
	123	0.23	0.10	418.0	124	0.17	0.05	272.0	125	0.12	0.03	272.0
	126	0.17	0.06	323.0	127	0.19	0.08	418.0	128	0.13	0.03	272.0
	144	0.14	0.05	323.0	145	0.22	0.09	418.0	146	0.20	0.05	272.0
	147	0.09	0.03	323.0	148	0.44	0.18	418.0	149	0.45	0.12	272.0
	160	0.48	0.20	418.0	161	0.36	0.15	418.0	162	0.22	0.09	418.0
	163	0.06	0.02	272.0	164	0.43	0.12	272.0	168	0.16	0.07	418.0
	169	0.03	8.07e-03	272.0	175	0.13	0.06	418.0	176	8.82e-03	2.40e-03	272.0
	177	0.06	0.03	418.0	178	0.02	4.25e-03	272.0	187	0.02	7.97e-03	418.0
	188	0.10	0.03	272.0								
151	5	0.21	0.06	272.0	6	0.40	0.17	418.0	10	0.25	0.07	272.0
	42	0.21	0.07	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.09	0.03	323.0	46	0.10	0.03	323.0	47	0.06	0.02	323.0
	48	0.07	0.02	323.0	49	0.22	0.07	323.0	50	0.22	0.07	323.0
	51	0.08	0.03	323.0	52	0.07	0.02	323.0	75	0.42	0.17	418.0
	76	0.41	0.17	418.0	77	0.31	0.13	418.0	78	0.17	0.07	418.0
	87	0.35	0.10	272.0	88	0.31	0.09	272.0	89	0.33	0.09	272.0
	90	0.19	0.05	272.0	95	0.42	0.17	418.0	96	0.20	0.06	272.0
	102	0.39	0.16	418.0	103	0.37	0.10	272.0	107	0.29	0.12	418.0
	108	0.35	0.10	272.0	111	0.15	0.06	418.0	112	0.36	0.10	272.0
	114	0.24	0.08	323.0	115	0.25	0.08	323.0	116	0.31	0.13	418.0
	117	0.31	0.13	418.0	118	0.25	0.08	323.0	119	0.32	0.13	418.0
	120	0.09	0.02	272.0	121	0.09	0.02	272.0	122	0.27	0.09	323.0
	123	0.33	0.14	418.0	124	0.11	0.03	272.0	125	0.11	0.03	272.0
	126	0.24	0.08	323.0	127	0.31	0.13	418.0	128	0.12	0.03	272.0
	144	0.22	0.07	323.0	145	0.41	0.17	418.0	146	0.18	0.05	272.0
	147	0.13	0.04	323.0	148	0.63	0.26	418.0	149	0.40	0.11	272.0
	160	0.56	0.24	418.0	161	0.37	0.16	418.0	162	0.10	0.04	418.0
	163	0.09	0.02	272.0	164	0.41	0.11	272.0	168	0.18	0.07	418.0
	169	0.11	0.03	272.0	175	0.17	0.07	418.0	176	0.12	0.03	272.0
	177	0.16	0.07	418.0	178	0.12	0.03	272.0	187	0.14	0.06	418.0
	188	0.38	0.10	272.0								
152	5	0.23	0.06	272.0	6	0.42	0.18	418.0	10	0.25	0.07	272.0
	42	0.22	0.07	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.10	0.03	323.0	46	0.13	0.04	323.0	47	0.07	0.02	323.0
	48	0.11	0.04	323.0	49	0.24	0.08	323.0	50	0.25	0.08	323.0
	51	0.08	0.03	323.0	52	0.11	0.04	323.0	75	0.45	0.19	418.0
	76	0.44	0.18	418.0	77	0.33	0.14	418.0	78	0.20	0.09	418.0
	87	0.34	0.09	272.0	88	0.32	0.09	272.0	89	0.34	0.09	272.0
	90	0.21	0.06	272.0	95	0.43	0.18	418.0	96	0.21	0.06	272.0
	102	0.40	0.17	418.0	103	0.38	0.10	272.0	107	0.29	0.12	418.0
	108	0.35	0.10	272.0	111	0.17	0.07	418.0	112	0.35	0.10	272.0
	114	0.25	0.08	323.0	115	0.27	0.09	323.0	116	0.39	0.16	418.0
	117	0.32	0.14	418.0	118	0.27	0.09	323.0	119	0.38	0.16	418.0
	120	0.16	0.04	272.0	121	0.14	0.04	272.0	122	0.26	0.08	323.0
	123	0.34	0.14	418.0	124	0.12	0.03	272.0	125	0.12	0.03	272.0
	126	0.25	0.08	323.0	127	0.33	0.14	418.0	128	0.12	0.03	272.0
	144	0.25	0.08	323.0	145	0.49	0.20	418.0	146	0.21	0.06	272.0
	147	0.15	0.05	323.0	148	0.68	0.28	418.0	149	0.42	0.11	272.0
	160	0.60	0.25	418.0	161	0.43	0.18	418.0	162	0.22	0.09	418.0
	163	0.11	0.03	272.0	164	0.42	0.11	272.0	168	0.20	0.08	418.0
	169	0.10	0.03	272.0	175	0.16	0.07	418.0	176	0.10	0.03	272.0
	177	0.14	0.06	418.0	178	0.11	0.03	272.0	187	0.14	0.06	418.0
	188	0.36	0.10	272.0								
153	5	0.16	0.04	272.0	6	0.12	0.05	418.0	10	0.26	0.07	272.0
	42	0.09	0.03	323.0	43	0.04	0.01	323.0	44	0.04	0.01	323.0
	45	0.03	9.39e-03	323.0	46	0.05	0.02	323.0	47	0.05	0.02	323.0
	48	0.05	0.02	323.0	49	0.10	0.03	323.0	50	0.10	0.03	323.0
	51	0.08	0.02	323.0	52	0.08	0.02	323.0	75	0.17	0.07	418.0
	76	0.14	0.06	418.0	77	0.12	0.05	418.0	78	0.11	0.05	418.0
	87	0.10	0.03	272.0	88	0.07	0.02	272.0	89	0.05	0.01	272.0
	90	0.16	0.04	272.0	95	0.14	0.06	418.0	96	0.16	0.04	272.0
	102	0.09	0.04	418.0	103	0.04	0.01	272.0	107	0.05	0.02	418.0
	108	0.07	0.02	272.0	111	0.08	0.03	418.0	112	0.09	0.02	272.0
	114	0.12	0.04	323.0	115	0.12	0.04	323.0	116	0.19	0.08	418.0
	117	0.14	0.06	418.0	118	0.15	0.05	323.0	119	0.17	0.07	418.0
	120	0.10	0.03	272.0	121	0.10	0.03	272.0	122	0.17	0.06	323.0
	123	0.18	0.08	418.0	124	0.11	0.03	272.0	125	0.09	0.03	272.0
	126	0.13	0.04	323.0	127	0.13	0.06	418.0	128	0.09	0.03	272.0
	144	0.09	0.03	323.0	145	0.19	0.08	418.0	146	0.17	0.05	272.0
	147	0.04	0.01	323.0	148	0.44	0.18	418.0	149	0.44	0.12	272.0
	160	0.52	0.22	418.0	161	0.38	0.16	418.0	162	0.24	0.10	418.0
	163	0.04	9.69e-03	272.0	164	0.44	0.12	272.0	168	0.16	0.07	418.0
	169	0.06	0.02	272.0	175	0.13	0.05	418.0	176	0.05	0.01	272.0
	177	0.08	0.03	418.0	178	0.01	3.42e-03	272.0	187	0.03	0.01	418.0

	188	0.09	0.02	272.0								
154	5	0.14	0.04	272.0	6	0.10	0.04	418.0	10	0.28	0.08	272.0
	42	0.07	0.02	323.0	43	0.03	8.45e-03	323.0	44	0.02	6.41e-03	323.0
	45	0.04	0.01	323.0	46	0.10	0.03	323.0	47	0.03	8.10e-03	323.0
	48	0.10	0.03	323.0	49	0.10	0.03	323.0	50	0.12	0.04	323.0
	51	0.08	0.03	323.0	52	0.11	0.04	323.0	75	0.19	0.08	418.0
	76	0.17	0.07	418.0	77	0.16	0.07	418.0	78	0.16	0.07	418.0
	87	0.08	0.02	272.0	88	0.06	0.02	272.0	89	0.05	0.01	272.0
	90	0.15	0.04	272.0	95	0.13	0.06	418.0	96	0.13	0.04	272.0
	102	0.07	0.03	418.0	103	0.05	0.01	272.0	107	0.05	0.02	418.0
	108	0.07	0.02	272.0	111	0.09	0.04	418.0	112	0.09	0.02	272.0
	114	0.11	0.03	323.0	115	0.15	0.05	323.0	116	0.25	0.10	418.0
	117	0.13	0.05	418.0	118	0.15	0.05	323.0	119	0.27	0.11	418.0
	120	0.19	0.05	272.0	121	0.15	0.04	272.0	122	0.12	0.04	323.0
	123	0.18	0.08	418.0	124	0.15	0.04	272.0	125	0.09	0.02	272.0
	126	0.11	0.04	323.0	127	0.12	0.05	418.0	128	0.09	0.02	272.0
	144	0.13	0.04	323.0	145	0.24	0.10	418.0	146	0.18	0.05	272.0
	147	0.11	0.03	323.0	148	0.46	0.19	418.0	149	0.44	0.12	272.0
	160	0.55	0.23	418.0	161	0.45	0.19	418.0	162	0.30	0.12	418.0
	163	0.09	0.02	272.0	164	0.45	0.12	272.0	168	0.22	0.09	418.0
	169	0.05	0.01	272.0	175	0.19	0.08	418.0	176	0.03	8.11e-03	272.0
	177	0.10	0.04	418.0	178	0.03	7.35e-03	272.0	187	0.03	0.01	418.0
	188	0.08	0.02	272.0								
155	5	0.18	0.05	272.0	6	0.35	0.15	418.0	10	0.27	0.07	272.0
	42	0.18	0.06	323.0	43	0.06	0.02	323.0	44	0.10	0.03	323.0
	45	0.10	0.03	323.0	46	0.11	0.04	323.0	47	0.06	0.02	323.0
	48	0.08	0.02	323.0	49	0.18	0.06	323.0	50	0.19	0.06	323.0
	51	0.10	0.03	323.0	52	0.10	0.03	323.0	75	0.38	0.16	418.0
	76	0.40	0.17	418.0	77	0.33	0.14	418.0	78	0.20	0.08	418.0
	87	0.38	0.10	272.0	88	0.33	0.09	272.0	89	0.32	0.09	272.0
	90	0.17	0.05	272.0	95	0.37	0.15	418.0	96	0.18	0.05	272.0
	102	0.37	0.15	418.0	103	0.35	0.10	272.0	107	0.30	0.13	418.0
	108	0.36	0.10	272.0	111	0.17	0.07	418.0	112	0.39	0.10	272.0
	114	0.18	0.06	323.0	115	0.19	0.06	323.0	116	0.25	0.11	418.0
	117	0.24	0.10	418.0	118	0.21	0.07	323.0	119	0.25	0.11	418.0
	120	0.06	0.02	272.0	121	0.05	0.01	272.0	122	0.23	0.07	323.0
	123	0.28	0.12	418.0	124	0.09	0.02	272.0	125	0.08	0.02	272.0
	126	0.18	0.06	323.0	127	0.24	0.10	418.0	128	0.08	0.02	272.0
	144	0.19	0.06	323.0	145	0.37	0.15	418.0	146	0.14	0.04	272.0
	147	0.12	0.04	323.0	148	0.63	0.26	418.0	149	0.39	0.11	272.0
	160	0.62	0.26	418.0	161	0.44	0.18	418.0	162	0.17	0.07	418.0
	163	0.10	0.03	272.0	164	0.43	0.12	272.0	168	0.23	0.10	418.0
	169	0.14	0.04	272.0	175	0.22	0.09	418.0	176	0.14	0.04	272.0
	177	0.19	0.08	418.0	178	0.14	0.04	272.0	187	0.15	0.06	418.0
	188	0.40	0.11	272.0								
156	5	0.20	0.05	272.0	6	0.37	0.16	418.0	10	0.28	0.08	272.0
	42	0.19	0.06	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.10	0.03	323.0	46	0.14	0.04	323.0	47	0.07	0.02	323.0
	48	0.11	0.04	323.0	49	0.20	0.07	323.0	50	0.22	0.07	323.0
	51	0.10	0.03	323.0	52	0.13	0.04	323.0	75	0.41	0.17	418.0
	76	0.42	0.18	418.0	77	0.34	0.14	418.0	78	0.22	0.09	418.0
	87	0.36	0.10	272.0	88	0.33	0.09	272.0	89	0.32	0.09	272.0
	90	0.18	0.05	272.0	95	0.38	0.16	418.0	96	0.18	0.05	272.0
	102	0.38	0.16	418.0	103	0.36	0.10	272.0	107	0.30	0.13	418.0
	108	0.36	0.10	272.0	111	0.19	0.08	418.0	112	0.37	0.10	272.0
	114	0.20	0.06	323.0	115	0.22	0.07	323.0	116	0.37	0.15	418.0
	117	0.25	0.11	418.0	118	0.22	0.07	323.0	119	0.36	0.15	418.0
	120	0.18	0.05	272.0	121	0.13	0.04	272.0	122	0.20	0.06	323.0
	123	0.28	0.12	418.0	124	0.13	0.03	272.0	125	0.08	0.02	272.0
	126	0.19	0.06	323.0	127	0.25	0.11	418.0	128	0.08	0.02	272.0
	144	0.23	0.07	323.0	145	0.47	0.20	418.0	146	0.20	0.05	272.0
	147	0.16	0.05	323.0	148	0.69	0.29	418.0	149	0.42	0.11	272.0
	160	0.67	0.28	418.0	161	0.52	0.22	418.0	162	0.29	0.12	418.0
	163	0.13	0.04	272.0	164	0.44	0.12	272.0	168	0.23	0.10	418.0
	169	0.11	0.03	272.0	175	0.19	0.08	418.0	176	0.12	0.03	272.0
	177	0.18	0.07	418.0	178	0.13	0.04	272.0	187	0.15	0.06	418.0
	188	0.39	0.11	272.0								
157	5	0.16	0.04	272.0	6	0.12	0.05	418.0	10	0.26	0.07	272.0
	42	0.09	0.03	323.0	43	0.04	0.01	323.0	44	0.04	0.01	323.0
	45	0.03	8.36e-03	323.0	46	0.04	0.01	323.0	47	0.05	0.02	323.0
	48	0.04	0.01	323.0	49	0.09	0.03	323.0	50	0.09	0.03	323.0
	51	0.07	0.02	323.0	52	0.07	0.02	323.0	75	0.16	0.06	418.0
	76	0.12	0.05	418.0	77	0.10	0.04	418.0	78	0.09	0.04	418.0
	87	0.09	0.03	272.0	88	0.06	0.02	272.0	89	0.04	0.01	272.0
	90	0.16	0.04	272.0	95	0.14	0.06	418.0	96	0.16	0.04	272.0
	102	0.09	0.04	418.0	103	0.04	0.01	272.0	107	0.05	0.02	418.0
	108	0.07	0.02	272.0	111	0.08	0.03	418.0	112	0.09	0.02	272.0

	114	0.12	0.04	323.0	115	0.12	0.04	323.0	116	0.15	0.06	418.0
	117	0.14	0.06	418.0	118	0.14	0.04	323.0	119	0.15	0.06	418.0
	120	0.10	0.03	272.0	121	0.11	0.03	272.0	122	0.16	0.05	323.0
	123	0.17	0.07	418.0	124	0.10	0.03	272.0	125	0.09	0.03	272.0
	126	0.13	0.04	323.0	127	0.13	0.06	418.0	128	0.09	0.03	272.0
	144	0.09	0.03	323.0	145	0.15	0.06	418.0	146	0.17	0.05	272.0
	147	0.05	0.02	323.0	148	0.42	0.18	418.0	149	0.44	0.12	272.0
	160	0.50	0.21	418.0	161	0.36	0.15	418.0	162	0.20	0.09	418.0
	163	0.03	8.35e-03	272.0	164	0.44	0.12	272.0	168	0.15	0.06	418.0
	169	0.05	0.01	272.0	175	0.13	0.05	418.0	176	0.05	0.01	272.0
	177	0.08	0.03	418.0	178	0.01	3.78e-03	272.0	187	0.03	0.01	418.0
	188	0.09	0.02	272.0								
158	5	0.14	0.04	272.0	6	0.10	0.04	418.0	10	0.28	0.08	272.0
	42	0.07	0.02	323.0	43	0.03	8.24e-03	323.0	44	0.02	6.04e-03	323.0
	45	0.04	0.01	323.0	46	0.09	0.03	323.0	47	0.02	7.26e-03	323.0
	48	0.09	0.03	323.0	49	0.10	0.03	323.0	50	0.11	0.04	323.0
	51	0.08	0.03	323.0	52	0.11	0.03	323.0	75	0.17	0.07	418.0
	76	0.15	0.06	418.0	77	0.14	0.06	418.0	78	0.14	0.06	418.0
	87	0.08	0.02	272.0	88	0.06	0.02	272.0	89	0.04	0.01	272.0
	90	0.14	0.04	272.0	95	0.13	0.05	418.0	96	0.13	0.04	272.0
	102	0.07	0.03	418.0	103	0.05	0.01	272.0	107	0.05	0.02	418.0
	108	0.08	0.02	272.0	111	0.08	0.03	418.0	112	0.09	0.02	272.0
	114	0.11	0.03	323.0	115	0.14	0.05	323.0	116	0.20	0.08	418.0
	117	0.13	0.05	418.0	118	0.13	0.04	323.0	119	0.23	0.10	418.0
	120	0.16	0.04	272.0	121	0.14	0.04	272.0	122	0.11	0.04	323.0
	123	0.17	0.07	418.0	124	0.14	0.04	272.0	125	0.09	0.02	272.0
	126	0.11	0.04	323.0	127	0.12	0.05	418.0	128	0.09	0.02	272.0
	144	0.12	0.04	323.0	145	0.19	0.08	418.0	146	0.17	0.05	272.0
	147	0.09	0.03	323.0	148	0.43	0.18	418.0	149	0.44	0.12	272.0
	160	0.53	0.22	418.0	161	0.42	0.17	418.0	162	0.25	0.11	418.0
	163	0.07	0.02	272.0	164	0.45	0.12	272.0	168	0.20	0.08	418.0
	169	0.04	0.01	272.0	175	0.18	0.08	418.0	176	0.03	7.39e-03	272.0
	177	0.10	0.04	418.0	178	0.03	7.62e-03	272.0	187	0.03	0.01	418.0
	188	0.08	0.02	272.0								
159	5	0.18	0.05	272.0	6	0.35	0.15	418.0	10	0.27	0.07	272.0
	42	0.18	0.06	323.0	43	0.06	0.02	323.0	44	0.10	0.03	323.0
	45	0.10	0.03	323.0	46	0.11	0.03	323.0	47	0.06	0.02	323.0
	48	0.07	0.02	323.0	49	0.18	0.06	323.0	50	0.19	0.06	323.0
	51	0.10	0.03	323.0	52	0.09	0.03	323.0	75	0.37	0.15	418.0
	76	0.39	0.16	418.0	77	0.32	0.14	418.0	78	0.19	0.08	418.0
	87	0.38	0.10	272.0	88	0.32	0.09	272.0	89	0.32	0.09	272.0
	90	0.16	0.04	272.0	95	0.37	0.15	418.0	96	0.18	0.05	272.0
	102	0.37	0.15	418.0	103	0.35	0.10	272.0	107	0.30	0.13	418.0
	108	0.36	0.10	272.0	111	0.17	0.07	418.0	112	0.38	0.10	272.0
	114	0.18	0.06	323.0	115	0.19	0.06	323.0	116	0.24	0.10	418.0
	117	0.24	0.10	418.0	118	0.20	0.06	323.0	119	0.24	0.10	418.0
	120	0.05	0.01	272.0	121	0.06	0.02	272.0	122	0.22	0.07	323.0
	123	0.26	0.11	418.0	124	0.07	0.02	272.0	125	0.08	0.02	272.0
	126	0.18	0.06	323.0	127	0.24	0.10	418.0	128	0.08	0.02	272.0
	144	0.19	0.06	323.0	145	0.36	0.15	418.0	146	0.15	0.04	272.0
	147	0.13	0.04	323.0	148	0.62	0.26	418.0	149	0.40	0.11	272.0
	160	0.61	0.26	418.0	161	0.43	0.18	418.0	162	0.14	0.06	418.0
	163	0.11	0.03	272.0	164	0.43	0.12	272.0	168	0.22	0.09	418.0
	169	0.13	0.04	272.0	175	0.22	0.09	418.0	176	0.14	0.04	272.0
	177	0.19	0.08	418.0	178	0.14	0.04	272.0	187	0.15	0.06	418.0
	188	0.40	0.11	272.0								
160	5	0.20	0.05	272.0	6	0.37	0.16	418.0	10	0.27	0.07	272.0
	42	0.19	0.06	323.0	43	0.06	0.02	323.0	44	0.09	0.03	323.0
	45	0.10	0.03	323.0	46	0.13	0.04	323.0	47	0.06	0.02	323.0
	48	0.10	0.03	323.0	49	0.20	0.07	323.0	50	0.21	0.07	323.0
	51	0.09	0.03	323.0	52	0.12	0.04	323.0	75	0.40	0.17	418.0
	76	0.42	0.17	418.0	77	0.33	0.14	418.0	78	0.21	0.09	418.0
	87	0.36	0.10	272.0	88	0.33	0.09	272.0	89	0.32	0.09	272.0
	90	0.18	0.05	272.0	95	0.38	0.16	418.0	96	0.18	0.05	272.0
	102	0.38	0.16	418.0	103	0.36	0.10	272.0	107	0.30	0.13	418.0
	108	0.36	0.10	272.0	111	0.18	0.08	418.0	112	0.37	0.10	272.0
	114	0.20	0.06	323.0	115	0.22	0.07	323.0	116	0.33	0.14	418.0
	117	0.25	0.11	418.0	118	0.21	0.07	323.0	119	0.33	0.14	418.0
	120	0.15	0.04	272.0	121	0.12	0.03	272.0	122	0.20	0.06	323.0
	123	0.27	0.11	418.0	124	0.11	0.03	272.0	125	0.08	0.02	272.0
	126	0.19	0.06	323.0	127	0.25	0.11	418.0	128	0.09	0.02	272.0
	144	0.22	0.07	323.0	145	0.44	0.18	418.0	146	0.19	0.05	272.0
	147	0.15	0.05	323.0	148	0.67	0.28	418.0	149	0.42	0.11	272.0
	160	0.64	0.27	418.0	161	0.48	0.20	418.0	162	0.24	0.10	418.0
	163	0.12	0.03	272.0	164	0.44	0.12	272.0	168	0.22	0.09	418.0
	169	0.11	0.03	272.0	175	0.19	0.08	418.0	176	0.12	0.03	272.0
	177	0.18	0.07	418.0	178	0.13	0.04	272.0	187	0.15	0.06	418.0

	188	0.39	0.11	272.0								
161	5	0.09	0.02	272.0	6	0.04	0.02	418.0	10	0.13	0.03	272.0
	42	0.05	0.02	323.0	43	0.05	0.01	323.0	44	0.06	0.02	323.0
	45	0.12	0.04	323.0	46	0.23	0.07	323.0	47	0.13	0.04	323.0
	48	0.23	0.07	323.0	49	0.18	0.06	323.0	50	0.23	0.07	323.0
	51	0.18	0.06	323.0	52	0.23	0.07	323.0	75	0.43	0.18	418.0
	76	0.43	0.18	418.0	77	0.44	0.18	418.0	78	0.43	0.18	418.0
	87	0.27	0.07	272.0	88	0.22	0.06	272.0	89	0.20	0.05	272.0
	90	0.18	0.05	272.0	95	0.27	0.11	418.0	96	0.15	0.04	272.0
	102	0.06	0.03	418.0	103	0.14	0.04	272.0	107	0.08	0.03	418.0
	108	0.18	0.05	272.0	111	0.26	0.11	418.0	112	0.24	0.06	272.0
	114	0.06	0.02	323.0	115	0.07	0.02	323.0	116	0.52	0.22	418.0
	117	0.09	0.04	418.0	118	0.32	0.10	323.0	119	0.49	0.20	418.0
	120	0.27	0.07	272.0	121	0.12	0.03	272.0	122	0.34	0.11	323.0
	123	0.44	0.19	418.0	124	0.26	0.07	272.0	125	0.06	0.02	272.0
	126	0.06	0.02	323.0	127	0.04	0.02	418.0	128	0.05	0.01	272.0
	144	0.06	0.02	323.0	145	0.53	0.22	418.0	146	0.13	0.04	272.0
	147	0.06	0.02	323.0	148	0.54	0.23	418.0	149	0.19	0.05	272.0
	160	0.62	0.26	418.0	161	0.58	0.24	418.0	162	0.58	0.24	418.0
	163	0.13	0.03	272.0	164	0.16	0.04	272.0	168	0.43	0.18	418.0
	169	0.18	0.05	272.0	175	0.27	0.11	418.0	176	0.15	0.04	272.0
	177	0.05	0.02	418.0	178	0.07	0.02	272.0	187	0.04	0.02	418.0
	188	0.22	0.06	272.0								
162	5	0.02	5.81e-03	272.0	6	0.08	0.03	418.0	10	0.21	0.06	272.0
	42	0.03	8.83e-03	323.0	43	0.01	4.44e-03	323.0	44	0.03	0.01	323.0
	45	0.13	0.04	323.0	46	0.27	0.09	323.0	47	0.11	0.04	323.0
	48	0.27	0.09	323.0	49	0.20	0.06	323.0	50	0.27	0.09	323.0
	51	0.18	0.06	323.0	52	0.27	0.09	323.0	75	0.47	0.20	418.0
	76	0.47	0.20	418.0	77	0.47	0.20	418.0	78	0.46	0.19	418.0
	87	0.23	0.06	272.0	88	0.21	0.06	272.0	89	0.20	0.05	272.0
	90	0.16	0.04	272.0	95	0.27	0.11	418.0	96	0.10	0.03	272.0
	102	0.11	0.04	418.0	103	0.16	0.04	272.0	107	0.07	0.03	418.0
	108	0.18	0.05	272.0	111	0.28	0.12	418.0	112	0.21	0.06	272.0
	114	0.01	4.34e-03	323.0	115	0.20	0.06	323.0	116	0.64	0.27	418.0
	117	0.04	0.02	418.0	118	0.33	0.11	323.0	119	0.64	0.27	418.0
	120	0.40	0.11	272.0	121	0.24	0.06	272.0	122	0.26	0.08	323.0
	123	0.45	0.19	418.0	124	0.33	0.09	272.0	125	0.04	0.01	272.0
	126	0.02	5.19e-03	323.0	127	0.01	4.44e-03	418.0	128	0.04	0.01	272.0
	144	0.20	0.06	323.0	145	0.65	0.27	418.0	146	0.22	0.06	272.0
	147	0.19	0.06	323.0	148	0.65	0.27	418.0	149	0.25	0.07	272.0
	160	0.71	0.30	418.0	161	0.74	0.31	418.0	162	0.68	0.28	418.0
	163	0.19	0.05	272.0	164	0.24	0.07	272.0	168	0.47	0.20	418.0
	169	0.15	0.04	272.0	175	0.29	0.12	418.0	176	0.10	0.03	272.0
	177	0.05	0.02	418.0	178	0.05	0.01	272.0	187	0.05	0.02	418.0
	188	0.18	0.05	272.0								
163	5	0.08	0.02	272.0	6	0.18	0.08	418.0	10	0.13	0.04	272.0
	42	0.09	0.03	323.0	43	0.05	0.02	323.0	44	0.08	0.02	323.0
	45	0.12	0.04	323.0	46	0.23	0.07	323.0	47	0.12	0.04	323.0
	48	0.23	0.07	323.0	49	0.19	0.06	323.0	50	0.24	0.08	323.0
	51	0.18	0.06	323.0	52	0.23	0.07	323.0	75	0.46	0.19	418.0
	76	0.47	0.20	418.0	77	0.46	0.19	418.0	78	0.43	0.18	418.0
	87	0.33	0.09	272.0	88	0.27	0.07	272.0	89	0.26	0.07	272.0
	90	0.17	0.05	272.0	95	0.33	0.14	418.0	96	0.14	0.04	272.0
	102	0.20	0.08	418.0	103	0.24	0.06	272.0	107	0.18	0.07	418.0
	108	0.26	0.07	272.0	111	0.27	0.11	418.0	112	0.31	0.08	272.0
	114	0.09	0.03	323.0	115	0.11	0.03	323.0	116	0.52	0.22	418.0
	117	0.14	0.06	418.0	118	0.33	0.11	323.0	119	0.50	0.21	418.0
	120	0.26	0.07	272.0	121	0.10	0.03	272.0	122	0.35	0.11	323.0
	123	0.47	0.19	418.0	124	0.26	0.07	272.0	125	0.04	0.01	272.0
	126	0.08	0.03	323.0	127	0.12	0.05	418.0	128	0.03	8.61e-03	272.0
	144	0.10	0.03	323.0	145	0.54	0.23	418.0	146	0.10	0.03	272.0
	147	0.08	0.03	323.0	148	0.58	0.24	418.0	149	0.13	0.04	272.0
	160	0.62	0.26	418.0	161	0.58	0.24	418.0	162	0.56	0.24	418.0
	163	0.13	0.04	272.0	164	0.15	0.04	272.0	168	0.44	0.18	418.0
	169	0.19	0.05	272.0	175	0.29	0.12	418.0	176	0.16	0.04	272.0
	177	0.11	0.05	418.0	178	0.10	0.03	272.0	187	0.08	0.03	418.0
	188	0.30	0.08	272.0								
164	5	0.11	0.03	272.0	6	0.25	0.10	418.0	10	0.21	0.06	272.0
	42	0.12	0.04	323.0	43	0.04	0.01	323.0	44	0.06	0.02	323.0
	45	0.14	0.04	323.0	46	0.28	0.09	323.0	47	0.12	0.04	323.0
	48	0.28	0.09	323.0	49	0.24	0.08	323.0	50	0.30	0.10	323.0
	51	0.19	0.06	323.0	52	0.27	0.09	323.0	75	0.53	0.22	418.0
	76	0.54	0.22	418.0	77	0.50	0.21	418.0	78	0.48	0.20	418.0
	87	0.28	0.08	272.0	88	0.27	0.07	272.0	89	0.28	0.08	272.0
	90	0.19	0.05	272.0	95	0.36	0.15	418.0	96	0.14	0.04	272.0
	102	0.25	0.11	418.0	103	0.27	0.07	272.0	107	0.17	0.07	418.0
	108	0.26	0.07	272.0	111	0.30	0.12	418.0	112	0.28	0.08	272.0

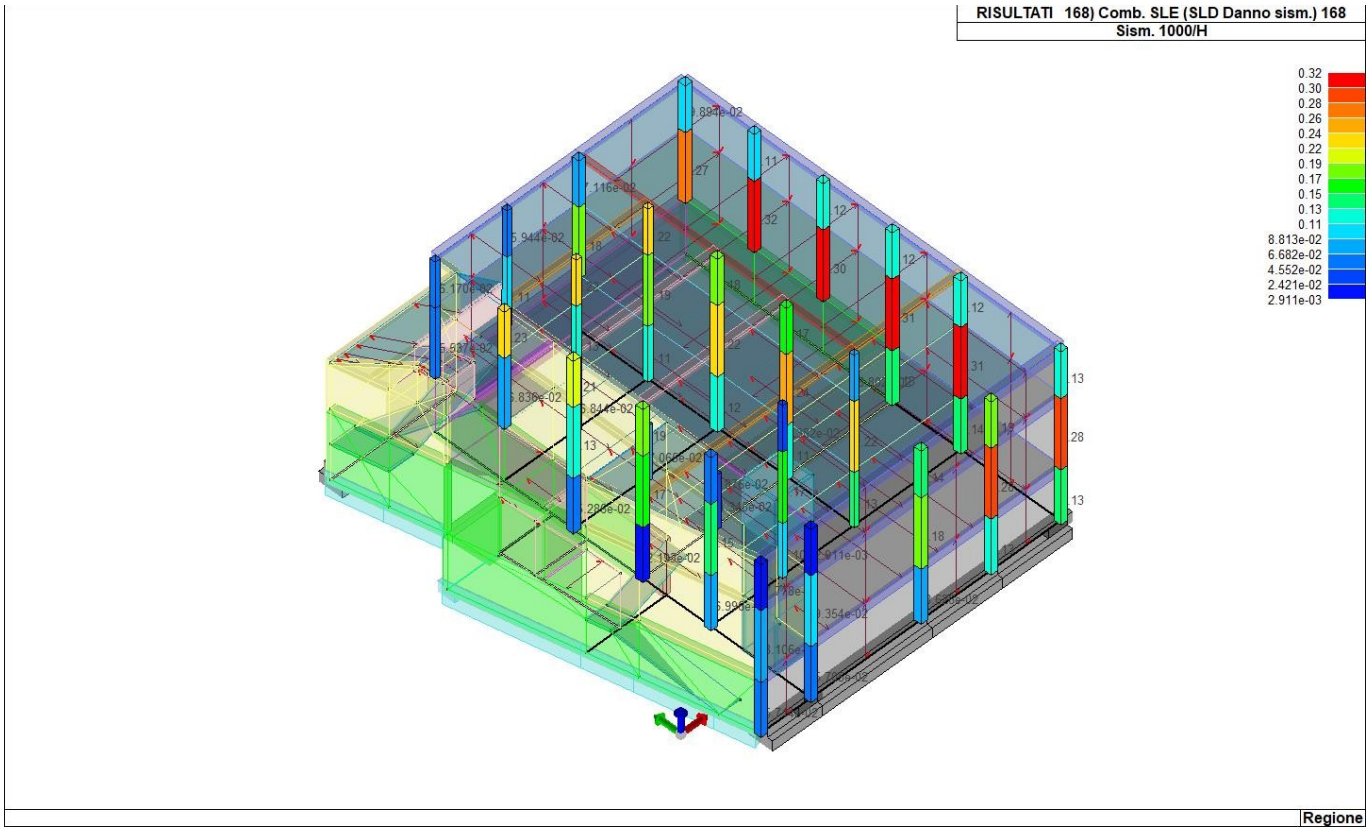
	114	0.12	0.04	323.0	115	0.23	0.08	323.0	116	0.68	0.28	418.0
	117	0.16	0.07	418.0	118	0.35	0.11	323.0	119	0.66	0.28	418.0
	120	0.39	0.11	272.0	121	0.23	0.06	272.0	122	0.29	0.09	323.0
	123	0.47	0.20	418.0	124	0.31	0.09	272.0	125	0.04	0.01	272.0
	126	0.12	0.04	323.0	127	0.16	0.07	418.0	128	0.04	0.01	272.0
	144	0.24	0.08	323.0	145	0.71	0.30	418.0	146	0.24	0.06	272.0
	147	0.20	0.07	323.0	148	0.73	0.30	418.0	149	0.25	0.07	272.0
	160	0.75	0.31	418.0	161	0.76	0.32	418.0	162	0.69	0.29	418.0
	163	0.20	0.05	272.0	164	0.24	0.07	272.0	168	0.47	0.20	418.0
	169	0.16	0.04	272.0	175	0.28	0.12	418.0	176	0.11	0.03	272.0
	177	0.07	0.03	418.0	178	0.07	0.02	272.0	187	0.09	0.04	418.0
	188	0.25	0.07	272.0								
165	5	0.08	0.02	272.0	6	0.05	0.02	418.0	10	0.13	0.04	272.0
	42	0.05	0.02	323.0	43	0.05	0.01	323.0	44	0.06	0.02	323.0
	45	0.11	0.04	323.0	46	0.23	0.07	323.0	47	0.13	0.04	323.0
	48	0.23	0.07	323.0	49	0.17	0.06	323.0	50	0.23	0.07	323.0
	51	0.18	0.06	323.0	52	0.22	0.07	323.0	75	0.43	0.18	418.0
	76	0.43	0.18	418.0	77	0.43	0.18	418.0	78	0.43	0.18	418.0
	87	0.26	0.07	272.0	88	0.22	0.06	272.0	89	0.20	0.05	272.0
	90	0.18	0.05	272.0	95	0.27	0.11	418.0	96	0.15	0.04	272.0
	102	0.07	0.03	418.0	103	0.14	0.04	272.0	107	0.08	0.03	418.0
	108	0.17	0.05	272.0	111	0.26	0.11	418.0	112	0.23	0.06	272.0
	114	0.05	0.02	323.0	115	0.07	0.02	323.0	116	0.52	0.22	418.0
	117	0.08	0.03	418.0	118	0.32	0.10	323.0	119	0.49	0.20	418.0
	120	0.27	0.07	272.0	121	0.11	0.03	272.0	122	0.34	0.11	323.0
	123	0.45	0.19	418.0	124	0.26	0.07	272.0	125	0.05	0.01	272.0
	126	0.05	0.02	323.0	127	0.02	8.02e-03	418.0	128	0.04	0.01	272.0
	144	0.05	0.02	323.0	145	0.53	0.22	418.0	146	0.13	0.03	272.0
	147	0.06	0.02	323.0	148	0.54	0.23	418.0	149	0.19	0.05	272.0
	160	0.62	0.26	418.0	161	0.59	0.24	418.0	162	0.58	0.24	418.0
	163	0.12	0.03	272.0	164	0.17	0.05	272.0	168	0.43	0.18	418.0
	169	0.18	0.05	272.0	175	0.26	0.11	418.0	176	0.15	0.04	272.0
	177	0.04	0.02	418.0	178	0.07	0.02	272.0	187	0.03	0.01	418.0
	188	0.22	0.06	272.0								
166	5	0.02	5.57e-03	272.0	6	0.09	0.04	418.0	10	0.22	0.06	272.0
	42	0.04	0.01	323.0	43	0.01	4.79e-03	323.0	44	0.03	0.01	323.0
	45	0.13	0.04	323.0	46	0.27	0.09	323.0	47	0.11	0.04	323.0
	48	0.27	0.09	323.0	49	0.20	0.07	323.0	50	0.27	0.09	323.0
	51	0.18	0.06	323.0	52	0.27	0.09	323.0	75	0.48	0.20	418.0
	76	0.48	0.20	418.0	77	0.47	0.20	418.0	78	0.47	0.20	418.0
	87	0.22	0.06	272.0	88	0.21	0.06	272.0	89	0.21	0.06	272.0
	90	0.16	0.04	272.0	95	0.28	0.12	418.0	96	0.10	0.03	272.0
	102	0.11	0.05	418.0	103	0.17	0.05	272.0	107	0.07	0.03	418.0
	108	0.18	0.05	272.0	111	0.28	0.12	418.0	112	0.21	0.06	272.0
	114	0.02	5.85e-03	323.0	115	0.20	0.06	323.0	116	0.64	0.27	418.0
	117	0.05	0.02	418.0	118	0.33	0.11	323.0	119	0.64	0.27	418.0
	120	0.39	0.11	272.0	121	0.23	0.06	272.0	122	0.26	0.08	323.0
	123	0.45	0.19	418.0	124	0.32	0.09	272.0	125	0.03	9.11e-03	272.0
	126	0.02	5.05e-03	323.0	127	0.03	0.01	418.0	128	0.03	7.10e-03	272.0
	144	0.20	0.06	323.0	145	0.65	0.27	418.0	146	0.22	0.06	272.0
	147	0.19	0.06	323.0	148	0.65	0.27	418.0	149	0.25	0.07	272.0
	160	0.72	0.30	418.0	161	0.75	0.31	418.0	162	0.68	0.29	418.0
	163	0.19	0.05	272.0	164	0.25	0.07	272.0	168	0.47	0.20	418.0
	169	0.15	0.04	272.0	175	0.30	0.12	418.0	176	0.10	0.03	272.0
	177	0.05	0.02	418.0	178	0.05	0.01	272.0	187	0.05	0.02	418.0
	188	0.17	0.05	272.0								
167	5	0.07	0.02	272.0	6	0.17	0.07	418.0	10	0.14	0.04	272.0
	42	0.08	0.03	323.0	43	0.05	0.02	323.0	44	0.08	0.02	323.0
	45	0.12	0.04	323.0	46	0.23	0.08	323.0	47	0.13	0.04	323.0
	48	0.23	0.07	323.0	49	0.19	0.06	323.0	50	0.24	0.08	323.0
	51	0.18	0.06	323.0	52	0.23	0.07	323.0	75	0.46	0.19	418.0
	76	0.47	0.20	418.0	77	0.47	0.20	418.0	78	0.44	0.18	418.0
	87	0.34	0.09	272.0	88	0.28	0.08	272.0	89	0.26	0.07	272.0
	90	0.17	0.05	272.0	95	0.32	0.14	418.0	96	0.14	0.04	272.0
	102	0.19	0.08	418.0	103	0.23	0.06	272.0	107	0.18	0.08	418.0
	108	0.26	0.07	272.0	111	0.27	0.11	418.0	112	0.32	0.09	272.0
	114	0.08	0.03	323.0	115	0.09	0.03	323.0	116	0.51	0.21	418.0
	117	0.12	0.05	418.0	118	0.33	0.11	323.0	119	0.49	0.21	418.0
	120	0.26	0.07	272.0	121	0.10	0.03	272.0	122	0.35	0.11	323.0
	123	0.46	0.19	418.0	124	0.26	0.07	272.0	125	0.04	9.79e-03	272.0
	126	0.07	0.02	323.0	127	0.09	0.04	418.0	128	0.02	6.05e-03	272.0
	144	0.09	0.03	323.0	145	0.54	0.22	418.0	146	0.10	0.03	272.0
	147	0.08	0.03	323.0	148	0.58	0.24	418.0	149	0.13	0.04	272.0
	160	0.63	0.26	418.0	161	0.59	0.25	418.0	162	0.57	0.24	418.0
	163	0.14	0.04	272.0	164	0.16	0.04	272.0	168	0.44	0.19	418.0
	169	0.19	0.05	272.0	175	0.30	0.12	418.0	176	0.17	0.05	272.0
	177	0.12	0.05	418.0	178	0.11	0.03	272.0	187	0.09	0.04	418.0

	188	0.31	0.08	272.0								
168	5	0.10	0.03	272.0	6	0.23	0.10	418.0	10	0.21	0.06	272.0
	42	0.11	0.04	323.0	43	0.04	0.01	323.0	44	0.06	0.02	323.0
	45	0.14	0.04	323.0	46	0.28	0.09	323.0	47	0.12	0.04	323.0
	48	0.27	0.09	323.0	49	0.23	0.07	323.0	50	0.30	0.10	323.0
	51	0.18	0.06	323.0	52	0.27	0.09	323.0	75	0.52	0.22	418.0
	76	0.53	0.22	418.0	77	0.50	0.21	418.0	78	0.47	0.20	418.0
	87	0.29	0.08	272.0	88	0.28	0.08	272.0	89	0.27	0.07	272.0
	90	0.18	0.05	272.0	95	0.34	0.14	418.0	96	0.14	0.04	272.0
	102	0.25	0.10	418.0	103	0.26	0.07	272.0	107	0.18	0.07	418.0
	108	0.27	0.07	272.0	111	0.30	0.12	418.0	112	0.28	0.08	272.0
	114	0.10	0.03	323.0	115	0.23	0.07	323.0	116	0.67	0.28	418.0
	117	0.14	0.06	418.0	118	0.34	0.11	323.0	119	0.65	0.27	418.0
	120	0.39	0.11	272.0	121	0.23	0.06	272.0	122	0.28	0.09	323.0
	123	0.47	0.20	418.0	124	0.32	0.09	272.0	125	0.03	8.02e-03	272.0
	126	0.10	0.03	323.0	127	0.14	0.06	418.0	128	0.03	7.13e-03	272.0
	144	0.23	0.07	323.0	145	0.70	0.29	418.0	146	0.24	0.06	272.0
	147	0.20	0.07	323.0	148	0.73	0.30	418.0	149	0.25	0.07	272.0
	160	0.76	0.32	418.0	161	0.77	0.32	418.0	162	0.69	0.29	418.0
	163	0.20	0.05	272.0	164	0.25	0.07	272.0	168	0.47	0.20	418.0
	169	0.16	0.04	272.0	175	0.28	0.12	418.0	176	0.11	0.03	272.0
	177	0.07	0.03	418.0	178	0.08	0.02	272.0	187	0.10	0.04	418.0
	188	0.26	0.07	272.0								
169	5	0.09	0.02	272.0	6	0.05	0.02	418.0	10	0.08	0.02	272.0
	42	0.05	0.02	323.0	43	0.05	0.02	323.0	44	0.06	0.02	323.0
	45	0.10	0.03	323.0	46	0.19	0.06	323.0	47	0.12	0.04	323.0
	48	0.19	0.06	323.0	49	0.17	0.05	323.0	50	0.19	0.06	323.0
	51	0.17	0.05	323.0	52	0.19	0.06	323.0	75	0.36	0.15	418.0
	76	0.37	0.15	418.0	77	0.37	0.16	418.0	78	0.36	0.15	418.0
	87	0.25	0.07	272.0	88	0.20	0.05	272.0	89	0.17	0.05	272.0
	90	0.16	0.04	272.0	95	0.25	0.11	418.0	96	0.14	0.04	272.0
	102	0.06	0.03	418.0	103	0.14	0.04	272.0	107	0.08	0.03	418.0
	108	0.17	0.05	272.0	111	0.23	0.10	418.0	112	0.23	0.06	272.0
	114	0.07	0.02	323.0	115	0.05	0.01	323.0	116	0.34	0.14	418.0
	117	0.09	0.04	418.0	118	0.25	0.08	323.0	119	0.35	0.15	418.0
	120	0.18	0.05	272.0	121	0.08	0.02	272.0	122	0.29	0.09	323.0
	123	0.36	0.15	418.0	124	0.19	0.05	272.0	125	0.06	0.02	272.0
	126	0.07	0.02	323.0	127	0.04	0.02	418.0	128	0.05	0.01	272.0
	144	0.02	6.54e-03	323.0	145	0.34	0.14	418.0	146	0.10	0.03	272.0
	147	0.04	0.01	323.0	148	0.36	0.15	418.0	149	0.17	0.05	272.0
	160	0.41	0.17	418.0	161	0.37	0.16	418.0	162	0.38	0.16	418.0
	163	0.08	0.02	272.0	164	0.13	0.04	272.0	168	0.36	0.15	418.0
	169	0.15	0.04	272.0	175	0.24	0.10	418.0	176	0.14	0.04	272.0
	177	0.05	0.02	418.0	178	0.08	0.02	272.0	187	0.04	0.02	418.0
	188	0.22	0.06	272.0								
170	5	0.02	5.39e-03	272.0	6	0.08	0.03	418.0	10	0.18	0.05	272.0
	42	0.03	9.46e-03	323.0	43	0.02	5.63e-03	323.0	44	0.04	0.01	323.0
	45	0.12	0.04	323.0	46	0.24	0.08	323.0	47	0.10	0.03	323.0
	48	0.23	0.08	323.0	49	0.19	0.06	323.0	50	0.24	0.08	323.0
	51	0.17	0.05	323.0	52	0.23	0.08	323.0	75	0.40	0.17	418.0
	76	0.41	0.17	418.0	77	0.40	0.17	418.0	78	0.40	0.17	418.0
	87	0.21	0.06	272.0	88	0.20	0.05	272.0	89	0.18	0.05	272.0
	90	0.13	0.04	272.0	95	0.25	0.10	418.0	96	0.09	0.02	272.0
	102	0.11	0.04	418.0	103	0.16	0.04	272.0	107	0.08	0.03	418.0
	108	0.18	0.05	272.0	111	0.25	0.10	418.0	112	0.21	0.06	272.0
	114	0.02	5.40e-03	323.0	115	0.16	0.05	323.0	116	0.46	0.19	418.0
	117	0.04	0.02	418.0	118	0.26	0.08	323.0	119	0.50	0.21	418.0
	120	0.31	0.08	272.0	121	0.18	0.05	272.0	122	0.21	0.07	323.0
	123	0.37	0.16	418.0	124	0.26	0.07	272.0	125	0.04	0.01	272.0
	126	9.95e-03	3.22e-03	323.0	127	0.02	6.30e-03	418.0	128	0.03	9.27e-03	272.0
	144	0.16	0.05	323.0	145	0.46	0.19	418.0	146	0.17	0.05	272.0
	147	0.16	0.05	323.0	148	0.46	0.19	418.0	149	0.21	0.06	272.0
	160	0.51	0.21	418.0	161	0.54	0.22	418.0	162	0.48	0.20	418.0
	163	0.14	0.04	272.0	164	0.21	0.06	272.0	168	0.40	0.17	418.0
	169	0.12	0.03	272.0	175	0.27	0.11	418.0	176	0.08	0.02	272.0
	177	0.05	0.02	418.0	178	0.06	0.02	272.0	187	0.05	0.02	418.0
	188	0.18	0.05	272.0								
171	5	0.08	0.02	272.0	6	0.18	0.08	418.0	10	0.11	0.03	272.0
	42	0.09	0.03	323.0	43	0.05	0.02	323.0	44	0.08	0.02	323.0
	45	0.11	0.04	323.0	46	0.20	0.06	323.0	47	0.11	0.04	323.0
	48	0.19	0.06	323.0	49	0.18	0.06	323.0	50	0.21	0.07	323.0
	51	0.17	0.05	323.0	52	0.19	0.06	323.0	75	0.40	0.17	418.0
	76	0.41	0.17	418.0	77	0.40	0.17	418.0	78	0.37	0.15	418.0
	87	0.31	0.08	272.0	88	0.26	0.07	272.0	89	0.24	0.07	272.0
	90	0.14	0.04	272.0	95	0.31	0.13	418.0	96	0.13	0.04	272.0
	102	0.20	0.08	418.0	103	0.24	0.06	272.0	107	0.18	0.07	418.0
	108	0.25	0.07	272.0	111	0.24	0.10	418.0	112	0.30	0.08	272.0

	114	0.09	0.03	323.0	115	0.09	0.03	323.0	116	0.34	0.14	418.0
	117	0.14	0.06	418.0	118	0.26	0.08	323.0	119	0.37	0.15	418.0
	120	0.17	0.05	272.0	121	0.05	0.01	272.0	122	0.31	0.10	323.0
	123	0.39	0.16	418.0	124	0.19	0.05	272.0	125	0.04	0.01	272.0
	126	0.09	0.03	323.0	127	0.12	0.05	418.0	128	0.03	8.28e-03	272.0
	144	0.09	0.03	323.0	145	0.37	0.15	418.0	146	0.05	0.01	272.0
	147	0.07	0.02	323.0	148	0.41	0.17	418.0	149	0.10	0.03	272.0
	160	0.44	0.18	418.0	161	0.39	0.16	418.0	162	0.36	0.15	418.0
	163	0.09	0.03	272.0	164	0.14	0.04	272.0	168	0.37	0.15	418.0
	169	0.16	0.04	272.0	175	0.26	0.11	418.0	176	0.15	0.04	272.0
	177	0.11	0.05	418.0	178	0.10	0.03	272.0	187	0.08	0.03	418.0
	188	0.30	0.08	272.0								
172	5	0.11	0.03	272.0	6	0.25	0.10	418.0	10	0.16	0.04	272.0
	42	0.13	0.04	323.0	43	0.04	0.01	323.0	44	0.06	0.02	323.0
	45	0.13	0.04	323.0	46	0.25	0.08	323.0	47	0.11	0.04	323.0
	48	0.24	0.08	323.0	49	0.23	0.07	323.0	50	0.27	0.09	323.0
	51	0.17	0.06	323.0	52	0.24	0.08	323.0	75	0.47	0.20	418.0
	76	0.48	0.20	418.0	77	0.44	0.18	418.0	78	0.41	0.17	418.0
	87	0.27	0.07	272.0	88	0.26	0.07	272.0	89	0.26	0.07	272.0
	90	0.16	0.04	272.0	95	0.34	0.14	418.0	96	0.13	0.04	272.0
	102	0.25	0.11	418.0	103	0.27	0.07	272.0	107	0.18	0.07	418.0
	108	0.26	0.07	272.0	111	0.27	0.11	418.0	112	0.27	0.07	272.0
	114	0.12	0.04	323.0	115	0.20	0.06	323.0	116	0.50	0.21	418.0
	117	0.16	0.07	418.0	118	0.28	0.09	323.0	119	0.52	0.22	418.0
	120	0.31	0.08	272.0	121	0.18	0.05	272.0	122	0.24	0.08	323.0
	123	0.40	0.17	418.0	124	0.24	0.07	272.0	125	0.04	0.01	272.0
	126	0.12	0.04	323.0	127	0.16	0.07	418.0	128	0.04	0.01	272.0
	144	0.20	0.07	323.0	145	0.54	0.23	418.0	146	0.19	0.05	272.0
	147	0.17	0.06	323.0	148	0.56	0.23	418.0	149	0.21	0.06	272.0
	160	0.55	0.23	418.0	161	0.55	0.23	418.0	162	0.49	0.20	418.0
	163	0.15	0.04	272.0	164	0.20	0.05	272.0	168	0.40	0.17	418.0
	169	0.13	0.04	272.0	175	0.26	0.11	418.0	176	0.10	0.03	272.0
	177	0.07	0.03	418.0	178	0.08	0.02	272.0	187	0.09	0.04	418.0
	188	0.26	0.07	272.0								
173	5	0.08	0.02	272.0	6	0.05	0.02	418.0	10	0.08	0.02	272.0
	42	0.05	0.02	323.0	43	0.05	0.02	323.0	44	0.06	0.02	323.0
	45	0.10	0.03	323.0	46	0.19	0.06	323.0	47	0.12	0.04	323.0
	48	0.19	0.06	323.0	49	0.16	0.05	323.0	50	0.19	0.06	323.0
	51	0.16	0.05	323.0	52	0.19	0.06	323.0	75	0.36	0.15	418.0
	76	0.36	0.15	418.0	77	0.37	0.15	418.0	78	0.36	0.15	418.0
	87	0.24	0.07	272.0	88	0.19	0.05	272.0	89	0.17	0.05	272.0
	90	0.15	0.04	272.0	95	0.25	0.11	418.0	96	0.14	0.04	272.0
	102	0.07	0.03	418.0	103	0.14	0.04	272.0	107	0.08	0.03	418.0
	108	0.17	0.05	272.0	111	0.23	0.10	418.0	112	0.22	0.06	272.0
	114	0.06	0.02	323.0	115	0.03	0.01	323.0	116	0.34	0.14	418.0
	117	0.08	0.03	418.0	118	0.25	0.08	323.0	119	0.35	0.15	418.0
	120	0.18	0.05	272.0	121	0.07	0.02	272.0	122	0.29	0.09	323.0
	123	0.36	0.15	418.0	124	0.19	0.05	272.0	125	0.05	0.01	272.0
	126	0.05	0.02	323.0	127	0.02	9.36e-03	418.0	128	0.04	0.01	272.0
	144	0.01	4.52e-03	323.0	145	0.34	0.14	418.0	146	0.09	0.02	272.0
	147	0.04	0.01	323.0	148	0.36	0.15	418.0	149	0.17	0.05	272.0
	160	0.41	0.17	418.0	161	0.37	0.16	418.0	162	0.38	0.16	418.0
	163	0.08	0.02	272.0	164	0.14	0.04	272.0	168	0.36	0.15	418.0
	169	0.15	0.04	272.0	175	0.24	0.10	418.0	176	0.13	0.04	272.0
	177	0.04	0.02	418.0	178	0.07	0.02	272.0	187	0.04	0.01	418.0
	188	0.21	0.06	272.0								
174	5	0.02	4.92e-03	272.0	6	0.09	0.04	418.0	10	0.18	0.05	272.0
	42	0.04	0.01	323.0	43	0.02	5.94e-03	323.0	44	0.03	0.01	323.0
	45	0.12	0.04	323.0	46	0.24	0.08	323.0	47	0.10	0.03	323.0
	48	0.24	0.08	323.0	49	0.19	0.06	323.0	50	0.24	0.08	323.0
	51	0.17	0.05	323.0	52	0.24	0.08	323.0	75	0.41	0.17	418.0
	76	0.41	0.17	418.0	77	0.41	0.17	418.0	78	0.40	0.17	418.0
	87	0.20	0.06	272.0	88	0.19	0.05	272.0	89	0.18	0.05	272.0
	90	0.13	0.04	272.0	95	0.26	0.11	418.0	96	0.09	0.02	272.0
	102	0.11	0.05	418.0	103	0.17	0.05	272.0	107	0.07	0.03	418.0
	108	0.18	0.05	272.0	111	0.25	0.10	418.0	112	0.20	0.05	272.0
	114	0.02	6.90e-03	323.0	115	0.16	0.05	323.0	116	0.46	0.19	418.0
	117	0.05	0.02	418.0	118	0.25	0.08	323.0	119	0.50	0.21	418.0
	120	0.31	0.08	272.0	121	0.18	0.05	272.0	122	0.21	0.07	323.0
	123	0.37	0.15	418.0	124	0.25	0.07	272.0	125	0.03	8.65e-03	272.0
	126	0.01	4.16e-03	323.0	127	0.03	0.01	418.0	128	0.02	6.20e-03	272.0
	144	0.16	0.05	323.0	145	0.47	0.20	418.0	146	0.17	0.05	272.0
	147	0.16	0.05	323.0	148	0.46	0.19	418.0	149	0.21	0.06	272.0
	160	0.51	0.21	418.0	161	0.54	0.23	418.0	162	0.49	0.20	418.0
	163	0.14	0.04	272.0	164	0.21	0.06	272.0	168	0.40	0.17	418.0
	169	0.13	0.03	272.0	175	0.28	0.12	418.0	176	0.09	0.02	272.0
	177	0.05	0.02	418.0	178	0.06	0.02	272.0	187	0.05	0.02	418.0

	188	0.17	0.05	272.0								
175	5	0.07	0.02	272.0	6	0.17	0.07	418.0	10	0.12	0.03	272.0
	42	0.08	0.03	323.0	43	0.05	0.02	323.0	44	0.08	0.03	323.0
	45	0.11	0.04	323.0	46	0.20	0.06	323.0	47	0.11	0.04	323.0
	48	0.19	0.06	323.0	49	0.18	0.06	323.0	50	0.20	0.07	323.0
	51	0.17	0.05	323.0	52	0.19	0.06	323.0	75	0.40	0.17	418.0
	76	0.41	0.17	418.0	77	0.40	0.17	418.0	78	0.37	0.16	418.0
	87	0.32	0.09	272.0	88	0.26	0.07	272.0	89	0.24	0.06	272.0
	90	0.14	0.04	272.0	95	0.31	0.13	418.0	96	0.13	0.04	272.0
	102	0.19	0.08	418.0	103	0.23	0.06	272.0	107	0.18	0.07	418.0
	108	0.26	0.07	272.0	111	0.24	0.10	418.0	112	0.31	0.08	272.0
	114	0.08	0.03	323.0	115	0.07	0.02	323.0	116	0.33	0.14	418.0
	117	0.12	0.05	418.0	118	0.25	0.08	323.0	119	0.36	0.15	418.0
	120	0.17	0.05	272.0	121	0.05	0.01	272.0	122	0.30	0.10	323.0
	123	0.38	0.16	418.0	124	0.19	0.05	272.0	125	0.04	9.78e-03	272.0
	126	0.07	0.02	323.0	127	0.09	0.04	418.0	128	0.02	6.18e-03	272.0
	144	0.08	0.02	323.0	145	0.36	0.15	418.0	146	0.05	0.01	272.0
	147	0.07	0.02	323.0	148	0.41	0.17	418.0	149	0.10	0.03	272.0
	160	0.45	0.19	418.0	161	0.40	0.17	418.0	162	0.37	0.15	418.0
	163	0.10	0.03	272.0	164	0.14	0.04	272.0	168	0.38	0.16	418.0
	169	0.17	0.05	272.0	175	0.27	0.11	418.0	176	0.15	0.04	272.0
	177	0.12	0.05	418.0	178	0.11	0.03	272.0	187	0.09	0.04	418.0
	188	0.31	0.08	272.0								
176	5	0.10	0.03	272.0	6	0.23	0.10	418.0	10	0.16	0.04	272.0
	42	0.12	0.04	323.0	43	0.04	0.01	323.0	44	0.06	0.02	323.0
	45	0.13	0.04	323.0	46	0.24	0.08	323.0	47	0.11	0.04	323.0
	48	0.24	0.08	323.0	49	0.22	0.07	323.0	50	0.26	0.08	323.0
	51	0.17	0.05	323.0	52	0.24	0.08	323.0	75	0.46	0.19	418.0
	76	0.47	0.20	418.0	77	0.44	0.18	418.0	78	0.41	0.17	418.0
	87	0.28	0.08	272.0	88	0.26	0.07	272.0	89	0.26	0.07	272.0
	90	0.16	0.04	272.0	95	0.33	0.14	418.0	96	0.13	0.03	272.0
	102	0.25	0.10	418.0	103	0.26	0.07	272.0	107	0.18	0.08	418.0
	108	0.27	0.07	272.0	111	0.27	0.11	418.0	112	0.28	0.08	272.0
	114	0.11	0.03	323.0	115	0.19	0.06	323.0	116	0.49	0.21	418.0
	117	0.14	0.06	418.0	118	0.28	0.09	323.0	119	0.52	0.22	418.0
	120	0.31	0.08	272.0	121	0.18	0.05	272.0	122	0.24	0.08	323.0
	123	0.39	0.16	418.0	124	0.25	0.07	272.0	125	0.03	8.85e-03	272.0
	126	0.10	0.03	323.0	127	0.14	0.06	418.0	128	0.03	8.33e-03	272.0
	144	0.20	0.06	323.0	145	0.53	0.22	418.0	146	0.19	0.05	272.0
	147	0.17	0.06	323.0	148	0.56	0.23	418.0	149	0.21	0.06	272.0
	160	0.55	0.23	418.0	161	0.56	0.23	418.0	162	0.49	0.20	418.0
	163	0.15	0.04	272.0	164	0.20	0.05	272.0	168	0.40	0.17	418.0
	169	0.13	0.04	272.0	175	0.26	0.11	418.0	176	0.10	0.03	272.0
	177	0.08	0.03	418.0	178	0.08	0.02	272.0	187	0.10	0.04	418.0
	188	0.27	0.07	272.0								

Cmb	**1000 etaT/h**
	0.77



31_RIS_SLE_168_Comb SLE SLD Danno sism 168

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	4	0.02	-0.01	-0.41	2.46e-05	5.58e-05	3.21e-05
1	116	0.05	-1.71e-03	-0.30	-7.70e-06	1.25e-04	1.64e-05
1	117	-0.03	-0.01	-0.32	4.50e-05	-6.01e-05	2.81e-05
1	137	-2.54e-03	-0.02	-0.32	3.48e-05	-2.25e-06	2.40e-05
1	148	0.04	-3.09e-03	-0.30	-1.81e-06	1.04e-04	1.77e-05
1	149	-0.02	-0.01	-0.31	3.89e-05	-3.91e-05	2.67e-05
1	169	5.75e-04	-0.01	-0.31	3.11e-05	5.62e-06	2.36e-05
2	1	0.02	-4.31e-03	-0.39	1.34e-05	3.82e-04	-8.17e-05
2	4	0.02	-4.28e-03	-0.41	9.78e-06	4.53e-04	-8.97e-05
2	116	0.05	4.22e-04	-0.29	6.23e-06	3.52e-04	-6.52e-05
2	137	-2.19e-03	-0.01	-0.30	2.19e-05	2.72e-04	-7.27e-05
2	148	0.04	-4.28e-04	-0.29	7.22e-06	3.39e-04	-6.47e-05
2	169	9.23e-04	-0.01	-0.30	1.93e-05	2.77e-04	-7.05e-05
3	1	4.85e-03	9.78e-03	-0.37	-1.69e-04	-2.39e-04	0.0
3	4	7.94e-03	7.96e-03	-0.42	-1.59e-04	-3.04e-04	8.40e-06
3	123	0.02	-4.62e-03	-0.29	-1.28e-04	-1.64e-04	8.97e-06
3	124	0.02	0.02	-0.29	-1.32e-04	-1.65e-04	6.80e-06
3	132	5.73e-03	0.05	-0.29	-1.37e-04	-1.83e-04	-1.60e-06
3	155	0.01	-1.87e-03	-0.29	-1.29e-04	-1.69e-04	6.78e-06
3	156	0.01	0.02	-0.29	-1.31e-04	-1.70e-04	5.10e-06
3	164	5.27e-03	0.04	-0.29	-1.35e-04	-1.84e-04	-1.39e-06
4	4	7.44e-03	-5.47e-04	-0.39	-3.41e-05	8.26e-05	3.26e-05
4	5	2.05e-03	1.44e-03	-0.25	-2.76e-05	2.50e-05	3.22e-05
4	123	0.02	-8.54e-03	-0.27	1.15e-06	4.16e-05	8.98e-06
4	128	0.02	8.71e-03	-0.27	-5.44e-05	3.89e-05	4.04e-05
4	132	5.43e-03	0.03	-0.27	-1.25e-04	3.53e-05	8.76e-05
4	155	0.01	-6.43e-03	-0.27	-5.25e-06	4.10e-05	1.36e-05
4	160	0.01	6.91e-03	-0.27	-4.82e-05	3.89e-05	3.80e-05
4	164	4.97e-03	0.02	-0.27	-1.03e-04	3.61e-05	7.45e-05
5	4	0.02	0.03	-0.40	-4.55e-04	-3.19e-04	2.50e-05
5	115	0.05	0.02	-0.30	-3.18e-04	-1.42e-04	4.06e-05
5	116	0.05	0.03	-0.30	-3.91e-04	-1.40e-04	1.48e-05
5	132	0.03	0.05	-0.29	-4.73e-04	-1.91e-04	-1.96e-05
5	147	0.04	0.02	-0.30	-3.25e-04	-1.59e-04	3.63e-05
5	148	0.04	0.03	-0.30	-3.82e-04	-1.57e-04	1.64e-05
5	164	0.02	0.04	-0.29	-4.45e-04	-1.97e-04	-1.03e-05
6	1	0.02	-4.47e-03	-0.35	3.83e-05	2.19e-04	1.36e-04
6	4	0.03	-4.41e-03	-0.37	3.73e-05	2.85e-04	1.48e-04
6	116	0.04	2.39e-04	-0.27	2.58e-05	2.54e-04	1.52e-04
6	137	3.71e-03	-0.01	-0.27	3.72e-05	1.37e-04	8.55e-05
6	148	0.04	-5.98e-04	-0.27	2.66e-05	2.35e-04	1.42e-04
6	169	6.32e-03	-0.01	-0.27	3.55e-05	1.44e-04	8.99e-05
7	1	0.02	4.55e-03	-0.37	-3.54e-05	-1.62e-06	-1.27e-05
7	4	0.03	4.01e-03	-0.41	-3.91e-05	3.31e-05	-1.91e-05
7	115	0.04	-4.20e-03	-0.29	2.26e-06	1.01e-05	-4.56e-05
7	116	0.04	0.01	-0.29	-5.93e-05	1.01e-05	-9.95e-06
7	132	0.03	0.03	-0.28	-1.30e-04	2.01e-06	4.42e-05
7	147	0.04	-2.45e-03	-0.29	-4.47e-06	7.47e-06	-3.75e-05
7	148	0.04	0.01	-0.28	-5.21e-05	7.50e-06	-9.92e-06

7	164	0.02	0.03	-0.28	-1.07e-04	1.20e-06	3.20e-05
8	1	0.02	9.61e-03	-0.37	-1.58e-04	1.79e-04	3.39e-05
8	4	0.03	7.89e-03	-0.42	-1.91e-04	2.10e-04	3.70e-05
8	116	0.05	0.02	-0.28	-1.39e-04	1.51e-04	5.52e-05
8	131	0.02	-0.03	-0.29	-8.19e-05	1.42e-04	4.31e-05
8	132	0.03	0.05	-0.28	-1.66e-04	1.43e-04	2.79e-05
8	148	0.04	0.02	-0.28	-1.35e-04	1.48e-04	4.86e-05
8	163	0.02	-0.02	-0.28	-9.13e-05	1.41e-04	3.92e-05
8	164	0.03	0.04	-0.28	-1.56e-04	1.42e-04	2.75e-05
9	4	0.03	0.03	-0.39	-4.54e-05	-3.85e-04	2.06e-06
9	115	0.04	0.02	-0.28	1.30e-05	-1.50e-04	1.71e-05
9	116	0.05	0.03	-0.28	-2.25e-05	-1.44e-04	2.11e-05
9	132	0.03	0.05	-0.28	-6.28e-05	-1.96e-04	9.15e-06
9	147	0.04	0.02	-0.28	9.32e-06	-1.69e-04	1.22e-05
9	148	0.04	0.03	-0.28	-1.81e-05	-1.64e-04	1.53e-05
9	164	0.03	0.04	-0.28	-4.93e-05	-2.04e-04	6.06e-06
10	1	0.09	-0.03	-0.38	8.59e-05	1.05e-04	-1.23e-04
10	4	0.11	-0.03	-0.40	8.66e-05	1.30e-04	-1.36e-04
10	120	0.15	-0.02	-0.29	6.30e-05	1.79e-04	-7.61e-05
10	137	0.04	-0.03	-0.29	7.34e-05	4.25e-05	-9.50e-05
10	152	0.13	-0.02	-0.29	6.37e-05	1.57e-04	-8.03e-05
10	169	0.05	-0.03	-0.29	7.18e-05	5.11e-05	-9.49e-05
11	1	3.69e-04	5.53e-04	-0.30	-1.05e-06	-1.19e-06	0.0
11	4	1.99e-04	6.22e-04	-0.32	-2.78e-06	1.88e-05	-1.16e-06
11	115	3.69e-03	-4.69e-04	-0.23	0.0	2.37e-06	0.0
11	116	3.80e-03	1.50e-03	-0.23	-4.66e-06	2.17e-06	-1.07e-06
11	140	1.43e-03	3.80e-03	-0.23	-9.01e-06	0.0	-3.10e-06
11	147	2.92e-03	-2.67e-04	-0.23	0.0	1.62e-06	0.0
11	148	3.00e-03	1.26e-03	-0.23	-3.77e-06	1.46e-06	-1.00e-06
11	172	1.17e-03	3.03e-03	-0.23	-7.14e-06	0.0	-2.57e-06
12	1	-6.33e-04	-5.10e-03	-0.33	1.10e-04	8.43e-05	5.06e-06
12	4	3.61e-03	-4.97e-03	-0.36	1.15e-04	1.11e-04	8.12e-06
12	113	-0.02	-7.62e-03	-0.26	8.22e-05	-3.15e-05	-3.51e-05
12	137	-7.25e-03	-0.01	-0.26	8.56e-05	2.59e-05	-1.51e-05
12	145	-0.01	-6.78e-03	-0.26	8.27e-05	-9.74e-06	-2.63e-05
12	169	-5.73e-03	-0.01	-0.26	8.52e-05	3.47e-05	-1.08e-05
13	4	0.04	-5.27e-03	-0.41	-4.47e-04	2.11e-04	6.97e-05
13	117	-5.58e-03	-9.50e-03	-0.32	-3.34e-04	2.10e-06	3.65e-05
13	120	0.06	2.02e-03	-0.30	-2.65e-04	2.50e-04	6.82e-05
13	137	0.01	-0.01	-0.31	-3.08e-04	7.62e-05	4.60e-05
13	149	1.80e-03	-8.20e-03	-0.31	-3.27e-04	3.01e-05	4.01e-05
13	152	0.05	7.13e-04	-0.30	-2.73e-04	2.22e-04	6.46e-05
13	169	0.02	-0.01	-0.31	-3.06e-04	8.74e-05	4.75e-05
14	1	7.26e-03	-5.16e-03	-0.33	4.43e-05	1.01e-05	-1.86e-05
14	4	0.01	-4.92e-03	-0.35	4.58e-05	3.96e-05	-1.95e-05
14	117	-4.83e-03	-7.79e-03	-0.25	4.00e-05	-3.72e-05	-4.19e-05
14	120	0.02	-2.06e-04	-0.25	2.82e-05	5.39e-05	1.38e-05
14	137	1.87e-03	-0.01	-0.25	4.51e-05	-1.02e-05	-3.00e-05
14	149	-2.48e-03	-6.93e-03	-0.25	3.86e-05	-2.69e-05	-3.56e-05
14	152	0.01	-1.06e-03	-0.25	2.95e-05	4.35e-05	7.51e-06
14	169	2.70e-03	-0.01	-0.25	4.26e-05	-5.97e-06	-2.64e-05
15	4	0.01	-0.01	-0.36	6.06e-05	3.02e-04	-8.08e-06
15	123	0.02	-7.93e-03	-0.27	4.65e-05	2.29e-04	0.0
15	128	0.02	-4.32e-03	-0.27	4.17e-05	2.29e-04	0.0
15	141	5.27e-03	-0.01	-0.26	5.09e-05	1.99e-04	-6.43e-06
15	155	0.02	-7.87e-03	-0.27	4.56e-05	2.24e-04	-1.34e-06
15	160	0.02	-5.08e-03	-0.27	4.19e-05	2.24e-04	0.0
15	173	5.93e-03	-0.01	-0.26	4.90e-05	2.01e-04	-5.95e-06
16	1	9.71e-03	9.63e-03	-0.34	2.69e-05	7.51e-05	1.32e-05
16	4	0.01	7.92e-03	-0.38	3.97e-05	9.85e-05	1.02e-05
16	115	0.02	-3.44e-03	-0.26	3.96e-05	7.26e-05	1.50e-05
16	120	0.02	0.02	-0.26	0.0	7.31e-05	2.94e-05
16	132	0.01	0.05	-0.26	-5.00e-05	6.25e-05	4.07e-05
16	147	0.01	-9.84e-04	-0.26	3.54e-05	6.90e-05	1.39e-05
16	152	0.01	0.02	-0.26	5.11e-06	6.95e-05	2.51e-05
16	164	9.90e-03	0.04	-0.26	-3.40e-05	6.13e-05	3.38e-05
17	4	0.02	-0.01	-0.37	-1.05e-04	5.58e-05	-7.03e-06
17	123	0.02	-9.16e-03	-0.28	-7.29e-05	8.71e-05	3.90e-05
17	128	0.02	-5.44e-03	-0.28	-7.91e-05	8.49e-05	4.71e-05
17	141	9.58e-03	-0.02	-0.27	-6.45e-05	1.40e-05	-3.03e-05
17	155	0.02	-9.08e-03	-0.28	-7.35e-05	7.38e-05	2.94e-05
17	160	0.02	-6.20e-03	-0.28	-7.82e-05	7.21e-05	3.57e-05
17	173	9.74e-03	-0.01	-0.27	-6.70e-05	1.72e-05	-2.42e-05
18	3	0.03	-9.66e-03	-0.34	5.54e-06	7.26e-05	5.08e-05
18	4	0.03	-9.66e-03	-0.34	5.33e-06	7.31e-05	5.08e-05
18	128	0.02	-4.00e-03	-0.25	0.0	5.98e-05	3.05e-05
18	137	0.01	-0.02	-0.24	1.73e-05	2.04e-05	3.20e-05

18	144	0.02	1.81e-03	-0.25	-7.33e-06	3.70e-05	4.02e-05
18	160	0.02	-4.77e-03	-0.25	0.0	5.27e-05	3.19e-05
18	169	0.01	-0.01	-0.24	1.45e-05	2.22e-05	3.30e-05
18	176	0.02	-2.79e-04	-0.25	-4.55e-06	3.50e-05	3.94e-05
19	3	0.01	1.17e-03	-0.29	1.69e-04	-1.08e-04	-2.78e-05
19	4	0.01	1.09e-03	-0.29	1.69e-04	-1.09e-04	-2.78e-05
19	9	9.37e-03	8.18e-04	-0.30	1.55e-04	-1.32e-04	-2.70e-05
19	123	0.02	6.04e-04	-0.21	1.28e-04	-6.49e-05	-2.56e-05
19	126	-6.35e-03	1.64e-03	-0.24	1.12e-04	-1.32e-04	-1.64e-05
19	144	9.98e-03	6.94e-03	-0.22	1.14e-04	-9.40e-05	-2.08e-05
19	155	0.02	6.55e-04	-0.21	1.26e-04	-7.24e-05	-2.45e-05
19	158	-3.31e-03	1.46e-03	-0.24	1.13e-04	-1.25e-04	-1.74e-05
19	176	9.32e-03	5.55e-03	-0.22	1.16e-04	-9.50e-05	-2.08e-05
20	1	0.02	9.66e-03	-0.35	-2.48e-05	9.95e-05	1.31e-05
20	4	0.03	7.92e-03	-0.40	-3.03e-05	1.22e-04	1.19e-05
20	124	0.03	0.02	-0.27	-3.76e-05	9.41e-05	1.16e-05
20	128	0.03	0.02	-0.27	-3.47e-05	9.41e-05	1.01e-05
20	132	0.02	0.05	-0.27	-8.45e-05	8.05e-05	3.33e-05
20	156	0.02	0.02	-0.27	-3.34e-05	8.98e-05	1.12e-05
20	160	0.02	0.02	-0.27	-3.11e-05	8.98e-05	1.01e-05
20	164	0.02	0.04	-0.27	-6.97e-05	7.92e-05	2.80e-05
21	4	1.54e-04	9.50e-04	-0.32	2.40e-05	1.99e-05	0.0
21	5	3.93e-04	6.36e-04	-0.22	1.71e-05	-1.17e-05	0.0
21	116	3.70e-03	1.73e-03	-0.23	1.46e-05	4.66e-06	0.0
21	117	-3.09e-03	-5.68e-04	-0.23	2.08e-05	-8.37e-06	0.0
21	142	-5.40e-04	4.84e-03	-0.23	1.32e-05	-2.96e-06	0.0
21	148	2.93e-03	1.49e-03	-0.23	1.53e-05	3.19e-06	0.0
21	149	-2.33e-03	-2.88e-04	-0.23	2.00e-05	-6.89e-06	0.0
21	174	-3.51e-04	3.90e-03	-0.23	1.42e-05	-2.70e-06	0.0
22	4	6.87e-03	-0.01	-0.37	-5.61e-05	2.77e-04	-1.48e-05
22	123	0.02	-0.01	-0.27	-4.41e-05	1.73e-04	-2.57e-05
22	137	9.37e-04	-0.02	-0.26	-3.52e-05	1.48e-04	-2.83e-05
22	144	6.09e-03	-4.01e-04	-0.27	-5.15e-05	1.53e-04	-5.38e-06
22	155	0.01	-9.75e-03	-0.27	-4.39e-05	1.68e-04	-2.35e-05
22	169	1.41e-03	-0.02	-0.26	-3.70e-05	1.48e-04	-2.55e-05
22	176	5.40e-03	-2.31e-03	-0.27	-4.96e-05	1.52e-04	-7.80e-06
23	4	-3.42e-03	0.02	-0.33	-1.84e-04	1.40e-04	1.02e-04
23	5	-9.52e-03	0.02	-0.24	-1.20e-04	5.44e-05	6.99e-05
23	125	-0.02	0.01	-0.24	-1.19e-04	2.45e-05	6.36e-05
23	140	-4.34e-03	0.02	-0.24	-1.41e-04	9.51e-05	7.97e-05
23	142	-8.86e-03	0.02	-0.24	-1.37e-04	6.71e-05	7.36e-05
23	157	-0.01	0.01	-0.24	-1.21e-04	3.57e-05	6.57e-05
23	172	-4.95e-03	0.02	-0.24	-1.38e-04	9.02e-05	7.82e-05
23	174	-8.44e-03	0.02	-0.24	-1.35e-04	6.86e-05	7.35e-05
24	4	1.88e-04	1.59e-04	-0.33	-3.05e-05	-6.00e-06	0.0
24	9	2.34e-04	8.62e-05	-0.30	-2.62e-05	-5.18e-06	-1.13e-06
24	115	3.60e-03	-7.21e-04	-0.23	-1.86e-05	-4.25e-06	0.0
24	116	3.70e-03	1.27e-03	-0.23	-2.13e-05	-4.69e-06	0.0
24	132	1.38e-03	3.44e-03	-0.23	-2.41e-05	-5.14e-06	0.0
24	147	2.82e-03	-5.45e-04	-0.23	-1.88e-05	-4.28e-06	0.0
24	148	2.90e-03	9.94e-04	-0.23	-2.09e-05	-4.62e-06	0.0
24	164	1.11e-03	2.67e-03	-0.23	-2.31e-05	-4.97e-06	0.0
25	4	2.54e-04	2.40e-03	-0.30	-1.19e-04	-9.82e-05	-8.50e-06
25	5	8.91e-04	2.10e-03	-0.23	-8.48e-05	-9.34e-05	-6.54e-06
25	9	8.03e-04	2.66e-03	-0.30	-1.15e-04	-1.11e-04	-8.50e-06
25	123	3.30e-03	1.99e-04	-0.22	-8.47e-05	-7.71e-05	-5.52e-06
25	126	-1.98e-03	4.14e-03	-0.23	-8.97e-05	-9.67e-05	-7.78e-06
25	138	-2.58e-04	6.25e-03	-0.23	-9.03e-05	-8.72e-05	-7.02e-06
25	155	2.70e-03	6.09e-04	-0.23	-8.53e-05	-7.94e-05	-5.75e-06
25	158	-1.39e-03	3.65e-03	-0.23	-8.92e-05	-9.45e-05	-7.50e-06
25	170	-5.50e-05	5.29e-03	-0.23	-8.96e-05	-8.72e-05	-6.91e-06
26	4	-2.58e-04	1.10e-04	-0.30	3.62e-05	6.41e-06	-1.45e-06
26	5	4.07e-04	-4.80e-05	-0.21	2.47e-05	-2.13e-05	-1.63e-06
26	123	2.91e-03	-1.12e-03	-0.22	2.44e-05	-7.29e-06	0.0
26	142	-7.33e-04	4.13e-03	-0.22	2.31e-05	-1.34e-05	-1.55e-06
26	144	8.63e-04	4.09e-03	-0.22	2.17e-05	-1.07e-05	-1.00e-06
26	155	2.29e-03	-8.63e-04	-0.22	2.47e-05	-8.31e-06	0.0
26	174	-5.24e-04	3.20e-03	-0.22	2.37e-05	-1.30e-05	-1.52e-06
26	176	7.10e-04	3.16e-03	-0.22	2.26e-05	-1.09e-05	-1.10e-06
27	3	0.14	-0.04	-0.42	7.22e-05	1.36e-04	-4.73e-05
27	4	0.15	-0.04	-0.43	7.24e-05	1.36e-04	-4.73e-05
27	119	0.20	-0.03	-0.33	5.61e-05	1.83e-04	-2.98e-05
27	120	0.20	-0.03	-0.33	5.08e-05	1.90e-04	-3.48e-05
27	137	0.05	-0.05	-0.30	6.43e-05	4.61e-05	-2.45e-05
27	151	0.17	-0.03	-0.32	5.58e-05	1.62e-04	-3.05e-05
27	152	0.18	-0.03	-0.32	5.18e-05	1.67e-04	-3.43e-05
27	169	0.06	-0.05	-0.30	6.22e-05	5.54e-05	-2.63e-05

28	1	0.03	9.90e-03	-0.47	-5.72e-06	-1.06e-04	-3.26e-05
28	4	0.03	8.03e-03	-0.50	4.46e-05	-7.64e-05	-3.33e-05
28	124	0.02	0.02	-0.36	-3.68e-05	1.04e-06	-1.49e-05
28	132	0.02	0.05	-0.36	-1.18e-04	-8.47e-05	-1.97e-05
28	136	0.02	0.05	-0.36	-1.17e-04	-7.75e-05	-1.90e-05
28	156	0.02	0.02	-0.36	-2.92e-05	-1.75e-05	-1.72e-05
28	164	0.02	0.04	-0.36	-9.21e-05	-8.38e-05	-2.09e-05
28	168	0.02	0.04	-0.36	-9.14e-05	-7.82e-05	-2.04e-05
29	1	0.06	0.04	-0.55	-4.05e-04	4.61e-04	2.45e-05
29	4	0.06	0.04	-0.59	-4.30e-04	5.05e-04	2.59e-05
29	124	0.05	0.04	-0.43	-3.71e-04	4.13e-04	5.72e-05
29	132	0.05	0.05	-0.44	-4.83e-04	3.60e-04	9.80e-06
29	136	0.05	0.05	-0.44	-4.83e-04	3.65e-04	1.24e-05
29	156	0.05	0.04	-0.43	-3.57e-04	4.00e-04	4.85e-05
29	164	0.05	0.04	-0.43	-4.45e-04	3.59e-04	1.19e-05
29	168	0.05	0.04	-0.43	-4.44e-04	3.62e-04	1.38e-05
30	1	-0.02	-7.37e-03	-0.38	1.61e-04	8.86e-06	-7.35e-05
30	4	-0.02	-7.01e-03	-0.39	1.73e-04	4.11e-05	-6.90e-05
30	9	-0.02	-7.55e-03	-0.38	1.61e-04	6.15e-06	-7.36e-05
30	125	-0.03	-7.73e-03	-0.30	1.27e-04	-4.52e-05	-5.48e-05
30	126	-0.03	-3.98e-03	-0.30	1.23e-04	-4.65e-05	-5.22e-05
30	139	-0.01	-0.01	-0.29	1.31e-04	2.49e-05	-6.01e-05
30	157	-0.02	-7.25e-03	-0.30	1.26e-04	-3.30e-05	-5.51e-05
30	158	-0.02	-4.34e-03	-0.30	1.23e-04	-3.39e-05	-5.31e-05
30	171	-0.01	-0.01	-0.29	1.29e-04	2.13e-05	-5.93e-05
31	4	0.01	-0.01	-0.35	4.78e-05	9.53e-05	4.65e-05
31	128	0.02	-5.04e-03	-0.25	2.94e-05	1.06e-04	2.90e-05
31	137	3.89e-03	-0.02	-0.25	4.60e-05	4.05e-05	2.71e-05
31	144	9.60e-03	6.44e-04	-0.26	2.39e-05	6.91e-05	3.23e-05
31	160	0.01	-5.80e-03	-0.25	3.07e-05	9.41e-05	2.93e-05
31	169	4.49e-03	-0.02	-0.25	4.35e-05	4.35e-05	2.78e-05
31	176	8.92e-03	-1.40e-03	-0.26	2.64e-05	6.56e-05	3.18e-05
32	1	0.08	-0.01	-0.34	2.46e-05	5.21e-04	5.01e-06
32	4	0.11	-0.01	-0.37	2.40e-05	6.69e-04	-2.49e-06
32	117	2.36e-03	-0.02	-0.26	2.33e-05	3.21e-04	-5.25e-05
32	120	0.12	-5.86e-03	-0.26	1.48e-05	4.89e-04	6.03e-05
32	137	0.04	-0.02	-0.26	2.73e-05	3.72e-04	-3.58e-05
32	149	0.02	-0.02	-0.26	2.23e-05	3.40e-04	-3.97e-05
32	152	0.11	-7.15e-03	-0.26	1.57e-05	4.70e-04	4.76e-05
32	169	0.04	-0.02	-0.26	2.54e-05	3.79e-04	-2.68e-05
33	1	0.08	0.02	-0.39	4.30e-05	-4.98e-04	0.0
33	4	0.11	0.02	-0.44	5.97e-05	-6.34e-04	-9.93e-06
33	115	0.12	-0.02	-0.30	4.64e-05	-3.67e-04	1.04e-05
33	120	0.12	0.05	-0.30	1.86e-05	-3.66e-04	4.79e-05
33	132	0.09	0.14	-0.30	-1.75e-05	-3.83e-04	7.68e-05
33	147	0.11	-0.01	-0.30	4.34e-05	-3.73e-04	8.25e-06
33	152	0.11	0.04	-0.30	2.20e-05	-3.72e-04	3.73e-05
33	164	0.08	0.11	-0.30	-6.01e-06	-3.85e-04	5.96e-05
34	1	0.08	-8.89e-03	-0.34	6.81e-06	5.55e-04	1.01e-05
34	4	0.11	-8.20e-03	-0.36	5.95e-06	7.13e-04	1.40e-05
34	123	0.10	-8.45e-03	-0.26	6.38e-06	4.86e-04	9.39e-06
34	137	0.05	-0.02	-0.26	1.74e-05	4.16e-04	-1.91e-05
34	144	0.07	6.24e-03	-0.26	-6.54e-06	4.48e-04	3.21e-05
34	155	0.09	-8.11e-03	-0.26	6.16e-06	4.74e-04	9.18e-06
34	169	0.05	-0.02	-0.26	1.47e-05	4.19e-04	-1.29e-05
34	176	0.07	3.25e-03	-0.26	-3.83e-06	4.44e-04	2.67e-05
35	1	0.08	0.02	-0.39	-2.82e-05	-5.09e-04	5.77e-05
35	4	0.11	0.02	-0.45	-3.40e-05	-6.47e-04	6.13e-05
35	123	0.11	-0.02	-0.30	-4.94e-06	-3.80e-04	3.96e-05
35	124	0.11	0.05	-0.30	-3.60e-05	-3.80e-04	7.79e-05
35	132	0.08	0.14	-0.30	-7.36e-05	-3.95e-04	1.15e-04
35	155	0.10	-0.01	-0.30	-8.75e-06	-3.84e-04	4.07e-05
35	156	0.10	0.04	-0.30	-3.28e-05	-3.85e-04	7.03e-05
35	164	0.07	0.11	-0.30	-6.19e-05	-3.97e-04	9.93e-05
36	3	0.06	-0.03	-0.43	8.29e-05	3.59e-04	-1.75e-04
36	4	0.06	-0.03	-0.43	8.31e-05	3.60e-04	-1.75e-04
36	116	0.12	-0.02	-0.31	5.52e-05	2.90e-04	-1.21e-04
36	137	2.03e-03	-0.04	-0.32	7.92e-05	2.18e-04	-1.64e-04
36	148	0.10	-0.02	-0.31	5.68e-05	2.78e-04	-1.21e-04
36	169	9.28e-03	-0.04	-0.32	7.53e-05	2.23e-04	-1.55e-04
37	4	0.06	-4.79e-03	-0.42	1.87e-06	8.64e-05	-1.90e-05
37	9	0.04	-5.53e-03	-0.41	3.86e-06	5.86e-05	-2.02e-05
37	116	0.12	0.01	-0.30	-1.69e-05	1.03e-04	-3.72e-05
37	117	-0.05	-0.02	-0.32	2.25e-05	-1.51e-05	3.91e-06
37	148	0.10	9.31e-03	-0.31	-1.25e-05	8.99e-05	-3.25e-05
37	149	-0.03	-0.02	-0.32	1.80e-05	-1.63e-06	0.0
38	3	-1.18e-03	5.60e-04	-0.42	-3.98e-05	2.47e-04	2.92e-06

38	4	-1.17e-03	5.66e-04	-0.42	-3.92e-05	2.47e-04	2.94e-06
38	122	-3.51e-03	1.64e-03	-0.30	-3.73e-05	1.76e-04	2.44e-06
38	132	-3.47e-04	5.42e-03	-0.30	-4.16e-05	1.90e-04	2.65e-06
38	136	-1.94e-04	5.34e-03	-0.30	-4.17e-05	1.90e-04	2.36e-06
38	154	-2.91e-03	1.34e-03	-0.30	-3.70e-05	1.78e-04	2.34e-06
38	164	-4.61e-04	4.26e-03	-0.30	-4.04e-05	1.89e-04	2.51e-06
38	168	-3.42e-04	4.20e-03	-0.30	-4.05e-05	1.89e-04	2.28e-06
39	4	0.03	-0.03	-0.34	1.11e-04	1.45e-04	-1.80e-04
39	11	0.03	-0.03	-0.35	1.07e-04	1.44e-04	-1.89e-04
39	123	0.04	-0.02	-0.25	8.44e-05	7.38e-05	-9.02e-05
39	126	-6.85e-03	-0.02	-0.28	7.94e-05	1.43e-04	-2.20e-04
39	141	0.01	-0.03	-0.26	8.96e-05	1.15e-04	-1.73e-04
39	155	0.03	-0.02	-0.25	8.39e-05	8.18e-05	-1.05e-04
39	158	-1.80e-03	-0.02	-0.27	8.00e-05	1.36e-04	-2.06e-04
39	173	0.01	-0.03	-0.26	8.79e-05	1.14e-04	-1.69e-04
40	4	-2.48e-04	1.87e-04	-0.34	-1.50e-05	1.28e-04	1.90e-06
40	5	3.44e-04	2.30e-05	-0.22	-3.72e-06	6.62e-05	0.0
40	123	2.83e-03	-8.62e-04	-0.24	-5.78e-06	7.91e-05	1.95e-06
40	124	2.72e-03	1.12e-03	-0.24	-6.69e-06	7.88e-05	2.28e-06
40	132	7.10e-04	3.44e-03	-0.23	-7.87e-06	7.78e-05	2.11e-06
40	155	2.22e-03	-6.51e-04	-0.24	-5.96e-06	7.88e-05	1.73e-06
40	156	2.14e-03	8.85e-04	-0.24	-6.66e-06	7.86e-05	1.98e-06
40	164	5.83e-04	2.68e-03	-0.23	-7.57e-06	7.78e-05	1.86e-06
41	4	0.06	0.07	-0.43	-4.20e-04	-3.12e-04	-2.52e-05
41	9	0.05	0.07	-0.41	-4.21e-04	-2.69e-04	-1.23e-05
41	115	0.12	0.02	-0.32	-2.92e-04	-1.56e-04	2.62e-05
41	116	0.12	0.10	-0.31	-3.63e-04	-1.56e-04	-8.08e-06
41	132	0.07	0.18	-0.31	-4.43e-04	-1.94e-04	-6.07e-05
41	147	0.10	0.03	-0.31	-2.99e-04	-1.68e-04	1.82e-05
41	148	0.10	0.09	-0.31	-3.54e-04	-1.68e-04	-8.28e-06
41	164	0.06	0.15	-0.31	-4.16e-04	-1.97e-04	-4.90e-05
42	4	0.10	0.07	-0.43	3.73e-05	-3.36e-04	5.61e-06
42	9	0.08	0.07	-0.40	6.98e-05	-2.50e-04	-2.72e-06
42	115	0.14	0.02	-0.31	7.01e-05	-1.11e-04	-4.44e-05
42	116	0.15	0.10	-0.31	2.85e-05	-1.04e-04	-3.40e-05
42	132	0.10	0.18	-0.31	-1.85e-05	-1.61e-04	3.52e-06
42	147	0.12	0.03	-0.31	6.59e-05	-1.31e-04	-3.50e-05
42	148	0.13	0.09	-0.31	3.37e-05	-1.26e-04	-2.69e-05
42	164	0.09	0.15	-0.31	-2.65e-06	-1.69e-04	2.06e-06
43	1	4.46e-04	-2.73e-04	-0.28	4.46e-05	2.43e-05	0.0
43	4	-1.20e-04	-1.61e-04	-0.30	4.93e-05	4.84e-05	0.0
43	5	5.84e-04	-2.65e-04	-0.21	3.23e-05	7.71e-06	0.0
43	123	2.98e-03	-1.33e-03	-0.22	3.26e-05	2.43e-05	0.0
43	143	1.29e-03	-4.33e-03	-0.21	3.64e-05	1.98e-05	0.0
43	144	9.24e-04	3.86e-03	-0.22	3.08e-05	2.08e-05	0.0
43	155	2.39e-03	-1.08e-03	-0.22	3.30e-05	2.30e-05	0.0
43	175	1.07e-03	-3.40e-03	-0.21	3.59e-05	1.95e-05	0.0
43	176	7.91e-04	2.94e-03	-0.22	3.16e-05	2.03e-05	0.0
44	1	-7.45e-04	-5.52e-04	-0.27	2.53e-06	2.29e-05	5.55e-06
44	4	-1.30e-03	-3.90e-04	-0.29	1.01e-05	5.36e-05	5.32e-06
44	122	-3.11e-03	6.75e-04	-0.21	4.89e-06	1.62e-05	4.56e-06
44	143	3.47e-04	-4.52e-03	-0.21	2.88e-06	2.06e-05	4.80e-06
44	144	-5.80e-05	3.63e-03	-0.21	-1.14e-06	1.49e-05	3.55e-06
44	154	-2.54e-03	4.25e-04	-0.21	4.22e-06	1.65e-05	4.49e-06
44	175	1.38e-04	-3.60e-03	-0.21	2.66e-06	1.99e-05	4.68e-06
44	176	-1.76e-04	2.71e-03	-0.21	0.0	1.55e-05	3.71e-06
45	4	-1.28e-03	1.45e-04	-0.32	9.21e-06	6.11e-05	0.0
45	122	-3.10e-03	9.46e-04	-0.22	-4.56e-06	2.97e-05	-1.24e-06
45	128	1.76e-03	9.78e-04	-0.22	-6.68e-06	2.92e-05	0.0
45	140	-2.02e-04	3.26e-03	-0.22	-7.97e-06	2.78e-05	-2.68e-06
45	154	-2.53e-03	7.32e-04	-0.22	-4.58e-06	2.97e-05	-1.13e-06
45	160	1.23e-03	7.56e-04	-0.22	-6.22e-06	2.94e-05	0.0
45	172	-2.88e-04	2.52e-03	-0.22	-7.22e-06	2.83e-05	-2.24e-06
46	4	0.06	0.07	-0.62	3.64e-04	-4.78e-04	7.24e-05
46	9	0.04	0.07	-0.58	3.03e-04	-4.96e-04	7.05e-05
46	123	0.07	0.02	-0.44	2.62e-04	-3.36e-04	1.85e-04
46	132	0.03	0.19	-0.45	1.26e-04	-3.79e-04	8.53e-05
46	136	0.04	0.19	-0.45	1.27e-04	-3.76e-04	9.17e-05
46	155	0.06	0.03	-0.44	2.56e-04	-3.46e-04	1.55e-04
46	164	0.03	0.16	-0.45	1.51e-04	-3.80e-04	7.82e-05
46	168	0.04	0.16	-0.45	1.51e-04	-3.77e-04	8.32e-05
47	1	0.04	0.02	-0.50	4.16e-05	2.51e-04	2.97e-05
47	4	0.05	0.02	-0.53	1.06e-04	2.38e-04	3.46e-05
47	123	0.07	-0.02	-0.38	6.17e-05	2.12e-04	-7.01e-06
47	132	0.03	0.14	-0.39	-5.46e-05	1.96e-04	6.19e-05
47	136	0.03	0.14	-0.39	-5.37e-05	1.97e-04	6.11e-05
47	155	0.06	-0.01	-0.38	5.53e-05	2.08e-04	0.0

47	164	0.03	0.11	-0.39	-3.46e-05	1.95e-04	5.30e-05
47	168	0.03	0.11	-0.39	-3.40e-05	1.96e-04	5.24e-05
48	3	0.15	-0.04	-0.42	3.46e-05	1.29e-04	-3.39e-05
48	4	0.15	-0.04	-0.42	3.44e-05	1.30e-04	-3.38e-05
48	119	0.20	-0.03	-0.32	2.84e-05	1.78e-04	-2.02e-05
48	120	0.21	-0.03	-0.32	2.34e-05	1.83e-04	-2.57e-05
48	137	0.06	-0.05	-0.29	3.59e-05	4.42e-05	-1.37e-05
48	151	0.18	-0.03	-0.32	2.82e-05	1.56e-04	-2.08e-05
48	152	0.18	-0.03	-0.31	2.43e-05	1.60e-04	-2.50e-05
48	169	0.07	-0.05	-0.30	3.40e-05	5.27e-05	-1.57e-05
49	1	0.04	-3.27e-03	-0.36	-2.33e-05	3.85e-04	0.0
49	4	0.05	-2.27e-03	-0.38	-2.91e-05	4.38e-04	-4.47e-06
49	123	0.07	-4.65e-03	-0.28	-1.36e-05	3.29e-04	-8.31e-05
49	128	0.06	3.04e-03	-0.29	-2.37e-05	3.23e-04	-3.96e-05
49	137	0.03	-0.02	-0.27	0.0	3.01e-04	-5.61e-05
49	155	0.06	-4.19e-03	-0.28	-1.45e-05	3.22e-04	-6.42e-05
49	160	0.05	1.76e-03	-0.29	-2.24e-05	3.17e-04	-3.06e-05
49	169	0.03	-0.01	-0.27	-3.45e-06	3.00e-04	-4.34e-05
50	1	0.03	-4.06e-03	-0.36	-3.20e-06	7.58e-05	2.73e-05
50	4	0.05	-3.11e-03	-0.38	2.18e-06	1.03e-04	3.29e-05
50	123	0.05	-5.05e-03	-0.28	-8.75e-06	8.71e-05	-7.26e-06
50	128	0.05	2.47e-03	-0.28	-1.31e-05	8.57e-05	3.36e-06
50	137	0.02	-0.02	-0.27	7.48e-06	5.54e-05	9.20e-06
50	155	0.05	-4.64e-03	-0.28	-7.36e-06	8.07e-05	0.0
50	160	0.05	1.18e-03	-0.28	-1.07e-05	7.96e-05	7.37e-06
50	169	0.02	-0.01	-0.28	5.19e-06	5.62e-05	1.19e-05
51	3	0.05	-0.05	-0.31	1.45e-04	1.03e-04	3.41e-05
51	4	0.05	-0.05	-0.31	1.45e-04	1.04e-04	3.40e-05
51	9	0.04	-0.05	-0.31	1.30e-04	7.62e-05	1.84e-05
51	123	0.05	-0.04	-0.22	1.07e-04	8.92e-05	4.83e-05
51	126	1.19e-03	-0.03	-0.25	9.44e-05	2.74e-05	-1.84e-05
51	139	0.04	-0.05	-0.23	1.08e-04	6.79e-05	2.49e-05
51	155	0.05	-0.04	-0.23	1.05e-04	8.22e-05	4.08e-05
51	158	7.26e-03	-0.03	-0.25	9.59e-05	3.44e-05	-1.08e-05
51	171	0.03	-0.05	-0.23	1.06e-04	6.58e-05	2.26e-05
52	3	0.06	-0.05	-0.40	-3.02e-04	7.17e-05	7.27e-05
52	4	0.06	-0.05	-0.40	-2.98e-04	7.18e-05	6.93e-05
52	125	-0.02	-0.04	-0.31	-1.37e-04	-3.78e-05	-9.10e-06
52	128	0.07	-0.03	-0.30	-2.50e-04	8.74e-05	7.21e-05
52	137	0.01	-0.05	-0.31	-1.73e-04	9.01e-06	7.52e-06
52	157	-7.87e-03	-0.04	-0.31	-1.50e-04	-2.37e-05	0.0
52	160	0.06	-0.03	-0.30	-2.38e-04	7.32e-05	6.29e-05
52	169	0.02	-0.05	-0.30	-1.77e-04	1.26e-05	1.29e-05
53	3	0.18	0.02	-0.42	-6.50e-04	5.13e-05	-4.64e-04
53	4	0.18	0.02	-0.42	-6.49e-04	5.16e-05	-4.63e-04
53	117	0.03	-4.58e-03	-0.32	-3.60e-04	-8.71e-05	-3.12e-04
53	120	0.20	0.03	-0.31	-4.96e-04	1.23e-04	-2.84e-04
53	149	0.05	-5.73e-04	-0.32	-3.76e-04	-6.33e-05	-3.09e-04
53	152	0.18	0.03	-0.31	-4.80e-04	9.90e-05	-2.87e-04
54	1	0.02	2.34e-03	-0.29	-1.35e-05	2.57e-05	1.81e-05
54	4	0.03	2.26e-03	-0.32	-1.42e-05	5.52e-05	1.48e-05
54	128	0.03	7.53e-03	-0.23	-2.64e-05	1.40e-05	2.63e-05
54	132	0.02	0.02	-0.23	-6.92e-05	1.76e-05	6.05e-05
54	160	0.02	6.23e-03	-0.23	-2.28e-05	1.53e-05	2.35e-05
54	164	0.02	0.02	-0.22	-5.59e-05	1.81e-05	4.99e-05
55	1	0.08	0.02	-0.43	-9.61e-05	1.03e-04	2.54e-05
55	4	0.10	0.02	-0.49	-1.20e-04	1.20e-04	1.39e-05
55	116	0.15	0.06	-0.33	-9.31e-05	9.58e-05	7.55e-05
55	131	0.08	-0.11	-0.33	-3.79e-05	8.43e-05	2.47e-05
55	132	0.10	0.14	-0.33	-1.19e-04	8.60e-05	4.59e-05
55	148	0.13	0.05	-0.33	-8.95e-05	9.24e-05	6.28e-05
55	163	0.07	-0.08	-0.33	-4.68e-05	8.35e-05	2.35e-05
55	164	0.09	0.11	-0.33	-1.09e-04	8.48e-05	3.99e-05
56	4	0.10	-1.06e-03	-0.47	1.45e-05	1.56e-04	4.47e-05
56	5	0.05	1.92e-03	-0.29	7.15e-06	5.35e-05	4.15e-05
56	115	0.14	-0.02	-0.32	3.27e-05	9.22e-05	-3.33e-05
56	116	0.15	0.02	-0.32	-1.11e-05	9.17e-05	7.79e-05
56	134	0.05	0.08	-0.31	-6.56e-05	7.35e-05	2.29e-04
56	147	0.12	-0.02	-0.32	2.72e-05	8.89e-05	-1.70e-05
56	148	0.13	0.02	-0.32	-6.62e-06	8.86e-05	6.91e-05
56	166	0.05	0.06	-0.31	-4.88e-05	7.45e-05	1.86e-04
57	1	0.07	-7.21e-03	-0.34	0.0	2.49e-04	8.12e-05
57	4	0.09	-6.40e-03	-0.36	0.0	3.36e-04	1.01e-04
57	123	0.09	-7.16e-03	-0.26	0.0	2.64e-04	8.88e-05
57	137	0.04	-0.02	-0.26	0.0	1.77e-04	4.90e-05
57	144	0.06	7.57e-03	-0.26	0.0	2.15e-04	7.33e-05
57	155	0.08	-6.82e-03	-0.26	0.0	2.48e-04	8.29e-05

57	169	0.04	-0.02	-0.26	0.0	1.81e-04	5.21e-05
57	176	0.06	4.57e-03	-0.26	0.0	2.11e-04	7.08e-05
58	1	0.03	-4.71e-03	-0.35	-3.91e-05	2.79e-04	1.01e-04
58	4	0.05	-3.75e-03	-0.38	-2.78e-05	3.65e-04	1.22e-04
58	123	0.06	-5.31e-03	-0.27	-3.62e-05	2.66e-04	9.95e-05
58	137	0.02	-0.02	-0.26	-2.85e-05	2.09e-04	5.14e-05
58	144	0.03	9.89e-03	-0.27	-3.25e-05	2.24e-04	1.02e-04
58	155	0.05	-4.95e-03	-0.27	-3.49e-05	2.54e-04	9.43e-05
58	169	0.02	-0.01	-0.27	-2.89e-05	2.11e-04	5.71e-05
58	176	0.03	6.80e-03	-0.27	-3.20e-05	2.22e-04	9.59e-05
59	1	0.07	-0.02	-0.35	0.0	2.16e-04	1.99e-05
59	4	0.09	-0.02	-0.37	0.0	2.85e-04	6.91e-06
59	116	0.12	-7.79e-03	-0.27	0.0	2.88e-04	9.13e-05
59	117	-0.01	-0.02	-0.27	0.0	4.84e-05	-6.04e-05
59	137	0.03	-0.03	-0.27	0.0	1.20e-04	-1.59e-05
59	148	0.11	-8.97e-03	-0.27	0.0	2.61e-04	7.41e-05
59	149	1.61e-03	-0.02	-0.27	0.0	7.55e-05	-4.32e-05
59	169	0.03	-0.02	-0.27	0.0	1.31e-04	-8.84e-06
60	1	0.10	-0.03	-0.37	5.16e-05	9.78e-05	3.23e-05
60	4	0.12	-0.03	-0.39	4.91e-05	1.22e-04	2.84e-05
60	120	0.15	-0.01	-0.28	3.74e-05	1.74e-04	2.70e-06
60	137	0.04	-0.03	-0.28	4.69e-05	3.79e-05	4.19e-05
60	152	0.14	-0.02	-0.28	3.80e-05	1.52e-04	7.65e-06
60	169	0.05	-0.03	-0.28	4.53e-05	4.64e-05	3.80e-05
61	1	0.08	-0.02	-0.36	8.66e-06	6.18e-05	6.25e-05
61	4	0.10	-0.02	-0.38	7.28e-06	1.03e-04	5.41e-05
61	116	0.15	-0.01	-0.27	1.73e-06	1.34e-04	7.65e-05
61	137	0.03	-0.03	-0.28	1.57e-05	1.02e-05	2.25e-05
61	148	0.13	-0.01	-0.27	2.89e-06	1.15e-04	6.99e-05
61	169	0.03	-0.03	-0.28	1.37e-05	1.87e-05	2.82e-05
62	5	-2.57e-03	-1.55e-03	-0.25	1.17e-04	-2.63e-05	-4.39e-05
62	9	-1.43e-03	-2.26e-03	-0.34	1.57e-04	-2.39e-05	-5.52e-05
62	11	5.89e-04	-2.09e-03	-0.34	1.66e-04	-3.90e-06	-5.29e-05
62	122	-0.01	-8.95e-04	-0.27	1.17e-04	-6.27e-05	-3.48e-05
62	126	-0.01	-3.20e-04	-0.27	1.17e-04	-6.29e-05	-3.48e-05
62	141	-4.14e-03	-7.69e-03	-0.26	1.28e-04	-2.54e-05	-4.34e-05
62	154	-0.01	-1.04e-03	-0.26	1.18e-04	-5.20e-05	-3.65e-05
62	158	-0.01	-5.95e-04	-0.26	1.18e-04	-5.21e-05	-3.66e-05
62	173	-3.49e-03	-6.30e-03	-0.26	1.27e-04	-2.31e-05	-4.32e-05
63	3	0.05	-0.05	-0.35	1.02e-04	1.45e-04	-4.36e-06
63	11	0.05	-0.05	-0.35	1.21e-04	1.39e-04	-1.33e-05
63	123	0.06	-0.04	-0.26	8.10e-05	1.39e-04	1.16e-05
63	126	-8.36e-03	-0.04	-0.28	9.42e-05	2.86e-05	-4.56e-05
63	141	0.02	-0.05	-0.27	9.81e-05	6.97e-05	-3.00e-05
63	155	0.05	-0.04	-0.26	8.25e-05	1.26e-04	5.04e-06
63	158	-4.03e-04	-0.04	-0.28	9.28e-05	4.11e-05	-3.92e-05
63	173	0.02	-0.05	-0.27	9.58e-05	7.28e-05	-2.71e-05
64	1	0.04	0.02	-0.42	-1.48e-04	-1.84e-04	5.59e-05
64	4	0.06	0.02	-0.48	-1.33e-04	-2.56e-04	7.43e-05
64	123	0.06	-0.02	-0.33	-1.11e-04	-1.21e-04	5.37e-05
64	124	0.06	0.05	-0.33	-1.17e-04	-1.23e-04	5.60e-05
64	132	0.03	0.14	-0.33	-1.24e-04	-1.42e-04	5.26e-05
64	155	0.05	-0.01	-0.33	-1.12e-04	-1.27e-04	5.12e-05
64	156	0.05	0.04	-0.33	-1.16e-04	-1.28e-04	5.29e-05
64	164	0.03	0.11	-0.33	-1.22e-04	-1.43e-04	5.03e-05
65	1	0.04	8.25e-03	-0.39	-3.01e-05	1.32e-04	8.32e-06
65	4	0.05	6.16e-03	-0.44	-2.34e-05	1.82e-04	-1.23e-05
65	123	0.06	-0.02	-0.30	-4.88e-06	1.06e-04	-6.40e-05
65	128	0.06	0.03	-0.30	-4.39e-05	1.03e-04	3.72e-05
65	132	0.03	0.09	-0.30	-9.39e-05	9.76e-05	1.90e-04
65	155	0.05	-0.01	-0.30	-9.14e-06	1.05e-04	-4.80e-05
65	160	0.05	0.02	-0.30	-3.93e-05	1.03e-04	3.03e-05
65	164	0.03	0.07	-0.30	-7.80e-05	9.85e-05	1.48e-04
66	4	0.04	-7.91e-03	-0.42	4.27e-05	1.83e-04	-7.70e-05
66	116	0.06	3.37e-05	-0.30	1.18e-05	2.38e-04	-5.16e-05
66	117	-0.01	-0.01	-0.32	3.58e-05	-1.08e-05	-6.34e-05
66	137	8.84e-03	-0.01	-0.32	2.91e-05	6.21e-05	-5.75e-05
66	148	0.05	-1.26e-03	-0.31	1.45e-05	2.10e-04	-5.30e-05
66	149	-3.92e-03	-0.01	-0.32	3.31e-05	1.74e-05	-6.21e-05
66	169	0.01	-0.01	-0.31	2.79e-05	7.38e-05	-5.75e-05
67	3	0.10	4.42e-03	-0.42	-2.44e-05	1.35e-04	-2.13e-04
67	4	0.10	4.35e-03	-0.42	-2.42e-05	1.36e-04	-2.12e-04
67	116	0.15	0.02	-0.31	-3.02e-05	1.34e-04	-1.50e-04
67	117	-0.03	-0.02	-0.32	6.59e-06	-3.36e-06	-1.28e-04
67	120	0.15	0.02	-0.31	-3.07e-05	1.34e-04	-1.51e-04
67	148	0.13	0.02	-0.31	-2.61e-05	1.19e-04	-1.48e-04
67	149	-5.97e-03	-0.01	-0.32	2.36e-06	1.22e-05	-1.31e-04

67	152	0.13	0.02	-0.31	-2.65e-05	1.19e-04	-1.48e-04
68	1	0.14	-0.02	-0.35	3.50e-05	7.63e-04	-4.41e-05
68	4	0.18	-0.02	-0.37	3.53e-05	8.10e-04	-7.22e-05
68	117	0.03	-0.02	-0.27	3.09e-05	5.31e-04	-9.61e-05
68	120	0.19	-9.85e-03	-0.27	2.27e-05	5.97e-04	2.73e-05
68	137	0.08	-0.03	-0.27	3.65e-05	5.52e-04	-1.03e-04
68	149	0.05	-0.02	-0.27	2.99e-05	5.38e-04	-8.21e-05
68	152	0.17	-0.01	-0.27	2.36e-05	5.90e-04	1.33e-05
68	169	0.08	-0.03	-0.27	3.43e-05	5.55e-04	-8.72e-05
69	1	0.13	0.02	-0.40	4.89e-05	-6.70e-04	-7.57e-06
69	4	0.17	0.01	-0.45	5.89e-05	-6.40e-04	-2.05e-05
69	115	0.18	-0.02	-0.31	4.58e-05	-4.63e-04	-7.43e-06
69	120	0.18	0.06	-0.31	2.46e-05	-4.61e-04	4.59e-05
69	132	0.13	0.16	-0.31	-3.48e-06	-4.79e-04	9.87e-05
69	147	0.16	-0.01	-0.31	4.35e-05	-4.69e-04	-6.82e-06
69	152	0.16	0.05	-0.31	2.71e-05	-4.68e-04	3.45e-05
69	164	0.12	0.13	-0.31	5.40e-06	-4.81e-04	7.53e-05
70	1	0.15	-7.13e-03	-0.34	-1.82e-05	7.77e-04	6.61e-05
70	4	0.19	-6.06e-03	-0.37	-1.97e-05	8.29e-04	8.11e-05
70	128	0.17	1.30e-03	-0.26	-1.98e-05	6.05e-04	7.67e-05
70	137	0.09	-0.02	-0.26	0.0	5.67e-04	-5.48e-06
70	144	0.13	9.82e-03	-0.27	-2.65e-05	5.84e-04	1.05e-04
70	160	0.16	-2.82e-04	-0.26	-1.84e-05	5.98e-04	7.11e-05
70	169	0.10	-0.02	-0.26	-3.65e-06	5.69e-04	7.52e-06
70	176	0.13	6.31e-03	-0.27	-2.36e-05	5.82e-04	9.27e-05
71	1	0.14	0.02	-0.41	-1.96e-05	-6.58e-04	2.69e-05
71	4	0.18	0.01	-0.46	-1.80e-05	-6.22e-04	2.07e-05
71	124	0.17	0.06	-0.31	-2.59e-05	-4.59e-04	5.93e-05
71	128	0.17	0.05	-0.31	-2.39e-05	-4.59e-04	5.44e-05
71	132	0.12	0.16	-0.31	-5.24e-05	-4.74e-04	1.22e-04
71	156	0.15	0.05	-0.31	-2.35e-05	-4.63e-04	5.06e-05
71	160	0.15	0.04	-0.31	-2.20e-05	-4.63e-04	4.68e-05
71	164	0.12	0.13	-0.31	-4.41e-05	-4.75e-04	9.90e-05
72	1	0.04	-0.04	-0.41	4.86e-06	1.33e-04	-1.09e-04
72	4	0.06	-0.04	-0.43	2.90e-06	1.60e-04	-1.15e-04
72	120	0.13	-0.02	-0.31	-3.80e-06	1.22e-04	-1.04e-04
72	137	-4.95e-03	-0.05	-0.32	1.98e-05	8.68e-05	-1.50e-04
72	152	0.11	-0.02	-0.31	-2.13e-06	1.16e-04	-9.98e-05
72	169	3.46e-03	-0.04	-0.32	1.61e-05	8.92e-05	-1.35e-04
73	4	0.06	-8.39e-03	-0.42	3.57e-05	3.28e-05	-6.98e-05
73	9	0.04	-9.48e-03	-0.41	3.60e-05	1.68e-05	-6.59e-05
73	117	-0.07	-0.03	-0.32	3.99e-05	-2.74e-05	0.0
73	120	0.13	0.02	-0.31	1.26e-05	4.50e-05	-1.04e-04
73	149	-0.05	-0.02	-0.32	3.68e-05	-1.92e-05	-1.21e-05
73	152	0.11	0.01	-0.31	1.57e-05	3.68e-05	-9.20e-05
74	4	-1.26e-03	2.14e-04	-0.34	8.41e-06	7.60e-05	2.68e-06
74	122	-3.10e-03	1.00e-03	-0.23	-1.38e-05	4.85e-05	2.83e-06
74	124	1.70e-03	1.12e-03	-0.24	-1.16e-05	4.90e-05	1.95e-06
74	132	-3.95e-04	3.43e-03	-0.24	-1.36e-05	4.88e-05	2.77e-06
74	154	-2.53e-03	7.90e-04	-0.23	-1.34e-05	4.86e-05	2.70e-06
74	156	1.18e-03	8.79e-04	-0.24	-1.17e-05	4.90e-05	2.02e-06
74	164	-4.38e-04	2.67e-03	-0.24	-1.33e-05	4.88e-05	2.65e-06
75	1	-3.41e-04	-3.30e-04	-0.37	-5.74e-05	2.02e-04	1.22e-06
75	4	-3.05e-04	-3.09e-04	-0.40	-5.69e-05	2.06e-04	1.43e-06
75	9	-3.24e-04	-3.35e-04	-0.37	-5.73e-05	2.02e-04	1.24e-06
75	122	-3.06e-03	1.06e-03	-0.28	-4.68e-05	1.47e-04	0.0
75	124	2.49e-03	1.41e-03	-0.28	-4.42e-05	1.65e-04	2.00e-06
75	129	-1.01e-03	-5.33e-03	-0.28	-4.07e-05	1.52e-04	0.0
75	154	-2.43e-03	7.59e-04	-0.28	-4.62e-05	1.49e-04	0.0
75	156	1.87e-03	1.03e-03	-0.28	-4.42e-05	1.63e-04	1.76e-06
75	161	-8.45e-04	-4.18e-03	-0.28	-4.15e-05	1.53e-04	0.0
76	4	0.05	0.09	-0.43	-4.70e-05	-1.85e-04	-4.08e-05
76	9	0.04	0.09	-0.41	-3.60e-05	-1.94e-04	-2.42e-05
76	115	0.12	0.03	-0.32	-1.77e-05	-1.01e-04	2.89e-05
76	120	0.13	0.11	-0.32	-3.57e-05	-1.02e-04	-2.29e-05
76	132	0.06	0.22	-0.31	-6.45e-05	-1.23e-04	-1.03e-04
76	147	0.10	0.04	-0.32	-2.02e-05	-1.07e-04	1.83e-05
76	152	0.11	0.10	-0.32	-3.42e-05	-1.08e-04	-2.18e-05
76	164	0.06	0.19	-0.31	-5.65e-05	-1.24e-04	-8.34e-05
77	4	0.10	0.09	-0.44	-9.76e-05	-3.62e-04	1.89e-05
77	9	0.08	0.09	-0.41	-1.04e-04	-3.83e-04	1.35e-05
77	115	0.16	0.03	-0.32	-6.02e-05	-2.11e-04	-8.11e-05
77	116	0.17	0.12	-0.31	-7.23e-05	-2.07e-04	-6.88e-05
77	132	0.10	0.22	-0.31	-8.67e-05	-2.33e-04	3.52e-06
77	147	0.14	0.04	-0.31	-6.17e-05	-2.21e-04	-6.10e-05
77	148	0.14	0.11	-0.31	-7.10e-05	-2.17e-04	-5.15e-05
77	164	0.09	0.19	-0.31	-8.22e-05	-2.38e-04	4.51e-06

78	1	-3.12e-03	-4.72e-04	-0.29	-8.73e-05	4.17e-05	2.76e-06
78	4	-3.58e-03	-2.62e-04	-0.30	-7.98e-05	5.75e-05	2.53e-06
78	122	-5.49e-03	7.10e-04	-0.22	-6.33e-05	3.40e-05	2.86e-06
78	143	-1.46e-03	-4.43e-03	-0.22	-6.57e-05	3.49e-05	3.08e-06
78	144	-1.60e-03	3.67e-03	-0.23	-7.14e-05	2.83e-05	0.0
78	154	-4.79e-03	4.66e-04	-0.22	-6.42e-05	3.36e-05	2.69e-06
78	175	-1.67e-03	-3.51e-03	-0.22	-6.60e-05	3.43e-05	2.87e-06
78	176	-1.78e-03	2.75e-03	-0.23	-7.05e-05	2.92e-05	1.00e-06
79	1	0.13	-0.04	-0.37	2.13e-05	1.03e-04	-2.13e-05
79	4	0.15	-0.04	-0.39	1.87e-05	1.27e-04	-2.57e-05
79	120	0.21	-0.02	-0.28	1.40e-05	1.84e-04	-2.13e-05
79	137	0.06	-0.04	-0.29	2.31e-05	4.08e-05	-6.03e-06
79	152	0.18	-0.02	-0.28	1.46e-05	1.60e-04	-2.02e-05
79	169	0.06	-0.04	-0.29	2.17e-05	4.96e-05	-8.44e-06
80	4	-2.74e-03	2.34e-04	-0.35	-5.59e-05	1.78e-05	1.98e-06
80	122	-4.94e-03	1.00e-03	-0.25	-7.03e-05	1.50e-05	2.60e-06
80	132	-1.86e-03	3.44e-03	-0.25	-7.59e-05	1.46e-05	2.97e-06
80	136	-1.61e-03	3.39e-03	-0.25	-7.60e-05	1.46e-05	2.85e-06
80	154	-4.25e-03	7.92e-04	-0.25	-6.97e-05	1.45e-05	2.40e-06
80	164	-1.86e-03	2.68e-03	-0.25	-7.41e-05	1.42e-05	2.68e-06
80	168	-1.67e-03	2.64e-03	-0.25	-7.41e-05	1.42e-05	2.59e-06
81	1	0.05	0.09	-0.58	8.99e-05	1.30e-04	6.13e-05
81	4	0.07	0.08	-0.62	1.07e-04	1.40e-04	6.63e-05
81	123	0.09	0.03	-0.45	6.91e-05	1.22e-04	2.15e-04
81	132	0.04	0.22	-0.46	3.05e-05	1.04e-04	8.79e-05
81	136	0.04	0.22	-0.46	3.03e-05	1.05e-04	9.53e-05
81	155	0.08	0.04	-0.45	6.77e-05	1.17e-04	1.77e-04
81	164	0.04	0.18	-0.46	3.78e-05	1.03e-04	7.86e-05
81	168	0.04	0.18	-0.46	3.76e-05	1.04e-04	8.44e-05
82	1	0.06	0.02	-0.50	1.36e-04	1.04e-05	9.29e-05
82	4	0.07	0.01	-0.54	1.58e-04	1.98e-05	1.03e-04
82	123	0.09	-0.03	-0.39	1.11e-04	2.03e-05	3.78e-05
82	132	0.04	0.16	-0.39	4.81e-05	1.51e-05	1.18e-04
82	136	0.05	0.16	-0.39	4.85e-05	1.59e-05	1.17e-04
82	155	0.08	-0.02	-0.39	1.08e-04	1.82e-05	4.52e-05
82	164	0.04	0.13	-0.39	5.89e-05	1.42e-05	1.07e-04
82	168	0.05	0.13	-0.39	5.93e-05	1.48e-05	1.07e-04
83	1	0.12	-0.04	-0.38	9.81e-05	1.11e-04	-5.95e-05
83	4	0.15	-0.04	-0.40	9.96e-05	1.35e-04	-6.75e-05
83	120	0.20	-0.02	-0.29	7.13e-05	1.90e-04	-5.00e-05
83	137	0.05	-0.05	-0.29	8.53e-05	4.47e-05	-3.37e-05
83	152	0.18	-0.02	-0.29	7.22e-05	1.66e-04	-4.91e-05
83	169	0.06	-0.04	-0.29	8.31e-05	5.39e-05	-3.65e-05
84	4	0.08	1.84e-05	-0.39	-9.93e-06	3.80e-04	1.83e-05
84	5	0.04	-3.01e-03	-0.27	-1.69e-06	2.43e-04	1.76e-05
84	123	0.09	-5.55e-03	-0.29	4.21e-06	2.84e-04	-7.19e-05
84	137	0.04	-0.02	-0.28	2.37e-05	2.64e-04	-7.63e-05
84	144	0.05	0.02	-0.29	-3.08e-05	2.61e-04	1.02e-04
84	155	0.08	-4.73e-03	-0.28	2.40e-06	2.79e-04	-5.19e-05
84	169	0.04	-0.02	-0.28	1.75e-05	2.63e-04	-5.54e-05
84	176	0.05	0.01	-0.29	-2.47e-05	2.61e-04	8.29e-05
85	4	0.08	-4.75e-04	-0.39	8.55e-06	1.29e-04	7.03e-05
85	5	0.04	-3.43e-03	-0.27	6.55e-06	6.86e-05	3.79e-05
85	127	0.08	-6.65e-03	-0.29	4.36e-06	1.07e-04	-2.51e-05
85	128	0.08	5.15e-03	-0.29	-5.13e-06	1.09e-04	-4.25e-06
85	137	0.04	-0.02	-0.28	2.42e-05	7.06e-05	2.02e-05
85	159	0.07	-5.67e-03	-0.29	4.87e-06	1.01e-04	-9.49e-06
85	160	0.07	3.46e-03	-0.29	-2.47e-06	1.02e-04	6.63e-06
85	169	0.04	-0.02	-0.28	2.02e-05	7.27e-05	2.56e-05
86	3	0.07	-0.09	-0.31	1.34e-04	1.45e-04	2.14e-04
86	4	0.07	-0.09	-0.31	1.33e-04	1.47e-04	2.19e-04
86	9	0.05	-0.08	-0.32	1.18e-04	1.20e-04	1.94e-04
86	126	5.69e-03	-0.06	-0.26	8.67e-05	5.00e-05	8.28e-05
86	127	0.08	-0.07	-0.22	1.00e-04	1.25e-04	1.96e-04
86	143	0.05	-0.08	-0.23	1.03e-04	1.02e-04	1.59e-04
86	158	0.01	-0.06	-0.25	8.82e-05	5.85e-05	9.55e-05
86	159	0.07	-0.07	-0.23	9.85e-05	1.17e-04	1.83e-04
86	175	0.05	-0.08	-0.23	1.01e-04	9.89e-05	1.55e-04
87	3	0.17	-0.08	-0.41	4.81e-06	8.71e-04	1.35e-05
87	4	0.17	-0.08	-0.41	0.0	8.98e-04	1.01e-05
87	123	0.16	-0.06	-0.30	5.29e-06	6.77e-04	2.24e-05
87	125	0.04	-0.06	-0.31	0.0	5.65e-04	-5.13e-05
87	137	0.08	-0.07	-0.31	1.02e-05	6.07e-04	-3.90e-05
87	155	0.15	-0.06	-0.30	3.98e-06	6.64e-04	1.49e-05
87	157	0.05	-0.06	-0.31	0.0	5.78e-04	-4.21e-05
87	169	0.09	-0.07	-0.31	7.78e-06	6.10e-04	-3.26e-05
88	1	2.39e-04	-2.36e-04	-0.28	1.11e-05	1.20e-05	0.0

88	4	-2.36e-04	-1.69e-04	-0.30	9.47e-06	3.51e-05	0.0
88	5	3.86e-04	-2.14e-04	-0.20	9.35e-06	0.0	0.0
88	123	2.87e-03	-1.20e-03	-0.21	9.16e-06	1.10e-05	0.0
88	128	2.78e-03	7.95e-04	-0.21	6.17e-06	1.03e-05	0.0
88	137	-4.55e-04	-3.55e-03	-0.21	1.38e-05	9.99e-06	2.70e-06
88	155	2.26e-03	-9.71e-04	-0.21	9.03e-06	1.06e-05	0.0
88	160	2.19e-03	5.73e-04	-0.21	6.72e-06	1.01e-05	0.0
88	169	-3.11e-04	-2.79e-03	-0.21	1.26e-05	9.82e-06	2.15e-06
89	1	0.08	0.02	-0.45	-2.26e-04	8.85e-05	1.10e-05
89	4	0.10	0.01	-0.51	-2.09e-04	7.20e-05	0.0
89	116	0.17	0.06	-0.34	-1.76e-04	6.44e-05	6.65e-05
89	131	0.08	-0.12	-0.35	-1.31e-04	6.72e-05	3.42e-06
89	132	0.11	0.16	-0.34	-1.97e-04	6.34e-05	4.61e-05
89	148	0.15	0.05	-0.34	-1.73e-04	6.46e-05	5.36e-05
89	163	0.07	-0.09	-0.35	-1.38e-04	6.68e-05	4.81e-06
89	164	0.10	0.13	-0.34	-1.89e-04	6.39e-05	3.78e-05
90	3	0.11	-8.01e-03	-0.47	-2.00e-06	1.89e-04	8.85e-05
90	4	0.11	-7.98e-03	-0.48	-5.50e-06	1.93e-04	8.80e-05
90	115	0.16	-0.03	-0.33	0.0	1.10e-04	-3.69e-06
90	116	0.17	0.03	-0.33	-2.25e-05	1.09e-04	1.22e-04
90	135	0.07	-0.10	-0.33	2.76e-05	1.05e-04	-1.41e-04
90	147	0.14	-0.03	-0.33	-2.33e-06	1.08e-04	1.38e-05
90	148	0.15	0.02	-0.33	-1.96e-05	1.08e-04	1.11e-04
90	167	0.07	-0.08	-0.33	1.92e-05	1.05e-04	-9.27e-05
91	1	0.13	-4.65e-03	-0.35	-6.87e-04	3.26e-05	1.07e-04
91	4	0.17	-3.42e-03	-0.37	-7.03e-04	5.99e-05	1.28e-04
91	123	0.16	-4.98e-03	-0.27	-4.93e-04	9.19e-05	9.73e-05
91	137	0.08	-0.02	-0.26	-5.00e-04	1.20e-05	6.75e-05
91	144	0.11	0.01	-0.27	-5.14e-04	4.26e-05	8.89e-05
91	155	0.14	-4.71e-03	-0.27	-4.96e-04	7.70e-05	9.35e-05
91	169	0.08	-0.02	-0.26	-5.01e-04	1.52e-05	7.05e-05
91	176	0.11	8.28e-03	-0.27	-5.13e-04	3.88e-05	8.70e-05
92	4	0.14	3.01e-03	-0.38	-7.91e-05	4.06e-04	7.88e-05
92	11	0.14	3.10e-03	-0.38	-8.15e-05	4.05e-04	7.23e-05
92	123	0.14	-6.20e-04	-0.27	-6.12e-05	2.98e-04	5.03e-05
92	140	0.09	0.02	-0.28	-7.57e-05	2.64e-04	1.11e-04
92	144	0.10	0.02	-0.28	-7.58e-05	2.65e-04	1.10e-04
92	155	0.12	-3.13e-04	-0.27	-6.11e-05	2.90e-04	4.98e-05
92	172	0.09	0.01	-0.28	-7.23e-05	2.63e-04	9.69e-05
92	176	0.09	0.01	-0.28	-7.24e-05	2.64e-04	9.58e-05
93	1	0.12	-0.02	-0.35	0.0	1.87e-04	-1.33e-04
93	4	0.15	-0.02	-0.37	0.0	2.17e-04	-1.65e-04
93	116	0.18	-0.01	-0.27	0.0	2.14e-04	-1.07e-05
93	117	-3.56e-03	-0.03	-0.27	0.0	6.44e-05	-1.88e-04
93	137	0.05	-0.03	-0.27	0.0	1.05e-04	-1.35e-04
93	148	0.16	-0.01	-0.27	0.0	1.97e-04	-3.09e-05
93	149	0.02	-0.02	-0.27	0.0	8.14e-05	-1.68e-04
93	169	0.06	-0.03	-0.27	0.0	1.13e-04	-1.27e-04
94	3	0.11	-0.03	-0.42	7.04e-05	1.01e-04	-1.58e-05
94	4	0.11	-0.03	-0.43	7.05e-05	1.01e-04	-1.57e-05
94	119	0.15	-0.02	-0.33	5.36e-05	1.55e-04	-1.04e-05
94	120	0.15	-0.02	-0.32	4.77e-05	1.62e-04	-1.35e-05
94	137	0.04	-0.04	-0.30	6.40e-05	2.17e-05	-5.30e-06
94	151	0.13	-0.02	-0.32	5.36e-05	1.34e-04	-1.05e-05
94	152	0.13	-0.02	-0.32	4.90e-05	1.39e-04	-1.29e-05
94	169	0.05	-0.03	-0.30	6.16e-05	3.07e-05	-6.56e-06
95	1	0.08	-0.03	-0.37	1.00e-04	-6.05e-05	-1.64e-05
95	4	0.11	-0.03	-0.39	1.01e-04	-2.17e-05	-3.69e-05
95	116	0.17	-0.02	-0.28	6.55e-05	-1.09e-05	1.70e-05
95	137	0.02	-0.04	-0.28	9.35e-05	-5.84e-05	-6.37e-05
95	148	0.15	-0.02	-0.28	6.79e-05	-1.86e-05	1.03e-05
95	169	0.03	-0.04	-0.28	8.96e-05	-5.53e-05	-5.22e-05
96	3	0.13	-0.08	-0.36	3.28e-05	6.57e-04	1.67e-04
96	4	0.13	-0.08	-0.36	2.85e-05	6.76e-04	1.71e-04
96	11	0.13	-0.08	-0.36	2.09e-05	6.83e-04	1.65e-04
96	123	0.13	-0.06	-0.26	2.46e-05	5.15e-04	1.50e-04
96	126	0.03	-0.06	-0.28	1.52e-05	4.08e-04	5.81e-05
96	137	0.07	-0.07	-0.27	2.95e-05	4.52e-04	8.21e-05
96	155	0.12	-0.06	-0.26	2.36e-05	5.03e-04	1.40e-04
96	158	0.04	-0.06	-0.28	1.64e-05	4.20e-04	6.84e-05
96	169	0.07	-0.07	-0.27	2.74e-05	4.54e-04	8.69e-05
97	1	0.11	0.02	-0.44	-1.27e-04	-9.81e-05	7.76e-05
97	4	0.14	0.01	-0.49	-1.05e-04	-8.30e-05	9.80e-05
97	123	0.13	-0.03	-0.34	-8.96e-05	-5.34e-05	7.14e-05
97	124	0.13	0.06	-0.34	-1.02e-04	-5.49e-05	8.19e-05
97	132	0.09	0.16	-0.34	-1.17e-04	-6.69e-05	8.47e-05
97	155	0.12	-0.02	-0.34	-9.13e-05	-5.68e-05	6.85e-05

97	156	0.12	0.05	-0.34	-1.00e-04	-5.79e-05	7.67e-05
97	164	0.09	0.13	-0.34	-1.12e-04	-6.71e-05	7.88e-05
98	1	0.11	0.01	-0.41	-5.56e-05	1.06e-04	1.19e-06
98	4	0.14	0.01	-0.46	-4.61e-05	1.45e-04	-2.69e-05
98	123	0.13	-0.02	-0.31	-3.18e-05	7.98e-05	-7.75e-05
98	128	0.13	0.04	-0.31	-5.16e-05	7.64e-05	3.53e-05
98	132	0.09	0.11	-0.31	-7.83e-05	7.44e-05	2.06e-04
98	155	0.12	-9.87e-03	-0.31	-3.43e-05	7.99e-05	-5.96e-05
98	160	0.12	0.03	-0.31	-4.95e-05	7.73e-05	2.77e-05
98	164	0.09	0.09	-0.31	-7.02e-05	7.57e-05	1.60e-04
99	3	0.11	9.62e-03	-0.42	2.70e-04	1.20e-04	-2.07e-04
99	4	0.11	9.51e-03	-0.43	2.88e-04	1.31e-04	-2.07e-04
99	116	0.17	0.03	-0.31	9.74e-05	1.03e-04	-1.63e-04
99	117	-0.05	-0.02	-0.33	2.95e-04	4.11e-05	-1.12e-04
99	120	0.17	0.03	-0.31	9.74e-05	1.03e-04	-1.64e-04
99	148	0.15	0.02	-0.31	1.20e-04	9.60e-05	-1.57e-04
99	149	-0.02	-0.01	-0.32	2.73e-04	4.81e-05	-1.18e-04
99	152	0.15	0.02	-0.31	1.20e-04	9.59e-05	-1.58e-04
100	3	4.20e-04	-1.64e-03	-0.39	7.44e-05	-9.39e-05	9.21e-06
100	4	4.15e-04	-1.62e-03	-0.40	7.47e-05	-9.32e-05	9.18e-06
100	116	5.80e-03	-1.18e-03	-0.29	4.66e-05	-6.56e-05	1.12e-05
100	117	-5.12e-03	-1.07e-03	-0.30	6.85e-05	-1.09e-04	1.68e-06
100	139	1.59e-03	-5.29e-03	-0.30	6.28e-05	-8.50e-05	6.63e-06
100	148	4.55e-03	-1.13e-03	-0.29	4.90e-05	-7.05e-05	1.00e-05
100	149	-3.90e-03	-1.05e-03	-0.30	6.60e-05	-1.04e-04	2.71e-06
100	171	1.29e-03	-4.31e-03	-0.30	6.15e-05	-8.55e-05	6.55e-06
101	1	7.45e-04	-3.69e-04	-0.34	1.20e-04	-6.76e-05	-2.71e-06
101	3	5.58e-04	-7.47e-04	-0.35	1.22e-04	-5.19e-05	-3.14e-06
101	4	5.50e-04	-7.36e-04	-0.35	1.23e-04	-5.09e-05	-3.13e-06
101	116	4.63e-03	-8.12e-04	-0.25	8.40e-05	-2.96e-05	0.0
101	117	-3.41e-03	-8.97e-05	-0.27	1.01e-04	-7.50e-05	-3.29e-06
101	139	1.66e-03	-4.60e-03	-0.26	9.60e-05	-4.94e-05	-1.75e-06
101	148	3.71e-03	-6.98e-04	-0.25	8.59e-05	-3.47e-05	-1.18e-06
101	149	-2.51e-03	-1.39e-04	-0.26	9.89e-05	-6.98e-05	-3.02e-06
101	171	1.41e-03	-3.63e-03	-0.26	9.51e-05	-5.00e-05	-1.83e-06
102	4	-2.09e-03	1.24e-03	-0.44	-8.98e-05	3.03e-04	1.85e-06
102	122	-4.48e-03	2.09e-03	-0.32	-7.86e-05	2.21e-04	1.98e-06
102	132	-1.47e-03	5.84e-03	-0.33	-8.76e-05	2.30e-04	3.54e-06
102	136	-1.22e-03	5.76e-03	-0.33	-8.78e-05	2.31e-04	3.43e-06
102	154	-3.80e-03	1.79e-03	-0.32	-7.83e-05	2.22e-04	1.80e-06
102	164	-1.47e-03	4.69e-03	-0.32	-8.53e-05	2.29e-04	3.01e-06
102	168	-1.28e-03	4.63e-03	-0.32	-8.54e-05	2.29e-04	2.92e-06
103	4	1.08e-03	-6.50e-04	-0.37	1.81e-04	-1.09e-05	0.0
103	115	5.62e-03	-1.38e-03	-0.27	1.44e-04	1.39e-05	2.25e-06
103	116	6.03e-03	1.34e-03	-0.27	1.40e-04	1.07e-05	3.08e-06
103	129	-1.54e-03	-5.11e-03	-0.27	1.43e-04	6.93e-06	-1.81e-06
103	147	4.50e-03	-1.17e-03	-0.27	1.42e-04	1.17e-05	1.80e-06
103	148	4.81e-03	9.29e-04	-0.27	1.40e-04	9.21e-06	2.45e-06
103	161	-1.04e-03	-4.06e-03	-0.27	1.42e-04	6.29e-06	-1.34e-06
104	4	-8.26e-04	1.51e-03	-0.34	1.22e-04	2.74e-05	-5.60e-06
104	11	-8.11e-04	1.52e-03	-0.34	1.21e-04	1.87e-05	-5.66e-06
104	113	-4.44e-03	6.33e-05	-0.25	9.08e-05	-2.77e-05	-6.42e-06
104	137	-1.90e-03	-3.04e-03	-0.25	9.42e-05	-1.55e-05	-4.49e-06
104	142	-1.31e-03	5.33e-03	-0.25	8.67e-05	-8.52e-06	-5.20e-06
104	145	-3.56e-03	3.09e-04	-0.25	9.08e-05	-2.29e-05	-5.96e-06
104	169	-1.60e-03	-2.09e-03	-0.25	9.34e-05	-1.35e-05	-4.47e-06
104	174	-1.14e-03	4.39e-03	-0.25	8.76e-05	-8.07e-06	-5.02e-06
105	4	-5.86e-04	3.87e-04	-0.35	7.22e-05	-1.70e-05	0.0
105	113	-4.22e-03	-1.02e-03	-0.24	5.08e-05	-3.05e-05	0.0
105	115	3.07e-03	-3.56e-04	-0.24	5.11e-05	-2.98e-05	0.0
105	140	8.74e-04	3.60e-03	-0.24	4.44e-05	-3.05e-05	-3.00e-06
105	145	-3.36e-03	-7.31e-04	-0.24	5.05e-05	-3.05e-05	0.0
105	147	2.28e-03	-2.18e-04	-0.24	5.08e-05	-2.99e-05	0.0
105	172	5.79e-04	2.84e-03	-0.24	4.55e-05	-3.05e-05	-2.47e-06
106	4	-3.71e-04	1.19e-04	-0.33	2.97e-05	-7.05e-05	-1.38e-06
106	9	-4.00e-04	5.49e-05	-0.30	1.85e-05	-5.76e-05	-1.35e-06
106	113	-4.04e-03	-1.17e-03	-0.22	1.46e-05	-4.04e-05	-1.23e-06
106	131	2.98e-04	-3.19e-03	-0.23	1.73e-05	-4.30e-05	-2.33e-06
106	132	1.26e-03	3.39e-03	-0.22	8.68e-06	-4.39e-05	0.0
106	145	-3.19e-03	-8.97e-04	-0.22	1.43e-05	-4.09e-05	-1.18e-06
106	163	1.63e-04	-2.46e-03	-0.23	1.64e-05	-4.30e-05	-2.03e-06
106	164	9.03e-04	2.63e-03	-0.22	9.68e-06	-4.36e-05	0.0
107	4	-8.56e-05	-6.37e-04	-0.34	-6.23e-05	1.37e-04	0.0
107	9	-1.82e-04	-5.90e-04	-0.32	-5.30e-05	1.43e-04	0.0
107	113	-3.85e-03	-2.27e-03	-0.24	-3.97e-05	1.07e-04	0.0
107	115	3.30e-03	-1.39e-03	-0.24	-3.83e-05	1.15e-04	1.24e-06
107	129	-1.68e-03	-5.20e-03	-0.24	-3.82e-05	1.10e-04	0.0

107	145	-3.01e-03	-1.85e-03	-0.24	-3.96e-05	1.08e-04	0.0
107	147	2.52e-03	-1.18e-03	-0.24	-3.85e-05	1.14e-04	1.05e-06
107	161	-1.33e-03	-4.12e-03	-0.24	-3.85e-05	1.10e-04	0.0
108	3	0.12	-0.03	-0.41	2.92e-05	1.02e-04	-4.16e-05
108	4	0.12	-0.03	-0.42	2.90e-05	1.02e-04	-4.16e-05
108	119	0.15	-0.02	-0.32	2.53e-05	1.55e-04	-2.34e-05
108	120	0.15	-0.02	-0.32	1.99e-05	1.60e-04	-2.59e-05
108	137	0.04	-0.04	-0.29	3.29e-05	2.43e-05	-2.73e-05
108	151	0.13	-0.02	-0.32	2.49e-05	1.34e-04	-2.49e-05
108	152	0.14	-0.02	-0.31	2.07e-05	1.38e-04	-2.68e-05
108	169	0.05	-0.03	-0.30	3.08e-05	3.26e-05	-2.79e-05
109	4	0.01	-2.22e-03	-0.34	2.11e-05	2.28e-05	2.40e-05
109	115	0.02	-5.58e-03	-0.24	2.59e-05	2.96e-06	0.0
109	120	0.02	6.36e-03	-0.24	-9.57e-06	2.62e-06	2.19e-05
109	129	2.94e-03	-0.02	-0.24	7.68e-05	2.61e-06	-1.99e-05
109	147	0.01	-4.62e-03	-0.24	2.30e-05	2.77e-06	4.00e-06
109	152	0.01	4.62e-03	-0.24	-4.46e-06	2.51e-06	2.14e-05
109	161	3.68e-03	-0.02	-0.24	6.23e-05	2.50e-06	-1.09e-05
110	4	6.29e-05	1.08e-03	-0.32	4.01e-05	8.64e-05	0.0
110	5	2.66e-04	7.63e-04	-0.22	2.92e-05	3.00e-05	-1.26e-06
110	116	3.72e-03	1.85e-03	-0.23	2.72e-05	5.15e-05	0.0
110	117	-3.30e-03	-4.65e-04	-0.23	3.26e-05	3.50e-05	-2.18e-06
110	142	-5.97e-04	4.97e-03	-0.23	2.49e-05	4.22e-05	0.0
110	148	2.92e-03	1.61e-03	-0.23	2.78e-05	4.96e-05	0.0
110	149	-2.51e-03	-1.81e-04	-0.23	3.19e-05	3.69e-05	-1.93e-06
110	174	-4.20e-04	4.02e-03	-0.23	2.60e-05	4.24e-05	0.0
111	4	-4.78e-05	-6.86e-04	-0.37	-8.09e-05	1.78e-04	0.0
111	5	-1.38e-04	-4.59e-04	-0.25	-5.43e-05	1.38e-04	0.0
111	113	-3.59e-03	-2.36e-03	-0.26	-5.69e-05	1.35e-04	-1.32e-06
111	115	3.29e-03	-1.48e-03	-0.26	-5.51e-05	1.40e-04	0.0
111	129	-1.30e-03	-5.40e-03	-0.26	-5.36e-05	1.37e-04	-1.78e-06
111	145	-2.80e-03	-1.94e-03	-0.26	-5.69e-05	1.35e-04	-1.09e-06
111	147	2.52e-03	-1.25e-03	-0.26	-5.56e-05	1.40e-04	0.0
111	161	-1.03e-03	-4.29e-03	-0.26	-5.44e-05	1.37e-04	-1.45e-06
112	3	0.02	0.03	-0.41	2.99e-04	1.96e-04	4.36e-06
112	4	0.02	0.03	-0.41	2.99e-04	1.97e-04	4.77e-06
112	115	0.03	0.02	-0.29	2.21e-04	2.33e-04	0.0
112	120	0.03	0.03	-0.29	1.74e-04	2.35e-04	3.84e-06
112	132	0.02	0.05	-0.29	1.02e-04	1.73e-04	2.83e-06
112	147	0.03	0.02	-0.29	2.16e-04	2.13e-04	0.0
112	152	0.03	0.03	-0.29	1.79e-04	2.14e-04	2.00e-06
112	164	0.02	0.04	-0.29	1.23e-04	1.67e-04	1.22e-06
113	4	0.08	0.07	-0.45	-2.15e-04	2.22e-05	4.32e-05
113	9	0.07	0.07	-0.42	-2.03e-04	3.33e-06	2.75e-05
113	115	0.17	0.02	-0.32	-1.37e-04	2.38e-04	-7.40e-05
113	120	0.17	0.09	-0.32	-1.71e-04	2.43e-04	-6.35e-05
113	132	0.09	0.18	-0.31	-2.23e-04	8.21e-05	8.69e-06
113	147	0.14	0.03	-0.32	-1.41e-04	1.85e-04	-5.28e-05
113	152	0.14	0.08	-0.32	-1.67e-04	1.88e-04	-4.46e-05
113	164	0.08	0.15	-0.31	-2.08e-04	6.41e-05	1.12e-05
114	3	0.08	0.09	-0.45	-1.57e-04	-6.00e-05	3.69e-05
114	4	0.08	0.09	-0.45	-1.58e-04	-6.48e-05	3.77e-05
114	9	0.06	0.09	-0.42	-1.41e-04	-9.08e-05	2.35e-05
114	115	0.21	0.03	-0.32	-1.03e-04	1.02e-04	-1.27e-04
114	116	0.22	0.12	-0.32	-1.15e-04	1.06e-04	-1.15e-04
114	132	0.10	0.22	-0.32	-1.29e-04	-4.01e-06	-4.68e-06
114	147	0.18	0.04	-0.32	-1.04e-04	6.58e-05	-9.46e-05
114	148	0.18	0.11	-0.32	-1.14e-04	6.84e-05	-8.53e-05
114	164	0.09	0.19	-0.32	-1.25e-04	-1.63e-05	0.0
115	1	3.35e-03	-4.63e-03	-0.35	5.77e-05	1.46e-04	7.32e-05
115	4	8.16e-03	-4.51e-03	-0.37	5.93e-05	1.82e-04	7.96e-05
115	116	0.02	1.37e-04	-0.26	4.35e-05	2.26e-04	9.81e-05
115	137	-6.34e-03	-0.01	-0.27	4.75e-05	6.74e-05	3.79e-05
115	148	0.02	-7.05e-04	-0.26	4.37e-05	2.00e-04	8.87e-05
115	169	-4.33e-03	-0.01	-0.27	4.68e-05	7.76e-05	4.21e-05
116	4	0.01	-5.31e-03	-0.39	-3.06e-05	1.07e-04	1.34e-04
116	116	0.03	-8.12e-04	-0.29	-5.50e-05	1.65e-04	1.01e-04
116	117	-9.38e-03	-6.47e-03	-0.30	6.16e-06	-2.35e-05	8.83e-05
116	137	2.25e-03	-9.70e-03	-0.30	-8.36e-06	2.77e-05	9.19e-05
116	148	0.03	-1.40e-03	-0.29	-4.81e-05	1.44e-04	9.93e-05
116	149	-4.85e-03	-5.77e-03	-0.30	0.0	-2.12e-06	8.97e-05
116	169	4.14e-03	-8.28e-03	-0.30	-1.20e-05	3.75e-05	9.24e-05
117	4	0.02	3.89e-03	-0.41	8.12e-05	8.70e-05	2.22e-04
117	9	0.02	3.98e-03	-0.40	7.83e-05	7.09e-05	2.14e-04
117	116	0.04	4.07e-03	-0.30	4.65e-05	6.03e-05	1.72e-04
117	117	-2.42e-03	1.52e-03	-0.31	7.40e-05	4.26e-05	1.57e-04
117	138	0.01	9.09e-03	-0.31	5.08e-05	5.81e-05	1.65e-04

117	148	0.03	3.83e-03	-0.30	4.95e-05	5.84e-05	1.70e-04
117	149	1.87e-03	1.86e-03	-0.31	7.08e-05	4.47e-05	1.58e-04
117	170	0.01	7.72e-03	-0.31	5.29e-05	5.67e-05	1.65e-04
118	4	0.02	2.08e-03	-0.40	3.91e-05	-2.82e-05	1.04e-04
118	9	0.02	2.28e-03	-0.39	3.16e-05	-3.72e-05	9.63e-05
118	116	0.03	3.11e-03	-0.30	1.37e-06	-3.47e-05	7.00e-05
118	118	-6.22e-03	3.49e-03	-0.30	3.58e-05	-2.22e-05	7.74e-05
118	144	0.02	7.71e-03	-0.30	1.13e-06	-2.05e-05	7.20e-05
118	148	0.03	2.79e-03	-0.30	6.39e-06	-3.41e-05	7.08e-05
118	150	-1.99e-03	3.09e-03	-0.30	3.30e-05	-2.44e-05	7.65e-05
118	176	0.02	6.35e-03	-0.30	6.20e-06	-2.31e-05	7.24e-05
119	4	0.02	-3.32e-03	-0.39	1.13e-05	1.23e-04	0.0
119	116	0.04	3.19e-04	-0.29	-1.39e-05	1.53e-04	-1.10e-05
119	117	-2.69e-03	-4.81e-03	-0.30	3.26e-05	6.09e-06	0.0
119	137	8.15e-03	-8.24e-03	-0.30	2.51e-05	4.46e-05	-3.65e-06
119	148	0.03	-2.09e-04	-0.29	-8.71e-06	1.36e-04	-9.81e-06
119	149	1.60e-03	-4.17e-03	-0.30	2.73e-05	2.28e-05	-1.55e-06
119	169	9.99e-03	-6.83e-03	-0.30	2.14e-05	5.26e-05	-4.13e-06
120	3	-3.43e-04	-4.17e-03	-0.41	1.19e-04	3.20e-04	1.17e-04
120	4	-3.46e-04	-4.13e-03	-0.41	1.19e-04	3.21e-04	1.18e-04
120	113	-4.90e-03	-9.01e-05	-0.31	9.85e-05	2.19e-04	8.04e-05
120	137	-1.70e-03	-5.74e-03	-0.31	1.02e-04	2.26e-04	8.27e-05
120	139	1.08e-03	-7.96e-03	-0.31	9.81e-05	2.34e-04	8.57e-05
120	145	-3.83e-03	-7.45e-04	-0.31	9.65e-05	2.23e-04	8.16e-05
120	169	-1.35e-03	-5.12e-03	-0.31	9.91e-05	2.28e-04	8.34e-05
120	171	8.01e-04	-6.83e-03	-0.31	9.62e-05	2.34e-04	8.58e-05
121	4	0.02	-0.01	-0.35	-5.80e-05	1.57e-04	-7.34e-05
121	123	0.03	-8.02e-03	-0.26	-5.63e-05	1.38e-04	-5.40e-05
121	141	9.66e-03	-0.01	-0.25	-4.22e-05	9.19e-05	-5.29e-05
121	144	0.02	-7.88e-04	-0.26	-5.07e-05	1.05e-04	-5.40e-05
121	155	0.02	-7.95e-03	-0.26	-5.40e-05	1.29e-04	-5.39e-05
121	173	0.01	-0.01	-0.25	-4.32e-05	9.34e-05	-5.30e-05
121	176	0.01	-2.36e-03	-0.26	-4.97e-05	1.04e-04	-5.38e-05
122	4	-3.30e-04	3.10e-04	-0.31	2.51e-05	7.12e-05	0.0
122	123	2.89e-03	-9.60e-04	-0.22	1.66e-05	4.09e-05	0.0
122	142	-8.09e-04	4.29e-03	-0.22	1.53e-05	3.41e-05	0.0
122	144	8.42e-04	4.26e-03	-0.22	1.38e-05	3.78e-05	0.0
122	155	2.26e-03	-7.07e-04	-0.22	1.70e-05	3.96e-05	0.0
122	174	-6.03e-04	3.36e-03	-0.22	1.59e-05	3.43e-05	0.0
122	176	6.74e-04	3.33e-03	-0.22	1.48e-05	3.71e-05	0.0
123	4	0.03	-0.03	-0.35	1.12e-04	-3.17e-06	-7.47e-05
123	11	0.03	-0.03	-0.35	1.08e-04	-3.53e-06	-8.17e-05
123	123	0.04	-0.02	-0.26	1.02e-04	-2.65e-05	-2.10e-05
123	126	-6.80e-03	-0.02	-0.28	6.17e-05	2.43e-05	-1.21e-04
123	141	0.01	-0.03	-0.27	9.49e-05	3.73e-06	-8.73e-05
123	155	0.03	-0.02	-0.26	9.76e-05	-2.07e-05	-3.25e-05
123	158	-1.52e-03	-0.02	-0.28	6.63e-05	1.85e-05	-1.10e-04
123	173	0.01	-0.03	-0.27	9.20e-05	2.65e-06	-8.38e-05
124	1	0.02	-8.98e-03	-0.32	0.0	-7.15e-05	-1.93e-05
124	4	0.03	-8.95e-03	-0.34	-1.18e-06	-6.88e-05	-2.47e-05
124	128	0.03	-3.49e-03	-0.25	-4.42e-06	1.35e-05	-2.46e-05
124	137	0.01	-0.02	-0.25	8.83e-06	-7.62e-05	-1.28e-05
124	144	0.02	2.34e-03	-0.25	-7.90e-06	-3.40e-05	-1.72e-05
124	160	0.02	-4.26e-03	-0.25	-3.31e-06	-2.14e-06	-2.23e-05
124	169	0.02	-0.01	-0.25	6.93e-06	-7.15e-05	-1.32e-05
124	176	0.02	2.45e-04	-0.25	-6.01e-06	-3.89e-05	-1.66e-05
125	3	0.03	-0.03	-0.30	1.19e-04	1.03e-04	-4.34e-06
125	4	0.03	-0.03	-0.30	1.18e-04	1.04e-04	-4.60e-06
125	9	0.02	-0.02	-0.31	1.06e-04	7.70e-05	-1.03e-05
125	123	0.04	-0.02	-0.22	9.01e-05	8.91e-05	3.87e-06
125	126	-2.91e-03	-0.02	-0.25	7.49e-05	2.97e-05	-1.84e-05
125	139	0.02	-0.03	-0.23	9.18e-05	6.88e-05	-3.78e-06
125	155	0.03	-0.02	-0.22	8.84e-05	8.24e-05	1.37e-06
125	158	1.73e-03	-0.02	-0.25	7.67e-05	3.65e-05	-1.59e-05
125	171	0.02	-0.02	-0.23	8.98e-05	6.67e-05	-4.55e-06
126	4	0.03	-0.03	-0.35	1.34e-04	1.29e-04	-3.99e-05
126	11	0.02	-0.03	-0.35	1.29e-04	1.18e-04	-4.38e-05
126	123	0.04	-0.02	-0.25	1.04e-04	1.29e-04	-2.92e-05
126	126	-9.84e-03	-0.02	-0.28	8.16e-05	1.83e-05	-4.40e-05
126	141	7.95e-03	-0.03	-0.27	9.89e-05	6.03e-05	-4.28e-05
126	155	0.03	-0.02	-0.26	1.01e-04	1.17e-04	-3.09e-05
126	158	-4.56e-03	-0.02	-0.27	8.42e-05	3.08e-05	-4.23e-05
126	173	9.21e-03	-0.03	-0.27	9.76e-05	6.33e-05	-4.14e-05
127	4	0.03	-0.03	-0.33	1.41e-04	1.09e-04	-1.30e-05
127	9	0.02	-0.03	-0.33	1.27e-04	7.84e-05	-1.94e-05
127	123	0.04	-0.02	-0.24	1.09e-04	1.03e-04	-3.54e-06
127	126	-6.10e-03	-0.02	-0.26	8.92e-05	2.02e-05	-2.42e-05

127	139	0.02	-0.03	-0.24	1.09e-04	7.37e-05	-1.11e-05
127	155	0.03	-0.02	-0.24	1.07e-04	9.35e-05	-5.85e-06
127	158	-1.10e-03	-0.02	-0.26	9.14e-05	2.96e-05	-2.18e-05
127	171	0.02	-0.03	-0.24	1.07e-04	7.10e-05	-1.17e-05
128	4	0.03	0.01	-0.29	-8.24e-05	6.69e-05	4.64e-05
128	126	8.11e-03	7.99e-03	-0.22	-5.80e-05	2.08e-05	3.49e-05
128	128	0.02	8.93e-03	-0.22	-5.90e-05	3.88e-05	3.17e-05
128	140	0.02	0.01	-0.22	-6.08e-05	3.44e-05	3.64e-05
128	158	9.56e-03	7.72e-03	-0.22	-5.79e-05	2.27e-05	3.43e-05
128	160	0.02	8.44e-03	-0.22	-5.87e-05	3.66e-05	3.18e-05
128	172	0.02	0.01	-0.22	-6.01e-05	3.32e-05	3.54e-05
129	4	-6.40e-04	3.19e-04	-0.28	-2.51e-05	6.81e-05	-1.68e-06
129	9	-1.89e-04	4.65e-04	-0.27	-2.34e-05	4.67e-05	-2.20e-06
129	118	-2.81e-03	2.17e-03	-0.21	-1.63e-05	2.65e-05	-3.10e-06
129	122	-2.90e-03	1.67e-03	-0.21	-1.69e-05	2.59e-05	-2.06e-06
129	138	-1.00e-03	4.37e-03	-0.21	-2.05e-05	3.26e-05	-1.49e-06
129	150	-2.20e-03	1.75e-03	-0.21	-1.66e-05	2.80e-05	-2.78e-06
129	154	-2.27e-03	1.37e-03	-0.21	-1.70e-05	2.75e-05	-1.98e-06
129	170	-8.02e-04	3.46e-03	-0.21	-1.98e-05	3.27e-05	-1.54e-06
130	4	5.52e-05	6.72e-04	-0.30	1.02e-04	3.15e-06	3.67e-06
130	5	2.78e-04	6.37e-04	-0.22	7.44e-05	-2.64e-05	1.82e-06
130	9	2.45e-04	8.04e-04	-0.29	9.88e-05	-1.70e-05	2.81e-06
130	116	3.71e-03	8.64e-04	-0.22	7.18e-05	-8.36e-06	5.87e-06
130	117	-3.28e-03	8.84e-05	-0.23	7.99e-05	-2.34e-05	-1.27e-06
130	138	-7.02e-04	4.66e-03	-0.22	7.22e-05	-1.71e-05	1.76e-06
130	148	2.91e-03	8.03e-04	-0.22	7.27e-05	-1.01e-05	5.04e-06
130	149	-2.49e-03	2.03e-04	-0.23	7.90e-05	-2.17e-05	0.0
130	170	-4.99e-04	3.74e-03	-0.22	7.30e-05	-1.68e-05	1.86e-06
131	3	0.03	-4.41e-03	-0.37	-2.04e-05	1.35e-04	7.91e-05
131	4	0.03	-4.35e-03	-0.37	-2.11e-05	1.35e-04	7.96e-05
131	123	0.04	-4.59e-03	-0.28	-5.16e-06	1.16e-04	4.48e-05
131	128	0.04	9.51e-04	-0.28	-1.52e-05	1.13e-04	5.13e-05
131	137	0.01	-0.01	-0.27	6.82e-06	7.87e-05	4.95e-05
131	155	0.03	-4.30e-03	-0.28	-6.50e-06	1.08e-04	4.77e-05
131	160	0.03	-1.57e-05	-0.28	-1.43e-05	1.06e-04	5.27e-05
131	169	0.01	-0.01	-0.27	2.77e-06	7.94e-05	5.13e-05
132	4	0.03	-0.03	-0.32	1.07e-04	3.34e-04	4.08e-06
132	11	0.03	-0.03	-0.32	1.05e-04	3.26e-04	2.78e-06
132	123	0.04	-0.02	-0.23	6.32e-05	2.50e-04	9.30e-06
132	126	-2.68e-03	-0.02	-0.25	9.17e-05	2.11e-04	-7.77e-06
132	141	0.01	-0.03	-0.24	8.70e-05	2.25e-04	-1.63e-06
132	155	0.03	-0.02	-0.23	6.65e-05	2.46e-04	7.40e-06
132	158	1.94e-03	-0.02	-0.25	8.86e-05	2.16e-04	-5.81e-06
132	173	0.01	-0.03	-0.24	8.49e-05	2.26e-04	-1.06e-06
133	1	0.02	-7.33e-03	-0.30	-3.40e-06	5.44e-05	-3.22e-05
133	4	0.02	-7.09e-03	-0.31	-5.11e-06	8.18e-05	-3.31e-05
133	117	1.50e-03	-7.86e-03	-0.23	0.0	1.59e-05	-3.54e-05
133	120	0.02	-3.45e-03	-0.22	-4.18e-06	6.69e-05	-1.42e-05
133	137	7.83e-03	-0.01	-0.23	-1.88e-06	3.02e-05	-2.91e-05
133	149	3.90e-03	-7.37e-03	-0.23	-1.36e-06	2.17e-05	-3.30e-05
133	152	0.02	-3.95e-03	-0.22	-3.82e-06	6.11e-05	-1.66e-05
133	169	8.79e-03	-9.99e-03	-0.23	-2.04e-06	3.27e-05	-2.81e-05
134	4	-2.12e-03	1.82e-03	-0.37	8.70e-05	1.25e-04	-4.82e-06
134	9	-2.02e-03	1.85e-03	-0.35	8.75e-05	9.67e-05	-4.44e-06
134	113	-6.04e-03	3.00e-04	-0.27	6.84e-05	6.75e-06	-7.07e-06
134	137	-3.05e-03	-2.82e-03	-0.27	7.31e-05	4.69e-05	-4.71e-06
134	140	-2.38e-05	5.63e-03	-0.26	6.15e-05	9.84e-05	-2.09e-06
134	145	-5.02e-03	5.51e-04	-0.27	6.82e-05	2.17e-05	-6.24e-06
134	169	-2.70e-03	-1.86e-03	-0.27	7.18e-05	5.27e-05	-4.41e-06
134	172	-3.66e-04	4.68e-03	-0.26	6.29e-05	9.26e-05	-2.39e-06
135	4	-2.05e-03	1.03e-03	-0.42	5.75e-05	9.03e-05	-1.28e-06
135	9	-1.90e-03	1.30e-03	-0.40	5.73e-05	6.99e-05	-1.03e-06
135	113	-6.44e-03	-7.80e-04	-0.29	5.34e-05	-3.15e-05	-2.35e-06
135	119	3.36e-03	4.14e-04	-0.32	4.12e-05	1.32e-04	1.35e-06
135	140	1.51e-04	5.41e-03	-0.31	3.05e-05	8.89e-05	-1.76e-06
135	145	-5.31e-03	-3.83e-04	-0.29	5.13e-05	-1.23e-05	-2.03e-06
135	151	2.27e-03	5.41e-04	-0.32	4.19e-05	1.14e-04	0.0
135	172	-2.14e-04	4.40e-03	-0.31	3.36e-05	8.08e-05	-1.58e-06
136	4	-1.11e-03	9.29e-04	-0.42	2.28e-05	8.40e-05	-1.46e-05
136	9	-1.12e-03	1.21e-03	-0.39	2.45e-05	5.97e-05	-1.35e-05
136	113	-5.25e-03	-9.66e-04	-0.28	1.96e-05	-3.56e-05	-1.42e-05
136	119	3.31e-03	4.70e-04	-0.32	2.48e-05	1.23e-04	-5.86e-06
136	140	6.61e-04	5.40e-03	-0.30	9.77e-06	7.38e-05	-1.00e-05
136	145	-4.26e-03	-5.40e-04	-0.28	1.95e-05	-1.73e-05	-1.33e-05
136	151	2.36e-03	5.70e-04	-0.31	2.35e-05	1.05e-04	-6.88e-06
136	172	3.18e-04	4.38e-03	-0.30	1.19e-05	6.72e-05	-1.01e-05
137	1	0.04	-4.54e-03	-0.37	7.69e-05	1.13e-04	-9.77e-05

137	4	0.05	-4.47e-03	-0.39	7.74e-05	1.40e-04	-1.09e-04
137	120	0.07	4.85e-04	-0.28	5.50e-05	1.81e-04	-7.46e-05
137	137	0.02	-0.01	-0.29	6.80e-05	5.01e-05	-7.36e-05
137	152	0.06	-4.20e-04	-0.28	5.60e-05	1.59e-04	-7.47e-05
137	169	0.02	-0.01	-0.29	6.60e-05	5.84e-05	-7.40e-05
138	1	0.05	-4.33e-03	-0.36	4.32e-05	1.14e-04	6.33e-05
138	4	0.05	-4.26e-03	-0.38	4.07e-05	1.43e-04	7.12e-05
138	116	0.07	2.48e-04	-0.28	3.14e-05	1.83e-04	6.38e-05
138	137	0.02	-0.01	-0.28	4.02e-05	5.20e-05	4.71e-05
138	148	0.06	-5.67e-04	-0.28	3.18e-05	1.61e-04	6.04e-05
138	169	0.02	-0.01	-0.28	3.87e-05	6.02e-05	4.75e-05
139	3	0.05	-0.01	-0.42	7.12e-05	8.33e-05	-8.02e-06
139	4	0.05	-0.01	-0.42	7.13e-05	8.37e-05	-7.96e-06
139	119	0.07	-9.93e-03	-0.32	5.34e-05	1.38e-04	-2.76e-06
139	120	0.07	-5.19e-03	-0.32	4.67e-05	1.44e-04	-5.16e-06
139	137	0.02	-0.02	-0.30	6.64e-05	1.03e-05	-2.60e-06
139	151	0.06	-9.71e-03	-0.32	5.36e-05	1.18e-04	-3.49e-06
139	152	0.06	-6.05e-03	-0.32	4.84e-05	1.23e-04	-5.35e-06
139	169	0.02	-0.02	-0.30	6.36e-05	1.91e-05	-3.37e-06
140	3	0.06	-0.01	-0.41	1.76e-05	8.68e-05	-3.64e-05
140	4	0.06	-0.01	-0.42	1.74e-05	8.74e-05	-3.64e-05
140	116	0.07	-5.36e-03	-0.32	1.26e-05	1.41e-04	-2.45e-05
140	119	0.07	-9.74e-03	-0.32	1.81e-05	1.37e-04	-2.23e-05
140	137	0.02	-0.02	-0.29	2.54e-05	1.44e-05	-2.35e-05
140	148	0.06	-6.16e-03	-0.31	1.33e-05	1.20e-04	-2.49e-05
140	151	0.06	-9.54e-03	-0.31	1.75e-05	1.17e-04	-2.32e-05
140	169	0.03	-0.02	-0.29	2.31e-05	2.21e-05	-2.41e-05
141	4	1.24e-04	4.09e-04	-0.29	-3.88e-05	5.36e-06	-4.22e-06
141	5	7.91e-04	4.50e-04	-0.21	-2.70e-05	-2.06e-05	-3.95e-06
141	9	6.71e-04	5.51e-04	-0.28	-3.70e-05	-1.20e-05	-4.84e-06
141	123	3.20e-03	-9.44e-04	-0.21	-2.90e-05	-3.41e-06	-2.78e-06
141	126	-2.09e-03	1.98e-03	-0.21	-2.73e-05	-1.97e-05	-4.79e-06
141	138	-3.50e-04	4.43e-03	-0.21	-3.08e-05	-1.20e-05	-3.74e-06
141	155	2.60e-03	-6.39e-04	-0.21	-2.87e-05	-5.25e-06	-2.99e-06
141	158	-1.49e-03	1.62e-03	-0.21	-2.75e-05	-1.78e-05	-4.54e-06
141	170	-1.49e-04	3.52e-03	-0.21	-3.02e-05	-1.19e-05	-3.73e-06
142	3	3.24e-04	1.56e-03	-0.37	-2.37e-06	-5.64e-05	1.13e-05
142	4	3.20e-04	1.56e-03	-0.37	-2.82e-06	-5.58e-05	1.13e-05
142	9	2.60e-04	1.62e-03	-0.36	2.77e-06	-7.32e-05	1.03e-05
142	116	5.71e-03	2.32e-03	-0.27	-1.74e-06	-3.60e-05	1.02e-05
142	137	-1.67e-03	-2.94e-03	-0.28	9.54e-06	-6.90e-05	7.37e-06
142	142	-6.21e-04	5.42e-03	-0.27	-2.02e-06	-5.55e-05	7.45e-06
142	148	4.46e-03	2.07e-03	-0.27	0.0	-4.08e-05	9.71e-06
142	169	-1.24e-03	-2.00e-03	-0.28	8.05e-06	-6.63e-05	7.49e-06
142	174	-4.32e-04	4.48e-03	-0.27	0.0	-5.59e-05	7.55e-06
143	3	6.19e-05	-3.10e-04	-0.31	1.47e-04	-7.78e-05	5.29e-06
143	4	5.69e-05	-2.99e-04	-0.31	1.48e-04	-7.66e-05	5.28e-06
143	5	2.95e-04	1.35e-04	-0.23	1.10e-04	-8.09e-05	2.94e-06
143	116	3.72e-03	-5.74e-04	-0.23	1.06e-04	-6.30e-05	7.21e-06
143	117	-3.26e-03	2.87e-04	-0.24	1.17e-04	-8.28e-05	0.0
143	138	-6.97e-04	4.29e-03	-0.23	1.08e-04	-7.43e-05	2.17e-06
143	148	2.92e-03	-4.43e-04	-0.23	1.07e-04	-6.52e-05	6.33e-06
143	149	-2.48e-03	2.23e-04	-0.24	1.15e-04	-8.05e-05	0.0
143	170	-4.93e-04	3.32e-03	-0.23	1.08e-04	-7.40e-05	2.44e-06
144	4	-2.03e-03	1.62e-03	-0.37	8.03e-06	1.05e-04	7.15e-06
144	9	-1.91e-03	1.67e-03	-0.36	1.27e-05	8.02e-05	6.77e-06
144	113	-6.55e-03	1.66e-04	-0.27	1.38e-05	-5.53e-06	2.83e-06
144	137	-3.19e-03	-2.95e-03	-0.28	1.71e-05	3.48e-05	4.19e-06
144	140	2.85e-04	5.51e-03	-0.27	3.93e-06	8.57e-05	6.15e-06
144	145	-5.39e-03	4.17e-04	-0.27	1.31e-05	9.36e-06	3.36e-06
144	169	-2.79e-03	-1.99e-03	-0.28	1.56e-05	4.06e-05	4.41e-06
144	172	-1.08e-04	4.55e-03	-0.27	5.42e-06	7.99e-05	5.93e-06
145	1	0.03	-4.63e-03	-0.36	-4.95e-05	1.57e-04	-1.83e-05
145	4	0.04	-3.67e-03	-0.38	-2.45e-05	2.14e-04	0.0
145	123	0.05	-5.34e-03	-0.28	-5.53e-05	1.66e-04	1.92e-06
145	137	0.01	-0.02	-0.27	-4.59e-05	1.16e-04	-2.67e-05
145	144	0.03	0.01	-0.28	-3.29e-05	1.30e-04	-2.79e-06
145	155	0.04	-4.96e-03	-0.28	-5.16e-05	1.56e-04	-1.83e-06
145	169	0.02	-0.01	-0.27	-4.43e-05	1.17e-04	-2.40e-05
145	176	0.02	6.94e-03	-0.28	-3.42e-05	1.28e-04	-5.47e-06
146	4	0.02	2.25e-03	-0.43	-1.02e-04	9.78e-05	6.45e-05
146	116	0.05	0.02	-0.31	-1.44e-04	1.12e-04	3.87e-05
146	130	4.37e-03	0.05	-0.31	-3.01e-04	5.65e-05	8.35e-06
146	131	0.02	-0.05	-0.31	1.48e-04	8.07e-05	8.82e-05
146	148	0.04	0.01	-0.31	-1.29e-04	1.02e-04	4.09e-05
146	162	6.11e-03	0.04	-0.31	-2.50e-04	5.92e-05	1.74e-05
146	163	0.02	-0.04	-0.31	9.72e-05	7.79e-05	7.91e-05

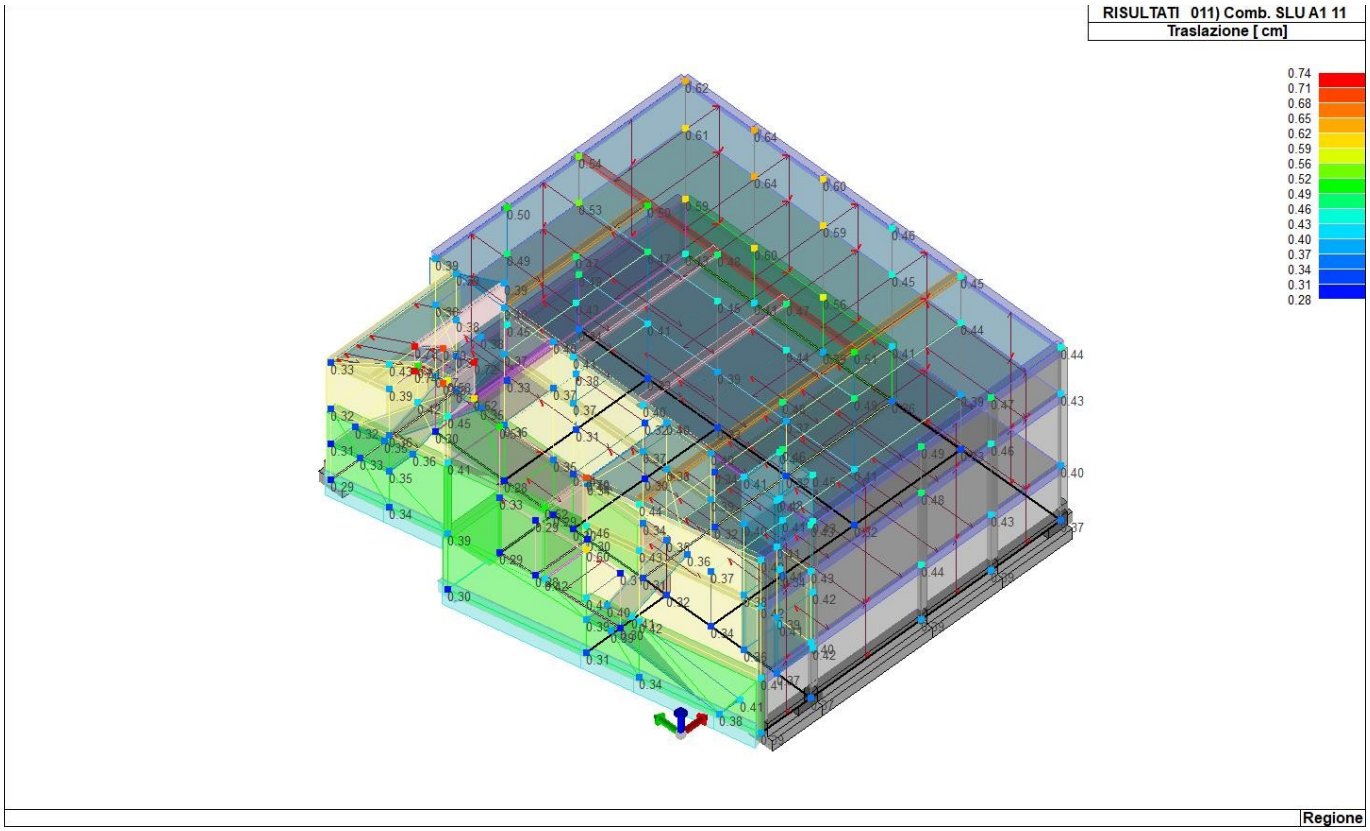
147	4	0.06	0.04	-0.47	-1.20e-04	3.92e-05	1.17e-04
147	116	0.12	0.08	-0.33	-1.50e-04	6.20e-05	9.15e-05
147	131	0.05	-0.12	-0.33	1.07e-04	3.91e-05	1.26e-04
147	136	0.06	0.19	-0.33	-2.88e-04	3.46e-05	5.89e-05
147	148	0.10	0.07	-0.33	-1.36e-04	5.43e-05	9.10e-05
147	163	0.05	-0.09	-0.33	6.20e-05	3.66e-05	1.18e-04
147	168	0.05	0.15	-0.33	-2.43e-04	3.32e-05	6.58e-05
148	4	0.05	0.07	-0.47	-6.75e-05	-4.22e-05	1.38e-04
148	120	0.13	0.09	-0.34	-7.26e-05	-7.68e-06	9.77e-05
148	131	0.05	-0.15	-0.34	7.08e-05	-1.53e-05	1.68e-04
148	136	0.06	0.25	-0.33	-1.67e-04	-2.25e-05	5.05e-05
148	152	0.11	0.08	-0.33	-6.70e-05	-1.11e-05	9.95e-05
148	163	0.05	-0.10	-0.34	4.38e-05	-1.70e-05	1.54e-04
148	168	0.05	0.20	-0.33	-1.40e-04	-2.26e-05	6.29e-05
149	3	9.45e-04	1.71e-04	-0.39	1.17e-04	-5.54e-05	-3.53e-06
149	4	9.45e-04	1.68e-04	-0.39	1.17e-04	-5.63e-05	-3.54e-06
149	116	5.98e-03	1.17e-03	-0.28	8.68e-05	-2.96e-05	-1.75e-06
149	130	-3.02e-04	3.68e-03	-0.28	7.13e-05	-3.68e-05	0.0
149	131	1.49e-03	-3.42e-03	-0.28	1.09e-04	-2.84e-05	-4.80e-06
149	148	4.76e-03	9.36e-04	-0.28	8.75e-05	-3.03e-05	-1.93e-06
149	162	-9.89e-05	2.87e-03	-0.28	7.55e-05	-3.58e-05	0.0
149	163	1.29e-03	-2.61e-03	-0.28	1.04e-04	-2.94e-05	-4.29e-06
150	3	0.02	-0.01	-0.45	1.60e-05	-3.66e-04	3.19e-05
150	4	0.02	-0.01	-0.45	1.58e-05	-3.66e-04	3.20e-05
150	116	0.05	1.83e-03	-0.32	-4.29e-05	-2.01e-04	3.88e-05
150	131	0.02	-0.06	-0.32	2.09e-04	-2.46e-04	-3.33e-05
150	139	0.02	-0.05	-0.32	1.76e-04	-2.47e-04	-1.60e-05
150	148	0.04	-1.18e-03	-0.32	-3.05e-05	-2.13e-04	3.51e-05
150	163	0.02	-0.05	-0.32	1.65e-04	-2.49e-04	-2.07e-05
150	171	0.02	-0.04	-0.32	1.39e-04	-2.49e-04	-7.29e-06
151	1	0.04	-0.01	-0.45	-2.91e-05	-3.03e-04	1.32e-04
151	4	0.06	-0.01	-0.49	-3.11e-05	-3.35e-04	1.38e-04
151	116	0.12	0.03	-0.34	-6.61e-05	-1.96e-04	1.50e-04
151	131	0.05	-0.14	-0.35	1.46e-04	-2.27e-04	-5.46e-05
151	139	0.05	-0.12	-0.35	1.11e-04	-2.29e-04	-9.58e-06
151	148	0.10	0.02	-0.34	-5.62e-05	-2.05e-04	1.39e-04
151	163	0.05	-0.11	-0.35	1.08e-04	-2.29e-04	-1.92e-05
151	171	0.05	-0.10	-0.35	8.05e-05	-2.30e-04	1.56e-05
152	1	0.04	-2.89e-03	-0.45	-4.12e-05	-1.27e-04	1.59e-04
152	4	0.05	-1.84e-03	-0.49	-4.52e-05	-1.20e-04	1.64e-04
152	120	0.13	0.03	-0.35	-5.15e-05	-7.47e-05	1.70e-04
152	131	0.05	-0.17	-0.35	8.43e-05	-8.93e-05	-7.08e-05
152	139	0.05	-0.14	-0.35	5.56e-05	-9.06e-05	-1.43e-05
152	152	0.11	0.03	-0.35	-4.70e-05	-7.86e-05	1.59e-04
152	163	0.05	-0.13	-0.35	5.80e-05	-8.99e-05	-2.71e-05
152	171	0.05	-0.11	-0.35	3.58e-05	-9.09e-05	1.66e-05
153	3	7.93e-04	1.93e-03	-0.39	6.82e-05	7.12e-05	-4.62e-06
153	4	7.91e-04	1.93e-03	-0.39	6.80e-05	7.16e-05	-4.63e-06
153	116	5.92e-03	2.48e-03	-0.28	4.86e-05	4.64e-05	-4.13e-06
153	132	2.72e-03	4.52e-03	-0.28	3.51e-05	4.87e-05	-3.73e-06
153	139	1.77e-03	-1.40e-03	-0.28	7.04e-05	4.33e-05	-1.88e-06
153	148	4.70e-03	2.24e-03	-0.28	4.99e-05	4.65e-05	-3.97e-06
153	164	2.22e-03	3.81e-03	-0.28	3.94e-05	4.83e-05	-3.65e-06
153	171	1.48e-03	-7.67e-04	-0.28	6.67e-05	4.41e-05	-2.23e-06
154	1	0.04	0.02	-0.56	-1.30e-04	9.91e-05	5.37e-05
154	4	0.05	0.02	-0.61	-1.39e-04	1.17e-04	5.55e-05
154	127	0.08	0.01	-0.43	-3.35e-05	2.55e-04	1.20e-04
154	132	0.04	0.03	-0.43	-5.11e-04	1.09e-04	6.85e-05
154	136	0.04	0.03	-0.43	-5.10e-04	1.19e-04	7.05e-05
154	159	0.07	0.02	-0.43	-4.83e-05	2.14e-04	1.02e-04
154	164	0.04	0.02	-0.43	-4.17e-04	1.02e-04	6.23e-05
154	168	0.04	0.02	-0.43	-4.17e-04	1.09e-04	6.39e-05
155	4	0.03	-2.01e-03	-0.45	-4.45e-06	1.76e-04	4.59e-05
155	123	0.02	-6.03e-03	-0.33	1.69e-05	1.20e-04	1.97e-05
155	128	0.02	8.99e-03	-0.33	-3.35e-05	1.19e-04	4.23e-05
155	132	0.02	0.03	-0.33	-9.78e-05	1.18e-04	7.63e-05
155	155	0.02	-4.64e-03	-0.33	1.09e-05	1.20e-04	2.32e-05
155	160	0.02	6.99e-03	-0.33	-2.80e-05	1.19e-04	4.06e-05
155	164	0.02	0.02	-0.33	-7.78e-05	1.18e-04	6.69e-05
156	4	0.04	0.04	-0.56	-2.52e-05	1.15e-04	-2.64e-05
156	127	0.08	0.03	-0.40	3.48e-05	3.01e-04	-5.49e-05
156	132	0.04	0.04	-0.40	-4.37e-04	1.34e-04	-1.72e-05
156	159	0.07	0.03	-0.40	2.05e-05	2.51e-04	-4.64e-05
156	164	0.04	0.04	-0.40	-3.45e-04	1.21e-04	-1.73e-05
157	4	-3.25e-03	-1.63e-04	-0.33	-6.25e-05	5.81e-05	0.0
157	5	-2.02e-03	-3.38e-04	-0.23	-7.08e-05	3.21e-05	0.0
157	122	-5.30e-03	6.70e-04	-0.24	-6.25e-05	3.93e-05	0.0

157	137	-2.72e-03	-3.50e-03	-0.24	-5.40e-05	3.85e-05	1.73e-06
157	144	-1.41e-03	2.94e-03	-0.25	-7.12e-05	3.47e-05	-1.66e-06
157	154	-4.60e-03	4.59e-04	-0.24	-6.25e-05	3.87e-05	0.0
157	169	-2.60e-03	-2.76e-03	-0.24	-5.59e-05	3.81e-05	1.34e-06
157	176	-1.59e-03	2.22e-03	-0.25	-6.93e-05	3.51e-05	-1.27e-06
158	1	0.04	5.96e-03	-0.46	2.31e-06	6.38e-05	3.63e-05
158	4	0.05	2.75e-03	-0.50	1.61e-05	8.47e-05	2.52e-05
158	123	0.07	-0.02	-0.36	3.11e-05	4.91e-05	-7.68e-06
158	128	0.06	0.02	-0.36	-1.31e-05	4.84e-05	8.20e-05
158	134	0.01	0.08	-0.36	-7.73e-05	4.92e-05	1.87e-04
158	155	0.06	-0.02	-0.36	2.46e-05	4.91e-05	0.0
158	160	0.06	0.02	-0.36	-9.64e-06	4.86e-05	6.97e-05
158	166	0.02	0.07	-0.36	-5.94e-05	4.92e-05	1.51e-04
159	4	0.07	0.07	-0.59	-1.80e-04	3.04e-05	5.38e-06
159	9	0.06	0.07	-0.55	-1.70e-04	8.52e-06	7.49e-06
159	127	0.20	0.03	-0.42	-1.21e-04	2.39e-04	-2.18e-05
159	132	0.09	0.19	-0.42	-1.80e-04	7.06e-05	1.99e-05
159	159	0.17	0.04	-0.42	-1.23e-04	1.87e-04	-1.57e-05
159	164	0.08	0.16	-0.42	-1.68e-04	5.64e-05	1.66e-05
160	4	0.08	-4.62e-03	-0.50	5.31e-05	1.62e-04	-9.25e-06
160	123	0.09	-0.03	-0.36	4.50e-05	1.03e-04	-3.17e-05
160	128	0.08	0.02	-0.37	2.25e-05	1.03e-04	6.64e-05
160	134	0.02	0.09	-0.36	-7.04e-06	1.11e-04	1.86e-04
160	155	0.08	-0.02	-0.36	4.23e-05	1.05e-04	-2.21e-05
160	160	0.08	0.02	-0.36	2.49e-05	1.04e-04	5.38e-05
160	166	0.03	0.07	-0.36	2.00e-06	1.11e-04	1.47e-04
161	4	0.07	0.07	-0.64	-8.87e-05	-2.30e-05	1.20e-05
161	9	0.06	0.07	-0.59	-9.15e-05	-4.47e-05	1.89e-05
161	127	0.17	0.03	-0.45	-6.67e-05	1.21e-04	1.99e-04
161	132	0.07	0.19	-0.45	-1.21e-04	-2.10e-06	7.52e-05
161	136	0.08	0.19	-0.45	-1.21e-04	3.55e-06	7.87e-05
161	159	0.14	0.04	-0.45	-6.82e-05	8.56e-05	1.57e-04
161	164	0.06	0.16	-0.45	-1.10e-04	-9.32e-06	6.16e-05
161	168	0.07	0.16	-0.45	-1.10e-04	-4.95e-06	6.43e-05
162	3	0.19	0.03	-0.42	-8.76e-06	4.14e-05	-3.58e-04
162	4	0.19	0.03	-0.43	-9.07e-06	4.29e-05	-3.57e-04
162	116	0.23	0.04	-0.31	-2.34e-05	1.11e-04	-2.43e-04
162	117	2.63e-03	-8.96e-03	-0.32	1.73e-05	-8.18e-05	-2.21e-04
162	120	0.23	0.04	-0.31	-2.34e-05	1.11e-04	-2.44e-04
162	148	0.20	0.03	-0.31	-1.88e-05	8.89e-05	-2.41e-04
162	149	0.03	-3.28e-03	-0.32	1.27e-05	-6.00e-05	-2.24e-04
162	152	0.20	0.04	-0.31	-1.88e-05	8.90e-05	-2.41e-04
163	3	0.08	0.09	-0.60	-2.20e-04	3.37e-06	0.0
163	4	0.08	0.09	-0.60	-2.21e-04	1.82e-06	0.0
163	9	0.06	0.09	-0.56	-2.07e-04	-2.15e-05	0.0
163	127	0.26	0.05	-0.42	-1.53e-04	1.67e-04	0.0
163	132	0.10	0.22	-0.42	-1.79e-04	3.84e-05	3.03e-05
163	159	0.21	0.05	-0.42	-1.54e-04	1.26e-04	0.0
163	164	0.09	0.19	-0.42	-1.74e-04	2.69e-05	2.37e-05
164	1	0.06	0.09	-0.59	-3.86e-05	2.92e-05	2.07e-06
164	4	0.08	0.09	-0.64	-2.19e-05	4.83e-05	-5.59e-06
164	127	0.20	0.04	-0.46	-2.62e-05	1.36e-04	2.48e-04
164	132	0.08	0.22	-0.46	-5.44e-05	4.93e-05	8.25e-05
164	136	0.08	0.22	-0.46	-5.46e-05	5.21e-05	8.66e-05
164	159	0.17	0.05	-0.46	-2.69e-05	1.11e-04	1.93e-04
164	164	0.07	0.18	-0.46	-4.87e-05	4.34e-05	6.42e-05
164	168	0.08	0.18	-0.46	-4.89e-05	4.55e-05	6.74e-05
165	3	-6.38e-04	-1.86e-03	-0.38	9.58e-05	-5.46e-05	1.86e-06
165	4	-6.41e-04	-1.84e-03	-0.38	9.62e-05	-5.38e-05	1.86e-06
165	113	-5.13e-03	-7.39e-04	-0.29	8.48e-05	-8.46e-05	-2.14e-06
165	117	-5.05e-03	-1.03e-03	-0.29	8.54e-05	-8.50e-05	-2.08e-06
165	139	8.37e-04	-5.45e-03	-0.29	7.76e-05	-5.14e-05	1.23e-06
165	145	-4.05e-03	-8.26e-04	-0.29	8.20e-05	-7.80e-05	-1.47e-06
165	149	-3.99e-03	-1.05e-03	-0.29	8.25e-05	-7.83e-05	-1.43e-06
165	171	5.63e-04	-4.47e-03	-0.29	7.64e-05	-5.23e-05	1.13e-06
166	4	3.66e-03	-0.01	-0.42	-3.27e-04	2.82e-04	1.40e-04
166	117	-0.03	-0.01	-0.32	-1.93e-04	6.90e-05	7.01e-05
166	120	0.03	-4.32e-03	-0.31	-2.62e-04	2.68e-04	1.34e-04
166	137	-0.01	-0.02	-0.31	-2.09e-04	1.29e-04	8.79e-05
166	149	-0.02	-0.01	-0.32	-2.01e-04	9.16e-05	7.74e-05
166	152	0.02	-5.36e-03	-0.31	-2.55e-04	2.46e-04	1.27e-04
166	169	-8.41e-03	-0.02	-0.31	-2.13e-04	1.38e-04	9.11e-05
167	1	-5.19e-03	0.02	-0.57	5.15e-04	1.14e-03	-1.31e-05
167	4	-3.08e-03	0.02	-0.61	5.72e-04	1.31e-03	-2.20e-05
167	116	0.02	0.02	-0.46	4.37e-04	9.93e-04	-1.76e-05
167	117	-0.03	8.52e-03	-0.42	3.60e-04	7.75e-04	-2.85e-06
167	140	7.30e-03	0.02	-0.44	4.07e-04	9.22e-04	-1.60e-05

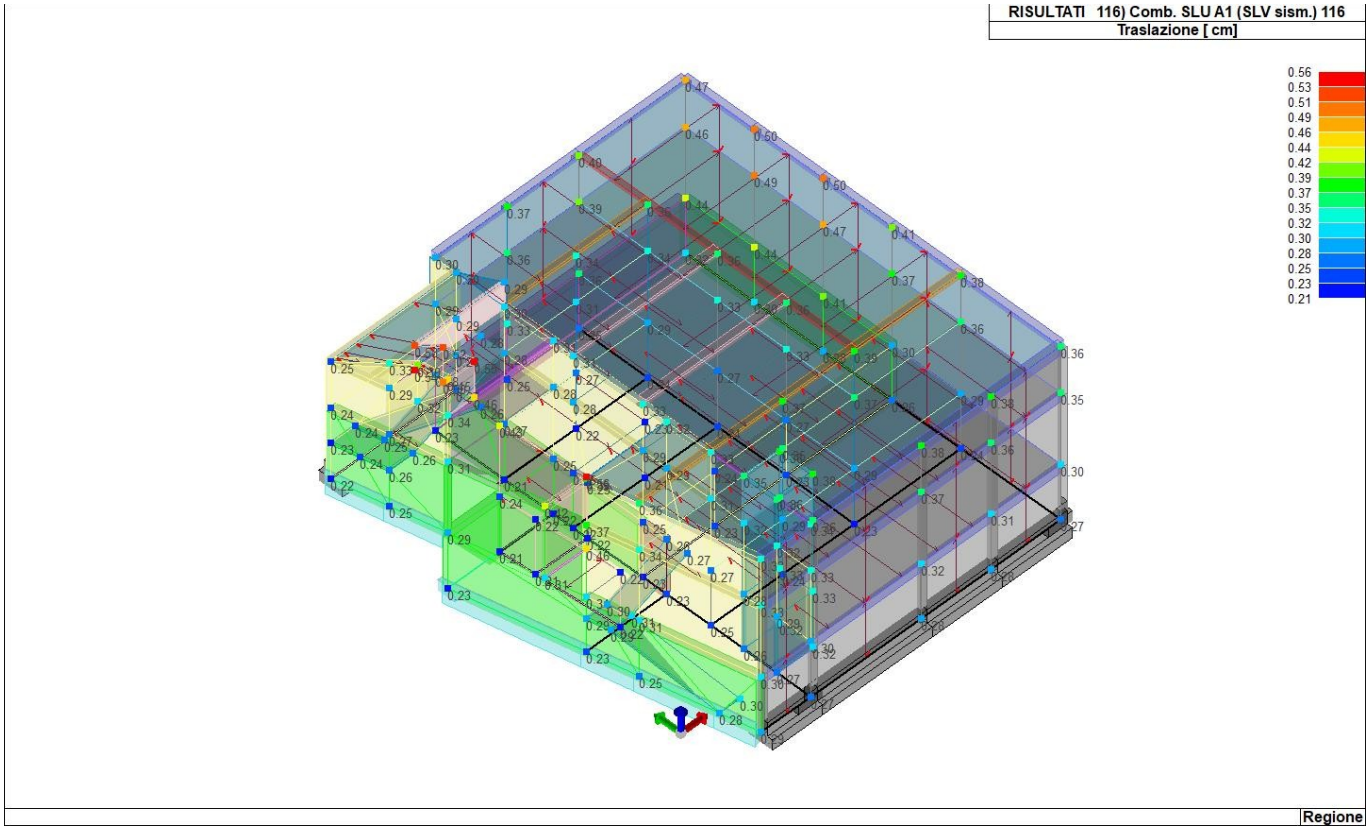
167	148	0.02	0.02	-0.45	4.28e-04	9.68e-04	-1.60e-05
167	149	-0.02	9.68e-03	-0.42	3.68e-04	8.00e-04	-4.59e-06
167	172	4.75e-03	0.02	-0.44	4.05e-04	9.13e-04	-1.48e-05
168	3	0.30	0.03	-0.44	-3.37e-04	4.40e-04	-2.71e-04
168	4	0.30	0.03	-0.44	-3.37e-04	4.40e-04	-2.70e-04
168	117	0.12	5.15e-03	-0.33	-1.88e-04	1.57e-04	-2.09e-04
168	120	0.27	0.04	-0.32	-2.72e-04	3.76e-04	-1.27e-04
168	149	0.13	8.62e-03	-0.33	-1.98e-04	1.82e-04	-2.00e-04
168	152	0.25	0.03	-0.32	-2.63e-04	3.51e-04	-1.36e-04
169	3	0.31	-0.19	-0.62	6.33e-04	1.26e-03	-8.73e-04
169	4	0.31	-0.19	-0.62	6.33e-04	1.26e-03	-8.72e-04
169	116	0.27	-0.15	-0.46	4.79e-04	9.60e-04	-7.37e-04
169	120	0.27	-0.14	-0.46	4.78e-04	9.60e-04	-7.38e-04
169	127	0.26	-0.15	-0.46	4.79e-04	9.48e-04	-7.20e-04
169	148	0.25	-0.14	-0.46	4.70e-04	9.35e-04	-7.05e-04
169	152	0.25	-0.14	-0.46	4.69e-04	9.35e-04	-7.06e-04
169	159	0.25	-0.15	-0.46	4.70e-04	9.26e-04	-6.92e-04
170	3	0.34	-0.19	-0.35	-7.90e-05	8.88e-04	7.76e-05
170	4	0.34	-0.19	-0.35	-7.90e-05	8.87e-04	7.67e-05
170	119	0.31	-0.14	-0.26	-7.19e-05	8.07e-04	1.04e-05
170	128	0.32	-0.14	-0.26	-7.38e-05	8.29e-04	-1.73e-05
170	142	0.19	-0.12	-0.26	-4.76e-05	5.34e-04	7.34e-05
170	151	0.29	-0.14	-0.26	-6.73e-05	7.56e-04	2.08e-05
170	160	0.30	-0.13	-0.26	-6.88e-05	7.73e-04	0.0
170	174	0.20	-0.12	-0.26	-4.85e-05	5.45e-04	6.95e-05
171	3	0.40	-0.07	-0.41	9.86e-06	1.03e-03	5.33e-04
171	4	0.41	-0.06	-0.41	4.32e-06	1.07e-03	5.48e-04
171	123	0.34	-0.05	-0.30	7.28e-06	8.00e-04	4.04e-04
171	125	0.19	-0.05	-0.32	4.74e-06	6.87e-04	3.44e-04
171	137	0.25	-0.06	-0.31	1.37e-05	7.29e-04	3.48e-04
171	155	0.32	-0.05	-0.30	6.42e-06	7.87e-04	3.98e-04
171	157	0.21	-0.05	-0.31	4.46e-06	7.00e-04	3.52e-04
171	169	0.25	-0.06	-0.31	1.14e-05	7.32e-04	3.55e-04
172	3	0.06	-0.03	-0.71	-4.73e-04	2.84e-04	7.23e-04
172	11	0.05	-0.02	-0.73	-5.19e-04	2.96e-04	7.52e-04
172	123	0.08	-0.02	-0.52	-3.36e-04	2.10e-04	5.71e-04
172	126	-0.03	-0.02	-0.54	-3.77e-04	1.60e-04	4.74e-04
172	137	0.01	-0.04	-0.53	-3.48e-04	1.80e-04	5.14e-04
172	155	0.07	-0.02	-0.53	-3.40e-04	2.05e-04	5.60e-04
172	158	-0.02	-0.02	-0.53	-3.72e-04	1.66e-04	4.85e-04
172	169	0.02	-0.04	-0.53	-3.50e-04	1.81e-04	5.16e-04
173	3	0.17	-0.07	-0.58	-6.77e-04	1.13e-03	1.15e-04
173	4	0.17	-0.07	-0.59	-7.04e-04	1.16e-03	1.16e-04
173	11	0.16	-0.07	-0.59	-7.34e-04	1.19e-03	1.09e-04
173	123	0.16	-0.05	-0.43	-4.94e-04	8.66e-04	9.19e-05
173	137	0.08	-0.07	-0.43	-5.00e-04	7.98e-04	2.77e-05
173	155	0.15	-0.05	-0.43	-4.97e-04	8.54e-04	8.73e-05
173	169	0.09	-0.07	-0.43	-5.02e-04	8.01e-04	3.76e-05
174	4	0.41	0.08	-0.59	-6.99e-04	1.14e-03	1.13e-03
174	9	0.37	0.09	-0.58	-7.38e-04	1.13e-03	1.13e-03
174	11	0.40	0.09	-0.59	-7.30e-04	1.16e-03	1.15e-03
174	123	0.34	0.05	-0.43	-4.88e-04	8.50e-04	8.26e-04
174	140	0.28	0.08	-0.43	-5.14e-04	8.07e-04	8.46e-04
174	155	0.32	0.05	-0.43	-4.92e-04	8.37e-04	8.20e-04
174	172	0.28	0.07	-0.43	-5.12e-04	8.04e-04	8.35e-04
175	3	0.16	-0.08	-0.38	-1.40e-04	6.60e-04	1.62e-04
175	4	0.16	-0.08	-0.38	-1.44e-04	6.81e-04	1.64e-04
175	123	0.15	-0.06	-0.28	-1.10e-04	5.19e-04	1.37e-04
175	126	0.04	-0.05	-0.30	-8.68e-05	4.10e-04	6.55e-05
175	137	0.08	-0.07	-0.29	-9.54e-05	4.51e-04	7.81e-05
175	155	0.14	-0.06	-0.28	-1.07e-04	5.07e-04	1.29e-04
175	158	0.05	-0.05	-0.29	-8.94e-05	4.23e-04	7.36e-05
175	169	0.08	-0.07	-0.29	-9.61e-05	4.54e-04	8.33e-05
176	3	0.14	-0.08	-0.65	-3.18e-04	5.20e-04	2.05e-04
176	4	0.15	-0.08	-0.66	-3.30e-04	5.39e-04	2.09e-04
176	11	0.14	-0.07	-0.66	-3.38e-04	5.49e-04	2.02e-04
176	123	0.14	-0.05	-0.48	-2.36e-04	3.94e-04	1.76e-04
176	126	0.03	-0.06	-0.48	-2.21e-04	3.34e-04	8.50e-05
176	137	0.07	-0.08	-0.48	-2.30e-04	3.52e-04	1.09e-04
176	155	0.13	-0.05	-0.48	-2.35e-04	3.87e-04	1.66e-04
176	158	0.04	-0.06	-0.48	-2.23e-04	3.41e-04	9.52e-05
176	169	0.08	-0.07	-0.48	-2.30e-04	3.55e-04	1.14e-04
177	3	0.33	-0.08	-0.38	-1.64e-04	8.65e-04	3.75e-04
177	4	0.34	-0.08	-0.38	-1.69e-04	8.93e-04	3.85e-04
177	123	0.28	-0.06	-0.28	-1.35e-04	6.74e-04	2.95e-04
177	126	0.15	-0.05	-0.30	-9.56e-05	5.63e-04	2.26e-04
177	137	0.20	-0.07	-0.29	-1.15e-04	6.04e-04	2.34e-04

177	155	0.27	-0.06	-0.28	-1.31e-04	6.61e-04	2.87e-04
177	158	0.16	-0.05	-0.30	-1.00e-04	5.76e-04	2.33e-04
177	169	0.20	-0.07	-0.29	-1.15e-04	6.07e-04	2.40e-04
178	4	0.23	0.04	-0.66	8.51e-06	7.14e-04	1.25e-03
178	9	0.19	0.05	-0.66	1.35e-05	7.06e-04	1.25e-03
178	11	0.22	0.05	-0.66	9.94e-06	7.29e-04	1.27e-03
178	123	0.20	0.03	-0.48	3.95e-06	5.36e-04	9.50e-04
178	126	0.07	0.03	-0.48	1.69e-05	4.44e-04	8.12e-04
178	140	0.15	0.05	-0.48	7.80e-06	5.01e-04	9.08e-04
178	155	0.19	0.03	-0.48	5.42e-06	5.26e-04	9.34e-04
178	158	0.09	0.03	-0.48	1.55e-05	4.54e-04	8.27e-04
178	172	0.15	0.04	-0.48	8.39e-06	4.98e-04	9.02e-04
179	3	0.13	-0.08	-0.70	-6.23e-04	9.85e-04	6.15e-05
179	4	0.13	-0.08	-0.72	-6.50e-04	1.02e-03	5.97e-05
179	11	0.13	-0.08	-0.73	-6.79e-04	1.04e-03	5.10e-05
179	123	0.13	-0.06	-0.52	-4.47e-04	7.33e-04	5.60e-05
179	126	0.03	-0.06	-0.53	-4.86e-04	6.69e-04	9.72e-06
179	137	0.07	-0.08	-0.52	-4.61e-04	6.98e-04	1.65e-06
179	155	0.12	-0.06	-0.52	-4.52e-04	7.25e-04	5.05e-05
179	158	0.04	-0.06	-0.53	-4.82e-04	6.76e-04	1.47e-05
179	169	0.07	-0.07	-0.52	-4.62e-04	6.99e-04	8.50e-06
180	3	0.04	0.02	-0.39	-1.80e-04	0.0	2.91e-04
180	4	0.04	0.02	-0.39	-1.87e-04	0.0	2.95e-04
180	11	0.02	0.02	-0.38	-1.96e-04	0.0	2.95e-04
180	123	0.06	0.01	-0.28	-1.13e-04	0.0	2.09e-04
180	140	0.01	0.04	-0.28	-1.94e-04	0.0	2.38e-04
180	144	0.02	0.04	-0.28	-1.94e-04	0.0	2.38e-04
180	155	0.05	0.01	-0.28	-1.19e-04	0.0	2.10e-04
180	172	0.01	0.03	-0.28	-1.81e-04	0.0	2.32e-04
180	176	0.01	0.03	-0.28	-1.81e-04	0.0	2.32e-04
181	3	0.22	-0.09	-0.36	-1.39e-04	6.40e-04	3.37e-04
181	4	0.23	-0.09	-0.36	-1.44e-04	6.60e-04	3.46e-04
181	11	0.22	-0.08	-0.36	-1.46e-04	6.70e-04	3.45e-04
181	123	0.20	-0.07	-0.26	-1.10e-04	5.06e-04	2.78e-04
181	126	0.08	-0.06	-0.28	-8.70e-05	3.97e-04	1.79e-04
181	137	0.13	-0.08	-0.27	-9.59e-05	4.39e-04	2.05e-04
181	155	0.19	-0.07	-0.26	-1.07e-04	4.93e-04	2.67e-04
181	158	0.10	-0.06	-0.28	-8.96e-05	4.09e-04	1.90e-04
181	169	0.13	-0.07	-0.27	-9.65e-05	4.42e-04	2.10e-04

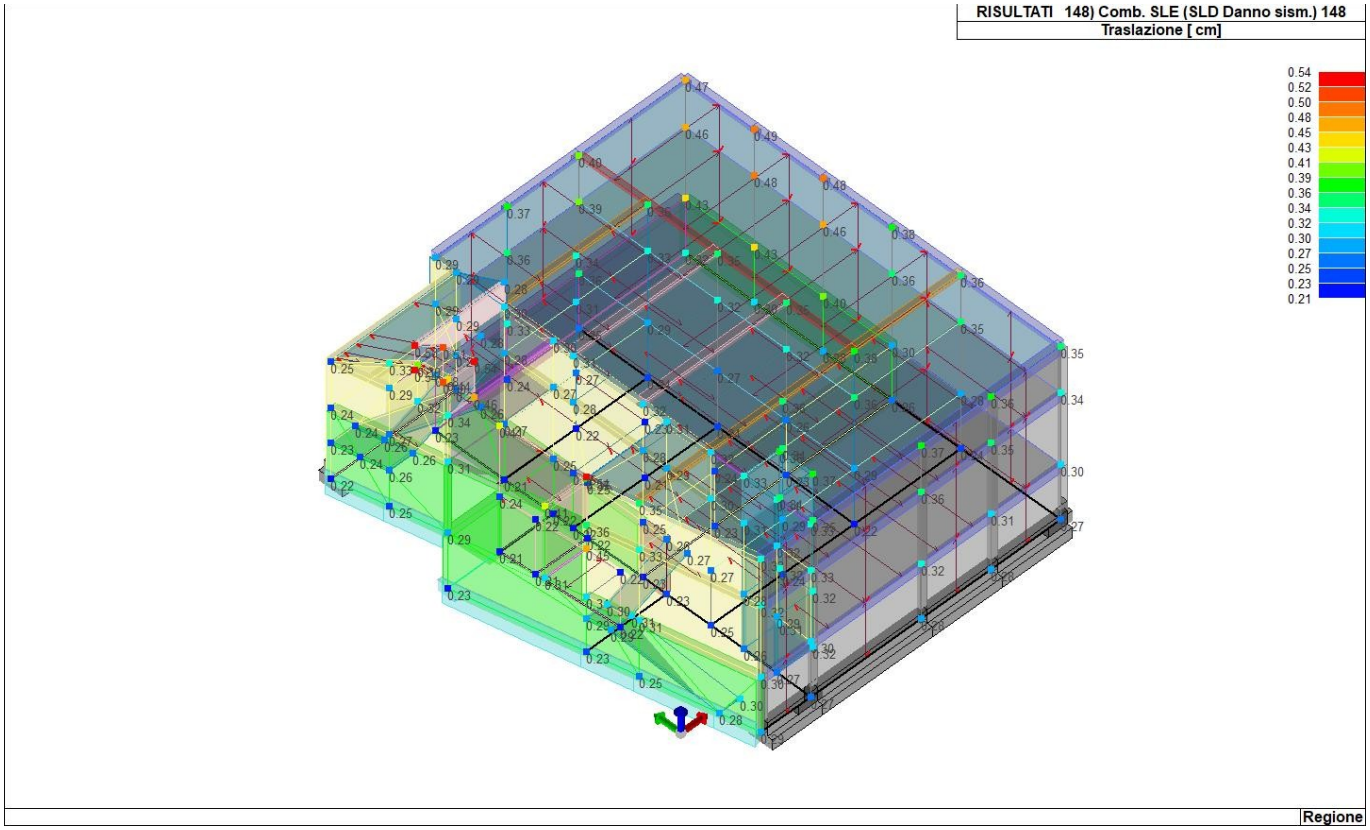
Nodo	**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
	-0.07	-0.19	-0.73	-7.38e-04	-6.70e-04	-8.73e-04
	0.41	0.25	-0.20	6.33e-04	1.31e-03	1.27e-03



41_RIS_SPOSTAMENTI_011_Comb SLU A1 11



41_RIS_SPOSTAMENTI_116_Comb SLU A1 SLV sism 116



41_RIS_SPOSTAMENTI_148_Comb SLE SLD Danno sism 148

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

Nodo	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ

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

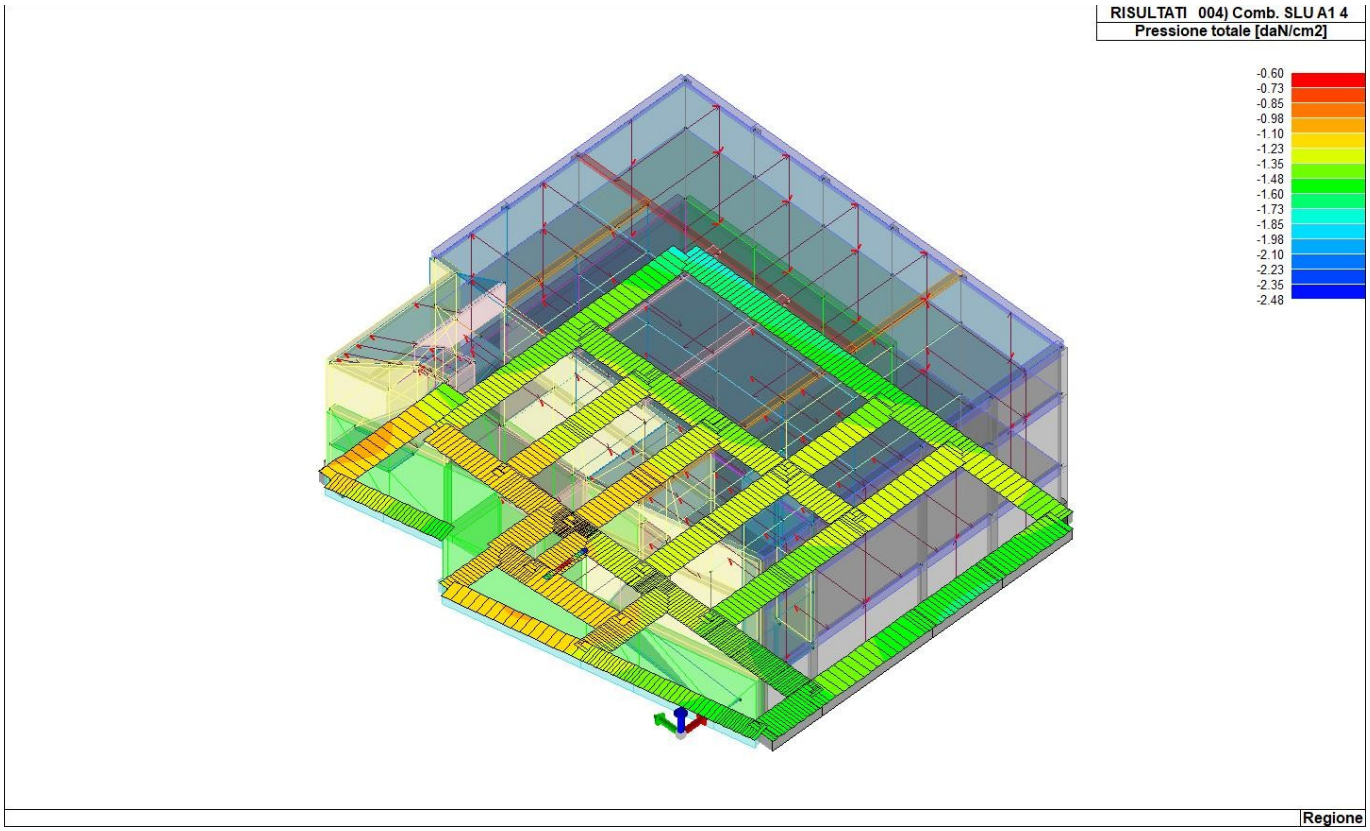
La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

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.

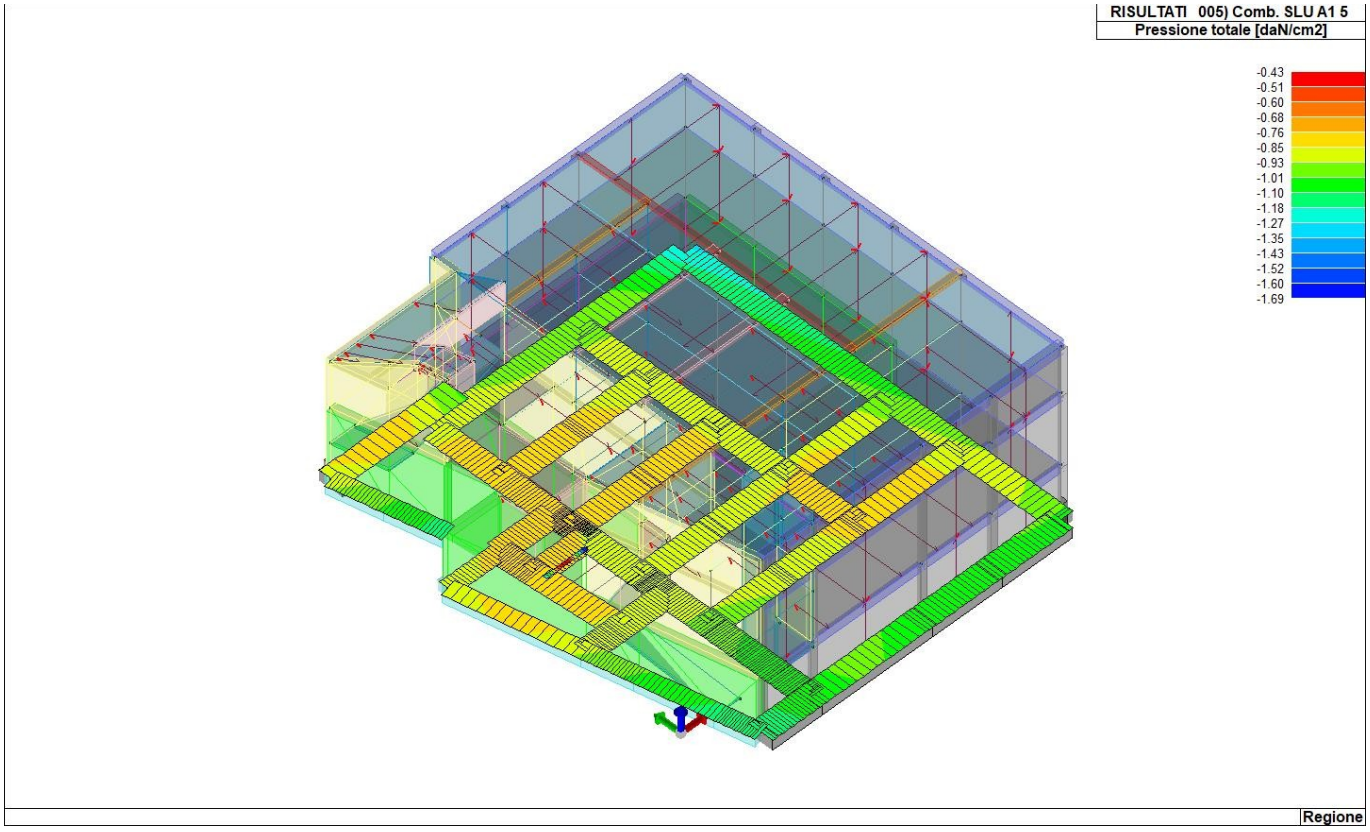
Elem.	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max

		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2
1	4	-1.69	-2.48	-2.48	116	-1.23	-1.85	-1.85	148	-1.24	-1.83	-1.83
2	4	-1.13	-1.23	-1.23	138	-0.84	-0.89	-0.89	170	-0.84	-0.89	-0.89
3	4	-1.24	-1.16	-1.24	126	-0.96	-0.86	-0.96	158	-0.95	-0.86	-0.95
4	4	-1.16	-1.21	-1.21	144	-0.86	-0.88	-0.88	176	-0.86	-0.88	-0.88
8	4	-1.49	-1.39	-1.49	115	-1.10	-1.00	-1.10	147	-1.09	-1.00	-1.09
9	4	-1.39	-1.53	-1.53	115	-1.00	-1.09	-1.09	147	-1.00	-1.09	-1.09
11	4	-1.41	-1.78	-1.78	136	-1.04	-1.33	-1.33	168	-1.03	-1.32	-1.32
13	4	-1.17	-1.23	-1.23	144	-0.85	-0.92	-0.92	176	-0.85	-0.91	-0.91
14	4	-1.21	-1.17	-1.21	144	-0.88	-0.85	-0.88	176	-0.87	-0.85	-0.87
15	4	-1.22	-1.21	-1.22	138	-0.89	-0.87	-0.89	170	-0.89	-0.87	-0.89
16	4	-1.24	-1.22	-1.24	144	-0.90	-0.89	-0.90	176	-0.90	-0.89	-0.90
17	4	-1.27	-1.24	-1.27	117	-0.92	-0.89	-0.92	149	-0.92	-0.89	-0.92
18	4	-1.31	-1.27	-1.31	137	-0.94	-0.92	-0.94	169	-0.94	-0.92	-0.94
19	4	-1.38	-1.31	-1.38	117	-1.01	-0.94	-1.01	149	-1.01	-0.94	-1.01
20	4	-1.50	-1.38	-1.50	119	-1.10	-1.00	-1.10	151	-1.10	-1.00	-1.10
22	4	-1.41	-1.42	-1.42	137	-1.03	-0.98	-1.03	169	-1.03	-0.98	-1.03
23	4	-1.42	-1.32	-1.42	115	-0.99	-0.91	-0.99	147	-0.99	-0.91	-0.99
24	4	-1.32	-1.37	-1.37	115	-0.91	-0.98	-0.98	147	-0.91	-0.98	-0.98
25	4	-1.27	-1.30	-1.30	117	-0.93	-0.91	-0.93	149	-0.92	-0.91	-0.92
26	4	-1.30	-1.33	-1.33	115	-0.92	-0.92	-0.92	147	-0.91	-0.92	-0.92
27	4	-1.33	-1.50	-1.50	115	-0.92	-1.07	-1.07	147	-0.92	-1.07	-1.07
28	4	-1.39	-1.40	-1.40	136	-0.96	-1.02	-1.02	168	-0.96	-1.02	-1.02
29	4	-1.41	-1.39	-1.41	124	-0.97	-0.96	-0.97	156	-0.96	-0.96	-0.96
30	4	-1.32	-1.41	-1.41	124	-0.92	-0.97	-0.97	156	-0.92	-0.96	-0.96
31	4	-1.33	-1.32	-1.33	131	-0.92	-0.91	-0.92	147	-0.92	-0.92	-0.92
32	4	-1.22	-1.37	-1.37	124	-0.86	-0.94	-0.94	156	-0.86	-0.94	-0.94
33	4	-1.23	-1.22	-1.23	144	-0.89	-0.85	-0.89	176	-0.89	-0.85	-0.89
34	4	-1.16	-1.28	-1.28	128	-0.84	-0.90	-0.90	160	-0.84	-0.90	-0.90
35	4	-1.28	-1.37	-1.37	124	-0.90	-0.95	-0.95	156	-0.90	-0.95	-0.95
36	4	-1.23	-1.27	-1.27	117	-0.95	-0.98	-0.98	149	-0.95	-0.97	-0.97
37	4	-1.27	-1.40	-1.40	117	-0.98	-1.08	-1.08	149	-0.97	-1.07	-1.07
38	4	-1.29	-1.24	-1.29	117	-0.99	-0.93	-0.99	149	-0.98	-0.93	-0.98
39	4	-1.24	-1.29	-1.29	137	-0.92	-0.94	-0.94	169	-0.92	-0.94	-0.94
40	4	-1.14	-1.21	-1.21	117	-0.84	-0.91	-0.91	149	-0.84	-0.91	-0.91
41	4	-1.15	-1.14	-1.15	126	-0.86	-0.85	-0.86	158	-0.86	-0.84	-0.86
53	4	-1.21	-1.45	-1.45	128	-0.88	-1.08	-1.08	160	-0.89	-1.08	-1.08
54	11	-1.20	-1.36	-1.36	126	-0.99	-1.09	-1.09	158	-0.97	-1.07	-1.07
55	4	-1.36	-1.55	-1.55	126	-1.09	-1.20	-1.20	158	-1.07	-1.20	-1.20
73	4	-1.53	-1.50	-1.53	139	-1.13	-1.10	-1.13	171	-1.12	-1.09	-1.12
74	4	-1.51	-1.53	-1.53	137	-1.13	-1.12	-1.13	169	-1.13	-1.12	-1.13
129	4	-1.49	-1.59	-1.59	131	-1.11	-1.15	-1.15	163	-1.10	-1.14	-1.14
130	4	-1.59	-1.61	-1.62	131	-1.15	-1.16	-1.16	163	-1.14	-1.16	-1.16
131	4	-1.61	-1.53	-1.61	131	-1.16	-1.13	-1.16	163	-1.16	-1.13	-1.16
165	4	-1.53	-1.65	-1.65	124	-1.09	-1.18	-1.18	156	-1.09	-1.18	-1.18
166	4	-1.65	-1.74	-1.74	136	-1.18	-1.26	-1.26	168	-1.18	-1.26	-1.26
167	4	-1.74	-1.84	-1.84	136	-1.26	-1.37	-1.37	168	-1.26	-1.36	-1.36
173	4	-1.36	-1.41	-1.41	136	-1.00	-1.04	-1.04	168	-1.00	-1.03	-1.03
174	4	-1.24	-1.36	-1.36	136	-0.93	-1.00	-1.00	168	-0.92	-1.00	-1.00
189	4	-1.61	-1.49	-1.61	117	-1.24	-1.11	-1.24	149	-1.23	-1.10	-1.23
190	4	-1.40	-1.54	-1.54	117	-1.08	-1.19	-1.19	149	-1.07	-1.18	-1.18
191	4	-1.54	-1.61	-1.61	117	-1.19	-1.24	-1.24	149	-1.18	-1.23	-1.23

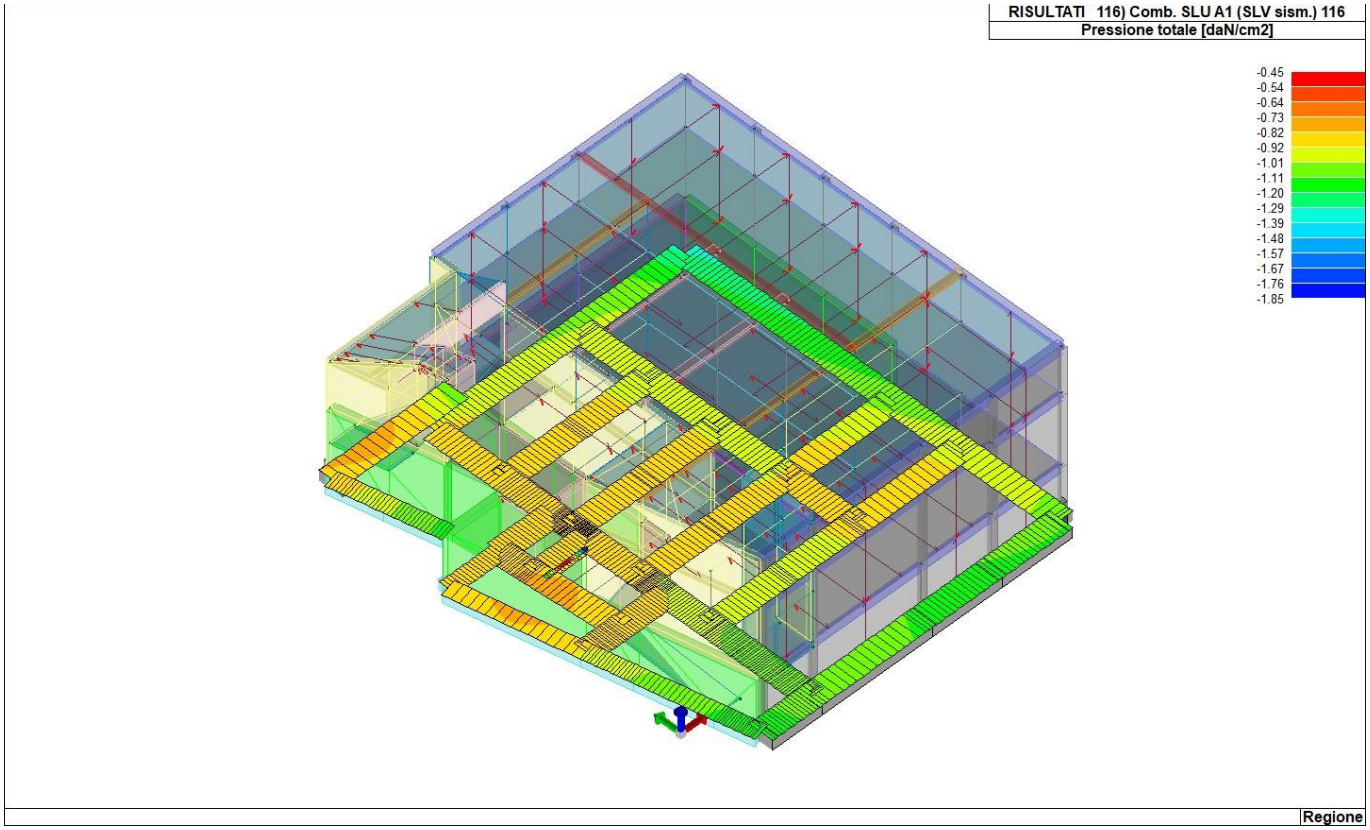
Elem.		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**
		-2.48										
		-0.84										



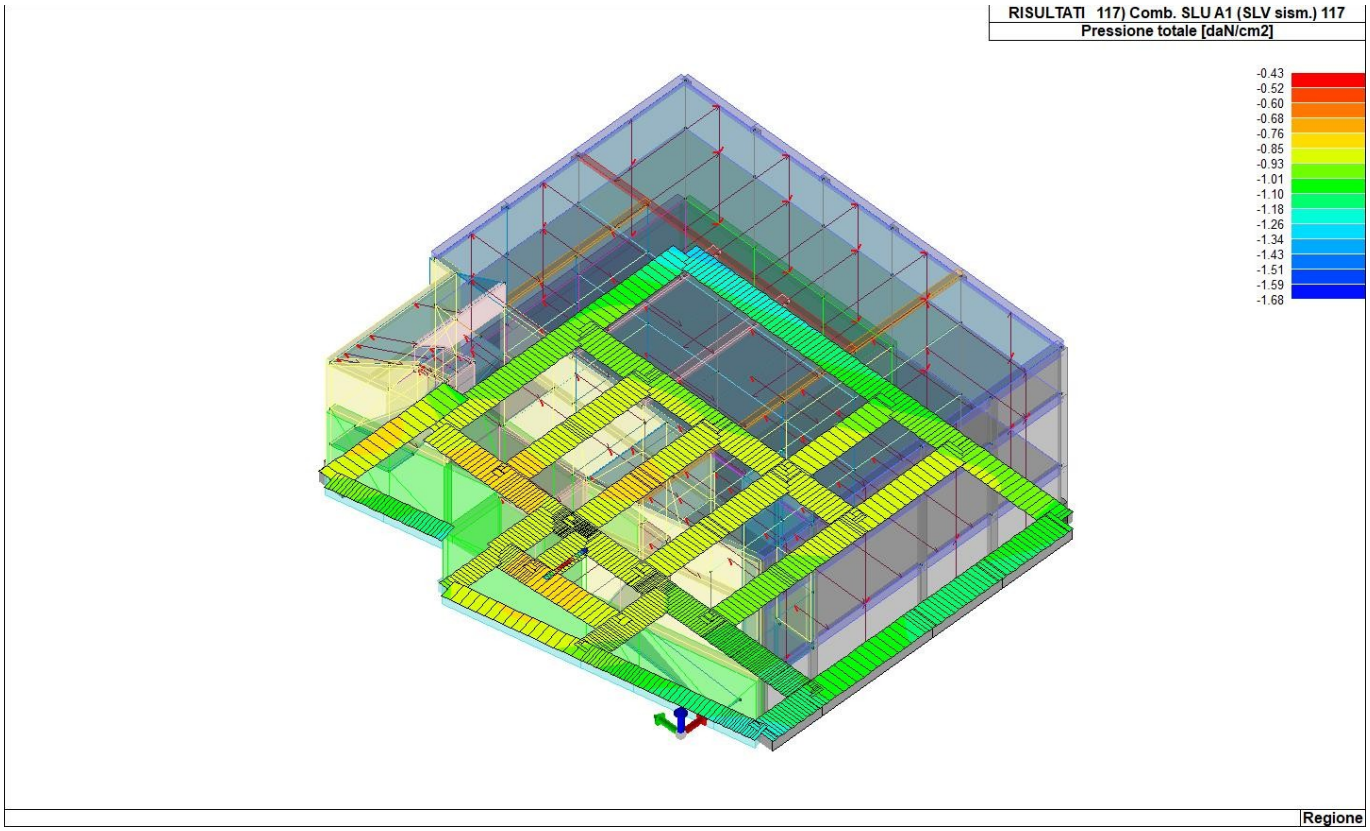
46_RIS_PRESSIONI_004_Comb SLU A1 4



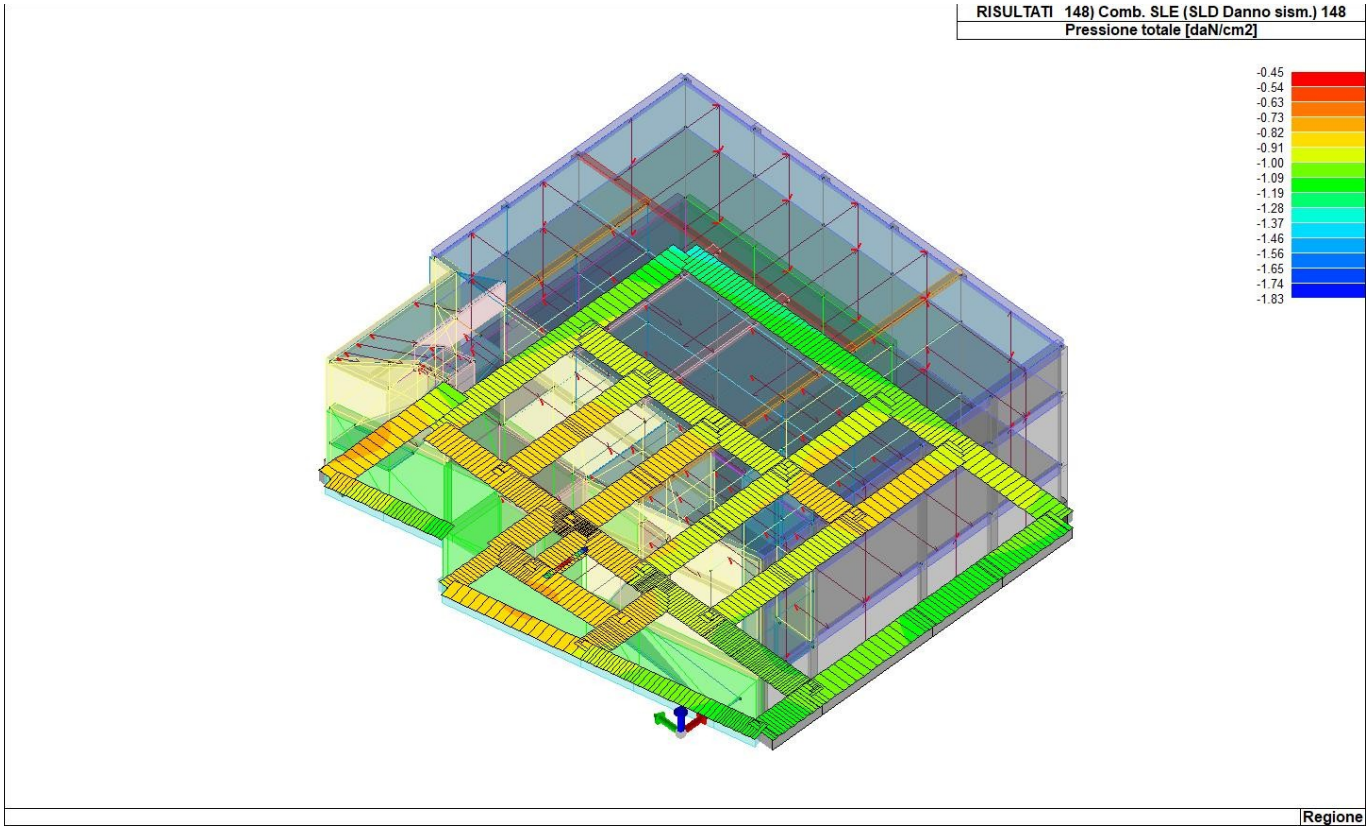
46_RIS_PRESSIONI_005_Comb SLU A1 5



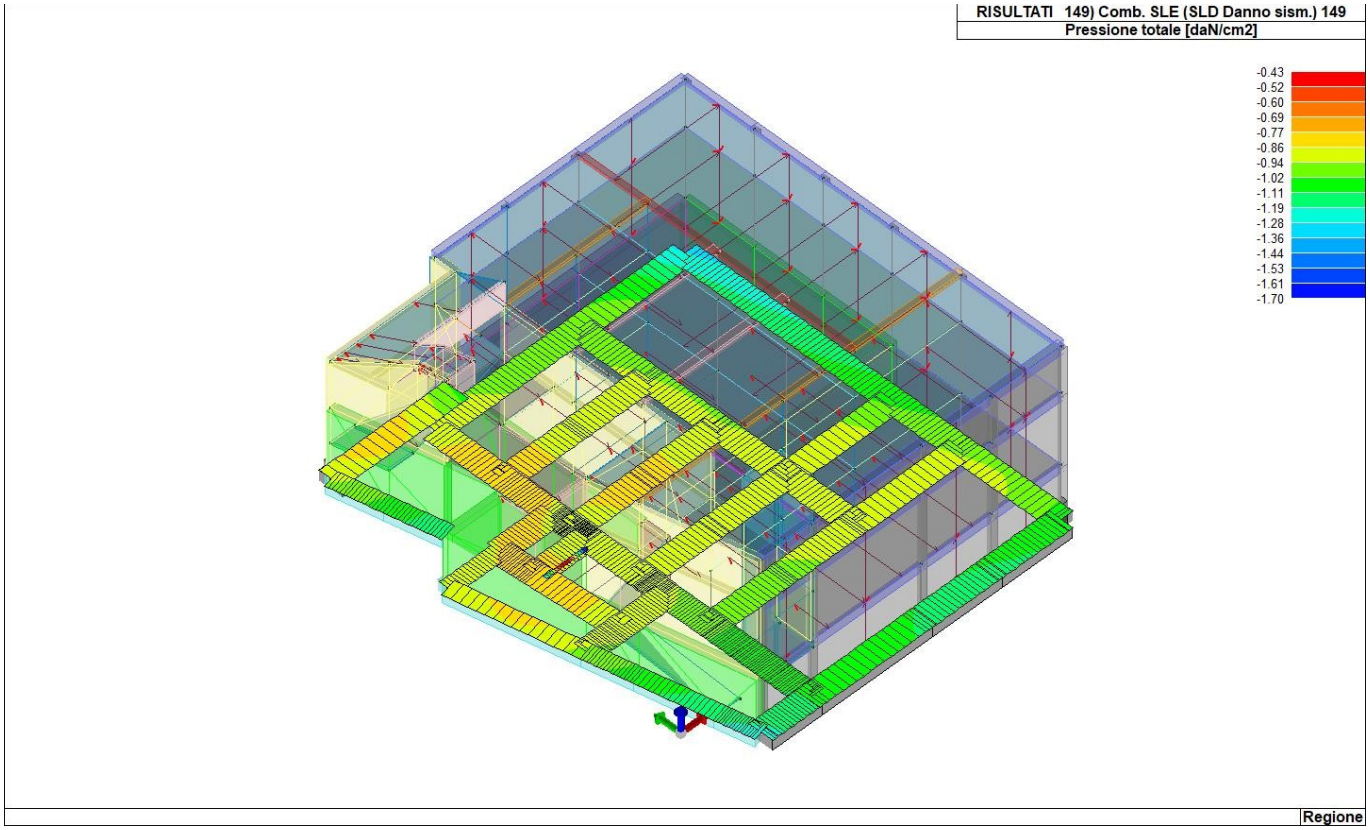
46_RIS_PRESSIONI_116_Comb SLU A1 SLV sism 116



46_RIS_PRESSIONI_117_Comb SLU A1 SLV sism 117



46_RIS_PRESSIONI_148_Comb SLE SLD Danno sism 148



46_RIS_PRESSIONI_149_Comb SLE SLD Danno sism 149

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

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

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

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

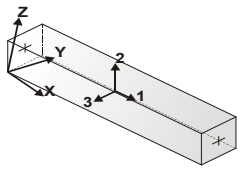
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

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

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

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



orientamento elementi 2D non verticali

orientamento elementi 2D verticali

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
5	1	5.283e+04	-3638.14	-7.40e-03	0.0	0.0	-9880.96	-38.84	80.09	-1.620e+04	-2.542e+04	2.222e+04
		2.222e+04	-2.542e+04	0.01	0.0	136.0	-9173.76	-38.84	80.09	-1.620e+04	-1.453e+04	3.753e+04
						272.0	-8466.56	-38.84	80.09	-1.620e+04	-3638.14	5.283e+04
5	5	5.188e+04	-4347.25	-4.12e-03	0.0	0.0	-6940.67	74.82	69.19	-1.132e+04	-2.317e+04	5013.27
		5013.27	-2.317e+04	9.71e-03	0.0	136.0	-6396.67	74.82	69.19	-1.132e+04	-1.376e+04	2.845e+04
						272.0	-5852.67	74.82	69.19	-1.132e+04	-4347.25	5.188e+04
5	7	3.062e+04	-3969.88	-7.55e-03	0.0	0.0	-6722.77	-177.08	45.02	-1.366e+04	-1.622e+04	3.062e+04
		1.893e+04	-1.622e+04	9.99e-03	0.0	136.0	-6178.77	-177.08	45.02	-1.366e+04	-1.009e+04	2.478e+04
						272.0	-5634.77	-177.08	45.02	-1.366e+04	-3969.88	1.893e+04
5	9	5.476e+04	-1875.84	-7.79e-03	0.0	0.0	-1.081e+04	-47.44	82.30	-1.649e+04	-2.426e+04	2.488e+04
		2.488e+04	-2.426e+04	0.01	0.0	136.0	-1.010e+04	-47.44	82.30	-1.649e+04	-1.307e+04	3.982e+04
						272.0	-9397.45	-47.44	82.30	-1.649e+04	-1875.84	5.476e+04
5	11	4.281e+04	-1611.68	-0.01	0.0	0.0	-1.066e+04	-223.78	65.38	-1.813e+04	-1.939e+04	4.281e+04
		3.170e+04	-1.939e+04	0.01	0.0	136.0	-9952.11	-223.78	65.38	-1.813e+04	-1.050e+04	3.725e+04
						272.0	-9244.91	-223.78	65.38	-1.813e+04	-1611.68	3.170e+04
5	113	5.272e+04	7115.31	0.02	0.0	0.0	-7556.10	-456.59	99.81	-1.267e+04	-2.003e+04	5.272e+04
		-3.161e+04	-2.003e+04	0.01	0.0	136.0	-7012.10	-456.59	99.81	-1.267e+04	-6459.65	1.055e+04
						272.0	-6468.10	-456.59	99.81	-1.267e+04	7115.31	-3.161e+04
5	116	1.095e+05	-1.391e+04	-0.03	0.0	0.0	-6984.24	387.12	20.33	-1.220e+04	-1.944e+04	-1.880e+04
		-1.880e+04	-1.944e+04	8.68e-03	0.0	136.0	-6440.24	387.12	20.33	-1.220e+04	-1.667e+04	4.535e+04
						272.0	-5896.24	387.12	20.33	-1.220e+04	-1.391e+04	1.095e+05
5	137	3.226e+04	610.65	7.17e-03	0.0	0.0	-7911.97	-223.34	92.68	-1.770e+04	-2.460e+04	3.226e+04
		9236.01	-2.460e+04	0.01	0.0	136.0	-7367.97	-223.34	92.68	-1.770e+04	-1.199e+04	2.075e+04
						272.0	-6823.97	-223.34	92.68	-1.770e+04	610.65	9236.01
5	140	6.864e+04	-7403.52	-0.01	0.0	0.0	-6628.37	153.86	27.46	-7169.68	-1.487e+04	1666.42
		1666.42	-1.487e+04	7.08e-03	0.0	136.0	-6084.37	153.86	27.46	-7169.68	-1.114e+04	3.515e+04
						272.0	-5540.37	153.86	27.46	-7169.68	-7403.52	6.864e+04
5	143	4.662e+04	-4969.91	-7.75e-03	0.0	0.0	-7852.57	-3.07	76.02	-1.851e+04	-2.565e+04	1.343e+04
		1.343e+04	-2.565e+04	0.01	0.0	136.0	-7308.57	-3.07	76.02	-1.851e+04	-1.531e+04	3.002e+04
						272.0	-6764.57	-3.07	76.02	-1.851e+04	-4969.91	4.662e+04
5	145	4.462e+04	4735.06	0.02	0.0	0.0	-7491.36	-361.07	90.82	-1.262e+04	-1.997e+04	4.462e+04
		-1.564e+04	-1.997e+04	0.01	0.0	136.0	-6947.36	-361.07	90.82	-1.262e+04	-7615.96	1.449e+04
						272.0	-6403.36	-361.07	90.82	-1.262e+04	4735.06	-1.564e+04
5	148	9.352e+04	-1.153e+04	-0.02	0.0	0.0	-7048.99	291.59	29.33	-1.225e+04	-1.950e+04	-1.070e+04
		-1.070e+04	-1.950e+04	8.97e-03	0.0	136.0	-6504.99	291.59	29.33	-1.225e+04	-1.552e+04	4.141e+04
						272.0	-5960.99	291.59	29.33	-1.225e+04	-1.153e+04	9.352e+04
5	169	2.879e+04	-296.70	4.80e-03	0.0	0.0	-7766.65	-180.63	85.30	-1.651e+04	-2.350e+04	2.879e+04
		1.596e+04	-2.350e+04	0.01	0.0	136.0	-7222.65	-180.63	85.30	-1.651e+04	-1.190e+04	2.238e+04
						272.0	-6678.65	-180.63	85.30	-1.651e+04	-296.70	1.596e+04
5	172	6.192e+04	-6496.17	-0.01	0.0	0.0	-6773.70	111.16	34.85	-8362.02	-1.597e+04	5129.84
		5129.84	-1.597e+04	7.72e-03	0.0	136.0	-6229.70	111.16	34.85	-8362.02	-1.124e+04	3.352e+04
						272.0	-5685.70	111.16	34.85	-8362.02	-6496.17	6.192e+04
5	175	4.488e+04	-4613.61	-7.23e-03	0.0	0.0	-7720.69	-10.24	72.41	-1.714e+04	-2.431e+04	1.423e+04
		1.423e+04	-2.431e+04	0.01	0.0	136.0	-7176.69	-10.24	72.41	-1.714e+04	-1.446e+04	2.956e+04
						272.0	-6632.69	-10.24	72.41	-1.714e+04	-4613.61	4.488e+04
6	1	1.176e+05	2688.80	-0.07	0.0	0.0	-1.596e+04	-96.51	-72.44	-9839.47	2688.80	1.176e+05
		1.010e+05	-2.759e+04	0.02	0.0	209.0	-1.487e+04	-96.51	-72.44	-9839.47	-1.245e+04	1.093e+05
						418.0	-1.378e+04	-96.51	-72.44	-9839.47	-2.759e+04	1.010e+05
6	4	1.571e+05	9863.05	-0.08	0.0	0.0	-1.685e+04	-247.38	-72.52	-1.257e+04	9863.05	1.571e+05
		8.997e+04	-2.045e+04	0.02	0.0	209.0	-1.576e+04	-247.38	-72.52	-1.257e+04	-5294.03	1.235e+05
						418.0	-1.468e+04	-247.38	-72.52	-1.257e+04	-2.045e+04	8.997e+04
6	5	8.405e+04	-1651.05	-0.05	0.0	0.0	-1.172e+04	-9.24	-55.60	-6536.28	-1651.05	7.479e+04
		7.479e+04	-2.489e+04	0.01	0.0	209.0	-1.089e+04	-9.24	-55.60	-6536.28	-1.327e+04	7.942e+04
						418.0	-1.005e+04	-9.24	-55.60	-6536.28	-2.489e+04	8.405e+04
6	8	1.143e+05	5523.21	-0.06	0.0	0.0	-1.262e+04	-160.11	-55.69	-9262.18	5523.21	1.143e+05
		7.301e+04	-1.775e+04	0.01	0.0	209.0	-1.178e+04	-160.11	-55.69	-9262.18	-6115.74	9.363e+04
						418.0	-1.094e+04	-160.11	-55.69	-9262.18	-1.775e+04	7.301e+04
6	113	9.894e+04	2078.22	0.01	0.0	0.0	-1.232e+04	-463.73	-50.31	-5195.64	2078.22	9.894e+04
		-4.056e+04	-1.895e+04	0.01	0.0	209.0	-1.148e+04	-463.73	-50.31	-5195.64	-8436.13	2.919e+04
						418.0	-1.065e+04	-463.73	-50.31	-5195.64	-1.895e+04	-4.056e+04
6	116	1.977e+05	1379.30	-0.11	0.0	0.0	-1.204e+04	313.49	-61.04	-1.014e+04	1379.30	8.406e+04
		8.406e+04	-2.413e+04	0.01	0.0	209.0	-1.120e+04	313.49	-61.04	-1.014e+04	-1.138e+04	1.409e+05
						418.0	-1.037e+04	313.49	-61.04	-1.014e+04	-2.413e+04	1.977e+05
6	124	1.801e+05	493.99	-0.10	0.0	0.0	-1.206e+04	252.50	-60.40	-1.045e+04	493.99	8.728e+04
		8.728e+04	-2.475e+04	0.01	0.0	209.0	-1.122e+04	252.50	-60.40	-1.045e+04	-1.213e+04	1.337e+05
						418.0	-1.038e+04	252.50	-60.40	-1.045e+04	-2.475e+04	1.801e+05
6	133	9.005e+04	3129.81	-0.03	0.0	0.0	-1.237e+04	-217.97	-52.51	-8355.44	3129.81	9.005e+04
		3.219e+04	-1.882e+04	0.01	0.0	209.0	-1.154e+04	-217.97	-52.51	-8355.44	-7844.14	6.112e+04
						418.0	-1.070e+04	-217.97	-52.51	-8355.44	-1.882e+04	3.219e+04
6	137	9.160e+04	2448.04	-0.03	0.0	0.0	-1.241e+04	-232.99	-53.72	-8408.80	2448.04	9.160e+04
		2.833e+04	-2.001e+04	0.02	0.0	209.0	-1.157e+04	-232.99	-53.72	-8408.80	-8778.49	5.996e+04
						418.0	-1.074e+04	-232.99	-53.72	-8408.80	-2.001e+04	2.833e+04
6	140	1.289e+05	1009.48	-0.08	0.0	0.0	-1.195e+04	82.76	-57.63	-6931.49	1009.48	9.140e+04

		9.140e+04	-2.308e+04	9.57e-03	0.0	209.0	-1.111e+04	82.76	-57.63	-6931.49	-1.103e+04	1.101e+05
						418.0	-1.028e+04	82.76	-57.63	-6931.49	-2.308e+04	1.289e+05
6	145	9.726e+04	1999.09	-0.01	0.0	0.0	-1.229e+04	-375.73	-51.52	-5755.96	1999.09	9.726e+04
		-1.358e+04	-1.954e+04	0.01	0.0	209.0	-1.145e+04	-375.73	-51.52	-5755.96	-8769.08	4.184e+04
						418.0	-1.061e+04	-375.73	-51.52	-5755.96	-1.954e+04	-1.358e+04
6	148	1.708e+05	1458.43	-0.10	0.0	0.0	-1.207e+04	225.49	-59.82	-9584.33	1458.43	8.574e+04
		8.574e+04	-2.355e+04	0.01	0.0	209.0	-1.124e+04	225.49	-59.82	-9584.33	-1.104e+04	1.283e+05
						418.0	-1.040e+04	225.49	-59.82	-9584.33	-2.355e+04	1.708e+05
6	156	1.571e+05	773.59	-0.09	0.0	0.0	-1.208e+04	178.32	-59.33	-9822.57	773.59	8.823e+04
		8.823e+04	-2.403e+04	0.01	0.0	209.0	-1.125e+04	178.32	-59.33	-9822.57	-1.163e+04	1.227e+05
						418.0	-1.041e+04	178.32	-59.33	-9822.57	-2.403e+04	1.571e+05
6	165	9.038e+04	2812.56	-0.04	0.0	0.0	-1.233e+04	-185.62	-53.23	-8200.27	2812.56	9.038e+04
		4.270e+04	-1.943e+04	0.01	0.0	209.0	-1.149e+04	-185.62	-53.23	-8200.27	-8311.14	6.654e+04
						418.0	-1.066e+04	-185.62	-53.23	-8200.27	-1.943e+04	4.270e+04
6	169	9.158e+04	2285.17	-0.04	0.0	0.0	-1.236e+04	-197.25	-54.16	-8241.54	2285.17	9.158e+04
		3.971e+04	-2.035e+04	0.01	0.0	209.0	-1.152e+04	-197.25	-54.16	-8241.54	-9033.92	6.564e+04
						418.0	-1.068e+04	-197.25	-54.16	-8241.54	-2.035e+04	3.971e+04
6	172	1.175e+05	1172.35	-0.07	0.0	0.0	-1.200e+04	47.01	-57.19	-7098.75	1172.35	9.142e+04
		9.142e+04	-2.273e+04	0.01	0.0	209.0	-1.117e+04	47.01	-57.19	-7098.75	-1.078e+04	1.044e+05
						418.0	-1.033e+04	47.01	-57.19	-7098.75	-2.273e+04	1.175e+05
10	1	-9681.55	2.170e+04	2.97e-03	0.0	0.0	-1.265e+04	88.19	-40.20	-3610.29	2.170e+04	-3.367e+04
		-3.367e+04	1.077e+04	-0.02	0.0	136.0	-1.194e+04	88.19	-40.20	-3610.29	1.624e+04	-2.168e+04
						272.0	-1.124e+04	88.19	-40.20	-3610.29	1.077e+04	-9681.55
10	3	-8395.52	2.862e+04	-5.48e-03	0.0	0.0	-1.248e+04	91.80	64.09	-3507.36	1.119e+04	-3.336e+04
		-3.336e+04	1.119e+04	-0.02	0.0	136.0	-1.178e+04	91.80	64.09	-3507.36	1.991e+04	-2.088e+04
						272.0	-1.107e+04	91.80	64.09	-3507.36	2.862e+04	-8395.52
10	7	-6798.25	1.941e+04	-3.30e-03	0.0	0.0	-8829.98	69.55	29.62	-2549.49	1.135e+04	-2.572e+04
		-2.572e+04	1.135e+04	-0.01	0.0	136.0	-8285.98	69.55	29.62	-2549.49	1.538e+04	-1.626e+04
						272.0	-7741.98	69.55	29.62	-2549.49	1.941e+04	-6798.25
10	8	-6707.52	1.923e+04	-3.33e-03	0.0	0.0	-9328.20	69.88	31.30	-2654.52	1.072e+04	-2.571e+04
		-2.571e+04	1.072e+04	-0.01	0.0	136.0	-8784.20	69.88	31.30	-2654.52	1.497e+04	-1.621e+04
						272.0	-8240.20	69.88	31.30	-2654.52	1.923e+04	-6707.52
10	9	-9500.09	2.043e+04	2.93e-03	0.0	0.0	-1.365e+04	88.84	-36.84	-3820.36	2.043e+04	-3.366e+04
		-3.366e+04	1.041e+04	-0.02	0.0	136.0	-1.294e+04	88.84	-36.84	-3820.36	1.542e+04	-2.158e+04
						272.0	-1.223e+04	88.84	-36.84	-3820.36	1.041e+04	-9500.09
10	12	-7902.81	2.060e+04	3.45e-03	0.0	0.0	-9994.61	66.59	-71.31	-2862.49	2.060e+04	-2.602e+04
		-2.602e+04	1198.84	-0.01	0.0	136.0	-9450.61	66.59	-71.31	-2862.49	1.090e+04	-1.696e+04
						272.0	-8906.61	66.59	-71.31	-2862.49	1198.84	-7902.81
10	126	-1.192e+04	1.972e+04	0.04	0.0	0.0	-9377.72	124.09	42.49	-1.556e+04	8163.64	-4.567e+04
		-4.567e+04	8163.64	-0.02	0.0	136.0	-8833.72	124.09	42.49	-1.556e+04	1.394e+04	-2.880e+04
						272.0	-8289.72	124.09	42.49	-1.556e+04	1.972e+04	-1.192e+04
10	127	-3011.39	2.552e+04	-0.04	0.0	0.0	-9380.90	11.39	-100.66	1.016e+04	2.552e+04	-6110.23
		-6110.23	-1861.60	-0.01	0.0	136.0	-8836.90	11.39	-100.66	1.016e+04	1.183e+04	-4560.81
						272.0	-8292.90	11.39	-100.66	1.016e+04	-1861.60	-3011.39
10	129	-6858.78	6.590e+04	7.50e-03	0.0	0.0	-9300.87	84.40	-438.56	-6904.05	6.590e+04	-2.982e+04
		-2.982e+04	-5.339e+04	5.87e-03	0.0	136.0	-8756.87	84.40	-438.56	-6904.05	6258.13	-1.834e+04
						272.0	-8212.87	84.40	-438.56	-6904.05	-5.339e+04	-6858.78
10	132	-8075.35	7.124e+04	-7.57e-03	0.0	0.0	-9457.75	51.08	380.38	1499.39	-3.222e+04	-2.197e+04
		-2.197e+04	-3.222e+04	-0.03	0.0	136.0	-8913.75	51.08	380.38	1499.39	1.951e+04	-1.502e+04
						272.0	-8369.75	51.08	380.38	1499.39	7.124e+04	-8075.35
10	133	-7229.06	6.576e+04	8.56e-03	0.0	0.0	-9300.14	87.90	-437.37	-7023.78	6.576e+04	-3.114e+04
		-3.114e+04	-5.321e+04	5.89e-03	0.0	136.0	-8756.14	87.90	-437.37	-7023.78	6272.96	-1.918e+04
						272.0	-8212.14	87.90	-437.37	-7023.78	-5.321e+04	-7229.06
10	136	-7705.07	7.107e+04	-8.64e-03	0.0	0.0	-9458.48	47.58	379.20	1619.11	-3.207e+04	-2.065e+04
		-2.065e+04	-3.207e+04	-0.03	0.0	136.0	-8914.48	47.58	379.20	1619.11	1.950e+04	-1.418e+04
						272.0	-8370.48	47.58	379.20	1619.11	7.107e+04	-7705.07
10	158	-1.091e+04	1.728e+04	0.03	0.0	0.0	-9378.08	111.33	26.28	-1.265e+04	1.013e+04	-4.119e+04
		-4.119e+04	1.013e+04	-0.02	0.0	136.0	-8834.08	111.33	26.28	-1.265e+04	1.370e+04	-2.605e+04
						272.0	-8290.08	111.33	26.28	-1.265e+04	1.728e+04	-1.091e+04
10	159	-4020.32	2.355e+04	-0.03	0.0	0.0	-9380.54	24.15	-84.46	7246.96	2.355e+04	-1.059e+04
		-1.059e+04	581.90	-0.01	0.0	136.0	-8836.54	24.15	-84.46	7246.96	1.207e+04	-7304.94
						272.0	-8292.54	24.15	-84.46	7246.96	581.90	-4020.32
10	161	-6996.51	5.479e+04	5.96e-03	0.0	0.0	-9318.63	80.63	-345.84	-5952.63	5.479e+04	-2.893e+04
		-2.893e+04	-3.928e+04	1.61e-03	0.0	136.0	-8774.63	80.63	-345.84	-5952.63	7758.80	-1.796e+04
						272.0	-8230.63	80.63	-345.84	-5952.63	-3.928e+04	-6996.51
10	164	-7937.61	5.713e+04	-5.87e-03	0.0	0.0	-9439.99	54.85	287.66	547.97	-2.111e+04	-2.286e+04
		-2.286e+04	-2.111e+04	-0.03	0.0	136.0	-8895.99	54.85	287.66	547.97	1.801e+04	-1.540e+04
						272.0	-8351.99	54.85	287.66	547.97	5.713e+04	-7937.61
10	165	-7282.95	5.468e+04	6.71e-03	0.0	0.0	-9318.06	83.33	-344.92	-6045.24	5.468e+04	-2.995e+04
		-2.995e+04	-3.914e+04	1.62e-03	0.0	136.0	-8774.06	83.33	-344.92	-6045.24	7770.27	-1.862e+04
						272.0	-8230.06	83.33	-344.92	-6045.24	-3.914e+04	-7282.95
10	168	-7651.18	5.700e+04	-6.69e-03	0.0	0.0	-9440.55	52.15	286.74	640.58	-2.100e+04	-2.183e+04
		-2.183e+04	-2.100e+04	-0.03	0.0	136.0	-8896.55	52.15	286.74	640.58	1.800e+04	-1.474e+04
						272.0	-8352.55	52.15	286.74	640.58	5.700e+04	-7651.18
42	4	4.068e+04	6.572e+04	-0.03	0.0	0.0	-5.015e+04	-644.64	535.46	2.658e+04	-1.072e+05	4.068e+04
		-1.675e+05	-1.072e+05	7.15e-03	0.0	161.5	-4.931e+04	-644.64	535.46	2.658e+04	-2.076e+04	-6.343e+04
						323.0	-4.847e+04	-644.64	535.46	2.658e+04	6.572e+04	-1.675e+05

42	5	-1.380e+04	4.928e+04	-0.01	0.0	0.0	-3.394e+04	-163.33	394.98	1.806e+04	-7.830e+04	-1.380e+04
		-6.655e+04	-7.830e+04	5.23e-03	0.0	161.5	-3.329e+04	-163.33	394.98	1.806e+04	-1.451e+04	-4.018e+04
						323.0	-3.264e+04	-163.33	394.98	1.806e+04	4.928e+04	-6.655e+04
42	113	5.319e+04	4.198e+04	0.01	0.0	0.0	-3.617e+04	-501.79	347.56	1.109e+04	-7.028e+04	5.319e+04
		-1.089e+05	-7.028e+04	7.21e-03	0.0	161.5	-3.553e+04	-501.79	347.56	1.109e+04	-1.415e+04	-2.784e+04
						323.0	-3.488e+04	-501.79	347.56	1.109e+04	4.198e+04	-1.089e+05
42	117	5.294e+04	4.149e+04	0.01	0.0	0.0	-3.619e+04	-500.38	344.49	1.107e+04	-6.978e+04	5.294e+04
		-1.087e+05	-6.978e+04	7.39e-03	0.0	161.5	-3.555e+04	-500.38	344.49	1.107e+04	-1.414e+04	-2.787e+04
						323.0	-3.490e+04	-500.38	344.49	1.107e+04	4.149e+04	-1.087e+05
42	120	-4.776e+04	5.802e+04	-0.04	0.0	0.0	-3.507e+04	-67.93	457.97	2.677e+04	-8.991e+04	-4.776e+04
		-6.970e+04	-8.991e+04	4.58e-03	0.0	161.5	-3.443e+04	-67.93	457.97	2.677e+04	-1.595e+04	-5.873e+04
						323.0	-3.378e+04	-67.93	457.97	2.677e+04	5.802e+04	-6.970e+04
42	140	-1.841e+04	6.477e+04	-0.03	0.0	0.0	-3.509e+04	-190.66	500.52	2.229e+04	-9.690e+04	-1.841e+04
		-7.999e+04	-9.690e+04	3.94e-03	0.0	161.5	-3.445e+04	-190.66	500.52	2.229e+04	-1.607e+04	-4.920e+04
						323.0	-3.380e+04	-190.66	500.52	2.229e+04	6.477e+04	-7.999e+04
42	145	4.174e+04	4.374e+04	8.77e-03	0.0	0.0	-3.605e+04	-452.51	359.71	1.287e+04	-7.244e+04	4.174e+04
		-1.044e+05	-7.244e+04	6.62e-03	0.0	161.5	-3.541e+04	-452.51	359.71	1.287e+04	-1.435e+04	-3.134e+04
						323.0	-3.476e+04	-452.51	359.71	1.287e+04	4.374e+04	-1.044e+05
42	149	4.154e+04	4.336e+04	8.78e-03	0.0	0.0	-3.607e+04	-451.42	357.34	1.285e+04	-7.206e+04	4.154e+04
		-1.043e+05	-7.206e+04	6.76e-03	0.0	161.5	-3.542e+04	-451.42	357.34	1.285e+04	-1.435e+04	-3.136e+04
						323.0	-3.477e+04	-451.42	357.34	1.285e+04	4.336e+04	-1.043e+05
42	152	-3.636e+04	5.614e+04	-0.04	0.0	0.0	-3.520e+04	-116.89	445.12	2.500e+04	-8.763e+04	-3.636e+04
		-7.411e+04	-8.763e+04	4.75e-03	0.0	161.5	-3.455e+04	-116.89	445.12	2.500e+04	-1.574e+04	-5.523e+04
						323.0	-3.391e+04	-116.89	445.12	2.500e+04	5.614e+04	-7.411e+04
42	172	-1.365e+04	6.137e+04	-0.02	0.0	0.0	-3.522e+04	-211.83	478.04	2.153e+04	-9.304e+04	-1.365e+04
		-8.208e+04	-9.304e+04	4.13e-03	0.0	161.5	-3.457e+04	-211.83	478.04	2.153e+04	-1.584e+04	-4.786e+04
						323.0	-3.392e+04	-211.83	478.04	2.153e+04	6.137e+04	-8.208e+04
43	4	-1.289e+05	-5.329e+04	0.02	0.0	0.0	-6.600e+04	105.82	158.00	-3408.85	-1.017e+05	-1.535e+05
		-1.535e+05	-1.017e+05	0.02	0.0	161.5	-6.516e+04	105.82	158.00	-3408.85	-7.749e+04	-1.412e+05
						323.0	-6.432e+04	105.82	158.00	-3408.85	-5.329e+04	-1.289e+05
43	5	-6.849e+04	-3.741e+04	0.02	0.0	0.0	-4.407e+04	199.98	99.14	-2272.42	-6.786e+04	-1.219e+05
		-1.219e+05	-6.786e+04	0.01	0.0	161.5	-4.342e+04	199.98	99.14	-2272.42	-5.264e+04	-9.521e+04
						323.0	-4.277e+04	199.98	99.14	-2272.42	-3.741e+04	-6.849e+04
43	9	-1.037e+05	-5.183e+04	0.02	0.0	0.0	-6.160e+04	214.27	142.75	-3331.18	-9.557e+04	-1.600e+05
		-1.600e+05	-9.557e+04	0.02	0.0	161.5	-6.076e+04	214.27	142.75	-3331.18	-7.370e+04	-1.319e+05
						323.0	-5.992e+04	214.27	142.75	-3331.18	-5.183e+04	-1.037e+05
43	113	-3.613e+04	-3.340e+04	0.01	0.0	0.0	-4.711e+04	226.13	87.58	-7167.54	-5.847e+04	-9.268e+04
		-9.268e+04	-5.847e+04	0.01	0.0	161.5	-4.646e+04	226.13	87.58	-7167.54	-4.593e+04	-6.441e+04
						323.0	-4.582e+04	226.13	87.58	-7167.54	-3.340e+04	-3.613e+04
43	114	-3.960e+04	-3.854e+04	0.01	0.0	0.0	-4.712e+04	215.42	119.08	-6120.88	-7.453e+04	-9.333e+04
		-9.333e+04	-7.453e+04	0.01	0.0	161.5	-4.647e+04	215.42	119.08	-6120.88	-5.653e+04	-6.647e+04
						323.0	-4.583e+04	215.42	119.08	-6120.88	-3.854e+04	-3.960e+04
43	115	-1.196e+05	-3.892e+04	0.02	0.0	0.0	-4.591e+04	98.87	95.71	1313.41	-6.882e+04	-1.479e+05
		-1.479e+05	-6.882e+04	0.01	0.0	161.5	-4.527e+04	98.87	95.71	1313.41	-5.387e+04	-1.337e+05
						323.0	-4.462e+04	98.87	95.71	1313.41	-3.892e+04	-1.196e+05
43	120	-1.230e+05	-4.366e+04	0.02	0.0	0.0	-4.592e+04	88.79	130.76	2280.06	-8.552e+04	-1.486e+05
		-1.486e+05	-8.552e+04	0.01	0.0	161.5	-4.528e+04	88.79	130.76	2280.06	-6.459e+04	-1.358e+05
						323.0	-4.463e+04	88.79	130.76	2280.06	-4.366e+04	-1.230e+05
43	129	-6.130e+04	-2.933e+04	0.01	0.0	0.0	-4.668e+04	194.09	53.67	-5420.31	-4.335e+04	-1.112e+05
		-1.112e+05	-4.335e+04	0.01	0.0	161.5	-4.604e+04	194.09	53.67	-5420.31	-3.634e+04	-8.627e+04
						323.0	-4.539e+04	194.09	53.67	-5420.31	-2.933e+04	-6.130e+04
43	140	-9.761e+04	-4.679e+04	0.02	0.0	0.0	-4.635e+04	122.31	172.95	346.14	-1.021e+05	-1.302e+05
		-1.302e+05	-1.021e+05	0.01	0.0	161.5	-4.570e+04	122.31	172.95	346.14	-7.445e+04	-1.139e+05
						323.0	-4.506e+04	122.31	172.95	346.14	-4.679e+04	-9.761e+04
43	145	-4.598e+04	-3.460e+04	0.01	0.0	0.0	-4.698e+04	210.51	92.07	-6088.84	-6.146e+04	-9.900e+04
		-9.900e+04	-6.146e+04	0.01	0.0	161.5	-4.633e+04	210.51	92.07	-6088.84	-4.803e+04	-7.249e+04
						323.0	-4.568e+04	210.51	92.07	-6088.84	-3.460e+04	-4.598e+04
43	146	-4.866e+04	-3.858e+04	0.01	0.0	0.0	-4.698e+04	202.22	116.44	-5279.18	-7.389e+04	-9.950e+04
		-9.950e+04	-7.389e+04	0.01	0.0	161.5	-4.634e+04	202.22	116.44	-5279.18	-5.623e+04	-7.408e+04
						323.0	-4.569e+04	202.22	116.44	-5279.18	-3.858e+04	-4.866e+04
43	147	-1.106e+05	-3.887e+04	0.02	0.0	0.0	-4.605e+04	112.06	98.35	471.71	-6.947e+04	-1.417e+05
		-1.417e+05	-6.947e+04	0.01	0.0	161.5	-4.540e+04	112.06	98.35	471.71	-5.417e+04	-1.261e+05
						323.0	-4.476e+04	112.06	98.35	471.71	-3.887e+04	-1.106e+05
43	152	-1.132e+05	-4.254e+04	0.02	0.0	0.0	-4.606e+04	104.26	125.47	1219.47	-8.238e+04	-1.422e+05
		-1.422e+05	-8.238e+04	0.01	0.0	161.5	-4.541e+04	104.26	125.47	1219.47	-6.246e+04	-1.277e+05
						323.0	-4.476e+04	104.26	125.47	1219.47	-4.254e+04	-1.132e+05
43	161	-6.545e+04	-3.146e+04	0.02	0.0	0.0	-4.664e+04	185.72	65.84	-4737.25	-4.976e+04	-1.134e+05
		-1.134e+05	-4.976e+04	0.01	0.0	161.5	-4.600e+04	185.72	65.84	-4737.25	-4.061e+04	-8.940e+04
						323.0	-4.535e+04	185.72	65.84	-4737.25	-3.146e+04	-6.545e+04
43	172	-9.354e+04	-4.496e+04	0.02	0.0	0.0	-4.639e+04	130.20	158.11	-276.53	-9.522e+04	-1.280e+05
		-1.280e+05	-9.522e+04	0.01	0.0	161.5	-4.574e+04	130.20	158.11	-276.53	-7.009e+04	-1.108e+05
						323.0	-4.509e+04	130.20	158.11	-276.53	-4.496e+04	-9.354e+04
44	4	9.770e+04	-1.293e+04	-0.03	0.0	0.0	-7.584e+04	437.46	-82.73	9036.76	-1.293e+04	-3.483e+04
		-3.483e+04	-3.965e+04	0.01	0.0	161.5	-7.500e+04	437.46	-82.73	9036.76	-2.629e+04	3.143e+04
						323.0	-7.416e+04	437.46	-82.73	9036.76	-3.965e+04	9.770e+04
44	5	9.033e+04	-4953.42	-0.01	0.0	0.0	-5.065e+04	373.62	-66.81	6346.15	-4953.42	-2.238e+04
		-2.238e+04	-2.653e+04	7.97e-03	0.0	161.5	-5.000e+04	373.62	-66.81	6346.15	-1.574e+04	3.398e+04

						323.0	-4.935e+04	373.62	-66.81	6346.15	-2.653e+04	9.033e+04
44	9	1.189e+05	-8541.80	-0.02	0.0	0.0	-7.100e+04	505.62	-87.98	8506.00	-8541.80	-3.362e+04
		-3.362e+04	-3.696e+04	0.01	0.0	161.5	-7.016e+04	505.62	-87.98	8506.00	-2.275e+04	4.266e+04
						323.0	-6.932e+04	505.62	-87.98	8506.00	-3.696e+04	1.189e+05
44	11	1.060e+05	-1.159e+04	-0.03	0.0	0.0	-7.480e+04	466.24	-84.88	8873.40	-1.159e+04	-3.507e+04
		-3.507e+04	-3.901e+04	0.01	0.0	161.5	-7.396e+04	466.24	-84.88	8873.40	-2.530e+04	3.544e+04
						323.0	-7.312e+04	466.24	-84.88	8873.40	-3.901e+04	1.060e+05
44	12	9.570e+04	-4892.82	-0.02	0.0	0.0	-5.183e+04	397.43	-68.44	6334.35	-4892.82	-2.409e+04
		-2.409e+04	-2.700e+04	8.02e-03	0.0	161.5	-5.119e+04	397.43	-68.44	6334.35	-1.595e+04	3.580e+04
						323.0	-5.054e+04	397.43	-68.44	6334.35	-2.700e+04	9.570e+04
44	128	9.648e+04	-1.534e+04	-0.02	0.0	0.0	-5.388e+04	422.22	-45.18	5364.60	-1.534e+04	-2.801e+04
		-2.801e+04	-2.993e+04	7.31e-03	0.0	161.5	-5.323e+04	422.22	-45.18	5364.60	-2.264e+04	3.423e+04
						323.0	-5.258e+04	422.22	-45.18	5364.60	-2.993e+04	9.648e+04
44	134	8.396e+04	-3.375e+04	-0.02	0.0	0.0	-5.386e+04	358.22	-11.45	8218.22	-3.375e+04	-2.521e+04
		-2.521e+04	-3.745e+04	8.37e-03	0.0	161.5	-5.322e+04	358.22	-11.45	8218.22	-3.560e+04	2.938e+04
						323.0	-5.257e+04	358.22	-11.45	8218.22	-3.745e+04	8.396e+04
44	137	7.983e+04	2.229e+04	-0.01	0.0	0.0	-5.287e+04	330.28	-133.09	5902.20	2.229e+04	-2.082e+04
		-2.082e+04	-2.069e+04	0.01	0.0	161.5	-5.222e+04	330.28	-133.09	5902.20	799.65	2.950e+04
						323.0	-5.157e+04	330.28	-133.09	5902.20	-2.069e+04	7.983e+04
44	141	7.914e+04	2.193e+04	-0.01	0.0	0.0	-5.283e+04	326.80	-132.28	6009.67	2.193e+04	-2.052e+04
		-2.052e+04	-2.080e+04	0.01	0.0	161.5	-5.219e+04	326.80	-132.28	6009.67	562.47	2.931e+04
						323.0	-5.154e+04	326.80	-132.28	6009.67	-2.080e+04	7.914e+04
44	144	9.075e+04	-3.517e+04	-0.02	0.0	0.0	-5.409e+04	394.54	0.88	7125.45	-3.546e+04	-2.752e+04
		-2.752e+04	-3.546e+04	7.77e-03	0.0	161.5	-5.344e+04	394.54	0.88	7125.45	-3.531e+04	3.162e+04
						323.0	-5.279e+04	394.54	0.88	7125.45	-3.517e+04	9.075e+04
44	160	9.387e+04	-1.340e+04	-0.02	0.0	0.0	-5.378e+04	408.28	-49.82	5637.00	-1.340e+04	-2.711e+04
		-2.711e+04	-2.949e+04	7.46e-03	0.0	161.5	-5.314e+04	408.28	-49.82	5637.00	-2.144e+04	3.338e+04
						323.0	-5.249e+04	408.28	-49.82	5637.00	-2.949e+04	9.387e+04
44	166	8.418e+04	-2.764e+04	-0.02	0.0	0.0	-5.377e+04	358.77	-23.73	7844.45	-2.764e+04	-2.494e+04
		-2.494e+04	-3.531e+04	8.25e-03	0.0	161.5	-5.313e+04	358.77	-23.73	7844.45	-3.147e+04	2.962e+04
						323.0	-5.248e+04	358.77	-23.73	7844.45	-3.531e+04	8.418e+04
44	169	8.099e+04	1.571e+04	-0.02	0.0	0.0	-5.300e+04	337.16	-117.83	6052.86	1.571e+04	-2.154e+04
		-2.154e+04	-2.235e+04	0.01	0.0	161.5	-5.235e+04	337.16	-117.83	6052.86	-3315.95	2.972e+04
						323.0	-5.171e+04	337.16	-117.83	6052.86	-2.235e+04	8.099e+04
44	173	8.046e+04	1.543e+04	-0.01	0.0	0.0	-5.297e+04	334.47	-117.21	6136.00	1.543e+04	-2.131e+04
		-2.131e+04	-2.243e+04	0.01	0.0	161.5	-5.233e+04	334.47	-117.21	6136.00	-3499.43	2.957e+04
						323.0	-5.168e+04	334.47	-117.21	6136.00	-2.243e+04	8.046e+04
44	176	8.943e+04	-2.896e+04	-0.02	0.0	0.0	-5.394e+04	386.87	-14.20	6999.12	-2.896e+04	-2.672e+04
		-2.672e+04	-3.355e+04	7.68e-03	0.0	161.5	-5.330e+04	386.87	-14.20	6999.12	-3.125e+04	3.136e+04
						323.0	-5.265e+04	386.87	-14.20	6999.12	-3.355e+04	8.943e+04
45	1	5.739e+04	3516.30	-0.02	0.0	0.0	-2.905e+04	376.17	59.32	3075.81	-1.564e+04	-6.411e+04
		-6.411e+04	-1.564e+04	-2.58e-03	0.0	161.5	-2.821e+04	376.17	59.32	3075.81	-6063.77	-3358.50
						323.0	-2.737e+04	376.17	59.32	3075.81	3516.30	5.739e+04
45	4	5.497e+04	1431.44	-0.03	0.0	0.0	-3.506e+04	371.10	44.93	2542.36	-1.308e+04	-6.490e+04
		-6.490e+04	-1.308e+04	-2.42e-03	0.0	161.5	-3.422e+04	371.10	44.93	2542.36	-5824.14	-4963.47
						323.0	-3.338e+04	371.10	44.93	2542.36	1431.44	5.497e+04
45	5	4.433e+04	3699.37	-0.01	0.0	0.0	-1.992e+04	285.89	52.44	2591.35	-1.324e+04	-4.801e+04
		-4.801e+04	-1.324e+04	-2.05e-03	0.0	161.5	-1.927e+04	285.89	52.44	2591.35	-4769.86	-1839.13
						323.0	-1.863e+04	285.89	52.44	2591.35	3699.37	4.433e+04
45	9	5.876e+04	3206.01	-0.02	0.0	0.0	-2.920e+04	385.78	57.24	3054.17	-1.528e+04	-6.585e+04
		-6.585e+04	-1.528e+04	-2.57e-03	0.0	161.5	-2.836e+04	385.78	57.24	3054.17	-6039.02	-3548.40
						323.0	-2.752e+04	385.78	57.24	3054.17	3206.01	5.876e+04
45	125	6213.72	-993.61	-7.77e-03	0.0	0.0	-2.225e+04	64.58	-1.97	42.36	-993.61	-1.465e+04
		-1.465e+04	-1629.61	2.77e-03	0.0	161.5	-2.160e+04	64.58	-1.97	42.36	-1311.61	-4215.99
						323.0	-2.096e+04	64.58	-1.97	42.36	-1629.61	6213.72
45	128	8.100e+04	7132.22	-0.02	0.0	0.0	-2.271e+04	507.18	93.81	4676.55	-2.317e+04	-8.282e+04
		-8.282e+04	-2.317e+04	-6.74e-03	0.0	161.5	-2.206e+04	507.18	93.81	4676.55	-8018.03	-907.70
						323.0	-2.142e+04	507.18	93.81	4676.55	7132.22	8.100e+04
45	129	3.195e+04	3.069e+04	-0.01	0.0	0.0	-2.239e+04	215.99	-137.53	-5816.94	3.069e+04	-3.781e+04
		-3.781e+04	-1.373e+04	0.02	0.0	161.5	-2.175e+04	215.99	-137.53	-5816.94	8482.80	-2932.96
						323.0	-2.110e+04	215.99	-137.53	-5816.94	-1.373e+04	3.195e+04
45	132	5.527e+04	1.923e+04	-0.02	0.0	0.0	-2.256e+04	355.77	229.37	1.054e+04	-5.486e+04	-5.965e+04
		-5.965e+04	-5.486e+04	-0.02	0.0	161.5	-2.192e+04	355.77	229.37	1.054e+04	-1.781e+04	-2190.73
						323.0	-2.127e+04	355.77	229.37	1.054e+04	1.923e+04	5.527e+04
45	157	1.468e+04	-637.61	-9.45e-03	0.0	0.0	-2.230e+04	114.69	8.87	567.04	-3504.19	-2.236e+04
		-2.236e+04	-3504.19	1.69e-03	0.0	161.5	-2.166e+04	114.69	8.87	567.04	-2070.90	-3841.43
						323.0	-2.101e+04	114.69	8.87	567.04	-637.61	1.468e+04
45	160	7.253e+04	6140.22	-0.02	0.0	0.0	-2.266e+04	457.07	82.97	4151.87	-2.066e+04	-7.510e+04
		-7.510e+04	-2.066e+04	-5.66e-03	0.0	161.5	-2.201e+04	457.07	82.97	4151.87	-7258.74	-1282.26
						323.0	-2.136e+04	457.07	82.97	4151.87	6140.22	7.253e+04
45	161	3.459e+04	2.101e+04	-0.01	0.0	0.0	-2.241e+04	231.81	-95.99	-3965.50	2.101e+04	-4.029e+04
		-4.029e+04	-9997.18	0.01	0.0	161.5	-2.177e+04	231.81	-95.99	-3965.50	5505.69	-2848.93
						323.0	-2.112e+04	231.81	-95.99	-3965.50	-9997.18	3.459e+04
45	164	5.263e+04	1.550e+04	-0.02	0.0	0.0	-2.254e+04	339.94	187.83	8684.41	-4.517e+04	-5.718e+04
		-5.718e+04	-4.517e+04	-0.02	0.0	161.5	-2.190e+04	339.94	187.83	8684.41	-1.484e+04	-2274.76
						323.0	-2.125e+04	339.94	187.83	8684.41	1.550e+04	5.263e+04
46	4	5.027e+04	-1939.14	-0.03	0.0	0.0	-1.007e+05	-303.40	11.26	1727.85	-5575.53	5.027e+04

		-4.773e+04	-5575.53	-7.73e-03	0.0	161.5	-9.990e+04	-303.40	11.26	1727.85	-3757.34	1267.87
						323.0	-9.906e+04	-303.40	11.26	1727.85	-1939.14	-4.773e+04
46	5	4.008e+04	1.825e+04	-0.01	0.0	0.0	-5.822e+04	-244.87	132.52	1721.27	-2.456e+04	4.008e+04
		-3.901e+04	-2.456e+04	-8.17e-03	0.0	161.5	-5.757e+04	-244.87	132.52	1721.27	-3155.39	536.36
						323.0	-5.693e+04	-244.87	132.52	1721.27	1.825e+04	-3.901e+04
46	9	5.402e+04	1.280e+04	-0.02	0.0	0.0	-8.736e+04	-333.59	103.80	2014.91	-2.073e+04	5.402e+04
		-5.373e+04	-2.073e+04	-9.44e-03	0.0	161.5	-8.652e+04	-333.59	103.80	2014.91	-3963.12	145.12
						323.0	-8.568e+04	-333.59	103.80	2014.91	1.280e+04	-5.373e+04
46	121	6.294e+04	2.117e+04	-8.26e-03	0.0	0.0	-6.435e+04	-358.06	-121.94	1554.31	2.117e+04	6.294e+04
		-5.271e+04	-1.822e+04	3.39e-03	0.0	161.5	-6.371e+04	-358.06	-121.94	1554.31	1474.16	5118.08
						323.0	-6.306e+04	-358.06	-121.94	1554.31	-1.822e+04	-5.271e+04
46	124	1.628e+04	4.033e+04	-0.02	0.0	0.0	-6.616e+04	-124.02	296.75	1604.42	-5.552e+04	1.628e+04
		-2.378e+04	-5.552e+04	-0.02	0.0	161.5	-6.551e+04	-124.02	296.75	1604.42	-7592.63	-3747.30
						323.0	-6.486e+04	-124.02	296.75	1604.42	4.033e+04	-2.378e+04
46	125	6.318e+04	1.575e+04	-8.22e-03	0.0	0.0	-6.437e+04	-359.39	-92.61	1777.69	1.575e+04	6.318e+04
		-5.290e+04	-1.416e+04	1.84e-03	0.0	161.5	-6.373e+04	-359.39	-92.61	1777.69	791.81	5142.75
						323.0	-6.308e+04	-359.39	-92.61	1777.69	-1.416e+04	-5.290e+04
46	129	4.675e+04	1.125e+05	-0.01	0.0	0.0	-6.454e+04	-276.91	-617.79	-2231.83	1.125e+05	4.675e+04
		-4.269e+04	-8.705e+04	0.03	0.0	161.5	-6.389e+04	-276.91	-617.79	-2231.83	1.273e+04	2027.01
						323.0	-6.325e+04	-276.91	-617.79	-2231.83	-8.705e+04	-4.269e+04
46	132	3.248e+04	1.092e+05	-0.02	0.0	0.0	-6.597e+04	-205.17	792.60	5390.57	-1.469e+05	3.248e+04
		-3.379e+04	-1.469e+05	-0.04	0.0	161.5	-6.532e+04	-205.17	792.60	5390.57	-1.885e+04	-656.22
						323.0	-6.468e+04	-205.17	792.60	5390.57	1.092e+05	-3.379e+04
46	153	5.766e+04	1.248e+04	-9.97e-03	0.0	0.0	-6.456e+04	-331.56	-74.53	1559.99	1.248e+04	5.766e+04
		-4.943e+04	-1.159e+04	1.04e-03	0.0	161.5	-6.391e+04	-331.56	-74.53	1559.99	447.63	4114.36
						323.0	-6.327e+04	-331.56	-74.53	1559.99	-1.159e+04	-4.943e+04
46	156	2.157e+04	3.370e+04	-0.02	0.0	0.0	-6.595e+04	-150.52	249.35	1598.75	-4.684e+04	2.157e+04
		-2.705e+04	-4.684e+04	-0.02	0.0	161.5	-6.531e+04	-150.52	249.35	1598.75	-6566.10	-2743.57
						323.0	-6.466e+04	-150.52	249.35	1598.75	3.370e+04	-2.705e+04
46	157	5.785e+04	8292.81	-9.94e-03	0.0	0.0	-6.457e+04	-332.59	-51.85	1732.79	8292.81	5.785e+04
		-4.958e+04	-8453.23	-2.52e-04	0.0	161.5	-6.393e+04	-332.59	-51.85	1732.79	-80.21	4133.44
						323.0	-6.328e+04	-332.59	-51.85	1732.79	-8453.23	-4.958e+04
46	164	3.409e+04	8.695e+04	-0.02	0.0	0.0	-6.581e+04	-213.29	632.92	4527.57	-1.175e+05	3.409e+04
		-3.480e+04	-1.175e+05	-0.04	0.0	161.5	-6.516e+04	-213.29	632.92	4527.57	-1.527e+04	-352.43
						323.0	-6.451e+04	-213.29	632.92	4527.57	8.695e+04	-3.480e+04
47	1	-2135.53	1291.64	-7.74e-03	0.0	0.0	-3.264e+04	202.66	-0.09	4678.00	-288.50	-6.759e+04
		-6.759e+04	-288.50	2.28e-03	0.0	161.5	-3.180e+04	202.66	-0.09	4678.00	501.57	-3.487e+04
						323.0	-3.096e+04	202.66	-0.09	4678.00	1291.64	-2135.53
47	4	4332.01	2487.08	-0.01	0.0	0.0	-3.713e+04	162.56	-4.27	4344.06	2183.94	-4.817e+04
		-4.817e+04	2183.94	2.84e-03	0.0	161.5	-3.629e+04	162.56	-4.27	4344.06	2335.51	-2.192e+04
						323.0	-3.545e+04	162.56	-4.27	4344.06	2487.08	4332.01
47	5	-4521.96	509.80	4.72e-03	0.0	0.0	-2.323e+04	172.68	2.13	3724.32	-1384.99	-6.030e+04
		-6.030e+04	-1384.99	1.52e-03	0.0	161.5	-2.258e+04	172.68	2.13	3724.32	-437.59	-3.241e+04
						323.0	-2.194e+04	172.68	2.13	3724.32	509.80	-4521.96
47	116	9277.97	2887.19	-0.01	0.0	0.0	-2.545e+04	297.53	70.71	4453.58	-2.058e+04	-8.682e+04
		-8.682e+04	-2.058e+04	-5.30e-03	0.0	161.5	-2.480e+04	297.53	70.71	4453.58	-8848.85	-3.877e+04
						323.0	-2.415e+04	297.53	70.71	4453.58	2887.19	9277.97
47	117	-1.258e+04	1.858e+04	2.72e-03	0.0	0.0	-2.489e+04	13.18	-66.57	3121.95	1.858e+04	-1.684e+04
		-1.684e+04	-1041.28	8.37e-03	0.0	161.5	-2.424e+04	13.18	-66.57	3121.95	8767.50	-1.471e+04
						323.0	-2.360e+04	13.18	-66.57	3121.95	-1041.28	-1.258e+04
47	120	9250.73	3078.58	-0.01	0.0	0.0	-2.545e+04	297.59	66.88	4049.36	-1.911e+04	-8.687e+04
		-8.687e+04	-1.911e+04	-4.84e-03	0.0	161.5	-2.480e+04	297.59	66.88	4049.36	-8017.57	-3.881e+04
						323.0	-2.415e+04	297.59	66.88	4049.36	3078.58	9250.73
47	129	-6292.11	5.287e+04	-3.87e-03	0.0	0.0	-2.508e+04	100.39	-172.86	-3433.03	5.287e+04	-3.872e+04
		-3.872e+04	-673.49	0.02	0.0	161.5	-2.443e+04	100.39	-172.86	-3433.03	2.610e+04	-2.251e+04
						323.0	-2.379e+04	100.39	-172.86	-3433.03	-673.49	-6292.11
47	132	2963.50	2710.79	-7.98e-03	0.0	0.0	-2.526e+04	210.38	173.16	1.060e+04	-5.341e+04	-6.499e+04
		-6.499e+04	-5.341e+04	-0.02	0.0	161.5	-2.461e+04	210.38	173.16	1.060e+04	-2.535e+04	-3.101e+04
						323.0	-2.396e+04	210.38	173.16	1.060e+04	2710.79	2963.50
47	148	6800.23	2464.09	-0.01	0.0	0.0	-2.538e+04	265.34	54.74	4257.05	-1.598e+04	-7.891e+04
		-7.891e+04	-1.598e+04	-3.70e-03	0.0	161.5	-2.474e+04	265.34	54.74	4257.05	-6760.24	-3.605e+04
						323.0	-2.409e+04	265.34	54.74	4257.05	2464.09	6800.23
47	149	-1.011e+04	1.431e+04	2.65e-03	0.0	0.0	-2.495e+04	45.38	-51.46	3226.95	1.431e+04	-2.477e+04
		-2.477e+04	-574.83	6.87e-03	0.0	161.5	-2.431e+04	45.38	-51.46	3226.95	6867.12	-1.744e+04
						323.0	-2.366e+04	45.38	-51.46	3226.95	-574.83	-1.011e+04
47	152	6779.16	2612.13	-0.01	0.0	0.0	-2.538e+04	265.39	51.77	3944.36	-1.485e+04	-7.894e+04
		-7.894e+04	-1.485e+04	-3.35e-03	0.0	161.5	-2.474e+04	265.39	51.77	3944.36	-6117.19	-3.608e+04
						323.0	-2.409e+04	265.39	51.77	3944.36	2612.13	6779.16
47	161	-5244.20	4.084e+04	-4.34e-03	0.0	0.0	-2.510e+04	112.84	-133.68	-1843.74	4.084e+04	-4.169e+04
		-4.169e+04	-290.33	0.02	0.0	161.5	-2.445e+04	112.84	-133.68	-1843.74	2.027e+04	-2.347e+04
						323.0	-2.381e+04	112.84	-133.68	-1843.74	-290.33	-5244.20
47	164	1915.60	2327.63	-7.51e-03	0.0	0.0	-2.524e+04	197.93	133.98	9015.05	-4.137e+04	-6.202e+04
		-6.202e+04	-4.137e+04	-0.01	0.0	161.5	-2.459e+04	197.93	133.98	9015.05	-1.952e+04	-3.005e+04
						323.0	-2.394e+04	197.93	133.98	9015.05	2327.63	1915.60
48	1	-2.034e+05	5.734e+04	0.03	0.0	0.0	-8.612e+04	-47.58	259.60	2482.63	-2.773e+04	-2.034e+05
		-2.187e+05	-2.773e+04	-0.01	0.0	161.5	-8.528e+04	-47.58	259.60	2482.63	1.480e+04	-2.111e+05
						323.0	-8.444e+04	-47.58	259.60	2482.63	5.734e+04	-2.187e+05

48	3	-2.293e+05	6.123e+04	0.04	0.0	0.0	-9.877e+04	-18.61	241.36	1948.71	-1.932e+04	-2.293e+05
		-2.354e+05	-1.932e+04	-9.76e-03	0.0	161.5	-9.793e+04	-18.61	241.36	1948.71	2.095e+04	-2.323e+05
						323.0	-9.709e+04	-18.61	241.36	1948.71	6.123e+04	-2.354e+05
48	4	-2.306e+05	6.099e+04	0.04	0.0	0.0	-9.966e+04	-22.33	238.57	1890.04	-1.875e+04	-2.306e+05
		-2.378e+05	-1.875e+04	-9.73e-03	0.0	161.5	-9.882e+04	-22.33	238.57	1890.04	2.112e+04	-2.342e+05
						323.0	-9.798e+04	-22.33	238.57	1890.04	6.099e+04	-2.378e+05
48	5	-1.443e+05	4.296e+04	0.03	0.0	0.0	-5.989e+04	-41.90	211.15	2210.17	-2.550e+04	-1.443e+05
		-1.579e+05	-2.550e+04	-8.53e-03	0.0	161.5	-5.924e+04	-41.90	211.15	2210.17	8728.26	-1.511e+05
						323.0	-5.860e+04	-41.90	211.15	2210.17	4.296e+04	-1.579e+05
48	114	-1.182e+05	6.766e+04	0.02	0.0	0.0	-6.486e+04	-110.29	414.84	1252.22	-6.120e+04	-1.182e+05
		-1.538e+05	-6.120e+04	-0.02	0.0	161.5	-6.422e+04	-110.29	414.84	1252.22	3227.85	-1.360e+05
						323.0	-6.357e+04	-110.29	414.84	1252.22	6.766e+04	-1.538e+05
48	115	-1.803e+05	2.111e+04	0.03	0.0	0.0	-6.716e+04	44.07	-12.79	2614.91	1.828e+04	-1.945e+05
		-1.945e+05	1.828e+04	2.72e-03	0.0	161.5	-6.651e+04	44.07	-12.79	2614.91	1.969e+04	-1.874e+05
						323.0	-6.587e+04	44.07	-12.79	2614.91	2.111e+04	-1.803e+05
48	117	-1.163e+05	1.961e+04	0.02	0.0	0.0	-6.491e+04	-115.31	-9.84	-1167.32	1.550e+04	-1.163e+05
		-1.536e+05	1.550e+04	2.95e-03	0.0	161.5	-6.427e+04	-115.31	-9.84	-1167.32	1.755e+04	-1.349e+05
						323.0	-6.362e+04	-115.31	-9.84	-1167.32	1.961e+04	-1.536e+05
48	120	-1.806e+05	6.916e+04	0.03	0.0	0.0	-6.711e+04	49.08	411.89	5034.45	-5.842e+04	-1.964e+05
		-1.964e+05	-5.842e+04	-0.02	0.0	161.5	-6.646e+04	49.08	411.89	5034.45	5368.99	-1.885e+05
						323.0	-6.582e+04	49.08	411.89	5034.45	6.916e+04	-1.806e+05
48	132	-1.712e+05	1.311e+05	0.03	0.0	0.0	-6.624e+04	-0.70	966.35	6945.46	-1.597e+05	-1.712e+05
		-1.714e+05	-1.597e+05	-0.04	0.0	161.5	-6.560e+04	-0.70	966.35	6945.46	-1.428e+04	-1.713e+05
						323.0	-6.495e+04	-0.70	966.35	6945.46	1.311e+05	-1.714e+05
48	134	-1.487e+05	1.306e+05	0.03	0.0	0.0	-6.560e+04	-45.92	966.03	5981.84	-1.600e+05	-1.487e+05
		-1.635e+05	-1.600e+05	-0.04	0.0	161.5	-6.496e+04	-45.92	966.03	5981.84	-1.473e+04	-1.561e+05
						323.0	-6.431e+04	-45.92	966.03	5981.84	1.306e+05	-1.635e+05
48	146	-1.268e+05	6.239e+04	0.03	0.0	0.0	-6.512e+04	-92.82	366.42	1406.50	-5.220e+04	-1.268e+05
		-1.568e+05	-5.220e+04	-0.02	0.0	161.5	-6.448e+04	-92.82	366.42	1406.50	5092.11	-1.418e+05
						323.0	-6.383e+04	-92.82	366.42	1406.50	6.239e+04	-1.568e+05
48	147	-1.773e+05	2.638e+04	0.03	0.0	0.0	-6.690e+04	26.59	35.63	2460.63	9279.16	-1.859e+05
		-1.859e+05	9279.16	-3.12e-03	0.0	161.5	-6.625e+04	26.59	35.63	2460.63	1.783e+04	-1.816e+05
						323.0	-6.561e+04	26.59	35.63	2460.63	2.638e+04	-1.773e+05
48	149	-1.254e+05	2.522e+04	0.02	0.0	0.0	-6.516e+04	-96.69	37.91	-465.17	7130.41	-1.254e+05
		-1.566e+05	7130.41	-2.72e-03	0.0	161.5	-6.452e+04	-96.69	37.91	-465.17	1.617e+04	-1.410e+05
						323.0	-6.387e+04	-96.69	37.91	-465.17	2.522e+04	-1.566e+05
48	152	-1.775e+05	6.355e+04	0.03	0.0	0.0	-6.686e+04	30.47	364.14	4332.29	-5.005e+04	-1.873e+05
		-1.873e+05	-5.005e+04	-0.02	0.0	161.5	-6.622e+04	30.47	364.14	4332.29	6748.41	-1.824e+05
						323.0	-6.557e+04	30.47	364.14	4332.29	6.355e+04	-1.775e+05
48	164	-1.678e+05	1.115e+05	0.03	0.0	0.0	-6.619e+04	-8.04	793.05	5810.58	-1.284e+05	-1.678e+05
		-1.704e+05	-1.284e+05	-0.04	0.0	161.5	-6.555e+04	-8.04	793.05	5810.58	-8454.31	-1.691e+05
						323.0	-6.490e+04	-8.04	793.05	5810.58	1.115e+05	-1.704e+05
48	166	-1.504e+05	1.111e+05	0.03	0.0	0.0	-6.570e+04	-43.02	792.81	5065.16	-1.287e+05	-1.504e+05
		-1.643e+05	-1.287e+05	-0.04	0.0	161.5	-6.505e+04	-43.02	792.81	5065.16	-8798.52	-1.574e+05
						323.0	-6.441e+04	-43.02	792.81	5065.16	1.111e+05	-1.643e+05
49	1	3.598e+04	4805.91	-0.02	0.0	0.0	-5.695e+04	241.08	77.84	-650.23	-2.034e+04	-4.189e+04
		-4.189e+04	-2.034e+04	-4.22e-03	0.0	161.5	-5.648e+04	241.08	77.84	-650.23	-7764.79	-2952.32
						323.0	-5.600e+04	241.08	77.84	-650.23	4805.91	3.598e+04
49	4	3.055e+04	3986.68	-0.03	0.0	0.0	-6.877e+04	213.30	78.35	-1003.56	-2.132e+04	-3.835e+04
		-3.835e+04	-2.132e+04	4.05e-03	0.0	161.5	-6.830e+04	213.30	78.35	-1003.56	-8666.18	-3899.44
						323.0	-6.783e+04	213.30	78.35	-1003.56	3986.68	3.055e+04
49	5	3.026e+04	3943.51	-0.01	0.0	0.0	-3.840e+04	198.62	59.04	-349.35	-1.513e+04	-3.390e+04
		-3.390e+04	-1.513e+04	-3.54e-03	0.0	161.5	-3.804e+04	198.62	59.04	-349.35	-5590.97	-1818.58
						323.0	-3.767e+04	198.62	59.04	-349.35	3943.51	3.026e+04
49	9	3.521e+04	4918.46	-0.02	0.0	0.0	-5.828e+04	237.18	78.84	-672.06	-2.055e+04	-4.139e+04
		-4.139e+04	-2.055e+04	-4.13e-03	0.0	161.5	-5.780e+04	237.18	78.84	-672.06	-7814.84	-3090.01
						323.0	-5.733e+04	237.18	78.84	-672.06	4918.46	3.521e+04
49	114	-1180.56	4315.35	7.32e-03	0.0	0.0	-4.331e+04	-1.33	77.25	1459.97	-2.064e+04	-1180.56
		-1609.69	-2.064e+04	-0.01	0.0	161.5	-4.294e+04	-1.33	77.25	1459.97	-8159.90	-1395.13
						323.0	-4.258e+04	-1.33	77.25	1459.97	4315.35	-1609.69
49	115	5.719e+04	2942.64	-0.04	0.0	0.0	-4.407e+04	373.34	41.78	-2466.14	-1.055e+04	-6.340e+04
		-6.340e+04	-1.055e+04	4.21e-03	0.0	161.5	-4.370e+04	373.34	41.78	-2466.14	-3804.36	-3104.79
						323.0	-4.334e+04	373.34	41.78	-2466.14	2942.64	5.719e+04
49	116	5.980e+04	6922.50	-0.04	0.0	0.0	-4.404e+04	389.84	94.61	-490.14	-2.364e+04	-6.611e+04
		-6.611e+04	-2.364e+04	-0.01	0.0	161.5	-4.367e+04	389.84	94.61	-490.14	-8356.54	-3154.46
						323.0	-4.331e+04	389.84	94.61	-490.14	6922.50	5.980e+04
49	132	4.136e+04	1.065e+04	-0.03	0.0	0.0	-4.374e+04	272.17	150.17	2497.73	-3.785e+04	-4.655e+04
		-4.655e+04	-3.785e+04	-0.03	0.0	161.5	-4.338e+04	272.17	150.17	2497.73	-1.360e+04	-2596.64
						323.0	-4.302e+04	272.17	150.17	2497.73	1.065e+04	4.136e+04
49	146	5047.52	4159.94	2.01e-03	0.0	0.0	-4.339e+04	41.09	73.23	1015.46	-1.949e+04	-8224.91
		-8224.91	-1.949e+04	-8.76e-03	0.0	161.5	-4.303e+04	41.09	73.23	1015.46	-7666.77	-1588.69
						323.0	-4.267e+04	41.09	73.23	1015.46	4159.94	5047.52
49	147	5.053e+04	3098.05	-0.03	0.0	0.0	-4.398e+04	330.92	45.79	-2021.63	-1.169e+04	-5.636e+04
		-5.636e+04	-1.169e+04	3.67e-03	0.0	161.5	-4.362e+04	330.92	45.79	-2021.63	-4297.48	-2911.23
						323.0	-4.326e+04	330.92	45.79	-2021.63	3098.05	5.053e+04
49	148	5.256e+04	6176.73	-0.04	0.0	0.0	-4.396e+04	343.68	86.66	-493.07	-2.181e+04	-5.845e+04
		-5.845e+04	-2.181e+04	-0.01	0.0	161.5	-4.359e+04	343.68	86.66	-493.07	-7818.89	-2949.65

						323.0	-4.323e+04	343.68	86.66	-493.07	6176.73	5.256e+04
49	164	3.829e+04	9062.63	-0.02	0.0	0.0	-4.373e+04	252.66	129.64	1818.24	-3.281e+04	-4.332e+04
		-4.332e+04	-3.281e+04	-0.02	0.0	161.5	-4.337e+04	252.66	129.64	1818.24	-1.187e+04	-2518.14
						323.0	-4.300e+04	252.66	129.64	1818.24	9062.63	3.829e+04
50	3	-1.537e+04	8895.02	-0.03	0.0	0.0	-9.379e+04	39.58	-161.61	2091.72	8895.02	-2.815e+04
		-2.815e+04	-4.331e+04	-7.83e-03	0.0	161.5	-9.331e+04	39.58	-161.61	2091.72	-1.721e+04	-2.176e+04
						323.0	-9.284e+04	39.58	-161.61	2091.72	-4.331e+04	-1.537e+04
50	4	-1.478e+04	8607.35	-0.03	0.0	0.0	-9.474e+04	43.47	-159.62	2099.02	8607.35	-2.882e+04
		-2.882e+04	-4.295e+04	-7.77e-03	0.0	161.5	-9.426e+04	43.47	-159.62	2099.02	-1.717e+04	-2.180e+04
						323.0	-9.379e+04	43.47	-159.62	2099.02	-4.295e+04	-1.478e+04
50	5	-1.175e+04	2710.78	-0.01	0.0	0.0	-5.350e+04	-5.27	-73.32	1407.25	2710.78	-1.175e+04
		-1.345e+04	-2.097e+04	-8.13e-03	0.0	161.5	-5.313e+04	-5.27	-73.32	1407.25	-9130.49	-1.260e+04
						323.0	-5.277e+04	-5.27	-73.32	1407.25	-2.097e+04	-1.345e+04
50	116	1.950e+04	-9859.70	-0.04	0.0	0.0	-6.015e+04	215.47	-11.29	3062.42	-9859.70	-5.010e+04
		-5.010e+04	-1.351e+04	-0.02	0.0	161.5	-5.978e+04	215.47	-11.29	3062.42	-1.168e+04	-1.530e+04
						323.0	-5.942e+04	215.47	-11.29	3062.42	-1.351e+04	1.950e+04
50	129	-1240.27	4.837e+04	-6.14e-03	0.0	0.0	-6.161e+04	-77.13	-346.61	1448.68	4.837e+04	-1240.27
		-2.615e+04	-6.359e+04	0.03	0.0	161.5	-6.124e+04	-77.13	-346.61	1448.68	-7607.52	-1.370e+04
						323.0	-6.088e+04	-77.13	-346.61	1448.68	-6.359e+04	-2.615e+04
50	132	807.57	1.292e+04	-0.03	0.0	0.0	-5.953e+04	94.94	164.28	1516.21	-4.014e+04	-2.986e+04
		-2.986e+04	-4.014e+04	-0.04	0.0	161.5	-5.916e+04	94.94	164.28	1516.21	-1.361e+04	-1.453e+04
						323.0	-5.880e+04	94.94	164.28	1516.21	1.292e+04	807.57
50	135	-9552.78	4.836e+04	-0.02	0.0	0.0	-6.155e+04	29.58	-347.04	2379.90	4.836e+04	-1.911e+04
		-1.911e+04	-6.374e+04	0.03	0.0	161.5	-6.119e+04	29.58	-347.04	2379.90	-7688.36	-1.433e+04
						323.0	-6.082e+04	29.58	-347.04	2379.90	-6.374e+04	-9552.78
50	148	1.222e+04	-6695.18	-0.04	0.0	0.0	-6.024e+04	168.70	-29.38	2704.66	-6695.18	-4.227e+04
		-4.227e+04	-1.618e+04	-0.02	0.0	161.5	-5.988e+04	168.70	-29.38	2704.66	-1.144e+04	-1.503e+04
						323.0	-5.951e+04	168.70	-29.38	2704.66	-1.618e+04	1.222e+04
50	161	-4480.33	3.835e+04	-8.48e-03	0.0	0.0	-6.137e+04	-57.64	-288.77	1456.32	3.835e+04	-4480.33
		-2.310e+04	-5.492e+04	0.02	0.0	161.5	-6.101e+04	-57.64	-288.77	1456.32	-8286.80	-1.379e+04
						323.0	-6.064e+04	-57.64	-288.77	1456.32	-5.492e+04	-2.310e+04
50	164	-2244.73	4262.22	-0.02	0.0	0.0	-5.976e+04	75.46	106.44	1508.56	-3.012e+04	-2.662e+04
		-2.662e+04	-3.012e+04	-0.04	0.0	161.5	-5.940e+04	75.46	106.44	1508.56	-1.293e+04	-1.443e+04
						323.0	-5.903e+04	75.46	106.44	1508.56	4262.22	-2244.73
50	167	-1.026e+04	3.834e+04	-0.02	0.0	0.0	-6.133e+04	24.90	-289.10	2176.68	3.834e+04	-1.830e+04
		-1.830e+04	-5.504e+04	0.02	0.0	161.5	-6.096e+04	24.90	-289.10	2176.68	-8349.33	-1.428e+04
						323.0	-6.060e+04	24.90	-289.10	2176.68	-5.504e+04	-1.026e+04
51	1	1.214e+04	5605.11	-5.20e-03	0.0	0.0	-5.948e+04	-80.64	-48.81	2144.74	5605.11	1.214e+04
		-1.390e+04	-1.021e+04	-1.04e-03	-0.29	161.5	-5.900e+04	-80.64	-48.96	2144.74	-2289.88	-879.50
						323.0	-5.853e+04	-80.64	-49.10	2144.74	-1.021e+04	-1.390e+04
51	4	1.877e+04	3235.71	-8.72e-03	0.0	0.0	-7.098e+04	-126.55	-40.80	1832.01	3235.71	1.877e+04
		-2.211e+04	-9989.22	2.59e-03	-0.29	161.5	-7.051e+04	-126.55	-40.94	1832.01	-3364.95	-1668.60
						323.0	-7.004e+04	-126.55	-41.09	1832.01	-9989.22	-2.211e+04
51	5	6557.90	5481.78	-2.40e-03	0.0	0.0	-4.040e+04	-42.90	-41.67	1802.62	5481.78	6557.90
		-7298.28	-8013.49	-1.51e-03	-0.22	161.5	-4.004e+04	-42.90	-41.78	1802.62	-1256.77	-370.19
						323.0	-3.968e+04	-42.90	-41.89	1802.62	-8013.49	-7298.28
51	125	2.450e+04	9508.10	7.48e-03	0.0	0.0	-4.531e+04	-155.76	-57.41	1053.88	9508.10	2.450e+04
		-2.581e+04	-9070.86	6.19e-03	-0.22	161.5	-4.494e+04	-155.76	-57.52	1053.88	227.70	-651.19
						323.0	-4.458e+04	-155.76	-57.63	1053.88	-9070.86	-2.581e+04
51	128	4144.90	-728.81	-0.01	0.0	0.0	-4.586e+04	30.32	-18.42	2263.59	-728.81	-5648.35
		-5648.35	-6713.92	-7.74e-03	-0.22	161.5	-4.550e+04	30.32	-18.53	2263.59	-3712.28	-751.72
						323.0	-4.514e+04	30.32	-18.64	2263.59	-6713.92	4144.90
51	134	1.355e+04	-164.25	1.08e-03	0.0	0.0	-4.562e+04	-86.85	55.11	4945.68	-1.793e+04	1.355e+04
		-1.451e+04	-1.793e+04	-0.03	-0.22	161.5	-4.525e+04	-86.85	55.00	4945.68	-9037.89	-479.91
						323.0	-4.489e+04	-86.85	54.89	4945.68	-164.25	-1.451e+04
51	135	5309.97	2.671e+04	-7.73e-03	0.0	0.0	-4.555e+04	-38.59	-130.94	-1628.21	2.671e+04	5309.97
		-7155.99	-1.562e+04	0.03	-0.22	161.5	-4.519e+04	-38.59	-131.05	-1628.21	5553.31	-923.01
						323.0	-4.483e+04	-38.59	-131.16	-1628.21	-1.562e+04	-7155.99
51	157	2.109e+04	8349.09	5.19e-03	0.0	0.0	-4.537e+04	-134.69	-52.99	1190.84	8349.09	2.109e+04
		-2.242e+04	-8804.01	4.70e-03	-0.22	161.5	-4.501e+04	-134.69	-53.11	1190.84	-218.37	-662.58
						323.0	-4.464e+04	-134.69	-53.22	1190.84	-8804.01	-2.242e+04
51	160	753.82	430.20	-0.01	0.0	0.0	-4.580e+04	9.25	-22.83	2126.63	430.20	-2234.51
		-2234.51	-6980.77	-6.17e-03	-0.22	161.5	-4.544e+04	9.25	-22.94	2126.63	-3266.20	-740.34
						323.0	-4.507e+04	9.25	-23.06	2126.63	-6980.77	753.82
51	167	6242.44	2.166e+04	-6.88e-03	0.0	0.0	-4.556e+04	-44.06	-109.87	-883.93	2.166e+04	6242.44
		-7988.13	-1.387e+04	0.02	-0.22	161.5	-4.520e+04	-44.06	-109.99	-883.93	3901.32	-872.84
						323.0	-4.483e+04	-44.06	-110.10	-883.93	-1.387e+04	-7988.13
52	1	7.135e+04	1.637e+04	-0.02	0.0	0.0	-6.777e+04	296.20	-175.45	-195.93	1.637e+04	-2.432e+04
		-2.432e+04	-4.035e+04	-9.70e-03	-0.29	161.5	-6.730e+04	296.20	-175.59	-195.93	-1.198e+04	2.352e+04
						323.0	-6.683e+04	296.20	-175.74	-195.93	-4.035e+04	7.135e+04
52	4	9.447e+04	1.032e+04	-0.03	0.0	0.0	-8.048e+04	401.87	-144.50	306.78	1.032e+04	-3.533e+04
		-3.533e+04	-3.640e+04	-7.77e-03	-0.29	161.5	-8.001e+04	401.87	-144.64	306.78	-1.303e+04	2.957e+04
						323.0	-7.953e+04	401.87	-144.79	306.78	-3.640e+04	9.447e+04
52	5	4.586e+04	1.556e+04	-0.01	0.0	0.0	-4.631e+04	186.55	-150.59	-397.07	1.556e+04	-1.440e+04
		-1.440e+04	-3.312e+04	-8.30e-03	-0.22	161.5	-4.594e+04	186.55	-150.70	-397.07	-8774.20	1.573e+04
						323.0	-4.558e+04	186.55	-150.82	-397.07	-3.312e+04	4.586e+04
52	122	4.700e+04	-2088.49	-8.53e-03	0.0	0.0	-5.161e+04	167.41	-44.69	-724.96	-2088.49	-7077.71

		-7077.71	-1.656e+04	-0.02	-0.22	161.5	-5.125e+04	167.41	-44.81	-724.96	-9315.74	1.996e+04
						323.0	-5.088e+04	167.41	-44.92	-724.96	-1.656e+04	4.700e+04
52	123	6.416e+04	2.763e+04	-0.02	0.0	0.0	-5.238e+04	294.57	-227.62	394.13	2.763e+04	-3.098e+04
		-3.098e+04	-4.593e+04	9.57e-03	-0.22	161.5	-5.202e+04	294.57	-227.73	394.13	-9141.32	1.659e+04
						323.0	-5.165e+04	294.57	-227.84	394.13	-4.593e+04	6.416e+04
52	127	6.420e+04	2.551e+04	-0.02	0.0	0.0	-5.237e+04	294.67	-214.57	374.50	2.551e+04	-3.098e+04
		-3.098e+04	-4.383e+04	8.25e-03	-0.22	161.5	-5.201e+04	294.67	-214.68	374.50	-9151.54	1.661e+04
						323.0	-5.164e+04	294.67	-214.79	374.50	-4.383e+04	6.420e+04
52	129	5.382e+04	6.336e+04	-0.01	0.0	0.0	-5.215e+04	218.72	-447.34	-88.06	6.336e+04	-1.683e+04
		-1.683e+04	-8.116e+04	0.03	-0.22	161.5	-5.178e+04	218.72	-447.45	-88.06	-8889.89	1.849e+04
						323.0	-5.142e+04	218.72	-447.57	-88.06	-8.116e+04	5.382e+04
52	154	4.894e+04	1275.96	-9.65e-03	0.0	0.0	-5.170e+04	181.81	-65.40	-598.26	1275.96	-9784.08
		-9784.08	-1.989e+04	-0.02	-0.22	161.5	-5.133e+04	181.81	-65.52	-598.26	-9295.99	1.958e+04
						323.0	-5.097e+04	181.81	-65.63	-598.26	-1.989e+04	4.894e+04
52	155	6.222e+04	2.426e+04	-0.02	0.0	0.0	-5.229e+04	280.17	-206.91	267.43	2.426e+04	-2.828e+04
		-2.828e+04	-4.260e+04	7.43e-03	-0.22	161.5	-5.193e+04	280.17	-207.02	267.43	-9161.07	1.697e+04
						323.0	-5.157e+04	280.17	-207.13	267.43	-4.260e+04	6.222e+04
52	159	6.225e+04	2.263e+04	-0.02	0.0	0.0	-5.229e+04	280.25	-196.81	252.24	2.263e+04	-2.828e+04
		-2.828e+04	-4.098e+04	6.55e-03	-0.22	161.5	-5.192e+04	280.25	-196.92	252.24	-9168.97	1.698e+04
						323.0	-5.156e+04	280.25	-197.04	252.24	-4.098e+04	6.225e+04
52	161	5.422e+04	5.191e+04	-0.01	0.0	0.0	-5.211e+04	221.50	-376.88	-105.58	5.191e+04	-1.733e+04
		-1.733e+04	-6.986e+04	0.02	-0.22	161.5	-5.175e+04	221.50	-376.99	-105.58	-8966.57	1.844e+04
						323.0	-5.138e+04	221.50	-377.10	-105.58	-6.986e+04	5.422e+04
75	3	7092.28	5.389e+04	-0.07	0.0	0.0	-5.815e+04	8.28	-238.18	-954.42	5.389e+04	3632.61
		3632.61	-4.567e+04	-0.01	0.0	209.0	-5.754e+04	8.28	-238.18	-954.42	4110.77	5362.45
						418.0	-5.692e+04	8.28	-238.18	-954.42	-4.567e+04	7092.28
75	4	7754.65	5.333e+04	-0.07	0.0	0.0	-5.911e+04	11.22	-234.78	-974.74	5.333e+04	3062.98
		3062.98	-4.481e+04	-0.01	0.0	209.0	-5.850e+04	11.22	-234.78	-974.74	4256.75	5408.82
						418.0	-5.789e+04	11.22	-234.78	-974.74	-4.481e+04	7754.65
75	5	6373.31	2.579e+04	-0.04	0.0	0.0	-3.479e+04	-15.73	-111.59	-12.19	2.579e+04	6373.31
		-202.78	-2.086e+04	-9.92e-03	0.0	209.0	-3.432e+04	-15.73	-111.59	-12.19	2465.74	3085.27
						418.0	-3.385e+04	-15.73	-111.59	-12.19	-2.086e+04	-202.78
75	113	4.920e+04	4.847e+04	0.02	0.0	0.0	-3.890e+04	-218.11	-218.56	-1419.11	4.847e+04	4.920e+04
		-4.197e+04	-4.288e+04	0.02	0.0	209.0	-3.843e+04	-218.11	-218.56	-1419.11	2795.87	3614.63
						418.0	-3.796e+04	-218.11	-218.56	-1419.11	-4.288e+04	-4.197e+04
75	129	2.335e+04	8.684e+04	-0.02	0.0	0.0	-3.919e+04	-94.75	-402.65	-1320.85	8.684e+04	2.335e+04
		-1.626e+04	-8.147e+04	0.08	0.0	209.0	-3.872e+04	-94.75	-402.65	-1320.85	2680.80	3543.65
						418.0	-3.825e+04	-94.75	-402.65	-1320.85	-8.147e+04	-1.626e+04
75	132	2.038e+04	2.997e+04	-0.07	0.0	0.0	-3.823e+04	81.17	129.76	759.94	-2.427e+04	-1.355e+04
		-1.355e+04	-2.427e+04	-0.09	0.0	209.0	-3.776e+04	81.17	129.76	759.94	2850.60	3411.02
						418.0	-3.729e+04	81.17	129.76	759.94	2.997e+04	2.038e+04
75	135	6868.71	8.711e+04	-0.05	0.0	0.0	-3.916e+04	16.26	-404.14	-858.21	8.711e+04	71.46
		71.46	-8.182e+04	0.07	0.0	209.0	-3.869e+04	16.26	-404.14	-858.21	2644.19	3470.09
						418.0	-3.822e+04	16.26	-404.14	-858.21	-8.182e+04	6868.71
75	145	3.917e+04	4.458e+04	-6.92e-03	0.0	0.0	-3.886e+04	-170.26	-199.96	-1161.27	4.458e+04	3.917e+04
		-3.200e+04	-3.900e+04	0.01	0.0	209.0	-3.839e+04	-170.26	-199.96	-1161.27	2789.04	3583.54
						418.0	-3.792e+04	-170.26	-199.96	-1161.27	-3.900e+04	-3.200e+04
75	161	1.917e+04	7.426e+04	-0.03	0.0	0.0	-3.908e+04	-74.83	-342.37	-1085.26	7.426e+04	1.917e+04
		-1.211e+04	-6.886e+04	0.06	0.0	209.0	-3.861e+04	-74.83	-342.37	-1085.26	2700.02	3528.64
						418.0	-3.814e+04	-74.83	-342.37	-1085.26	-6.886e+04	-1.211e+04
75	164	1.623e+04	1.735e+04	-0.06	0.0	0.0	-3.834e+04	61.25	69.48	524.36	-1.169e+04	-9375.66
		-9375.66	-1.169e+04	-0.07	0.0	209.0	-3.787e+04	61.25	69.48	524.36	2831.38	3426.03
						418.0	-3.740e+04	61.25	69.48	524.36	1.735e+04	1.623e+04
75	167	5779.48	7.447e+04	-0.05	0.0	0.0	-3.906e+04	11.04	-343.52	-727.39	7.447e+04	1163.98
		1163.98	-6.912e+04	0.06	0.0	209.0	-3.859e+04	11.04	-343.52	-727.39	2671.71	3471.73
						418.0	-3.812e+04	11.04	-343.52	-727.39	-6.912e+04	5779.48
76	3	6.990e+05	7.898e+04	-0.13	0.0	0.0	-7.535e+04	2674.56	359.91	-2599.56	-7.147e+04	-4.190e+05
		-4.190e+05	-7.147e+04	-9.78e-03	0.0	209.0	-7.427e+04	2674.56	359.91	-2599.56	3752.85	1.400e+05
						418.0	-7.318e+04	2674.56	359.91	-2599.56	7.898e+04	6.990e+05
76	4	6.951e+05	7.905e+04	-0.13	0.0	0.0	-7.651e+04	2660.38	360.09	-2685.22	-7.147e+04	-4.169e+05
		-4.169e+05	-7.147e+04	-9.68e-03	0.0	209.0	-7.543e+04	2660.38	360.09	-2685.22	3791.89	1.391e+05
						418.0	-7.434e+04	2660.38	360.09	-2685.22	7.905e+04	6.951e+05
76	5	3.611e+05	5.185e+04	-0.06	0.0	0.0	-4.527e+04	1378.16	238.32	-764.16	-4.777e+04	-2.150e+05
		-2.150e+05	-4.777e+04	-0.01	0.0	209.0	-4.444e+04	1378.16	238.32	-764.16	2040.21	7.306e+04
						418.0	-4.360e+04	1378.16	238.32	-764.16	5.185e+04	3.611e+05
76	114	3.249e+05	9.911e+04	-0.04	0.0	0.0	-4.956e+04	1137.80	457.79	-1858.78	-9.225e+04	-1.507e+05
		-1.507e+05	-9.225e+04	-0.03	0.0	209.0	-4.872e+04	1137.80	457.79	-1858.78	3430.51	8.715e+04
						418.0	-4.788e+04	1137.80	457.79	-1858.78	9.911e+04	3.249e+05
76	115	5.228e+05	1.110e+04	-0.12	0.0	0.0	-5.095e+04	2101.68	46.94	-620.14	-8520.57	-3.557e+05
		-3.557e+05	-8520.57	0.01	0.0	209.0	-5.011e+04	2101.68	46.94	-620.14	1289.49	8.351e+04
						418.0	-4.928e+04	2101.68	46.94	-620.14	1.110e+04	5.228e+05
76	116	5.304e+05	1.047e+05	-0.12	0.0	0.0	-5.092e+04	2138.47	483.83	2613.10	-9.755e+04	-3.635e+05
		-3.635e+05	-9.755e+04	-0.04	0.0	209.0	-5.009e+04	2138.47	483.83	2613.10	3566.01	8.342e+04
						418.0	-4.925e+04	2138.47	483.83	2613.10	1.047e+05	5.304e+05
76	134	4.084e+05	2.120e+05	-0.07	0.0	0.0	-5.002e+04	1543.88	985.02	3929.72	-1.997e+05	-2.370e+05
		-2.370e+05	-1.997e+05	-0.09	0.0	209.0	-4.918e+04	1543.88	985.02	3929.72	6172.99	8.569e+04
						418.0	-4.835e+04	1543.88	985.02	3929.72	2.120e+05	4.084e+05

76	146	3.473e+05	8.914e+04	-0.05	0.0	0.0	-4.971e+04	1246.93	411.27	-1718.55	-8.277e+04	-1.739e+05
		-1.739e+05	-8.277e+04	-0.03	0.0	209.0	-4.888e+04	1246.93	411.27	-1718.55	3188.11	8.673e+04
						418.0	-4.804e+04	1246.93	411.27	-1718.55	8.914e+04	3.473e+05
76	147	5.004e+05	2.106e+04	-0.11	0.0	0.0	-5.079e+04	1992.55	93.45	-760.38	-1.800e+04	-3.325e+05
		-3.325e+05	-1.800e+04	9.11e-03	0.0	209.0	-4.995e+04	1992.55	93.45	-760.38	1531.89	8.392e+04
						418.0	-4.912e+04	1992.55	93.45	-760.38	2.106e+04	5.004e+05
76	148	5.062e+05	9.346e+04	-0.11	0.0	0.0	-5.077e+04	2021.01	431.41	1740.74	-8.687e+04	-3.385e+05
		-3.385e+05	-8.687e+04	-0.03	0.0	209.0	-4.993e+04	2021.01	431.41	1740.74	3292.93	8.385e+04
						418.0	-4.910e+04	2021.01	431.41	1740.74	9.346e+04	5.062e+05
76	166	4.119e+05	1.765e+05	-0.07	0.0	0.0	-5.007e+04	1561.06	819.12	2759.22	-1.659e+05	-2.407e+05
		-2.407e+05	-1.659e+05	-0.07	0.0	209.0	-4.923e+04	1561.06	819.12	2759.22	5309.59	8.561e+04
						418.0	-4.840e+04	1561.06	819.12	2759.22	1.765e+05	4.119e+05
77	3	6.661e+05	1.398e+04	-0.12	0.0	0.0	-7.181e+04	2484.05	-70.44	6566.12	1.398e+04	-3.722e+05
		-3.722e+05	-1.547e+04	-7.80e-03	0.0	209.0	-7.073e+04	2484.05	-70.44	6566.12	-745.09	1.469e+05
						418.0	-6.964e+04	2484.05	-70.44	6566.12	-1.547e+04	6.661e+05
77	4	6.618e+05	1.453e+04	-0.12	0.0	0.0	-7.292e+04	2467.29	-72.97	6598.44	1.453e+04	-3.695e+05
		-3.695e+05	-1.597e+04	-7.71e-03	0.0	209.0	-7.184e+04	2467.29	-72.97	6598.44	-716.17	1.462e+05
						418.0	-7.075e+04	2467.29	-72.97	6598.44	-1.597e+04	6.618e+05
77	5	3.415e+05	6513.47	-0.06	0.0	0.0	-4.347e+04	1260.52	33.57	4282.14	-7518.26	-1.854e+05
		-1.854e+05	-7518.26	-0.01	0.0	209.0	-4.263e+04	1260.52	33.57	4282.14	-502.40	7.802e+04
						418.0	-4.180e+04	1260.52	33.57	4282.14	6513.47	3.415e+05
77	121	3.352e+05	4.322e+04	-0.04	0.0	0.0	-4.749e+04	1169.12	-213.12	277.84	4.322e+04	-1.535e+05
		-1.535e+05	-4.587e+04	0.02	0.0	209.0	-4.665e+04	1169.12	-213.12	277.84	-1326.94	9.087e+04
						418.0	-4.581e+04	1169.12	-213.12	277.84	-4.587e+04	3.352e+05
77	123	4.696e+05	4.612e+04	-0.10	0.0	0.0	-4.859e+04	1815.98	-226.63	5638.21	4.612e+04	-2.895e+05
		-2.895e+05	-4.861e+04	0.02	0.0	209.0	-4.776e+04	1815.98	-226.63	5638.21	-1242.38	9.002e+04
						418.0	-4.692e+04	1815.98	-226.63	5638.21	-4.861e+04	4.696e+05
77	124	4.688e+05	4.523e+04	-0.10	0.0	0.0	-4.871e+04	1812.38	215.02	8867.88	-4.465e+04	-2.887e+05
		-2.887e+05	-4.465e+04	-0.03	0.0	209.0	-4.787e+04	1812.38	215.02	8867.88	289.80	9.006e+04
						418.0	-4.704e+04	1812.38	215.02	8867.88	4.523e+04	4.688e+05
77	129	3.844e+05	1.519e+05	-0.06	0.0	0.0	-4.774e+04	1405.97	-741.66	-1826.54	1.519e+05	-2.033e+05
		-2.033e+05	-1.581e+05	0.07	0.0	209.0	-4.691e+04	1405.97	-741.66	-1826.54	-3109.68	9.052e+04
						418.0	-4.607e+04	1405.97	-741.66	-1826.54	-1.581e+05	3.844e+05
77	132	4.197e+05	1.575e+05	-0.08	0.0	0.0	-4.845e+04	1575.53	743.56	1.097e+04	-1.533e+05	-2.389e+05
		-2.389e+05	-1.533e+05	-0.09	0.0	209.0	-4.761e+04	1575.53	743.56	1.097e+04	2072.54	9.041e+04
						418.0	-4.678e+04	1575.53	743.56	1.097e+04	1.575e+05	4.197e+05
77	153	3.503e+05	3.327e+04	-0.05	0.0	0.0	-4.762e+04	1241.95	-164.65	1250.39	3.327e+04	-1.688e+05
		-1.688e+05	-3.556e+04	9.93e-03	0.0	209.0	-4.679e+04	1241.95	-164.65	1250.39	-1143.90	9.078e+04
						418.0	-4.595e+04	1241.95	-164.65	1250.39	-3.556e+04	3.503e+05
77	155	4.543e+05	3.552e+04	-0.09	0.0	0.0	-4.848e+04	1742.33	-175.10	5396.98	3.552e+04	-2.740e+05
		-2.740e+05	-3.767e+04	0.01	0.0	209.0	-4.764e+04	1742.33	-175.10	5396.98	-1078.48	9.012e+04
						418.0	-4.681e+04	1742.33	-175.10	5396.98	-3.767e+04	4.543e+05
77	156	4.537e+05	3.491e+04	-0.09	0.0	0.0	-4.857e+04	1739.55	166.54	7895.33	-3.470e+04	-2.734e+05
		-2.734e+05	-3.470e+04	-0.03	0.0	209.0	-4.774e+04	1739.55	166.54	7895.33	106.76	9.015e+04
						418.0	-4.690e+04	1739.55	166.54	7895.33	3.491e+04	4.537e+05
77	161	3.884e+05	1.173e+05	-0.06	0.0	0.0	-4.782e+04	1425.16	-573.51	-377.48	1.173e+05	-2.073e+05
		-2.073e+05	-1.224e+05	0.06	0.0	209.0	-4.699e+04	1425.16	-573.51	-377.48	-2522.96	9.051e+04
						418.0	-4.615e+04	1425.16	-573.51	-377.48	-1.224e+05	3.884e+05
77	164	4.157e+05	1.217e+05	-0.08	0.0	0.0	-4.837e+04	1556.34	575.40	9523.20	-1.188e+05	-2.349e+05
		-2.349e+05	-1.188e+05	-0.07	0.0	209.0	-4.753e+04	1556.34	575.40	9523.20	1485.82	9.042e+04
						418.0	-4.670e+04	1556.34	575.40	9523.20	1.217e+05	4.157e+05
78	1	9.884e+04	4.802e+04	-0.04	0.0	0.0	-4.309e+04	488.67	-223.80	2386.12	4.802e+04	-1.054e+05
		-1.054e+05	-4.547e+04	-0.01	0.29	209.0	-4.248e+04	488.67	-223.65	2386.12	1259.64	-3293.31
						418.0	-4.187e+04	488.67	-223.51	2386.12	-4.547e+04	9.884e+04
78	3	1.373e+05	4.715e+04	-0.05	0.0	0.0	-4.905e+04	669.82	-218.51	2757.11	4.715e+04	-1.427e+05
		-1.427e+05	-4.413e+04	-8.76e-03	0.29	209.0	-4.844e+04	669.82	-218.37	2757.11	1491.98	-2723.86
						418.0	-4.782e+04	669.82	-218.22	2757.11	-4.413e+04	1.373e+05
78	4	1.369e+05	4.669e+04	-0.06	0.0	0.0	-4.978e+04	668.88	-216.00	2786.43	4.669e+04	-1.427e+05
		-1.427e+05	-4.354e+04	-8.73e-03	0.29	209.0	-4.917e+04	668.88	-215.86	2786.43	1556.28	-2857.75
						418.0	-4.856e+04	668.88	-215.71	2786.43	-4.354e+04	1.369e+05
78	5	6.166e+04	3.802e+04	-0.02	0.0	0.0	-2.965e+04	307.18	-178.26	1640.68	3.802e+04	-6.674e+04
		-6.674e+04	-3.644e+04	-0.01	0.22	209.0	-2.918e+04	307.18	-178.14	1640.68	775.48	-2537.24
						418.0	-2.871e+04	307.18	-178.03	1640.68	-3.644e+04	6.166e+04
78	122	6.989e+04	1.643e+04	-0.01	0.0	0.0	-3.259e+04	345.24	-74.61	1757.29	1.643e+04	-7.442e+04
		-7.442e+04	-1.471e+04	-0.03	0.22	209.0	-3.212e+04	345.24	-74.50	1757.29	850.81	-2268.23
						418.0	-3.165e+04	345.24	-74.38	1757.29	-1.471e+04	6.989e+04
78	123	8.505e+04	5.803e+04	-0.05	0.0	0.0	-3.305e+04	419.26	-272.89	1892.68	5.803e+04	-9.020e+04
		-9.020e+04	-5.599e+04	0.02	0.22	209.0	-3.258e+04	419.26	-272.78	1892.68	1011.79	-2574.04
						418.0	-3.211e+04	419.26	-272.66	1892.68	-5.599e+04	8.505e+04
78	128	8.560e+04	2.061e+04	-0.05	0.0	0.0	-3.301e+04	421.80	-94.33	2088.09	2.061e+04	-9.071e+04
		-9.071e+04	-1.877e+04	-0.03	0.22	209.0	-3.254e+04	421.80	-94.21	2088.09	909.99	-2557.44
						418.0	-3.207e+04	421.80	-94.10	2088.09	-1.877e+04	8.560e+04
78	129	7.463e+04	1.053e+05	-0.02	0.0	0.0	-3.283e+04	368.51	-498.72	1359.63	1.053e+05	-7.940e+04
		-7.940e+04	-1.031e+05	0.08	0.22	209.0	-3.236e+04	368.51	-498.61	1359.63	1120.78	-2385.26
						418.0	-3.189e+04	368.51	-498.49	1359.63	-1.031e+05	7.463e+04
78	154	7.160e+04	2.114e+04	-0.02	0.0	0.0	-3.264e+04	353.62	-97.06	1772.62	2.114e+04	-7.621e+04
		-7.621e+04	-1.938e+04	-0.03	0.22	209.0	-3.217e+04	353.62	-96.95	1772.62	869.04	-2302.85

						418.0	-3.170e+04	353.62	-96.83	1772.62	-1.938e+04	7.160e+04
78	155	8.333e+04	5.332e+04	-0.04	0.0	0.0	-3.300e+04	410.88	-250.44	1877.35	5.332e+04	-8.841e+04
		-8.841e+04	-5.131e+04	0.02	0.22	209.0	-3.253e+04	410.88	-250.33	1877.35	993.57	-2539.42
						418.0	-3.206e+04	410.88	-250.22	1877.35	-5.131e+04	8.333e+04
78	160	8.376e+04	2.438e+04	-0.04	0.0	0.0	-3.297e+04	412.84	-112.31	2028.51	2.438e+04	-8.881e+04
		-8.881e+04	-2.252e+04	-0.02	0.22	209.0	-3.250e+04	412.84	-112.20	2028.51	914.81	-2526.58
						418.0	-3.203e+04	412.84	-112.09	2028.51	-2.252e+04	8.376e+04
78	161	7.528e+04	8.992e+04	-0.03	0.0	0.0	-3.283e+04	371.62	-425.13	1465.00	8.992e+04	-8.006e+04
		-8.006e+04	-8.774e+04	0.06	0.22	209.0	-3.236e+04	371.62	-425.02	1465.00	1077.87	-2393.38
						418.0	-3.189e+04	371.62	-424.91	1465.00	-8.774e+04	7.528e+04
87	4	2.431e+05	7.442e+04	-0.09	0.0	0.0	-1.830e+04	1905.47	-528.20	1536.47	7.442e+04	-2.752e+05
		-2.752e+05	-6.925e+04	6.38e-03	0.0	136.0	-1.791e+04	1905.47	-528.20	1536.47	2582.25	-1.603e+04
						272.0	-1.751e+04	1905.47	-528.20	1536.47	-6.925e+04	2.431e+05
87	5	1.409e+05	5.859e+04	-0.05	0.0	0.0	-1.229e+04	1068.18	-419.73	990.44	5.859e+04	-1.496e+05
		-1.496e+05	-5.558e+04	-3.99e-03	0.0	136.0	-1.199e+04	1068.18	-419.73	990.44	1506.69	-4333.85
						272.0	-1.168e+04	1068.18	-419.73	990.44	-5.558e+04	1.409e+05
87	9	2.215e+05	7.644e+04	-0.08	0.0	0.0	-1.905e+04	1670.24	-549.95	1490.59	7.644e+04	-2.328e+05
		-2.328e+05	-7.315e+04	4.35e-03	0.0	136.0	-1.865e+04	1670.24	-549.95	1490.59	1644.23	-5658.86
						272.0	-1.825e+04	1670.24	-549.95	1490.59	-7.315e+04	2.215e+05
87	11	2.408e+05	7.522e+04	-0.08	0.0	0.0	-1.905e+04	1859.62	-537.05	1550.09	7.522e+04	-2.650e+05
		-2.650e+05	-7.086e+04	6.11e-03	0.0	136.0	-1.865e+04	1859.62	-537.05	1550.09	2180.66	-1.212e+04
						272.0	-1.825e+04	1859.62	-537.05	1550.09	-7.086e+04	2.408e+05
87	121	1.329e+05	6.808e+04	-0.04	0.0	0.0	-1.289e+04	1036.89	-486.31	438.62	6.808e+04	-1.491e+05
		-1.491e+05	-6.420e+04	7.52e-03	0.0	136.0	-1.258e+04	1036.89	-486.31	438.62	1942.07	-8076.62
						272.0	-1.227e+04	1036.89	-486.31	438.62	-6.420e+04	1.329e+05
87	123	1.853e+05	6.801e+04	-0.07	0.0	0.0	-1.306e+04	1408.28	-485.50	1146.46	6.801e+04	-1.978e+05
		-1.978e+05	-6.405e+04	8.13e-03	0.0	136.0	-1.276e+04	1408.28	-485.50	1146.46	1980.09	-6268.63
						272.0	-1.245e+04	1408.28	-485.50	1146.46	-6.405e+04	1.853e+05
87	124	1.829e+05	4.815e+04	-0.07	0.0	0.0	-1.306e+04	1391.16	-343.73	1684.77	4.815e+04	-1.955e+05
		-1.955e+05	-4.534e+04	-5.94e-03	0.0	136.0	-1.276e+04	1391.16	-343.73	1684.77	1402.99	-6284.52
						272.0	-1.245e+04	1391.16	-343.73	1684.77	-4.534e+04	1.829e+05
87	129	1.552e+05	9.160e+04	-0.05	0.0	0.0	-1.295e+04	1195.69	-654.09	38.85	9.160e+04	-1.700e+05
		-1.700e+05	-8.632e+04	0.02	0.0	136.0	-1.264e+04	1195.69	-654.09	38.85	2640.62	-7379.12
						272.0	-1.234e+04	1195.69	-654.09	38.85	-8.632e+04	1.552e+05
87	153	1.386e+05	6.582e+04	-0.04	0.0	0.0	-1.291e+04	1077.00	-470.17	579.71	6.582e+04	-1.543e+05
		-1.543e+05	-6.206e+04	6.30e-03	0.0	136.0	-1.260e+04	1077.00	-470.17	579.71	1881.04	-7873.72
						272.0	-1.230e+04	1077.00	-470.17	579.71	-6.206e+04	1.386e+05
87	155	1.791e+05	6.577e+04	-0.07	0.0	0.0	-1.304e+04	1364.29	-469.54	1127.26	6.577e+04	-1.920e+05
		-1.920e+05	-6.195e+04	6.77e-03	0.0	136.0	-1.274e+04	1364.29	-469.54	1127.26	1910.45	-6475.13
						272.0	-1.243e+04	1364.29	-469.54	1127.26	-6.195e+04	1.791e+05
87	156	1.773e+05	5.041e+04	-0.07	0.0	0.0	-1.304e+04	1351.05	-359.88	1543.69	5.041e+04	-1.902e+05
		-1.902e+05	-4.748e+04	-4.64e-03	0.0	136.0	-1.274e+04	1351.05	-359.88	1543.69	1464.02	-6487.42
						272.0	-1.243e+04	1351.05	-359.88	1543.69	-4.748e+04	1.773e+05
87	161	1.558e+05	8.402e+04	-0.05	0.0	0.0	-1.296e+04	1199.84	-599.95	270.46	8.402e+04	-1.705e+05
		-1.705e+05	-7.917e+04	0.02	0.0	136.0	-1.265e+04	1199.84	-599.95	270.46	2421.41	-7334.16
						272.0	-1.234e+04	1199.84	-599.95	270.46	-7.917e+04	1.558e+05
88	4	1.442e+06	6.637e+04	-0.08	0.0	0.0	-2.807e+04	1.066e+04	-453.60	-8334.74	6.637e+04	-1.457e+06
		-1.457e+06	-5.701e+04	3.33e-03	0.0	136.0	-2.736e+04	1.066e+04	-453.60	-8334.74	4684.06	-7365.24
						272.0	-2.665e+04	1.066e+04	-453.60	-8334.74	-5.701e+04	1.442e+06
88	5	9.322e+05	1.583e+04	-0.05	0.0	0.0	-1.891e+04	6570.81	-110.41	-3926.29	1.583e+04	-8.551e+05
		-8.551e+05	-1.420e+04	-2.37e-03	0.0	136.0	-1.837e+04	6570.81	-110.41	-3926.29	813.84	3.857e+04
						272.0	-1.782e+04	6570.81	-110.41	-3926.29	-1.420e+04	9.322e+05
88	11	1.465e+06	6.185e+04	-0.08	0.0	0.0	-2.913e+04	1.060e+04	-423.20	-7899.04	6.185e+04	-1.418e+06
		-1.418e+06	-5.326e+04	2.91e-03	0.0	136.0	-2.842e+04	1.060e+04	-423.20	-7899.04	4294.30	2.349e+04
						272.0	-2.772e+04	1.060e+04	-423.20	-7899.04	-5.326e+04	1.465e+06
88	121	9.292e+05	4.259e+04	-0.04	0.0	0.0	-1.976e+04	6661.57	-308.03	-5838.26	4.259e+04	-8.828e+05
		-8.828e+05	-4.119e+04	5.21e-03	0.0	136.0	-1.921e+04	6661.57	-308.03	-5838.26	702.31	2.319e+04
						272.0	-1.867e+04	6661.57	-308.03	-5838.26	-4.119e+04	9.292e+05
88	124	1.068e+06	1.487e+04	-0.07	0.0	0.0	-2.011e+04	7682.19	-87.53	-3831.90	1.487e+04	-1.022e+06
		-1.022e+06	-8937.05	-6.46e-03	0.0	136.0	-1.957e+04	7682.19	-87.53	-3831.90	2967.13	2.298e+04
						272.0	-1.902e+04	7682.19	-87.53	-3831.90	-8937.05	1.068e+06
88	128	1.068e+06	1.752e+04	-0.07	0.0	0.0	-2.011e+04	7684.82	-108.15	-4157.24	1.752e+04	-1.022e+06
		-1.022e+06	-1.190e+04	-5.39e-03	0.0	136.0	-1.957e+04	7684.82	-108.15	-4157.24	2809.79	2.297e+04
						272.0	-1.902e+04	7684.82	-108.15	-4157.24	-1.190e+04	1.068e+06
88	129	9.774e+05	7.490e+04	-0.05	0.0	0.0	-1.986e+04	7016.25	-569.21	-1.099e+04	7.490e+04	-9.310e+05
		-9.310e+05	-7.992e+04	0.02	0.0	136.0	-1.932e+04	7016.25	-569.21	-1.099e+04	-2512.44	2.318e+04
						272.0	-1.878e+04	7016.25	-569.21	-1.099e+04	-7.992e+04	9.774e+05
88	153	9.449e+05	3.946e+04	-0.04	0.0	0.0	-1.980e+04	6777.12	-283.06	-5611.10	3.946e+04	-8.985e+05
		-8.985e+05	-3.754e+04	3.91e-03	0.0	136.0	-1.925e+04	6777.12	-283.06	-5611.10	958.73	2.317e+04
						272.0	-1.871e+04	6777.12	-283.06	-5611.10	-3.754e+04	9.449e+05
88	156	1.052e+06	1.801e+04	-0.06	0.0	0.0	-2.007e+04	7566.64	-112.50	-4059.06	1.801e+04	-1.006e+06
		-1.006e+06	-1.259e+04	-5.14e-03	0.0	136.0	-1.953e+04	7566.64	-112.50	-4059.06	2710.71	2.300e+04
						272.0	-1.898e+04	7566.64	-112.50	-4059.06	-1.259e+04	1.052e+06
88	160	1.052e+06	2.006e+04	-0.06	0.0	0.0	-2.007e+04	7568.68	-128.45	-4310.73	2.006e+04	-1.006e+06
		-1.006e+06	-1.488e+04	-4.31e-03	0.0	136.0	-1.953e+04	7568.68	-128.45	-4310.73	2589.00	2.300e+04
						272.0	-1.898e+04	7568.68	-128.45	-4310.73	-1.488e+04	1.052e+06
88	161	9.822e+05	6.445e+04	-0.05	0.0	0.0	-1.988e+04	7051.49	-485.10	-9597.21	6.445e+04	-9.358e+05

		-9.358e+05	-6.750e+04	0.02	0.0	136.0	-1.934e+04	7051.49	-485.10	-9597.21	-1528.08	2.316e+04
						272.0	-1.879e+04	7051.49	-485.10	-9597.21	-6.750e+04	9.822e+05
89	3	1.369e+06	7.911e+04	-0.07	0.0	0.0	-2.791e+04	1.014e+04	588.93	-1956.75	-8.108e+04	-1.389e+06
		-1.389e+06	-8.108e+04	2.45e-03	0.0	136.0	-2.720e+04	1.014e+04	588.93	-1956.75	-989.85	-9955.01
						272.0	-2.649e+04	1.014e+04	588.93	-1956.75	7.911e+04	1.369e+06
89	4	1.411e+06	8.007e+04	-0.07	0.0	0.0	-2.904e+04	1.036e+04	590.40	-2177.41	-8.051e+04	-1.407e+06
		-1.407e+06	-8.051e+04	2.89e-03	0.0	136.0	-2.833e+04	1.036e+04	590.40	-2177.41	-219.81	1941.19
						272.0	-2.762e+04	1.036e+04	590.40	-2177.41	8.007e+04	1.411e+06
89	5	9.107e+05	6.184e+04	-0.04	0.0	0.0	-1.945e+04	6381.27	446.27	-891.36	-5.954e+04	-8.250e+05
		-8.250e+05	-5.954e+04	-3.04e-03	0.0	136.0	-1.891e+04	6381.27	446.27	-891.36	1147.50	4.289e+04
						272.0	-1.836e+04	6381.27	446.27	-891.36	6.184e+04	9.107e+05
89	9	1.389e+06	8.325e+04	-0.07	0.0	0.0	-2.999e+04	9667.39	588.10	-2173.10	-7.672e+04	-1.241e+06
		-1.241e+06	-7.672e+04	-1.45e-03	0.0	136.0	-2.928e+04	9667.39	588.10	-2173.10	3265.07	7.394e+04
						272.0	-2.858e+04	9667.39	588.10	-2173.10	8.325e+04	1.389e+06
89	11	1.434e+06	8.170e+04	-0.07	0.0	0.0	-3.011e+04	1.031e+04	590.73	-2330.58	-7.897e+04	-1.370e+06
		-1.370e+06	-7.897e+04	2.41e-03	0.0	136.0	-2.941e+04	1.031e+04	590.73	-2330.58	1364.69	3.187e+04
						272.0	-2.870e+04	1.031e+04	590.73	-2330.58	8.170e+04	1.434e+06
89	114	8.979e+05	7.772e+04	-0.03	0.0	0.0	-2.037e+04	6389.11	559.91	1281.70	-7.458e+04	-8.400e+05
		-8.400e+05	-7.458e+04	-6.73e-03	0.0	136.0	-1.983e+04	6389.11	559.91	1281.70	1570.30	2.893e+04
						272.0	-1.928e+04	6389.11	559.91	1281.70	7.772e+04	8.979e+05
89	115	1.054e+06	4.588e+04	-0.07	0.0	0.0	-2.073e+04	7545.69	338.49	-3652.67	-4.619e+04	-9.983e+05
		-9.983e+05	-4.619e+04	4.95e-03	0.0	136.0	-2.019e+04	7545.69	338.49	-3652.67	-158.42	2.793e+04
						272.0	-1.964e+04	7545.69	338.49	-3652.67	4.588e+04	1.054e+06
89	120	1.058e+06	7.483e+04	-0.07	0.0	0.0	-2.073e+04	7577.74	537.36	-403.24	-7.133e+04	-1.003e+06
		-1.003e+06	-7.133e+04	-6.57e-03	0.0	136.0	-2.018e+04	7577.74	537.36	-403.24	1746.72	2.786e+04
						272.0	-1.964e+04	7577.74	537.36	-403.24	7.483e+04	1.058e+06
89	134	9.608e+05	1.156e+05	-0.04	0.0	0.0	-2.049e+04	6855.52	820.07	4967.08	-1.075e+05	-9.039e+05
		-9.039e+05	-1.075e+05	-0.02	0.0	136.0	-1.995e+04	6855.52	820.07	4967.08	4055.49	2.847e+04
						272.0	-1.941e+04	6855.52	820.07	4967.08	1.156e+05	9.608e+05
89	146	9.155e+05	7.411e+04	-0.03	0.0	0.0	-2.041e+04	6520.06	534.85	723.04	-7.136e+04	-8.579e+05
		-8.579e+05	-7.136e+04	-5.55e-03	0.0	136.0	-1.987e+04	6520.06	534.85	723.04	1374.58	2.882e+04
						272.0	-1.932e+04	6520.06	534.85	723.04	7.411e+04	9.155e+05
89	147	1.036e+06	4.948e+04	-0.06	0.0	0.0	-2.069e+04	7414.74	363.56	-3094.01	-4.941e+04	-9.804e+05
		-9.804e+05	-4.941e+04	3.67e-03	0.0	136.0	-2.015e+04	7414.74	363.56	-3094.01	37.30	2.804e+04
						272.0	-1.960e+04	7414.74	363.56	-3094.01	4.948e+04	1.036e+06
89	152	1.040e+06	7.188e+04	-0.06	0.0	0.0	-2.069e+04	7439.54	517.40	-580.37	-6.886e+04	-9.838e+05
		-9.838e+05	-6.886e+04	-5.43e-03	0.0	136.0	-2.014e+04	7439.54	517.40	-580.37	1511.05	2.799e+04
						272.0	-1.960e+04	7439.54	517.40	-580.37	7.188e+04	1.040e+06
89	166	9.643e+05	1.034e+05	-0.04	0.0	0.0	-2.051e+04	6880.85	736.09	3573.92	-9.681e+04	-9.073e+05
		-9.073e+05	-9.681e+04	-0.02	0.0	136.0	-1.996e+04	6880.85	736.09	3573.92	3297.03	2.846e+04
						272.0	-1.942e+04	6880.85	736.09	3573.92	1.034e+05	9.643e+05
90	4	4.610e+04	8.353e+04	-4.92e-03	0.0	0.0	-2.337e+04	-306.61	-674.50	-939.76	8.353e+04	4.610e+04
		-3.730e+04	-9.994e+04	8.77e-03	0.0	136.0	-2.297e+04	-306.61	-674.50	-939.76	-8204.74	4399.13
						272.0	-2.257e+04	-306.61	-674.50	-939.76	-9.994e+04	-3.730e+04
90	7	3.589e+04	5.809e+04	-3.72e-03	0.0	0.0	-1.567e+04	-236.31	-452.12	-485.78	5.809e+04	3.589e+04
		-2.839e+04	-6.488e+04	4.29e-03	0.0	136.0	-1.537e+04	-236.31	-452.12	-485.78	-3393.97	3749.97
						272.0	-1.506e+04	-236.31	-452.12	-485.78	-6.488e+04	-2.839e+04
90	9	5.395e+04	7.485e+04	3.04e-03	0.0	0.0	-2.460e+04	-392.38	-661.87	-1148.48	7.485e+04	5.395e+04
		-5.278e+04	-1.052e+05	8.90e-03	0.0	136.0	-2.420e+04	-392.38	-661.87	-1148.48	-1.517e+04	587.74
						272.0	-2.380e+04	-392.38	-661.87	-1148.48	-1.052e+05	-5.278e+04
90	113	8.204e+04	5.878e+04	0.02	0.0	0.0	-1.675e+04	-603.83	-492.78	-700.46	5.878e+04	8.204e+04
		-8.220e+04	-7.526e+04	0.01	0.0	136.0	-1.644e+04	-603.83	-492.78	-700.46	-8238.97	-80.37
						272.0	-1.613e+04	-603.83	-492.78	-700.46	-7.526e+04	-8.220e+04
90	133	5.691e+04	7.302e+04	0.01	0.0	0.0	-1.678e+04	-412.55	-600.56	-1414.24	7.302e+04	5.691e+04
		-5.530e+04	-9.034e+04	0.02	0.0	136.0	-1.647e+04	-412.55	-600.56	-1414.24	-8660.41	806.67
						272.0	-1.616e+04	-412.55	-600.56	-1414.24	-9.034e+04	-5.530e+04
90	135	3.695e+04	7.390e+04	-2.96e-03	0.0	0.0	-1.677e+04	-260.55	-606.79	-1262.55	7.390e+04	3.695e+04
		-3.392e+04	-9.115e+04	0.02	0.0	136.0	-1.646e+04	-260.55	-606.79	-1262.55	-8626.42	1515.41
						272.0	-1.615e+04	-260.55	-606.79	-1262.55	-9.115e+04	-3.392e+04
90	136	2.421e+04	3.434e+04	-8.96e-03	0.0	0.0	-1.664e+04	-163.18	-305.73	130.75	3.434e+04	2.421e+04
		-2.017e+04	-4.882e+04	-0.02	0.0	136.0	-1.633e+04	-163.18	-305.73	130.75	-7242.24	2020.81
						272.0	-1.603e+04	-163.18	-305.73	130.75	-4.882e+04	-2.017e+04
90	145	7.265e+04	5.762e+04	0.02	0.0	0.0	-1.674e+04	-532.28	-483.81	-687.16	5.762e+04	7.265e+04
		-7.213e+04	-7.397e+04	8.82e-03	0.0	136.0	-1.643e+04	-532.28	-483.81	-687.16	-8173.84	257.95
						272.0	-1.613e+04	-532.28	-483.81	-687.16	-7.397e+04	-7.213e+04
90	165	5.321e+04	6.864e+04	8.29e-03	0.0	0.0	-1.676e+04	-384.32	-567.18	-1239.31	6.864e+04	5.321e+04
		-5.132e+04	-8.564e+04	0.02	0.0	136.0	-1.646e+04	-384.32	-567.18	-1239.31	-8499.85	944.13
						272.0	-1.615e+04	-384.32	-567.18	-1239.31	-8.564e+04	-5.132e+04
90	167	3.777e+04	6.932e+04	-2.85e-03	0.0	0.0	-1.675e+04	-266.73	-572.00	-1121.98	6.932e+04	3.777e+04
		-3.478e+04	-8.627e+04	0.02	0.0	136.0	-1.645e+04	-266.73	-572.00	-1121.98	-8473.55	1492.39
						272.0	-1.614e+04	-266.73	-572.00	-1121.98	-8.627e+04	-3.478e+04
90	168	2.792e+04	3.872e+04	-6.93e-03	0.0	0.0	-1.665e+04	-191.42	-339.11	-44.17	3.872e+04	2.792e+04
		-2.415e+04	-5.352e+04	-0.02	0.0	136.0	-1.635e+04	-191.42	-339.11	-44.17	-7402.80	1883.34
						272.0	-1.604e+04	-191.42	-339.11	-44.17	-5.352e+04	-2.415e+04
95	1	2.461e+04	9941.34	-0.06	0.0	0.0	-3.570e+04	147.53	-33.97	2665.91	9941.34	-3.706e+04
		-3.706e+04	-4258.80	3.44e-03	0.0	209.0	-3.508e+04	147.53	-33.97	2665.91	2841.27	-6227.55
						418.0	-3.447e+04	147.53	-33.97	2665.91	-4258.80	2.461e+04

95	3	2.043e+04	1.193e+04	-0.07	0.0	0.0	-4.106e+04	132.76	-41.85	2711.41	1.193e+04	-3.507e+04
		-3.507e+04	-5562.49	4.93e-03	0.0	209.0	-4.045e+04	132.76	-41.85	2711.41	3184.21	-7318.56
						418.0	-3.984e+04	132.76	-41.85	2711.41	-5562.49	2.043e+04
95	4	1.973e+04	1.192e+04	-0.07	0.0	0.0	-4.174e+04	129.79	-41.60	2698.40	1.192e+04	-3.452e+04
		-3.452e+04	-5471.64	5.07e-03	0.0	209.0	-4.113e+04	129.79	-41.60	2698.40	3222.46	-7393.13
						418.0	-4.052e+04	129.79	-41.60	2698.40	-5471.64	1.973e+04
95	5	2.168e+04	6894.81	-0.04	0.0	0.0	-2.429e+04	124.04	-23.47	2053.19	6894.81	-3.017e+04
		-3.017e+04	-2914.73	1.84e-03	0.0	209.0	-2.382e+04	124.04	-23.47	2053.19	1990.04	-4245.74
						418.0	-2.335e+04	124.04	-23.47	2053.19	-2914.73	2.168e+04
95	114	1.186e+04	3240.79	0.01	0.0	0.0	-2.695e+04	-78.79	-3.50	3603.00	3240.79	1.186e+04
		-2.108e+04	1776.61	-0.01	0.0	209.0	-2.648e+04	-78.79	-3.50	3603.00	2508.70	-4607.24
						418.0	-2.601e+04	-78.79	-3.50	3603.00	1776.61	-2.108e+04
95	115	5.965e+04	1.220e+04	-0.10	0.0	0.0	-2.735e+04	309.03	-49.60	518.77	1.220e+04	-6.952e+04
		-6.952e+04	-8535.95	0.02	0.0	209.0	-2.688e+04	309.03	-49.60	518.77	1829.61	-4936.37
						418.0	-2.641e+04	309.03	-49.60	518.77	-8535.95	5.965e+04
95	116	6.322e+04	6348.28	-0.10	0.0	0.0	-2.732e+04	325.97	-16.50	3716.34	6348.28	-7.303e+04
		-7.303e+04	-549.20	-0.01	0.0	209.0	-2.685e+04	325.97	-16.50	3716.34	2899.54	-4904.80
						418.0	-2.638e+04	325.97	-16.50	3716.34	-549.20	6.322e+04
95	135	2.371e+04	1.795e+04	-0.05	0.0	0.0	-2.725e+04	136.69	-83.88	-3284.22	1.795e+04	-3.343e+04
		-3.343e+04	-1.711e+04	0.05	0.0	209.0	-2.678e+04	136.69	-83.88	-3284.22	420.63	-4857.40
						418.0	-2.631e+04	136.69	-83.88	-3284.22	-1.711e+04	2.371e+04
95	146	2646.54	4254.59	-3.15e-03	0.0	0.0	-2.700e+04	-34.89	-8.72	3253.81	4254.59	2646.54
		-1.194e+04	609.04	-0.01	0.0	209.0	-2.653e+04	-34.89	-8.72	3253.81	2431.82	-4644.50
						418.0	-2.606e+04	-34.89	-8.72	3253.81	609.04	-1.194e+04
95	147	5.051e+04	1.118e+04	-0.09	0.0	0.0	-2.731e+04	265.12	-44.38	867.96	1.118e+04	-6.031e+04
		-6.031e+04	-7368.38	0.02	0.0	209.0	-2.684e+04	265.12	-44.38	867.96	1906.50	-4899.11
						418.0	-2.637e+04	265.12	-44.38	867.96	-7368.38	5.051e+04
95	148	5.327e+04	6658.43	-0.09	0.0	0.0	-2.728e+04	278.23	-18.78	3341.48	6658.43	-6.302e+04
		-6.302e+04	-1190.12	-7.66e-03	0.0	209.0	-2.681e+04	278.23	-18.78	3341.48	2734.15	-4874.69
						418.0	-2.634e+04	278.23	-18.78	3341.48	-1190.12	5.327e+04
95	167	2.271e+04	1.563e+04	-0.05	0.0	0.0	-2.723e+04	131.81	-70.90	-2073.89	1.563e+04	-3.239e+04
		-3.239e+04	-1.400e+04	0.04	0.0	209.0	-2.676e+04	131.81	-70.90	-2073.89	816.56	-4838.02
						418.0	-2.629e+04	131.81	-70.90	-2073.89	-1.400e+04	2.271e+04
96	3	7.206e+04	9467.29	-8.18e-03	0.0	0.0	-1.448e+04	-554.03	-80.26	2808.32	9467.29	7.206e+04
		-7.864e+04	-1.236e+04	7.13e-03	0.0	136.0	-1.408e+04	-554.03	-80.26	2808.32	-1448.37	-3290.94
						272.0	-1.369e+04	-554.03	-80.26	2808.32	-1.236e+04	-7.864e+04
96	4	7.406e+04	9387.51	-8.18e-03	0.0	0.0	-1.517e+04	-570.02	-82.59	2811.42	9387.51	7.406e+04
		-8.098e+04	-1.308e+04	6.93e-03	0.0	136.0	-1.477e+04	-570.02	-82.59	2811.42	-1845.37	-3461.91
						272.0	-1.437e+04	-570.02	-82.59	2811.42	-1.308e+04	-8.098e+04
96	7	4.967e+04	7080.19	-5.36e-03	0.0	0.0	-1.009e+04	-381.58	-56.90	2175.90	7080.19	4.967e+04
		-5.412e+04	-8396.62	5.39e-03	0.0	136.0	-9781.85	-381.58	-56.90	2175.90	-658.21	-2225.17
						272.0	-9475.85	-381.58	-56.90	2175.90	-8396.62	-5.412e+04
96	9	6.003e+04	7228.01	-2.79e-03	0.0	0.0	-1.616e+04	-466.66	-78.01	2946.65	7228.01	6.003e+04
		-6.690e+04	-1.399e+04	4.68e-03	0.0	136.0	-1.576e+04	-466.66	-78.01	2946.65	-3381.57	-3432.25
						272.0	-1.536e+04	-466.66	-78.01	2946.65	-1.399e+04	-6.690e+04
96	113	8.351e+04	4898.54	0.02	0.0	0.0	-1.088e+04	-635.46	-52.95	1626.42	4898.54	8.351e+04
		-8.934e+04	-9505.09	7.98e-03	0.0	136.0	-1.058e+04	-635.46	-52.95	1626.42	-2303.27	-2914.03
						272.0	-1.027e+04	-635.46	-52.95	1626.42	-9505.09	-8.934e+04
96	134	4.508e+04	8825.77	3.69e-03	0.0	0.0	-1.083e+04	-349.09	-52.02	3863.64	8825.77	4.508e+04
		-4.987e+04	-5323.11	-0.01	0.0	136.0	-1.052e+04	-349.09	-52.02	3863.64	1751.33	-2391.29
						272.0	-1.022e+04	-349.09	-52.02	3863.64	-5323.11	-4.987e+04
96	135	3.930e+04	2778.35	-4.43e-03	0.0	0.0	-1.094e+04	-304.66	-57.99	647.40	2778.35	3.930e+04
		-4.357e+04	-1.300e+04	0.02	0.0	136.0	-1.064e+04	-304.66	-57.99	647.40	-5108.67	-2136.68
						272.0	-1.033e+04	-304.66	-57.99	647.40	-1.300e+04	-4.357e+04
96	136	2.527e+04	8864.55	-0.01	0.0	0.0	-1.084e+04	-201.19	-54.07	3838.84	8864.55	2.527e+04
		-2.945e+04	-5841.59	-0.01	0.0	136.0	-1.054e+04	-201.19	-54.07	3838.84	1511.48	-2091.53
						272.0	-1.023e+04	-201.19	-54.07	3838.84	-5841.59	-2.945e+04
96	145	7.415e+04	5103.13	0.02	0.0	0.0	-1.088e+04	-565.58	-53.42	1768.87	5103.13	7.415e+04
		-7.969e+04	-9426.82	7.00e-03	0.0	136.0	-1.058e+04	-565.58	-53.42	1768.87	-2161.84	-2766.83
						272.0	-1.027e+04	-565.58	-53.42	1768.87	-9426.82	-7.969e+04
96	166	4.443e+04	8141.09	3.22e-03	0.0	0.0	-1.084e+04	-344.06	-52.69	3499.50	8141.09	4.443e+04
		-4.915e+04	-6191.79	-8.20e-03	0.0	136.0	-1.054e+04	-344.06	-52.69	3499.50	974.65	-2362.46
						272.0	-1.023e+04	-344.06	-52.69	3499.50	-6191.79	-4.915e+04
96	167	3.995e+04	3463.03	-3.86e-03	0.0	0.0	-1.093e+04	-309.69	-57.32	1011.54	3463.03	3.995e+04
		-4.428e+04	-1.213e+04	0.02	0.0	136.0	-1.063e+04	-309.69	-57.32	1011.54	-4331.99	-2165.51
						272.0	-1.032e+04	-309.69	-57.32	1011.54	-1.213e+04	-4.428e+04
96	168	2.910e+04	8171.09	-9.00e-03	0.0	0.0	-1.085e+04	-229.65	-54.28	3480.32	8171.09	2.910e+04
		-3.336e+04	-6592.86	-7.82e-03	0.0	136.0	-1.055e+04	-229.65	-54.28	3480.32	789.11	-2130.58
						272.0	-1.024e+04	-229.65	-54.28	3480.32	-6592.86	-3.336e+04
102	3	-2.533e+05	-1.172e+04	0.11	0.0	0.0	-2.695e+04	-2113.69	63.53	2283.88	-3.827e+04	-2.533e+05
		-7.312e+05	-3.827e+04	0.01	0.0	209.0	-2.586e+04	-2113.69	63.53	2283.88	-2.500e+04	-4.923e+05
						418.0	-2.477e+04	-2113.69	63.53	2283.88	-1.172e+04	-7.312e+05
102	4	-2.561e+05	-1.201e+04	0.11	0.0	0.0	-2.721e+04	-2098.86	64.29	2279.46	-3.889e+04	-2.561e+05
		-7.310e+05	-3.889e+04	0.01	0.0	209.0	-2.613e+04	-2098.86	64.29	2279.46	-2.545e+04	-4.935e+05
						418.0	-2.504e+04	-2098.86	64.29	2279.46	-1.201e+04	-7.310e+05
102	5	-1.740e+05	-7904.60	0.07	0.0	0.0	-1.837e+04	-953.94	42.42	2768.58	-2.564e+04	-1.740e+05
		-3.919e+05	-2.564e+04	9.53e-03	0.0	209.0	-1.753e+04	-953.94	42.42	2768.58	-1.677e+04	-2.829e+05

						418.0	-1.669e+04	-953.94	42.42	2768.58	-7904.60	-3.919e+05	
102	113	-2.761e+04	-1.226e+04	0.08	0.0	0.0	-1.910e+04	-2134.03	48.18	-1527.03	-3.241e+04	-2.761e+04	
		-4.989e+05	-3.241e+04	0.01	0.0	209.0	-1.827e+04	-2134.03	48.18	-1527.03	-2.233e+04	-2.632e+05	
						418.0	-1.743e+04	-2134.03	48.18	-1527.03	-1.226e+04	-4.989e+05	
102	117	-2.797e+04	-1.205e+04	0.08	0.0	0.0	-1.912e+04	-2133.38	47.83	-1411.31	-3.205e+04	-2.797e+04	
		-4.992e+05	-3.205e+04	0.01	0.0	209.0	-1.828e+04	-2133.38	47.83	-1411.31	-2.205e+04	-2.636e+05	
						418.0	-1.744e+04	-2133.38	47.83	-1411.31	-1.205e+04	-4.992e+05	
102	126	-5.416e+04	-3565.94	0.08	0.0	0.0	-1.898e+04	-1991.99	44.67	1793.55	-2.224e+04	-5.416e+04	
		-4.957e+05	-2.224e+04	8.20e-03	0.0	209.0	-1.814e+04	-1991.99	44.67	1793.55	-1.290e+04	-2.749e+05	
						418.0	-1.731e+04	-1991.99	44.67	1793.55	-3565.94	-4.957e+05	
102	127	-3.107e+05	-1.321e+04	-0.10	0.0	0.0	-1.964e+04	-393.67	45.37	3010.42	-3.217e+04	-3.107e+05	
		-4.116e+05	-3.217e+04	0.01	0.0	209.0	-1.880e+04	-393.67	45.37	3010.42	-2.269e+04	-3.612e+05	
						418.0	-1.796e+04	-393.67	45.37	3010.42	-1.321e+04	-4.116e+05	
102	134	-1.623e+05	5969.26	0.07	0.0	0.0	-1.904e+04	-1330.52	40.03	4638.32	-1.076e+04	-1.623e+05	
		-4.639e+05	-1.076e+04	4.82e-03	0.0	209.0	-1.821e+04	-1330.52	40.03	4638.32	-2397.58	-3.131e+05	
						418.0	-1.737e+04	-1330.52	40.03	4638.32	5969.26	-4.639e+05	
102	135	-2.025e+05	-2.274e+04	0.07	0.0	0.0	-1.957e+04	-1055.13	50.01	165.65	-4.365e+04	-2.025e+05	
		-4.434e+05	-4.365e+04	0.02	0.0	209.0	-1.874e+04	-1055.13	50.01	165.65	-3.319e+04	-3.229e+05	
						418.0	-1.790e+04	-1055.13	50.01	165.65	-2.274e+04	-4.434e+05	
102	145	-6.266e+04	-1.139e+04	0.08	0.0	0.0	-1.915e+04	-1920.91	47.47	-637.36	-3.123e+04	-6.266e+04	
		-4.886e+05	-3.123e+04	0.01	0.0	209.0	-1.831e+04	-1920.91	47.47	-637.36	-2.131e+04	-2.757e+05	
						418.0	-1.748e+04	-1920.91	47.47	-637.36	-1.139e+04	-4.886e+05	
102	149	-6.294e+04	-1.122e+04	0.08	0.0	0.0	-1.916e+04	-1920.40	47.19	-547.84	-3.095e+04	-6.294e+04	
		-4.889e+05	-3.095e+04	0.01	0.0	209.0	-1.832e+04	-1920.40	47.19	-547.84	-2.109e+04	-2.759e+05	
						418.0	-1.749e+04	-1920.40	47.19	-547.84	-1.122e+04	-4.889e+05	
102	158	-8.320e+04	-4657.57	0.08	0.0	0.0	-1.905e+04	-1811.03	44.75	1931.32	-2.336e+04	-8.320e+04	
		-4.862e+05	-2.336e+04	8.53e-03	0.0	209.0	-1.822e+04	-1811.03	44.75	1931.32	-1.401e+04	-2.847e+05	
						418.0	-1.738e+04	-1811.03	44.75	1931.32	-4657.57	-4.862e+05	
102	159	-2.816e+05	-1.212e+04	-0.09	0.0	0.0	-1.956e+04	-574.63	45.29	2872.65	-3.105e+04	-2.816e+05	
		-4.211e+05	-3.105e+04	0.01	0.0	209.0	-1.873e+04	-574.63	45.29	2872.65	-2.158e+04	-3.514e+05	
						418.0	-1.789e+04	-574.63	45.29	2872.65	-1.212e+04	-4.211e+05	
102	166	-1.669e+05	2718.52	0.07	0.0	0.0	-1.910e+04	-1299.34	41.16	4131.93	-1.449e+04	-1.669e+05	
		-4.616e+05	-1.449e+04	5.44e-03	0.0	209.0	-1.827e+04	-1299.34	41.16	4131.93	-5884.32	-3.142e+05	
						418.0	-1.743e+04	-1299.34	41.16	4131.93	2718.52	-4.616e+05	
102	167	-1.980e+05	-1.949e+04	0.07	0.0	0.0	-1.951e+04	-1086.31	48.88	672.04	-3.992e+04	-1.980e+05	
		-4.457e+05	-3.992e+04	0.01	0.0	209.0	-1.868e+04	-1086.31	48.88	672.04	-2.971e+04	-3.218e+05	
						418.0	-1.784e+04	-1086.31	48.88	672.04	-1.949e+04	-4.457e+05	
103	1	5.184e+05	2389.33	-0.06	0.0	0.0	-6095.06	-6075.27	67.91	-1.008e+04	-1.608e+04	5.184e+05	
		-9.342e+05	-1.608e+04	6.58e-03	0.0	136.0	-5387.86	-6075.27	67.91	-1.008e+04	-6846.85	-2.079e+05	
						272.0	-4680.66	-6075.27	67.91	-1.008e+04	2389.33	-9.342e+05	
103	3	6.654e+05	3541.16	-0.07	0.0	0.0	-5336.19	-6706.04	67.40	-1.429e+04	-1.479e+04	6.654e+05	
		-9.330e+05	-1.479e+04	6.56e-03	0.0	136.0	-4628.99	-6706.04	67.40	-1.429e+04	-5625.53	-1.338e+05	
						272.0	-3921.79	-6706.04	67.40	-1.429e+04	3541.16	-9.330e+05	
103	7	4.918e+05	1754.37	-0.05	0.0	0.0	-3840.59	-4815.81	49.32	-1.030e+04	-1.166e+04	4.918e+05	
		-6.550e+05	-1.166e+04	5.09e-03	0.0	136.0	-3296.59	-4815.81	49.32	-1.030e+04	-4953.62	-8.160e+04	
						272.0	-2752.59	-4815.81	49.32	-1.030e+04	1754.37	-6.550e+05	
103	9	5.143e+05	3372.19	-0.06	0.0	0.0	-6574.22	-6377.75	71.08	-1.012e+04	-1.596e+04	5.143e+05	
		-1.013e+06	-1.596e+04	6.52e-03	0.0	136.0	-5867.02	-6377.75	71.08	-1.012e+04	-6294.28	-2.491e+05	
						272.0	-5159.82	-6377.75	71.08	-1.012e+04	3372.19	-1.013e+06	
103	11	6.173e+05	4178.47	-0.07	0.0	0.0	-6043.01	-6819.29	70.72	-1.307e+04	-1.506e+04	6.173e+05	
		-1.012e+06	-1.506e+04	6.50e-03	0.0	136.0	-5335.81	-6819.29	70.72	-1.307e+04	-5439.35	-1.973e+05	
						272.0	-4628.61	-6819.29	70.72	-1.307e+04	4178.47	-1.012e+06	
103	113	4.232e+05	3111.89	-0.02	0.0	0.0	-4337.63	-4878.10	53.41	-9410.45	-1.141e+04	4.232e+05	
		-7.452e+05	-1.141e+04	6.10e-03	0.0	136.0	-3793.63	-4878.10	53.41	-9410.45	-4151.54	-1.610e+05	
						272.0	-3249.63	-4878.10	53.41	-9410.45	3111.89	-7.452e+05	
103	116	3.861e+05	-49.54	-0.07	0.0	0.0	-4658.41	-4296.22	48.78	-6336.95	-1.332e+04	3.861e+05	
		-6.373e+05	-1.332e+04	4.06e-03	0.0	136.0	-4114.41	-4296.22	48.78	-6336.95	-6683.24	-1.256e+05	
						272.0	-3570.41	-4296.22	48.78	-6336.95	-49.54	-6.373e+05	
103	117	4.232e+05	2733.95	-0.02	0.0	0.0	-4337.93	-4880.86	52.86	-8954.43	-1.165e+04	4.232e+05	
		-7.455e+05	-1.165e+04	6.17e-03	0.0	136.0	-3793.93	-4880.86	52.86	-8954.43	-4455.63	-1.612e+05	
						272.0	-3249.93	-4880.86	52.86	-8954.43	2733.95	-7.455e+05	
103	135	4.005e+05	6703.42	-0.05	0.0	0.0	-4502.49	-4490.26	71.85	-1.574e+04	-1.284e+04	4.005e+05	
		-6.772e+05	-1.284e+04	6.59e-03	0.0	136.0	-3958.49	-4490.26	71.85	-1.574e+04	-3068.22	-1.384e+05	
						272.0	-3414.49	-4490.26	71.85	-1.574e+04	6703.42	-6.772e+05	
103	139	3.996e+05	5392.25	-0.05	0.0	0.0	-4503.97	-4490.85	70.21	-1.416e+04	-1.371e+04	3.996e+05	
		-6.772e+05	-1.371e+04	6.83e-03	0.0	136.0	-3959.97	-4490.85	70.21	-1.416e+04	-4156.45	-1.388e+05	
						272.0	-3415.97	-4490.85	70.21	-1.416e+04	5392.25	-6.772e+05	
103	145	4.190e+05	2753.96	-0.03	0.0	0.0	-4373.94	-4812.22	52.88	-9062.48	-1.163e+04	4.190e+05	
		-7.330e+05	-1.163e+04	5.87e-03	0.0	136.0	-3829.94	-4812.22	52.88	-9062.48	-4438.18	-1.570e+05	
						272.0	-3285.94	-4812.22	52.88	-9062.48	2753.96	-7.330e+05	
103	148	3.903e+05	308.40	-0.06	0.0	0.0	-4622.09	-4362.10	49.30	-6684.93	-1.310e+04	3.903e+05	
		-6.495e+05	-1.310e+04	4.29e-03	0.0	136.0	-4078.09	-4362.10	49.30	-6684.93	-6396.60	-1.296e+05	
						272.0	-3534.09	-4362.10	49.30	-6684.93	308.40	-6.495e+05	
103	149	4.190e+05	2461.60	-0.03	0.0	0.0	-4374.18	-4814.36	52.46	-8709.71	-1.181e+04	4.190e+05	
		-7.332e+05	-1.181e+04	5.93e-03	0.0	136.0	-3830.18	-4814.36	52.46	-8709.71	-4673.41	-1.571e+05	
						272.0	-3286.18	-4814.36	52.46	-8709.71	2461.60	-7.332e+05	
103	167	4.014e+05	5532.23	-0.05	0.0	0.0	-4501.48	-4512.20	67.15	-1.396e+04	-1.273e+04	4.014e+05	

		-6.804e+05	-1.273e+04	6.25e-03	0.0	136.0	-3957.48	-4512.20	67.15	-1.396e+04	-3600.16	-1.395e+05	
						272.0	-3413.48	-4512.20	67.15	-1.396e+04	5532.23	-6.804e+05	
103	171	4.008e+05	4517.96	-0.05	0.0	0.0	-4502.62	-4512.66	65.88	-1.274e+04	-1.340e+04	4.008e+05	
		-6.804e+05	-1.340e+04	6.44e-03	0.0	136.0	-3958.62	-4512.66	65.88	-1.274e+04	-4441.97	-1.398e+05	
						272.0	-3414.62	-4512.66	65.88	-1.274e+04	4517.96	-6.804e+05	
107	4	-1.035e+05	-1.130e+04	0.09	0.0	0.0	-3.374e+04	-2430.10	48.60	-4919.54	-3.162e+04	-1.035e+05	
		-7.299e+05	-3.162e+04	6.02e-03	0.0	209.0	-3.265e+04	-2430.10	48.60	-4919.54	-2.146e+04	-4.167e+05	
						418.0	-3.156e+04	-2430.10	48.60	-4919.54	-1.130e+04	-7.299e+05	
107	5	-9.089e+04	-7109.68	0.06	0.0	0.0	-2.265e+04	-1187.55	31.23	-3729.97	-2.016e+04	-9.089e+04	
		-3.989e+05	-2.016e+04	4.25e-03	0.0	209.0	-2.181e+04	-1187.55	31.23	-3729.97	-1.364e+04	-2.449e+05	
						418.0	-2.098e+04	-1187.55	31.23	-3729.97	-7109.68	-3.989e+05	
107	7	-7.529e+04	-8505.55	0.07	0.0	0.0	-2.479e+04	-1795.88	35.02	-3547.80	-2.314e+04	-7.529e+04	
		-5.377e+05	-2.314e+04	4.65e-03	0.0	209.0	-2.396e+04	-1795.88	35.02	-3547.80	-1.582e+04	-3.065e+05	
						418.0	-2.312e+04	-1795.88	35.02	-3547.80	-8505.55	-5.377e+05	
107	12	-9.678e+04	-7066.85	0.06	0.0	0.0	-2.334e+04	-1167.70	32.70	-3961.68	-2.074e+04	-9.678e+04	
		-4.004e+05	-2.074e+04	4.17e-03	0.0	209.0	-2.250e+04	-1167.70	32.70	-3961.68	-1.390e+04	-2.486e+05	
						418.0	-2.166e+04	-1167.70	32.70	-3961.68	-7066.85	-4.004e+05	
107	122	-8574.57	-7034.87	0.07	0.0	0.0	-2.387e+04	-1873.38	26.57	-5229.07	-1.814e+04	-8574.57	
		-4.939e+05	-1.814e+04	3.78e-03	0.0	209.0	-2.304e+04	-1873.38	26.57	-5229.07	-1.259e+04	-2.513e+05	
						418.0	-2.220e+04	-1873.38	26.57	-5229.07	-7034.87	-4.939e+05	
107	125	-7886.01	-8761.29	0.07	0.0	0.0	-2.373e+04	-1871.73	36.39	-6518.64	-2.397e+04	-7886.01	
		-4.932e+05	-2.397e+04	5.99e-03	0.0	209.0	-2.289e+04	-1871.73	36.39	-6518.64	-1.637e+04	-2.505e+05	
						418.0	-2.205e+04	-1871.73	36.39	-6518.64	-8761.29	-4.932e+05	
107	135	-1.104e+05	-9978.60	0.06	0.0	0.0	-2.365e+04	-1295.25	52.18	-5383.07	-3.179e+04	-1.104e+05	
		-4.457e+05	-3.179e+04	7.76e-03	0.0	209.0	-2.281e+04	-1295.25	52.18	-5383.07	-2.088e+04	-2.780e+05	
						418.0	-2.198e+04	-1295.25	52.18	-5383.07	-9978.60	-4.457e+05	
107	138	-6.719e+04	-4206.17	0.07	0.0	0.0	-2.412e+04	-1554.26	18.77	-2785.70	-1.205e+04	-6.719e+04	
		-4.690e+05	-1.205e+04	-3.77e-03	0.0	209.0	-2.329e+04	-1554.26	18.77	-2785.70	-8128.48	-2.681e+05	
						418.0	-2.245e+04	-1554.26	18.77	-2785.70	-4206.17	-4.690e+05	
107	141	-6.117e+04	-1.115e+04	0.07	0.0	0.0	-2.358e+04	-1568.04	47.54	-6421.58	-3.102e+04	-6.117e+04	
		-4.675e+05	-3.102e+04	8.37e-03	0.0	209.0	-2.275e+04	-1568.04	47.54	-6421.58	-2.109e+04	-2.643e+05	
						418.0	-2.191e+04	-1568.04	47.54	-6421.58	-1.115e+04	-4.675e+05	
107	144	-1.127e+05	-4223.89	0.06	0.0	0.0	-2.414e+04	-1300.74	19.45	-1084.53	-1.235e+04	-1.127e+05	
		-4.482e+05	-1.235e+04	-4.43e-03	0.0	209.0	-2.331e+04	-1300.74	19.45	-1084.53	-8289.00	-2.805e+05	
						418.0	-2.247e+04	-1300.74	19.45	-1084.53	-4223.89	-4.482e+05	
107	154	-2.631e+04	-7182.67	0.07	0.0	0.0	-2.387e+04	-1773.97	28.14	-4894.85	-1.894e+04	-2.631e+04	
		-4.858e+05	-1.894e+04	3.92e-03	0.0	209.0	-2.304e+04	-1773.97	28.14	-4894.85	-1.306e+04	-2.560e+05	
						418.0	-2.220e+04	-1773.97	28.14	-4894.85	-7182.67	-4.858e+05	
107	157	-2.578e+04	-8518.16	0.07	0.0	0.0	-2.376e+04	-1772.70	35.74	-5892.41	-2.346e+04	-2.578e+04	
		-4.852e+05	-2.346e+04	5.63e-03	0.0	209.0	-2.292e+04	-1772.70	35.74	-5892.41	-1.599e+04	-2.555e+05	
						418.0	-2.208e+04	-1772.70	35.74	-5892.41	-8518.16	-4.852e+05	
107	167	-1.051e+05	-9459.83	0.06	0.0	0.0	-2.370e+04	-1326.76	47.95	-5013.98	-2.950e+04	-1.051e+05	
		-4.485e+05	-2.950e+04	6.99e-03	0.0	209.0	-2.286e+04	-1326.76	47.95	-5013.98	-1.948e+04	-2.768e+05	
						418.0	-2.203e+04	-1326.76	47.95	-5013.98	-9459.83	-4.485e+05	
107	170	-7.165e+04	-4994.49	0.07	0.0	0.0	-2.407e+04	-1527.12	22.10	-3004.75	-1.423e+04	-7.165e+04	
		-4.665e+05	-1.423e+04	-3.02e-03	0.0	209.0	-2.323e+04	-1527.12	22.10	-3004.75	-9613.88	-2.691e+05	
						418.0	-2.239e+04	-1527.12	22.10	-3004.75	-4994.49	-4.665e+05	
107	173	-6.700e+04	-1.037e+04	0.06	0.0	0.0	-2.365e+04	-1537.78	44.36	-5817.32	-2.891e+04	-6.700e+04	
		-4.653e+05	-2.891e+04	7.47e-03	0.0	209.0	-2.281e+04	-1537.78	44.36	-5817.32	-1.964e+04	-2.662e+05	
						418.0	-2.197e+04	-1537.78	44.36	-5817.32	-1.037e+04	-4.653e+05	
107	176	-1.068e+05	-5008.19	0.06	0.0	0.0	-2.408e+04	-1331.00	22.63	-1688.78	-1.447e+04	-1.068e+05	
		-4.504e+05	-1.447e+04	-3.53e-03	0.0	209.0	-2.324e+04	-1331.00	22.63	-1688.78	-9738.05	-2.786e+05	
						418.0	-2.241e+04	-1331.00	22.63	-1688.78	-5008.19	-4.504e+05	
108	3	6.718e+05	90.01	-0.08	0.0	0.0	-7528.37	-6706.26	11.68	1.379e+04	-3085.49	6.718e+05	
		-9.342e+05	-3085.49	-2.01e-03	0.0	136.0	-6821.17	-6706.26	11.68	1.379e+04	-1497.74	-1.312e+05	
						272.0	-6113.97	-6706.26	11.68	1.379e+04	90.01	-9.342e+05	
108	4	6.694e+05	282.11	-0.08	0.0	0.0	-7811.25	-6857.29	12.39	1.378e+04	-3087.08	6.694e+05	
		-9.740e+05	-3087.08	-2.14e-03	0.0	136.0	-7104.05	-6857.29	12.39	1.378e+04	-1402.49	-1.523e+05	
						272.0	-6396.85	-6857.29	12.39	1.378e+04	282.11	-9.740e+05	
108	7	4.962e+05	-295.75	-0.06	0.0	0.0	-5421.84	-4811.09	7.34	1.026e+04	-2292.86	4.962e+05	
		-6.549e+05	-2292.86	-1.28e-03	0.0	136.0	-4877.84	-4811.09	7.34	1.026e+04	-1294.31	-7.935e+04	
						272.0	-4333.84	-4811.09	7.34	1.026e+04	-295.75	-6.549e+05	
108	9	5.127e+05	141.86	-0.07	0.0	0.0	-8656.69	-6345.08	10.61	1.150e+04	-2745.22	5.127e+05	
		-1.015e+06	-2745.22	-2.02e-03	0.0	136.0	-7949.49	-6345.08	10.61	1.150e+04	-1301.68	-2.510e+05	
						272.0	-7242.29	-6345.08	10.61	1.150e+04	141.86	-1.015e+06	
108	11	6.207e+05	374.51	-0.08	0.0	0.0	-8262.89	-6809.35	12.35	1.310e+04	-2985.64	6.207e+05	
		-1.014e+06	-2985.64	-2.20e-03	0.0	136.0	-7555.69	-6809.35	12.35	1.310e+04	-1305.57	-1.967e+05	
						272.0	-6848.49	-6809.35	12.35	1.310e+04	374.51	-1.014e+06	
108	125	4.335e+05	72.87	-0.03	0.0	0.0	-5931.13	-4883.70	16.58	6877.07	-4436.90	4.335e+05	
		-7.419e+05	-4436.90	3.55e-04	0.0	136.0	-5387.13	-4883.70	16.58	6877.07	-2182.01	-1.542e+05	
						272.0	-4843.13	-4883.70	16.58	6877.07	72.87	-7.419e+05	
108	134	4.092e+05	8811.29	-0.05	0.0	0.0	-6092.87	-4599.54	-50.00	1.618e+04	8811.29	4.092e+05	
		-7.019e+05	-4788.82	-2.87e-03	0.0	136.0	-5548.87	-4599.54	-50.00	1.618e+04	2011.24	-1.463e+05	
						272.0	-5004.87	-4599.54	-50.00	1.618e+04	-4788.82	-7.019e+05	
108	135	3.998e+05	4164.84	-0.06	0.0	0.0	-5921.54	-4527.39	63.21	1685.70	-1.303e+04	3.998e+05	
		-6.812e+05	-1.303e+04	7.68e-04	0.0	136.0	-5377.54	-4527.39	63.21	1685.70	-4431.67	-1.407e+05	
						272.0	-4833.54	-4527.39	63.21	1685.70	4164.84	-6.812e+05	

108	141	4.169e+05	2643.67	-0.05	0.0	0.0	-5880.58	-4706.87	53.73	2971.08	-1.197e+04	4.169e+05
		-7.108e+05	-1.197e+04	1.17e-03	0.0	136.0	-5336.58	-4706.87	53.73	2971.08	-4663.59	-1.469e+05
						272.0	-4792.58	-4706.87	53.73	2971.08	2643.67	-7.108e+05
108	144	3.921e+05	7753.95	-0.06	0.0	0.0	-6133.83	-4420.05	-40.52	1.489e+04	7753.95	3.921e+05
		-6.723e+05	-3267.64	-3.59e-03	0.0	136.0	-5589.83	-4420.05	-40.52	1.489e+04	2243.16	-1.401e+05
						272.0	-5045.83	-4420.05	-40.52	1.489e+04	-3267.64	-6.723e+05
108	157	4.269e+05	-14.27	-0.04	0.0	0.0	-5948.35	-4811.19	14.32	7342.41	-3909.65	4.269e+05
		-7.305e+05	-3909.65	1.95e-04	0.0	136.0	-5404.35	-4811.19	14.32	7342.41	-1961.96	-1.518e+05
						272.0	-4860.35	-4811.19	14.32	7342.41	-14.27	-7.305e+05
108	166	4.081e+05	6338.66	-0.05	0.0	0.0	-6073.47	-4591.37	-37.18	1.454e+04	6338.66	4.081e+05
		-6.996e+05	-3775.10	-2.50e-03	0.0	136.0	-5529.47	-4591.37	-37.18	1.454e+04	1281.78	-1.457e+05
						272.0	-4985.47	-4591.37	-37.18	1.454e+04	-3775.10	-6.996e+05
108	167	4.009e+05	3151.13	-0.06	0.0	0.0	-5940.94	-4535.56	50.39	3326.55	-1.056e+04	4.009e+05
		-6.835e+05	-1.056e+04	5.23e-04	0.0	136.0	-5396.94	-4535.56	50.39	3326.55	-3702.22	-1.413e+05
						272.0	-4852.94	-4535.56	50.39	3326.55	3151.13	-6.835e+05
108	173	4.141e+05	1974.40	-0.05	0.0	0.0	-5909.25	-4674.40	43.06	4320.88	-9737.63	4.141e+05
		-7.064e+05	-9737.63	7.83e-04	0.0	136.0	-5365.25	-4674.40	43.06	4320.88	-3881.62	-1.461e+05
						272.0	-4821.25	-4674.40	43.06	4320.88	1974.40	-7.064e+05
108	176	3.949e+05	5520.74	-0.06	0.0	0.0	-6105.16	-4452.53	-29.85	1.354e+04	5520.74	3.949e+05
		-6.767e+05	-2598.37	-3.06e-03	0.0	136.0	-5561.16	-4452.53	-29.85	1.354e+04	1461.18	-1.409e+05
						272.0	-5017.16	-4452.53	-29.85	1.354e+04	-2598.37	-6.767e+05
111	1	1222.49	5830.05	-0.03	0.0	0.0	-3.830e+04	-29.28	-26.49	-1265.82	5830.05	1222.49
		-1.102e+04	-5183.68	-7.20e-03	0.29	209.0	-3.769e+04	-29.28	-26.35	-1265.82	307.90	-4897.97
						418.0	-3.708e+04	-29.28	-26.20	-1265.82	-5183.68	-1.102e+04
111	4	1699.67	5170.13	-0.05	0.0	0.0	-4.422e+04	-36.85	-21.75	-1899.45	5170.13	1699.67
		-1.370e+04	-3859.78	-6.70e-03	0.29	209.0	-4.361e+04	-36.85	-21.60	-1899.45	639.89	-6001.35
						418.0	-4.299e+04	-36.85	-21.46	-1899.45	-3859.78	-1.370e+04
111	5	577.36	4801.35	-0.02	0.0	0.0	-2.629e+04	-18.36	-22.89	-678.82	4801.35	577.36
		-7097.34	-4717.69	-5.82e-03	0.22	209.0	-2.581e+04	-18.36	-22.77	-678.82	30.07	-3259.99
						418.0	-2.534e+04	-18.36	-22.66	-678.82	-4717.69	-7097.34
111	125	1.639e+04	8426.61	-5.53e-03	0.0	0.0	-2.886e+04	-95.92	-41.47	-1793.82	8426.61	1.639e+04
		-2.371e+04	-8858.87	9.51e-03	0.22	209.0	-2.839e+04	-95.92	-41.35	-1793.82	-227.89	-3657.00
						418.0	-2.792e+04	-95.92	-41.24	-1793.82	-8858.87	-2.371e+04
111	128	6961.30	706.61	-0.04	0.0	0.0	-2.938e+04	51.74	0.20	-135.59	574.10	-1.467e+04
		-1.467e+04	574.10	-0.02	0.22	209.0	-2.891e+04	51.74	0.32	-135.59	628.60	-3852.48
						418.0	-2.844e+04	51.74	0.43	-135.59	706.61	6961.30
111	129	6161.23	1.618e+04	-0.02	0.0	0.0	-2.900e+04	-47.48	-84.47	-6242.95	1.618e+04	6161.23
		-1.369e+04	-1.908e+04	0.05	0.22	209.0	-2.853e+04	-47.48	-84.36	-6242.95	-1459.54	-3762.81
						418.0	-2.806e+04	-47.48	-84.25	-6242.95	-1.908e+04	-1.369e+04
111	157	1.288e+04	7537.56	-9.70e-03	0.0	0.0	-2.892e+04	-79.21	-36.75	-1606.08	7537.56	1.288e+04
		-2.023e+04	-7775.88	6.24e-03	0.22	209.0	-2.845e+04	-79.21	-36.64	-1606.08	-130.92	-3679.14
						418.0	-2.798e+04	-79.21	-36.52	-1606.08	-7775.88	-2.023e+04
111	160	3489.28	1463.15	-0.04	0.0	0.0	-2.932e+04	35.02	-4.51	-323.33	1463.15	-1.115e+04
		-1.115e+04	-376.38	-0.02	0.22	209.0	-2.885e+04	35.02	-4.40	-323.33	531.63	-3830.35
						418.0	-2.838e+04	35.02	-4.29	-323.33	-376.38	3489.28
111	161	4961.40	1.354e+04	-0.02	0.0	0.0	-2.903e+04	-41.73	-70.02	-5047.76	1.354e+04	4961.40
		-1.248e+04	-1.568e+04	0.03	0.22	209.0	-2.856e+04	-41.73	-69.90	-5047.76	-1083.67	-3760.98
						418.0	-2.809e+04	-41.73	-69.79	-5047.76	-1.568e+04	-1.248e+04
112	7	6.455e+04	6034.39	-0.06	0.0	0.0	-1.200e+04	454.38	-55.38	-520.61	6034.39	-5.904e+04
		-5.904e+04	-9029.46	-4.17e-03	0.0	136.0	-1.170e+04	454.38	-55.38	-520.61	-1497.54	2753.17
						272.0	-1.139e+04	454.38	-55.38	-520.61	-9029.46	6.455e+04
112	9	8.872e+04	8311.59	-0.08	0.0	0.0	-1.891e+04	636.20	-79.49	-579.12	8311.59	-8.432e+04
		-8.432e+04	-1.331e+04	-5.82e-03	0.0	136.0	-1.851e+04	636.20	-79.49	-579.12	-2498.78	2201.20
						272.0	-1.812e+04	636.20	-79.49	-579.12	-1.331e+04	8.872e+04
112	11	9.034e+04	8227.48	-0.09	0.0	0.0	-1.868e+04	642.12	-77.19	-875.02	8227.48	-8.431e+04
		-8.431e+04	-1.277e+04	-4.55e-03	0.0	136.0	-1.828e+04	642.12	-77.19	-875.02	-2269.92	3016.10
						272.0	-1.788e+04	642.12	-77.19	-875.02	-1.277e+04	9.034e+04
112	123	1.017e+05	6663.31	-0.08	0.0	0.0	-1.299e+04	729.90	-67.32	-880.04	6663.31	-9.685e+04
		-9.685e+04	-1.165e+04	1.07e-03	0.0	136.0	-1.269e+04	729.90	-67.32	-880.04	-2492.04	2419.49
						272.0	-1.238e+04	729.90	-67.32	-880.04	-1.165e+04	1.017e+05
112	125	2.902e+04	4855.44	-0.04	0.0	0.0	-1.273e+04	202.31	-56.28	-532.58	4855.44	-2.600e+04
		-2.600e+04	-1.045e+04	-1.18e-03	0.0	136.0	-1.243e+04	202.31	-56.28	-532.58	-2798.19	1509.82
						272.0	-1.212e+04	202.31	-56.28	-532.58	-1.045e+04	2.902e+04
112	128	1.004e+05	7521.34	-0.07	0.0	0.0	-1.302e+04	720.07	-60.51	-124.29	7521.34	-9.548e+04
		-9.548e+04	-8937.14	-8.80e-03	0.0	136.0	-1.271e+04	720.07	-60.51	-124.29	-707.90	2448.29
						272.0	-1.240e+04	720.07	-60.51	-124.29	-8937.14	1.004e+05
112	135	7.828e+04	5140.87	-0.06	0.0	0.0	-1.287e+04	560.35	-73.27	-1781.19	5140.87	-7.414e+04
		-7.414e+04	-1.479e+04	0.01	0.0	136.0	-1.257e+04	560.35	-73.27	-1781.19	-4824.38	2069.61
						272.0	-1.226e+04	560.35	-73.27	-1781.19	-1.479e+04	7.828e+04
112	144	7.392e+04	8000.98	-0.06	0.0	0.0	-1.296e+04	527.58	-50.58	737.99	8000.98	-6.958e+04
		-6.958e+04	-5755.48	-0.02	0.0	136.0	-1.265e+04	527.58	-50.58	737.99	1122.75	2165.61
						272.0	-1.235e+04	527.58	-50.58	737.99	-5755.48	7.392e+04
112	155	9.331e+04	6555.77	-0.07	0.0	0.0	-1.297e+04	669.06	-65.30	-755.14	6555.77	-8.867e+04
		-8.867e+04	-1.121e+04	-1.40e-03	0.0	136.0	-1.266e+04	669.06	-65.30	-755.14	-2324.71	2319.76
						272.0	-1.235e+04	669.06	-65.30	-755.14	-1.121e+04	9.331e+04
112	157	3.710e+04	5157.27	-0.04	0.0	0.0	-1.276e+04	260.93	-56.76	-486.36	5157.27	-3.387e+04
		-3.387e+04	-1.028e+04	-2.05e-03	0.0	136.0	-1.246e+04	260.93	-56.76	-486.36	-2561.53	1616.07

						272.0	-1.215e+04	260.93	-56.76	-486.36	-1.028e+04	3.710e+04
112	160	9.230e+04	7219.51	-0.07	0.0	0.0	-1.298e+04	661.45	-60.03	-170.52	7219.51	-8.762e+04
		-8.762e+04	-9108.63	-7.94e-03	0.0	136.0	-1.268e+04	661.45	-60.03	-170.52	-944.56	2342.04
						272.0	-1.237e+04	661.45	-60.03	-170.52	-9108.63	9.230e+04
112	167	7.520e+04	5378.07	-0.06	0.0	0.0	-1.287e+04	537.90	-69.90	-1452.23	5378.07	-7.111e+04
		-7.111e+04	-1.364e+04	7.12e-03	0.0	136.0	-1.257e+04	537.90	-69.90	-1452.23	-4128.92	2049.11
						272.0	-1.226e+04	537.90	-69.90	-1452.23	-1.364e+04	7.520e+04
112	176	7.183e+04	7590.54	-0.06	0.0	0.0	-1.294e+04	512.54	-52.35	496.51	7590.54	-6.758e+04
		-6.758e+04	-6647.41	-0.02	0.0	136.0	-1.263e+04	512.54	-52.35	496.51	471.56	2123.37
						272.0	-1.233e+04	512.54	-52.35	496.51	-6647.41	7.183e+04
114	4	6.780e+04	2.374e+04	-0.02	0.0	0.0	-6.227e+04	-1194.36	-127.79	-1.746e+04	2.374e+04	6.780e+04
		-3.180e+05	-1.754e+04	5.84e-03	0.0	161.5	-6.143e+04	-1194.36	-127.79	-1.746e+04	3097.54	-1.251e+05
						323.0	-6.059e+04	-1194.36	-127.79	-1.746e+04	-1.754e+04	-3.180e+05
114	5	2.039e+04	8886.55	0.01	0.0	0.0	-4.215e+04	-628.93	-45.22	-1.159e+04	8886.55	2.039e+04
		-1.828e+05	-5720.97	4.62e-03	0.0	161.5	-4.151e+04	-628.93	-45.22	-1.159e+04	1582.79	-8.118e+04
						323.0	-4.086e+04	-628.93	-45.22	-1.159e+04	-5720.97	-1.828e+05
114	113	1.226e+05	1.754e+04	0.03	0.0	0.0	-4.459e+04	-1241.88	-97.56	-1.147e+04	1.754e+04	1.226e+05
		-2.785e+05	-1.397e+04	7.25e-03	0.0	161.5	-4.394e+04	-1241.88	-97.56	-1.147e+04	1783.78	-7.794e+04
						323.0	-4.330e+04	-1241.88	-97.56	-1.147e+04	-1.397e+04	-2.785e+05
114	137	6.178e+04	2.436e+04	0.02	0.0	0.0	-4.547e+04	-901.50	-132.08	-1.384e+04	2.436e+04	6.178e+04
		-2.294e+05	-1.830e+04	9.95e-03	0.0	161.5	-4.482e+04	-901.50	-132.08	-1.384e+04	3032.50	-8.381e+04
						323.0	-4.417e+04	-901.50	-132.08	-1.384e+04	-1.830e+04	-2.294e+05
114	141	5.398e+04	2.439e+04	0.02	0.0	0.0	-4.549e+04	-857.44	-131.83	-1.384e+04	2.439e+04	5.398e+04
		-2.230e+05	-1.819e+04	9.87e-03	0.0	161.5	-4.485e+04	-857.44	-131.83	-1.384e+04	3104.27	-8.449e+04
						323.0	-4.420e+04	-857.44	-131.83	-1.384e+04	-1.819e+04	-2.230e+05
114	144	9836.32	1065.72	-0.02	0.0	0.0	-4.301e+04	-610.67	2.63	-1.067e+04	216.07	9836.32
		-1.874e+05	216.07	-7.36e-04	0.0	161.5	-4.236e+04	-610.67	2.63	-1.067e+04	640.90	-8.879e+04
						323.0	-4.172e+04	-610.67	2.63	-1.067e+04	1065.72	-1.874e+05
114	145	1.021e+05	1.635e+04	0.03	0.0	0.0	-4.451e+04	-1126.89	-90.09	-1.165e+04	1.635e+04	1.021e+05
		-2.619e+05	-1.275e+04	6.64e-03	0.0	161.5	-4.387e+04	-1126.89	-90.09	-1.165e+04	1803.89	-7.991e+04
						323.0	-4.322e+04	-1126.89	-90.09	-1.165e+04	-1.275e+04	-2.619e+05
114	169	5.502e+04	2.163e+04	0.02	0.0	0.0	-4.519e+04	-863.59	-116.80	-1.348e+04	2.163e+04	5.502e+04
		-2.239e+05	-1.609e+04	8.73e-03	0.0	161.5	-4.454e+04	-863.59	-116.80	-1.348e+04	2769.85	-8.445e+04
						323.0	-4.390e+04	-863.59	-116.80	-1.348e+04	-1.609e+04	-2.239e+05
114	173	4.899e+04	2.166e+04	0.01	0.0	0.0	-4.521e+04	-829.50	-116.61	-1.348e+04	2.166e+04	4.899e+04
		-2.189e+05	-1.601e+04	8.67e-03	0.0	161.5	-4.457e+04	-829.50	-116.61	-1.348e+04	2825.37	-8.498e+04
						323.0	-4.392e+04	-829.50	-116.61	-1.348e+04	-1.601e+04	-2.189e+05
114	176	1.483e+04	2953.54	-0.02	0.0	0.0	-4.329e+04	-638.61	-12.59	-1.103e+04	2953.54	1.483e+04
		-1.914e+05	-1113.95	4.66e-04	0.0	161.5	-4.265e+04	-638.61	-12.59	-1.103e+04	919.79	-8.830e+04
						323.0	-4.200e+04	-638.61	-12.59	-1.103e+04	-1113.95	-1.914e+05
115	1	3.319e+05	-8.960e+04	-0.03	0.0	0.0	-5.908e+04	1618.30	-411.19	4787.19	-8.960e+04	-1.908e+05
		-1.908e+05	-2.224e+05	-0.03	0.0	161.5	-5.824e+04	1618.30	-411.19	4787.19	-1.560e+05	7.058e+04
						323.0	-5.740e+04	1618.30	-411.19	4787.19	-2.224e+05	3.319e+05
115	4	3.965e+05	-9.729e+04	-0.03	0.0	0.0	-6.318e+04	1985.40	-366.77	4256.27	-9.729e+04	-2.448e+05
		-2.448e+05	-2.158e+05	-0.03	0.0	161.5	-6.234e+04	1985.40	-366.77	4256.27	-1.565e+05	7.587e+04
						323.0	-6.150e+04	1985.40	-366.77	4256.27	-2.158e+05	3.965e+05
115	5	2.284e+05	-6.562e+04	-0.02	0.0	0.0	-4.357e+04	1089.03	-334.89	3906.11	-6.562e+04	-1.234e+05
		-1.234e+05	-1.738e+05	-0.02	0.0	161.5	-4.292e+04	1089.03	-334.89	3906.11	-1.197e+05	5.249e+04
						323.0	-4.228e+04	1089.03	-334.89	3906.11	-1.738e+05	2.284e+05
115	114	2.023e+05	-7.190e+04	0.02	0.0	0.0	-4.430e+04	813.66	-337.09	716.30	-7.190e+04	-6.055e+04
		-6.055e+04	-1.808e+05	-0.03	0.0	161.5	-4.365e+04	813.66	-337.09	716.30	-1.263e+05	7.086e+04
						323.0	-4.301e+04	813.66	-337.09	716.30	-1.808e+05	2.023e+05
115	115	3.102e+05	-6.597e+04	-0.04	0.0	0.0	-4.651e+04	1683.07	-294.79	6634.32	-6.597e+04	-2.335e+05
		-2.335e+05	-1.612e+05	-0.02	0.0	161.5	-4.586e+04	1683.07	-294.79	6634.32	-1.136e+05	3.836e+04
						323.0	-4.522e+04	1683.07	-294.79	6634.32	-1.612e+05	3.102e+05
115	116	3.154e+05	-8.081e+04	-0.05	0.0	0.0	-4.605e+04	1723.94	-308.12	2032.87	-8.081e+04	-2.414e+05
		-2.414e+05	-1.803e+05	-0.03	0.0	161.5	-4.540e+04	1723.94	-308.12	2032.87	-1.306e+05	3.700e+04
						323.0	-4.475e+04	1723.94	-308.12	2032.87	-1.803e+05	3.154e+05
115	129	2.305e+05	-4.286e+04	-0.01	0.0	0.0	-4.591e+04	1043.72	-298.07	1.115e+04	-4.286e+04	-1.066e+05
		-1.066e+05	-1.391e+05	0.02	0.0	161.5	-4.527e+04	1043.72	-298.07	1.115e+04	-9.100e+04	6.196e+04
						323.0	-4.462e+04	1043.72	-298.07	1.115e+04	-1.391e+05	2.305e+05
115	136	2.770e+05	-9.450e+04	-0.03	0.0	0.0	-4.482e+04	1413.54	-336.14	-3981.69	-9.450e+04	-1.796e+05
		-1.796e+05	-2.031e+05	-0.04	0.0	161.5	-4.417e+04	1413.54	-336.14	-3981.69	-1.488e+05	4.869e+04
						323.0	-4.353e+04	1413.54	-336.14	-3981.69	-2.031e+05	2.770e+05
115	146	2.145e+05	-7.122e+04	0.01	0.0	0.0	-4.455e+04	912.09	-332.30	1386.33	-7.122e+04	-8.012e+04
		-8.012e+04	-1.786e+05	-0.03	0.0	161.5	-4.390e+04	912.09	-332.30	1386.33	-1.249e+05	6.718e+04
						323.0	-4.326e+04	912.09	-332.30	1386.33	-1.786e+05	2.145e+05
115	147	2.980e+05	-6.664e+04	-0.04	0.0	0.0	-4.626e+04	1584.64	-299.58	5964.29	-6.664e+04	-2.139e+05
		-2.139e+05	-1.634e+05	-0.02	0.0	161.5	-4.561e+04	1584.64	-299.58	5964.29	-1.150e+05	4.204e+04
						323.0	-4.497e+04	1584.64	-299.58	5964.29	-1.634e+05	2.980e+05
115	148	3.020e+05	-7.812e+04	-0.04	0.0	0.0	-4.590e+04	1616.25	-309.89	2404.78	-7.812e+04	-2.200e+05
		-2.200e+05	-1.782e+05	-0.03	0.0	161.5	-4.525e+04	1616.25	-309.89	2404.78	-1.282e+05	4.099e+04
						323.0	-4.461e+04	1616.25	-309.89	2404.78	-1.782e+05	3.020e+05
115	161	2.363e+05	-4.876e+04	-0.01	0.0	0.0	-4.580e+04	1090.06	-302.12	9455.06	-4.876e+04	-1.158e+05
		-1.158e+05	-1.463e+05	0.01	0.0	161.5	-4.515e+04	1090.06	-302.12	9455.06	-9.756e+04	6.029e+04
						323.0	-4.451e+04	1090.06	-302.12	9455.06	-1.463e+05	2.363e+05
115	168	2.723e+05	-8.871e+04	-0.03	0.0	0.0	-4.495e+04	1376.14	-331.57	-2247.87	-8.871e+04	-1.722e+05

		-1.722e+05	-1.958e+05	-0.04	0.0	161.5	-4.430e+04	1376.14	-331.57	-2247.87	-1.423e+05	5.003e+04
						323.0	-4.366e+04	1376.14	-331.57	-2247.87	-1.958e+05	2.723e+05
116	4	4.496e+05	3.925e+05	-0.05	0.0	0.0	-3.624e+04	2158.17	-1846.48	-6716.33	3.925e+05	-4.525e+05
		-4.525e+05	-3.793e+05	-0.04	0.0	209.0	-3.515e+04	2158.17	-1846.48	-6716.33	6610.03	-1427.04
						418.0	-3.406e+04	2158.17	-1846.48	-6716.33	-3.793e+05	4.496e+05
116	5	2.674e+05	2.964e+05	-0.03	0.0	0.0	-2.500e+04	1287.53	-1393.21	-3453.29	2.964e+05	-2.708e+05
		-2.708e+05	-2.859e+05	-0.03	0.0	209.0	-2.416e+04	1287.53	-1393.21	-3453.29	5268.61	-1678.16
						418.0	-2.333e+04	1287.53	-1393.21	-3453.29	-2.859e+05	2.674e+05
116	116	3.614e+05	2.453e+05	-0.08	0.0	0.0	-2.633e+04	1714.67	-1148.16	-3061.68	2.453e+05	-3.553e+05
		-3.553e+05	-2.346e+05	-0.07	0.0	209.0	-2.549e+04	1714.67	-1148.16	-3061.68	5338.43	3059.09
						418.0	-2.466e+04	1714.67	-1148.16	-3061.68	-2.346e+05	3.614e+05
116	129	2.689e+05	4.471e+05	-0.01	0.0	0.0	-2.637e+04	1303.07	-2116.62	-2656.36	4.471e+05	-2.758e+05
		-2.758e+05	-4.377e+05	0.08	0.0	209.0	-2.554e+04	1303.07	-2116.62	-2656.36	4687.00	-3449.23
						418.0	-2.470e+04	1303.07	-2116.62	-2656.36	-4.377e+05	2.689e+05
116	130	2.850e+05	1.556e+05	-0.02	0.0	0.0	-2.548e+04	1373.63	-716.93	-6445.27	1.556e+05	-2.892e+05
		-2.892e+05	-1.441e+05	-0.13	0.0	209.0	-2.465e+04	1373.63	-716.93	-6445.27	5718.09	-2104.69
						418.0	-2.381e+04	1373.63	-716.93	-6445.27	-1.441e+05	2.850e+05
116	131	3.068e+05	4.414e+05	-0.04	0.0	0.0	-2.662e+04	1471.87	-2089.54	-1706.75	4.414e+05	-3.085e+05
		-3.085e+05	-4.320e+05	0.08	0.0	209.0	-2.578e+04	1471.87	-2089.54	-1706.75	4678.33	-848.75
						418.0	-2.495e+04	1471.87	-2089.54	-1706.75	-4.320e+05	3.068e+05
116	148	3.466e+05	2.573e+05	-0.07	0.0	0.0	-2.627e+04	1648.57	-1205.92	-3291.36	2.573e+05	-3.425e+05
		-3.425e+05	-2.467e+05	-0.06	0.0	209.0	-2.543e+04	1648.57	-1205.92	-3291.36	5306.68	2032.01
						418.0	-2.459e+04	1648.57	-1205.92	-3291.36	-2.467e+05	3.466e+05
116	161	2.750e+05	4.134e+05	-0.02	0.0	0.0	-2.630e+04	1330.17	-1955.08	-2977.82	4.134e+05	-2.810e+05
		-2.810e+05	-4.038e+05	0.06	0.0	209.0	-2.546e+04	1330.17	-1955.08	-2977.82	4802.76	-3002.58
						418.0	-2.463e+04	1330.17	-1955.08	-2977.82	-4.038e+05	2.750e+05
116	162	2.875e+05	1.879e+05	-0.02	0.0	0.0	-2.561e+04	1384.76	-872.34	-5908.79	1.879e+05	-2.914e+05
		-2.914e+05	-1.767e+05	-0.11	0.0	209.0	-2.478e+04	1384.76	-872.34	-5908.79	5600.37	-1962.50
						418.0	-2.394e+04	1384.76	-872.34	-5908.79	-1.767e+05	2.875e+05
116	163	3.043e+05	4.090e+05	-0.04	0.0	0.0	-2.649e+04	1460.75	-1934.14	-2243.24	4.090e+05	-3.063e+05
		-3.063e+05	-3.994e+05	0.06	0.0	209.0	-2.565e+04	1460.75	-1934.14	-2243.24	4796.06	-990.94
						418.0	-2.482e+04	1460.75	-1934.14	-2243.24	-3.994e+05	3.043e+05
117	3	3.318e+05	-5.363e+04	-0.04	0.0	0.0	-2.301e+04	-2105.84	-139.30	-1.144e+04	-5.363e+04	3.318e+05
		-4.278e+05	-1.119e+05	0.04	0.0	209.0	-2.192e+04	-2105.84	-139.30	-1.144e+04	-8.274e+04	-4.801e+04
						418.0	-2.083e+04	-2105.84	-139.30	-1.144e+04	-1.119e+05	-4.278e+05
117	4	3.319e+05	-5.381e+04	-0.04	0.0	0.0	-2.324e+04	-2105.57	-140.19	-1.142e+04	-5.381e+04	3.319e+05
		-4.276e+05	-1.124e+05	0.04	0.0	209.0	-2.216e+04	-2105.57	-140.19	-1.142e+04	-8.311e+04	-4.784e+04
						418.0	-2.107e+04	-2105.57	-140.19	-1.142e+04	-1.124e+05	-4.276e+05
117	5	2.005e+05	-3.811e+04	-0.02	0.0	0.0	-1.534e+04	-1300.14	-98.06	-7865.91	-3.811e+04	2.005e+05
		-2.673e+05	-7.910e+04	0.03	0.0	209.0	-1.451e+04	-1300.14	-98.06	-7865.91	-5.861e+04	-3.342e+04
						418.0	-1.367e+04	-1300.14	-98.06	-7865.91	-7.910e+04	-2.673e+05
117	113	2.822e+05	-3.821e+04	0.04	0.0	0.0	-1.680e+04	-1842.79	-90.49	-9005.49	-3.821e+04	2.822e+05
		-3.811e+05	-7.603e+04	0.03	0.0	209.0	-1.596e+04	-1842.79	-90.49	-9005.49	-5.712e+04	-4.948e+04
						418.0	-1.512e+04	-1842.79	-90.49	-9005.49	-7.603e+04	-3.811e+05
117	132	1.978e+05	-3.760e+04	-0.04	0.0	0.0	-1.553e+04	-1244.75	-129.28	-3195.71	-3.760e+04	1.978e+05
		-2.539e+05	-9.163e+04	0.03	0.0	209.0	-1.469e+04	-1244.75	-129.28	-3195.71	-6.461e+04	-2.802e+04
						418.0	-1.386e+04	-1244.75	-129.28	-3195.71	-9.163e+04	-2.539e+05
117	137	2.420e+05	-4.167e+04	0.02	0.0	0.0	-1.708e+04	-1576.81	-78.49	-1.222e+04	-4.167e+04	2.420e+05
		-3.234e+05	-7.448e+04	0.03	0.0	209.0	-1.625e+04	-1576.81	-78.49	-1.222e+04	-5.808e+04	-4.070e+04
						418.0	-1.541e+04	-1576.81	-78.49	-1.222e+04	-7.448e+04	-3.234e+05
117	140	1.987e+05	-3.695e+04	-0.04	0.0	0.0	-1.546e+04	-1255.16	-124.81	-4181.09	-3.695e+04	1.987e+05
		-2.559e+05	-8.912e+04	0.03	0.0	209.0	-1.463e+04	-1255.16	-124.81	-4181.09	-6.303e+04	-2.858e+04
						418.0	-1.379e+04	-1255.16	-124.81	-4181.09	-8.912e+04	-2.559e+05
117	142	2.302e+05	-3.578e+04	-0.02	0.0	0.0	-1.565e+04	-1465.72	-123.29	-3806.77	-3.578e+04	2.302e+05
		-3.012e+05	-8.731e+04	0.03	0.0	209.0	-1.481e+04	-1465.72	-123.29	-3806.77	-6.154e+04	-3.550e+04
						418.0	-1.397e+04	-1465.72	-123.29	-3806.77	-8.731e+04	-3.012e+05
117	145	2.682e+05	-3.846e+04	0.03	0.0	0.0	-1.668e+04	-1746.15	-93.01	-8823.00	-3.846e+04	2.682e+05
		-3.604e+05	-7.734e+04	0.03	0.0	209.0	-1.584e+04	-1746.15	-93.01	-8823.00	-5.790e+04	-4.612e+04
						418.0	-1.501e+04	-1746.15	-93.01	-8823.00	-7.734e+04	-3.604e+05
117	164	2.029e+05	-3.798e+04	-0.04	0.0	0.0	-1.570e+04	-1283.52	-123.02	-4328.77	-3.798e+04	2.029e+05
		-2.620e+05	-8.941e+04	0.03	0.0	209.0	-1.486e+04	-1283.52	-123.02	-4328.77	-6.369e+04	-2.952e+04
						418.0	-1.403e+04	-1283.52	-123.02	-4328.77	-8.941e+04	-2.620e+05
117	169	2.371e+05	-4.114e+04	0.01	0.0	0.0	-1.690e+04	-1540.39	-83.73	-1.131e+04	-4.114e+04	2.371e+05
		-3.157e+05	-7.614e+04	0.03	0.0	209.0	-1.606e+04	-1540.39	-83.73	-1.131e+04	-5.864e+04	-3.932e+04
						418.0	-1.523e+04	-1540.39	-83.73	-1.131e+04	-7.614e+04	-3.157e+05
117	172	2.036e+05	-3.748e+04	-0.04	0.0	0.0	-1.565e+04	-1291.58	-119.56	-5091.03	-3.748e+04	2.036e+05
		-2.635e+05	-8.746e+04	0.03	0.0	209.0	-1.481e+04	-1291.58	-119.56	-5091.03	-6.247e+04	-2.995e+04
						418.0	-1.397e+04	-1291.58	-119.56	-5091.03	-8.746e+04	-2.635e+05
117	174	2.280e+05	-3.658e+04	-0.02	0.0	0.0	-1.579e+04	-1454.46	-118.39	-4801.47	-3.658e+04	2.280e+05
		-2.986e+05	-8.606e+04	0.03	0.0	209.0	-1.495e+04	-1454.46	-118.39	-4801.47	-6.132e+04	-3.530e+04
						418.0	-1.412e+04	-1454.46	-118.39	-4801.47	-8.606e+04	-2.986e+05
118	4	1.992e+04	-3.437e+04	-0.02	0.0	0.0	-7.694e+04	358.03	120.72	1.177e+04	-7.336e+04	-9.573e+04
		-9.573e+04	-7.336e+04	9.07e-03	0.0	161.5	-7.610e+04	358.03	120.72	1.177e+04	-5.387e+04	-3.791e+04
						323.0	-7.526e+04	358.03	120.72	1.177e+04	-3.437e+04	1.992e+04
118	5	-8958.60	-2.771e+04	-9.28e-03	0.0	0.0	-5.006e+04	83.46	80.45	8630.82	-5.369e+04	-3.592e+04
		-3.592e+04	-5.369e+04	7.34e-03	0.0	161.5	-4.942e+04	83.46	80.45	8630.82	-4.070e+04	-2.244e+04
						323.0	-4.877e+04	83.46	80.45	8630.82	-2.771e+04	-8958.60

118	8	1.044e+04	-2.665e+04	-0.01	0.0	0.0	-5.748e+04	238.39	90.74	8982.00	-5.596e+04	-6.656e+04
		-6.656e+04	-5.596e+04	7.06e-03	0.0	161.5	-5.683e+04	238.39	90.74	8982.00	-4.131e+04	-2.806e+04
						323.0	-5.618e+04	238.39	90.74	8982.00	-2.665e+04	1.044e+04
118	116	9.355e+04	-3.260e+04	-0.04	0.0	0.0	-5.330e+04	795.51	149.48	6997.24	-8.089e+04	-1.634e+05
		-1.634e+05	-8.089e+04	-0.01	0.0	161.5	-5.266e+04	795.51	149.48	6997.24	-5.674e+04	-3.492e+04
						323.0	-5.201e+04	795.51	149.48	6997.24	-3.260e+04	9.355e+04
118	129	-3989.37	3.162e+04	3.96e-03	0.0	0.0	-5.351e+04	-105.21	-133.72	1.585e+04	3.162e+04	-3989.37
		-3.797e+04	-1.157e+04	0.05	0.0	161.5	-5.287e+04	-105.21	-133.72	1.585e+04	1.002e+04	-2.098e+04
						323.0	-5.222e+04	-105.21	-133.72	1.585e+04	-1.157e+04	-3.797e+04
118	132	3.779e+04	-4.292e+04	-0.02	0.0	0.0	-5.327e+04	412.25	303.57	1714.07	-1.410e+05	-9.536e+04
		-9.536e+04	-1.410e+05	-0.05	0.0	161.5	-5.262e+04	412.25	303.57	1714.07	-9.194e+04	-2.879e+04
						323.0	-5.198e+04	412.25	303.57	1714.07	-4.292e+04	3.779e+04
118	133	-1.338e+04	3.185e+04	2.80e-03	0.0	0.0	-5.351e+04	-52.19	-134.58	1.587e+04	3.185e+04	-1.338e+04
		-3.024e+04	-1.162e+04	0.05	0.0	161.5	-5.286e+04	-52.19	-134.58	1.587e+04	1.011e+04	-2.181e+04
						323.0	-5.222e+04	-52.19	-134.58	1.587e+04	-1.162e+04	-3.024e+04
118	136	3.006e+04	-4.287e+04	-0.02	0.0	0.0	-5.327e+04	359.23	304.43	1695.40	-1.412e+05	-8.597e+04
		-8.597e+04	-1.412e+05	-0.05	0.0	161.5	-5.263e+04	359.23	304.43	1695.40	-9.203e+04	-2.795e+04
						323.0	-5.198e+04	359.23	304.43	1695.40	-4.287e+04	3.006e+04
118	148	7.235e+04	-3.139e+04	-0.04	0.0	0.0	-5.332e+04	650.14	134.87	7401.67	-7.495e+04	-1.376e+05
		-1.376e+05	-7.495e+04	-0.01	0.0	161.5	-5.268e+04	650.14	134.87	7401.67	-5.317e+04	-3.265e+04
						323.0	-5.203e+04	650.14	134.87	7401.67	-3.139e+04	7.235e+04
118	161	-1.433e+04	1.208e+04	2.81e-03	0.0	0.0	-5.348e+04	-46.62	-84.21	1.425e+04	1.208e+04	-1.433e+04
		-2.939e+04	-1.512e+04	0.04	0.0	161.5	-5.284e+04	-46.62	-84.21	1.425e+04	-1521.93	-2.186e+04
						323.0	-5.219e+04	-46.62	-84.21	1.425e+04	-1.512e+04	-2.939e+04
118	164	2.922e+04	-3.937e+04	-0.02	0.0	0.0	-5.330e+04	353.66	254.06	3314.80	-1.214e+05	-8.502e+04
		-8.502e+04	-1.214e+05	-0.04	0.0	161.5	-5.265e+04	353.66	254.06	3314.80	-8.040e+04	-2.790e+04
						323.0	-5.200e+04	353.66	254.06	3314.80	-3.937e+04	2.922e+04
118	165	-2.160e+04	1.225e+04	-4.60e-03	0.0	0.0	-5.348e+04	-5.61	-84.87	1.427e+04	1.225e+04	-2.160e+04
		-2.341e+04	-1.516e+04	0.04	0.0	161.5	-5.283e+04	-5.61	-84.87	1.427e+04	-1452.78	-2.251e+04
						323.0	-5.219e+04	-5.61	-84.87	1.427e+04	-1.516e+04	-2.341e+04
118	168	2.324e+04	-3.933e+04	-0.02	0.0	0.0	-5.330e+04	312.65	254.73	3300.36	-1.216e+05	-7.775e+04
		-7.775e+04	-1.216e+05	-0.04	0.0	161.5	-5.265e+04	312.65	254.73	3300.36	-8.047e+04	-2.726e+04
						323.0	-5.201e+04	312.65	254.73	3300.36	-3.933e+04	2.324e+04
119	4	3.471e+04	8432.59	-0.04	0.0	0.0	-4.511e+04	112.80	-56.81	7004.81	8432.59	-1.245e+04
		-1.245e+04	-1.531e+04	-0.04	0.0	209.0	-4.403e+04	112.80	-56.81	7004.81	-3440.94	1.113e+04
						418.0	-4.294e+04	112.80	-56.81	7004.81	-1.531e+04	3.471e+04
119	5	9046.66	6442.76	-0.02	0.0	0.0	-2.964e+04	-9.01	-43.34	5572.96	6442.76	9046.66
		5278.74	-1.167e+04	-0.03	0.0	209.0	-2.880e+04	-9.01	-43.34	5572.96	-2614.71	7162.70
						418.0	-2.797e+04	-9.01	-43.34	5572.96	-1.167e+04	5278.74
119	9	2.279e+04	8532.25	-0.03	0.0	0.0	-4.210e+04	57.88	-56.92	7108.06	8532.25	-1404.08
		-1404.08	-1.526e+04	-0.04	0.0	209.0	-4.101e+04	57.88	-56.92	7108.06	-3363.12	1.069e+04
						418.0	-3.992e+04	57.88	-56.92	7108.06	-1.526e+04	2.279e+04
119	116	1.063e+05	3868.07	-0.07	0.0	0.0	-3.147e+04	462.69	23.60	7051.23	-5995.60	-8.713e+04
		-8.713e+04	-5995.60	-0.06	0.0	209.0	-3.064e+04	462.69	23.60	7051.23	-1063.76	9571.72
						418.0	-2.980e+04	462.69	23.60	7051.23	3868.07	1.063e+05
119	133	3.007e+04	4.610e+04	-8.02e-03	0.0	0.0	-3.156e+04	-110.59	-258.18	4415.78	4.610e+04	3.007e+04
		-1.615e+04	-6.182e+04	0.07	0.0	209.0	-3.073e+04	-110.59	-258.18	4415.78	-7862.55	6960.68
						418.0	-2.989e+04	-110.59	-258.18	4415.78	-6.182e+04	-1.615e+04
119	136	4.244e+04	3.839e+04	-0.04	0.0	0.0	-3.143e+04	162.85	171.21	6595.34	-3.317e+04	-2.563e+04
		-2.563e+04	-3.317e+04	-0.14	0.0	209.0	-3.059e+04	162.85	171.21	6595.34	2610.34	8402.23
						418.0	-2.976e+04	162.85	171.21	6595.34	3.839e+04	4.244e+04
119	148	8.518e+04	339.63	-0.06	0.0	0.0	-3.148e+04	363.83	8.41	6701.23	-3174.70	-6.690e+04
		-6.690e+04	-3174.70	-0.06	0.0	209.0	-3.064e+04	363.83	8.41	6701.23	-1417.54	9143.70
						418.0	-2.981e+04	363.83	8.41	6701.23	339.63	8.518e+04
119	165	2.377e+04	3.712e+04	-0.01	0.0	0.0	-3.155e+04	-79.64	-209.56	4662.55	3.712e+04	2.377e+04
		-9519.84	-5.048e+04	0.05	0.0	209.0	-3.071e+04	-79.64	-209.56	4662.55	-6676.83	7123.89
						418.0	-2.988e+04	-79.64	-209.56	4662.55	-5.048e+04	-9519.84
119	168	3.580e+04	2.705e+04	-0.03	0.0	0.0	-3.144e+04	131.89	122.60	6348.57	-2.420e+04	-1.933e+04
		-1.933e+04	-2.420e+04	-0.11	0.0	209.0	-3.061e+04	131.89	122.60	6348.57	1424.61	8239.02
						418.0	-2.977e+04	131.89	122.60	6348.57	2.705e+04	3.580e+04
120	1	7.283e+04	2.377e+04	8.01e-03	0.0	0.0	-1.226e+04	-400.70	-56.27	4259.64	2.377e+04	7.283e+04
		-3.616e+04	8463.39	-0.02	0.0	136.0	-1.155e+04	-400.70	-56.27	4259.64	1.612e+04	1.834e+04
						272.0	-1.084e+04	-400.70	-56.27	4259.64	8463.39	-3.616e+04
120	7	4.826e+04	1.773e+04	4.81e-03	0.0	0.0	-8657.34	-212.87	-43.26	3316.61	1.773e+04	4.826e+04
		-9646.10	5960.76	-0.02	0.0	136.0	-8113.34	-212.87	-43.26	3316.61	1.184e+04	1.930e+04
						272.0	-7569.34	-212.87	-43.26	3316.61	5960.76	-9646.10
120	9	7.277e+04	2.389e+04	8.33e-03	0.0	0.0	-1.316e+04	-412.65	-56.31	4247.14	2.389e+04	7.277e+04
		-3.947e+04	8578.26	-0.02	0.0	136.0	-1.245e+04	-412.65	-56.31	4247.14	1.624e+04	1.665e+04
						272.0	-1.175e+04	-412.65	-56.31	4247.14	8578.26	-3.947e+04
120	113	9.298e+04	8902.33	0.02	0.0	0.0	-9103.57	-615.46	-28.76	4143.23	8902.33	9.298e+04
		-7.443e+04	1079.68	-5.53e-03	0.0	136.0	-8559.57	-615.46	-28.76	4143.23	4991.00	9275.92
						272.0	-8015.57	-615.46	-28.76	4143.23	1079.68	-7.443e+04
120	130	6.283e+04	4.821e+04	9.86e-03	0.0	0.0	-9078.43	-359.74	-96.06	-2054.56	4.821e+04	6.283e+04
		-3.502e+04	2.208e+04	-0.06	0.0	136.0	-8534.43	-359.74	-96.06	-2054.56	3.514e+04	1.390e+04
						272.0	-7990.43	-359.74	-96.06	-2054.56	2.208e+04	-3.502e+04
120	131	4.848e+04	-9177.16	2.14e-03	0.0	0.0	-9142.96	-239.75	9.55	8618.20	-1.177e+04	4.848e+04
		-1.673e+04	-1.177e+04	0.02	0.0	136.0	-8598.96	-239.75	9.55	8618.20	-1.048e+04	1.588e+04

						272.0	-8054.96	-239.75	9.55	8618.20	-9177.16	-1.673e+04	
120	133	6.683e+04	-9528.76	9.06e-03	0.0	0.0	-9135.26	-395.18	8.99	8291.96	-1.197e+04	6.683e+04	
		-4.066e+04	-1.197e+04	0.02	0.0	136.0	-8591.26	-395.18	8.99	8291.96	-1.075e+04	1.309e+04	
						272.0	-8047.26	-395.18	8.99	8291.96	-9528.76	-4.066e+04	
120	136	4.448e+04	4.841e+04	2.93e-03	0.0	0.0	-9086.14	-204.30	-95.50	-1728.32	4.841e+04	4.448e+04	
		-1.109e+04	2.243e+04	-0.06	0.0	136.0	-8542.14	-204.30	-95.50	-1728.32	3.542e+04	1.669e+04	
						272.0	-7998.14	-204.30	-95.50	-1728.32	2.243e+04	-1.109e+04	
120	145	8.453e+04	1.101e+04	0.02	0.0	0.0	-9105.19	-543.97	-32.04	3948.18	1.101e+04	8.453e+04	
		-6.343e+04	2295.92	-8.32e-03	0.0	136.0	-8561.19	-543.97	-32.04	3948.18	6653.69	1.055e+04	
						272.0	-8017.19	-543.97	-32.04	3948.18	2295.92	-6.343e+04	
120	161	6.692e+04	-5118.22	9.32e-03	0.0	0.0	-9128.50	-395.43	-2.98	7094.96	-5118.22	6.692e+04	
		-4.064e+04	-5929.14	0.01	0.0	136.0	-8584.50	-395.43	-2.98	7094.96	-5523.68	1.314e+04	
						272.0	-8040.50	-395.43	-2.98	7094.96	-5929.14	-4.064e+04	
120	162	6.120e+04	4.142e+04	8.98e-03	0.0	0.0	-9085.74	-346.15	-84.10	-846.21	4.142e+04	6.120e+04	
		-3.295e+04	1.854e+04	-0.05	0.0	136.0	-8541.74	-346.15	-84.10	-846.21	2.998e+04	1.413e+04	
						272.0	-7997.74	-346.15	-84.10	-846.21	1.854e+04	-3.295e+04	
120	163	5.011e+04	-4983.18	3.01e-03	0.0	0.0	-9135.66	-253.33	-2.41	7409.85	-4983.18	5.011e+04	
		-1.880e+04	-5638.39	0.01	0.0	136.0	-8591.66	-253.33	-2.41	7409.85	-5310.78	1.565e+04	
						272.0	-8047.66	-253.33	-2.41	7409.85	-5638.39	-1.880e+04	
120	168	4.701e+04	4.157e+04	3.63e-03	0.0	0.0	-9091.70	-225.91	-83.67	-593.84	4.157e+04	4.701e+04	
		-1.444e+04	1.881e+04	-0.05	0.0	136.0	-8547.70	-225.91	-83.67	-593.84	3.019e+04	1.628e+04	
						272.0	-8003.70	-225.91	-83.67	-593.84	1.881e+04	-1.444e+04	
121	3	3.127e+05	3.434e+05	0.01	0.0	0.0	-8302.06	2595.55	-1725.69	-3184.16	3.434e+05	-3.932e+05	
		-3.932e+05	-1.260e+05	-0.03	0.0	136.0	-7594.86	2595.55	-1725.69	-3184.16	1.087e+05	-4.026e+04	
						272.0	-6887.66	2595.55	-1725.69	-3184.16	-1.260e+05	3.127e+05	
121	4	3.218e+05	3.438e+05	0.01	0.0	0.0	-8503.97	2639.70	-1726.20	-3201.87	3.438e+05	-3.962e+05	
		-3.962e+05	-1.257e+05	-0.03	0.0	136.0	-7796.77	2639.70	-1726.20	-3201.87	1.090e+05	-3.720e+04	
						272.0	-7089.57	2639.70	-1726.20	-3201.87	-1.257e+05	3.218e+05	
121	5	1.883e+05	2.612e+05	7.80e-03	0.0	0.0	-5857.69	1545.63	-1282.05	-1530.53	2.612e+05	-2.321e+05	
		-2.321e+05	-8.750e+04	-0.02	0.0	136.0	-5313.69	1545.63	-1282.05	-1530.53	8.686e+04	-2.190e+04	
						272.0	-4769.69	1545.63	-1282.05	-1530.53	-8.750e+04	1.883e+05	
121	11	3.211e+05	3.436e+05	0.01	0.0	0.0	-8652.99	2585.39	-1715.39	-2989.23	3.436e+05	-3.821e+05	
		-3.821e+05	-1.230e+05	-0.03	0.0	136.0	-7945.79	2585.39	-1715.39	-2989.23	1.103e+05	-3.052e+04	
						272.0	-7238.59	2585.39	-1715.39	-2989.23	-1.230e+05	3.211e+05	
121	114	1.871e+05	2.711e+05	0.02	0.0	0.0	-5986.53	1612.93	-1319.80	-4293.04	2.711e+05	-2.516e+05	
		-2.516e+05	-8.789e+04	-0.02	0.0	136.0	-5442.53	1612.93	-1319.80	-4293.04	9.160e+04	-3.229e+04	
						272.0	-4898.53	1612.93	-1319.80	-4293.04	-8.789e+04	1.871e+05	
121	115	2.333e+05	2.538e+05	-8.06e-03	0.0	0.0	-6243.52	1833.98	-1277.89	553.85	2.538e+05	-2.655e+05	
		-2.655e+05	-9.382e+04	-0.02	0.0	136.0	-5699.52	1833.98	-1277.89	553.85	7.997e+04	-1.610e+04	
						272.0	-5155.52	1833.98	-1277.89	553.85	-9.382e+04	2.333e+05	
121	116	2.361e+05	2.697e+05	-8.22e-03	0.0	0.0	-6193.39	1849.78	-1288.12	-3543.75	2.697e+05	-2.670e+05	
		-2.670e+05	-8.065e+04	-0.03	0.0	136.0	-5649.39	1849.78	-1288.12	-3543.75	9.453e+04	-1.545e+04	
						272.0	-5105.39	1849.78	-1288.12	-3543.75	-8.065e+04	2.361e+05	
121	129	1.982e+05	2.361e+05	0.01	0.0	0.0	-6167.54	1661.59	-1286.54	4847.36	2.361e+05	-2.538e+05	
		-2.538e+05	-1.139e+05	-8.62e-03	0.0	136.0	-5623.54	1661.59	-1286.54	4847.36	6.108e+04	-2.779e+04	
						272.0	-5079.54	1661.59	-1286.54	4847.36	-1.139e+05	1.982e+05	
121	130	2.075e+05	2.892e+05	0.01	0.0	0.0	-6000.45	1714.27	-1320.66	-8811.33	2.892e+05	-2.588e+05	
		-2.588e+05	-6.999e+04	-0.04	0.0	136.0	-5456.45	1714.27	-1320.66	-8811.33	1.096e+05	-2.564e+04	
						272.0	-4912.45	1714.27	-1320.66	-8811.33	-6.999e+04	2.075e+05	
121	146	1.923e+05	2.691e+05	0.02	0.0	0.0	-6015.63	1637.96	-1315.06	-3744.28	2.691e+05	-2.532e+05	
		-2.532e+05	-8.856e+04	-0.02	0.0	136.0	-5471.63	1637.96	-1315.06	-3744.28	9.029e+04	-3.046e+04	
						272.0	-4927.63	1637.96	-1315.06	-3744.28	-8.856e+04	1.923e+05	
121	147	2.281e+05	2.557e+05	-5.24e-03	0.0	0.0	-6214.42	1808.95	-1282.63	5.09	2.557e+05	-2.639e+05	
		-2.639e+05	-9.315e+04	-0.02	0.0	136.0	-5670.42	1808.95	-1282.63	5.09	8.129e+04	-1.793e+04	
						272.0	-5126.42	1808.95	-1282.63	5.09	-9.315e+04	2.281e+05	
121	148	2.302e+05	2.681e+05	-5.37e-03	0.0	0.0	-6175.65	1821.18	-1290.55	-3164.66	2.681e+05	-2.651e+05	
		-2.651e+05	-8.296e+04	-0.02	0.0	136.0	-5631.65	1821.18	-1290.55	-3164.66	9.255e+04	-1.743e+04	
						272.0	-5087.65	1821.18	-1290.55	-3164.66	-8.296e+04	2.302e+05	
121	161	2.009e+05	2.420e+05	0.01	0.0	0.0	-6155.65	1675.59	-1289.33	3326.39	2.420e+05	-2.549e+05	
		-2.549e+05	-1.087e+05	-0.01	0.0	136.0	-5611.65	1675.59	-1289.33	3326.39	6.668e+04	-2.698e+04	
						272.0	-5067.65	1675.59	-1289.33	3326.39	-1.087e+05	2.009e+05	
121	162	2.081e+05	2.832e+05	0.01	0.0	0.0	-6026.40	1716.35	-1315.72	-7239.46	2.832e+05	-2.587e+05	
		-2.587e+05	-7.472e+04	-0.03	0.0	136.0	-5482.40	1716.35	-1315.72	-7239.46	1.042e+05	-2.531e+04	
						272.0	-4938.40	1716.35	-1315.72	-7239.46	-7.472e+04	2.081e+05	
122	4	4.032e+05	1550.26	-0.04	0.0	0.0	-9.897e+04	1830.57	-88.94	6329.54	1550.26	-1.881e+05	
		-1.881e+05	-2.718e+04	0.02	0.0	161.5	-9.813e+04	1830.57	-88.94	6329.54	-1.281e+04	1.076e+05	
						323.0	-9.729e+04	1830.57	-88.94	6329.54	-2.718e+04	4.032e+05	
122	5	2.527e+05	-1637.20	-0.02	0.0	0.0	-6.423e+04	1130.11	-55.80	4270.56	-1637.20	-1.124e+05	
		-1.124e+05	-1.966e+04	0.01	0.0	161.5	-6.358e+04	1130.11	-55.80	4270.56	-1.065e+04	7.015e+04	
						323.0	-6.293e+04	1130.11	-55.80	4270.56	-1.966e+04	2.527e+05	
122	116	3.568e+05	-2.134e+04	-0.05	0.0	0.0	-6.808e+04	1833.40	7.32	7427.60	-2.370e+04	-2.353e+05	
		-2.353e+05	-2.370e+04	4.55e-03	0.0	161.5	-6.743e+04	1833.40	7.32	7427.60	-2.252e+04	6.075e+04	
						323.0	-6.678e+04	1833.40	7.32	7427.60	-2.134e+04	3.568e+05	
122	117	1.904e+05	1.877e+04	0.02	0.0	0.0	-6.906e+04	629.66	-119.06	2362.48	1.877e+04	-1.303e+04	
		-1.303e+04	-1.969e+04	0.02	0.0	161.5	-6.842e+04	629.66	-119.06	2362.48	-460.52	8.866e+04	
						323.0	-6.777e+04	629.66	-119.06	2362.48	-1.969e+04	1.904e+05	
122	120	3.567e+05	-1.998e+04	-0.05	0.0	0.0	-6.808e+04	1832.40	-1.73	6614.35	-1.998e+04	-2.352e+05	

		-2.352e+05	-2.054e+04	5.28e-03	0.0	161.5	-6.743e+04	1832.40	-1.73	6614.35	-2.026e+04	6.077e+04
						323.0	-6.678e+04	1832.40	-1.73	6614.35	-2.054e+04	3.567e+05
122	130	2.533e+05	-2.412e+04	-0.02	0.0	0.0	-6.863e+04	1085.47	186.19	1.413e+04	-8.426e+04	-9.729e+04
		-9.729e+04	-8.426e+04	-0.03	0.0	161.5	-6.798e+04	1085.47	186.19	1.413e+04	-5.419e+04	7.802e+04
						323.0	-6.733e+04	1085.47	186.19	1.413e+04	-2.412e+04	2.533e+05
122	131	2.937e+05	8.305e+04	-0.03	0.0	0.0	-6.851e+04	1376.60	-306.99	-5157.12	8.305e+04	-1.509e+05
		-1.509e+05	-1.610e+04	0.06	0.0	161.5	-6.787e+04	1376.60	-306.99	-5157.12	3.348e+04	7.142e+04
						323.0	-6.722e+04	1376.60	-306.99	-5157.12	-1.610e+04	2.937e+05
122	148	3.380e+05	-1.847e+04	-0.04	0.0	0.0	-6.819e+04	1697.00	-8.02	6762.06	-1.847e+04	-2.102e+05
		-2.102e+05	-2.106e+04	5.63e-03	0.0	161.5	-6.754e+04	1697.00	-8.02	6762.06	-1.977e+04	6.391e+04
						323.0	-6.690e+04	1697.00	-8.02	6762.06	-2.106e+04	3.380e+05
122	149	2.092e+05	1.438e+04	0.01	0.0	0.0	-6.895e+04	765.84	-105.78	2843.87	1.438e+04	-3.818e+04
		-3.818e+04	-1.978e+04	0.02	0.0	161.5	-6.831e+04	765.84	-105.78	2843.87	-2701.73	8.550e+04
						323.0	-6.766e+04	765.84	-105.78	2843.87	-1.978e+04	2.092e+05
122	152	3.379e+05	-1.559e+04	-0.04	0.0	0.0	-6.819e+04	1696.23	-15.01	6132.96	-1.559e+04	-2.100e+05
		-2.100e+05	-2.044e+04	6.37e-03	0.0	161.5	-6.754e+04	1696.23	-15.01	6132.96	-1.801e+04	6.393e+04
						323.0	-6.690e+04	1696.23	-15.01	6132.96	-2.044e+04	3.379e+05
122	162	2.579e+05	-2.321e+04	-0.02	0.0	0.0	-6.861e+04	1118.43	130.36	1.195e+04	-6.532e+04	-1.034e+05
		-1.034e+05	-6.532e+04	-0.02	0.0	161.5	-6.797e+04	1118.43	130.36	1.195e+04	-4.427e+04	7.727e+04
						323.0	-6.732e+04	1118.43	130.36	1.195e+04	-2.321e+04	2.579e+05
122	163	2.892e+05	6.411e+04	-0.03	0.0	0.0	-6.853e+04	1343.64	-251.15	-2973.01	6.411e+04	-1.448e+05
		-1.448e+05	-1.701e+04	0.05	0.0	161.5	-6.788e+04	1343.64	-251.15	-2973.01	2.355e+04	7.216e+04
						323.0	-6.723e+04	1343.64	-251.15	-2973.01	-1.701e+04	2.892e+05
123	3	4.826e+05	-5104.18	-0.05	0.0	0.0	-5.680e+04	2336.55	-18.24	1.420e+04	-5104.18	-4.940e+05
		-4.940e+05	-1.273e+04	1.97e-03	0.0	209.0	-5.571e+04	2336.55	-18.24	1.420e+04	-8916.84	-5689.79
						418.0	-5.462e+04	2336.55	-18.24	1.420e+04	-1.273e+04	4.826e+05
123	4	4.824e+05	-5110.33	-0.05	0.0	0.0	-5.738e+04	2336.44	-18.19	1.422e+04	-5110.33	-4.942e+05
		-4.942e+05	-1.271e+04	1.93e-03	0.0	209.0	-5.629e+04	2336.44	-18.19	1.422e+04	-8912.58	-5893.71
						418.0	-5.520e+04	2336.44	-18.19	1.422e+04	-1.271e+04	4.824e+05
123	5	3.044e+05	-3918.99	-0.03	0.0	0.0	-3.756e+04	1474.69	-11.54	1.038e+04	-3918.99	-3.121e+05
		-3.121e+05	-8740.96	1.44e-03	0.0	209.0	-3.673e+04	1474.69	-11.54	1.038e+04	-6329.97	-3858.18
						418.0	-3.589e+04	1474.69	-11.54	1.038e+04	-8740.96	3.044e+05
123	116	4.123e+05	-54.91	-0.08	0.0	0.0	-3.973e+04	1976.78	20.80	1.487e+04	-8749.92	-4.140e+05
		-4.140e+05	-8749.92	-0.02	0.0	209.0	-3.890e+04	1976.78	20.80	1.487e+04	-4402.41	-857.35
						418.0	-3.806e+04	1976.78	20.80	1.487e+04	-54.91	4.123e+05
123	117	2.450e+05	-33.61	0.03	0.0	0.0	-4.021e+04	1207.48	-41.63	7400.20	-33.61	-2.597e+05
		-2.597e+05	-1.743e+04	0.02	0.0	209.0	-3.938e+04	1207.48	-41.63	7400.20	-8733.46	-7352.07
						418.0	-3.854e+04	1207.48	-41.63	7400.20	-1.743e+04	2.450e+05
123	120	4.121e+05	-803.64	-0.08	0.0	0.0	-3.973e+04	1975.79	16.76	1.376e+04	-7808.50	-4.138e+05
		-4.138e+05	-7808.50	-0.02	0.0	209.0	-3.890e+04	1975.79	16.76	1.376e+04	-4306.07	-873.13
						418.0	-3.806e+04	1975.79	16.76	1.376e+04	-803.64	4.121e+05
123	130	3.088e+05	2.270e+04	-0.02	0.0	0.0	-3.999e+04	1499.96	113.25	2.400e+04	-2.464e+04	-3.182e+05
		-3.182e+05	-2.464e+04	-0.09	0.0	209.0	-3.916e+04	1499.96	113.25	2.400e+04	-970.79	-4687.82
						418.0	-3.832e+04	1499.96	113.25	2.400e+04	2.270e+04	3.088e+05
123	131	3.483e+05	1.680e+04	-0.04	0.0	0.0	-3.996e+04	1683.32	-138.12	-2839.84	1.680e+04	-3.554e+05
		-3.554e+05	-4.094e+04	0.09	0.0	209.0	-3.912e+04	1683.32	-138.12	-2839.84	-1.207e+04	-3537.38
						418.0	-3.828e+04	1683.32	-138.12	-2839.84	-4.094e+04	3.483e+05
123	148	3.933e+05	-2107.23	-0.07	0.0	0.0	-3.979e+04	1889.57	13.28	1.390e+04	-7656.49	-3.965e+05
		-3.965e+05	-7656.49	-0.02	0.0	209.0	-3.895e+04	1889.57	13.28	1.390e+04	-4881.86	-1594.46
						418.0	-3.812e+04	1889.57	13.28	1.390e+04	-2107.23	3.933e+05
123	149	2.639e+05	-913.87	0.02	0.0	0.0	-4.016e+04	1294.47	-35.02	8120.58	-913.87	-2.772e+05
		-2.772e+05	-1.555e+04	0.01	0.0	209.0	-3.932e+04	1294.47	-35.02	8120.58	-8232.20	-6618.54
						418.0	-3.849e+04	1294.47	-35.02	8120.58	-1.555e+04	2.639e+05
123	152	3.932e+05	-2686.43	-0.07	0.0	0.0	-3.979e+04	1888.81	10.15	1.304e+04	-6928.24	-3.964e+05
		-3.964e+05	-6928.24	-0.02	0.0	209.0	-3.895e+04	1888.81	10.15	1.304e+04	-4807.34	-1606.67
						418.0	-3.812e+04	1888.81	10.15	1.304e+04	-2686.43	3.932e+05
123	162	3.133e+05	1.549e+04	-0.02	0.0	0.0	-3.999e+04	1520.72	84.79	2.096e+04	-1.995e+04	-3.224e+05
		-3.224e+05	-1.995e+04	-0.07	0.0	209.0	-3.915e+04	1520.72	84.79	2.096e+04	-2227.28	-4557.57
						418.0	-3.832e+04	1520.72	84.79	2.096e+04	1.549e+04	3.133e+05
123	163	3.438e+05	1.211e+04	-0.04	0.0	0.0	-3.996e+04	1662.56	-109.66	199.26	1.211e+04	-3.511e+05
		-3.511e+05	-3.373e+04	0.07	0.0	209.0	-3.912e+04	1662.56	-109.66	199.26	-1.081e+04	-3667.63
						418.0	-3.829e+04	1662.56	-109.66	199.26	-3.373e+04	3.438e+05
124	4	2.831e+05	1536.49	0.01	0.0	0.0	-1.559e+04	2542.67	41.64	5295.58	-9788.44	-4.085e+05
		-4.085e+05	-9788.44	-0.01	0.0	136.0	-1.488e+04	2542.67	41.64	5295.58	-4125.97	-6.269e+04
						272.0	-1.417e+04	2542.67	41.64	5295.58	1536.49	2.831e+05
124	7	1.982e+05	1069.27	0.01	0.0	0.0	-1.061e+04	1842.64	30.68	4132.67	-7275.09	-3.030e+05
		-3.030e+05	-7275.09	-8.46e-03	0.0	136.0	-1.007e+04	1842.64	30.68	4132.67	-3102.91	-5.239e+04
						272.0	-9521.96	1842.64	30.68	4132.67	1069.27	1.982e+05
124	9	2.769e+05	1598.81	0.01	0.0	0.0	-1.626e+04	2374.86	37.53	5370.75	-8608.82	-3.690e+05
		-3.690e+05	-8608.82	-0.01	0.0	136.0	-1.555e+04	2374.86	37.53	5370.75	-3505.01	-4.604e+04
						272.0	-1.485e+04	2374.86	37.53	5370.75	1598.81	2.769e+05
124	11	2.864e+05	1590.56	0.01	0.0	0.0	-1.620e+04	2516.27	40.60	5304.88	-9452.92	-3.980e+05
		-3.980e+05	-9452.92	-0.01	0.0	136.0	-1.549e+04	2516.27	40.60	5304.88	-3931.18	-5.581e+04
						272.0	-1.479e+04	2516.27	40.60	5304.88	1590.56	2.864e+05
124	115	2.440e+05	-3850.79	-9.72e-03	0.0	0.0	-1.113e+04	2055.62	25.89	2862.69	-1.089e+04	-3.151e+05
		-3.151e+05	-1.089e+04	5.14e-03	0.0	136.0	-1.059e+04	2055.62	25.89	2862.69	-7371.66	-3.558e+04
						272.0	-1.004e+04	2055.62	25.89	2862.69	-3850.79	2.440e+05

124	117	1.516e+05	522.80	0.02	0.0	0.0	-1.127e+04	1470.43	52.85	1499.94	-1.385e+04	-2.483e+05
		-2.483e+05	-1.385e+04	-1.33e-03	0.0	136.0	-1.072e+04	1470.43	52.85	1499.94	-6665.37	-4.835e+04
						272.0	-1.018e+04	1470.43	52.85	1499.94	522.80	1.516e+05
124	120	2.424e+05	1714.90	-9.95e-03	0.0	0.0	-1.112e+04	2042.61	3.90	6841.02	653.31	-3.132e+05
		-3.132e+05	653.31	-0.01	0.0	136.0	-1.058e+04	2042.61	3.90	6841.02	1184.11	-3.536e+04
						272.0	-1.003e+04	2042.61	3.90	6841.02	1714.90	2.424e+05
124	129	1.860e+05	-8932.37	0.01	0.0	0.0	-1.123e+04	1692.16	66.11	-3945.85	-2.691e+04	-2.743e+05
		-2.743e+05	-2.691e+04	0.03	0.0	136.0	-1.069e+04	1692.16	66.11	-3945.85	-1.792e+04	-4.417e+04
						272.0	-1.014e+04	1692.16	66.11	-3945.85	-8932.37	1.860e+05
124	132	2.081e+05	1.371e+04	8.21e-03	0.0	0.0	-1.116e+04	1820.87	-9.35	1.229e+04	1.371e+04	-2.872e+05
		-2.872e+05	1.117e+04	-0.04	0.0	136.0	-1.061e+04	1820.87	-9.35	1.229e+04	1.244e+04	-3.954e+04
						272.0	-1.007e+04	1820.87	-9.35	1.229e+04	1.117e+04	2.081e+05
124	147	2.334e+05	-2725.48	6.76e-03	0.0	0.0	-1.115e+04	1987.89	26.45	3158.83	-9920.56	-3.074e+05
		-3.074e+05	-9920.56	2.21e-03	0.0	136.0	-1.060e+04	1987.89	26.45	3158.83	-6323.02	-3.700e+04
						272.0	-1.006e+04	1987.89	26.45	3158.83	-2725.48	2.334e+05
124	149	1.619e+05	657.77	0.02	0.0	0.0	-1.125e+04	1535.21	47.31	2104.65	-1.221e+04	-2.557e+05
		-2.557e+05	-1.221e+04	-2.84e-03	0.0	136.0	-1.071e+04	1535.21	47.31	2104.65	-5776.67	-4.688e+04
						272.0	-1.016e+04	1535.21	47.31	2104.65	657.77	1.619e+05
124	152	2.322e+05	1579.93	-6.87e-03	0.0	0.0	-1.114e+04	1977.83	9.45	6236.31	-989.13	-3.058e+05
		-3.058e+05	-989.13	-0.01	0.0	136.0	-1.059e+04	1977.83	9.45	6236.31	295.40	-3.683e+04
						272.0	-1.005e+04	1977.83	9.45	6236.31	1579.93	2.322e+05
124	161	1.885e+05	-6656.40	0.01	0.0	0.0	-1.122e+04	1706.73	57.57	-2108.01	-2.231e+04	-2.758e+05
		-2.758e+05	-2.231e+04	0.02	0.0	136.0	-1.068e+04	1706.73	57.57	-2108.01	-1.449e+04	-4.365e+04
						272.0	-1.013e+04	1706.73	57.57	-2108.01	-6656.40	1.885e+05
124	162	1.842e+05	9726.27	0.01	0.0	0.0	-1.120e+04	1670.72	5.07	9969.03	8347.08	-2.702e+05
		-2.702e+05	8347.08	-0.04	0.0	136.0	-1.065e+04	1670.72	5.07	9969.03	9036.67	-4.303e+04
						272.0	-1.011e+04	1670.72	5.07	9969.03	9726.27	1.842e+05
125	4	4.849e+05	3.174e+04	-0.01	0.0	0.0	-1.294e+04	-3136.60	405.62	1.238e+04	-7.859e+04	4.849e+05
		-3.683e+05	-7.859e+04	4.47e-03	0.0	136.0	-1.223e+04	-3136.60	405.62	1.238e+04	-2.343e+04	5.829e+04
						272.0	-1.153e+04	-3136.60	405.62	1.238e+04	3.174e+04	-3.683e+05
125	7	3.548e+05	2.314e+04	-9.84e-03	0.0	0.0	-8951.26	-2252.09	300.69	9017.79	-5.864e+04	3.548e+05
		-2.577e+05	-5.864e+04	3.44e-03	0.0	136.0	-8407.26	-2252.09	300.69	9017.79	-1.775e+04	4.854e+04
						272.0	-7863.26	-2252.09	300.69	9017.79	2.314e+04	-2.577e+05
125	9	4.369e+05	3.052e+04	-0.01	0.0	0.0	-1.353e+04	-2872.45	388.69	1.084e+04	-7.520e+04	4.369e+05
		-3.444e+05	-7.520e+04	4.50e-03	0.0	136.0	-1.282e+04	-2872.45	388.69	1.084e+04	-2.234e+04	4.629e+04
						272.0	-1.212e+04	-2872.45	388.69	1.084e+04	3.052e+04	-3.444e+05
125	113	3.480e+05	2.450e+04	0.02	0.0	0.0	-9352.84	-2319.37	304.89	1.176e+04	-5.843e+04	3.480e+05
		-2.829e+05	-5.843e+04	4.32e-03	0.0	136.0	-8808.84	-2319.37	304.89	1.176e+04	-1.696e+04	3.252e+04
						272.0	-8264.84	-2319.37	304.89	1.176e+04	2.450e+04	-2.829e+05
125	116	3.088e+05	2.065e+04	-0.01	0.0	0.0	-9517.62	-1909.05	279.06	4553.42	-5.526e+04	3.088e+05
		-2.104e+05	-5.526e+04	2.81e-03	0.0	136.0	-8973.62	-1909.05	279.06	4553.42	-1.730e+04	4.920e+04
						272.0	-8429.62	-1909.05	279.06	4553.42	2.065e+04	-2.104e+05
125	118	3.490e+05	2.125e+04	0.02	0.0	0.0	-9359.20	-2327.28	280.71	1.655e+04	-5.510e+04	3.490e+05
		-2.840e+05	-5.510e+04	3.29e-03	0.0	136.0	-8815.20	-2327.28	280.71	1.655e+04	-1.692e+04	3.248e+04
						272.0	-8271.20	-2327.28	280.71	1.655e+04	2.125e+04	-2.840e+05
125	135	3.227e+05	2.898e+04	-9.12e-03	0.0	0.0	-9436.70	-2059.95	338.85	-1745.43	-6.319e+04	3.227e+05
		-2.376e+05	-6.319e+04	5.56e-03	0.0	136.0	-8892.70	-2059.95	338.85	-1745.43	-1.710e+04	4.258e+04
						272.0	-8348.70	-2059.95	338.85	-1745.43	2.898e+04	-2.376e+05
125	145	3.435e+05	2.407e+04	0.01	0.0	0.0	-9371.50	-2272.92	301.97	1.094e+04	-5.807e+04	3.435e+05
		-2.747e+05	-5.807e+04	4.13e-03	0.0	136.0	-8827.50	-2272.92	301.97	1.094e+04	-1.700e+04	3.441e+04
						272.0	-8283.50	-2272.92	301.97	1.094e+04	2.407e+04	-2.747e+05
125	148	3.133e+05	2.108e+04	-0.01	0.0	0.0	-9498.97	-1955.51	281.99	5368.93	-5.562e+04	3.133e+05
		-2.186e+05	-5.562e+04	2.96e-03	0.0	136.0	-8954.97	-1955.51	281.99	5368.93	-1.727e+04	4.731e+04
						272.0	-8410.97	-1955.51	281.99	5368.93	2.108e+04	-2.186e+05
125	150	3.443e+05	2.155e+04	0.01	0.0	0.0	-9376.41	-2279.04	283.26	1.465e+04	-5.549e+04	3.443e+05
		-2.756e+05	-5.549e+04	3.34e-03	0.0	136.0	-8832.41	-2279.04	283.26	1.465e+04	-1.697e+04	3.438e+04
						272.0	-8288.41	-2279.04	283.26	1.465e+04	2.155e+04	-2.756e+05
125	167	3.240e+05	2.753e+04	-8.95e-03	0.0	0.0	-9436.37	-2072.23	328.24	496.37	-6.175e+04	3.240e+05
		-2.396e+05	-6.175e+04	4.85e-03	0.0	136.0	-8892.37	-2072.23	328.24	496.37	-1.711e+04	4.219e+04
						272.0	-8348.37	-2072.23	328.24	496.37	2.753e+04	-2.396e+05
126	1	6.853e+04	3.724e+04	-0.01	0.0	0.0	-3.115e+04	1073.08	270.64	3547.70	-3.219e+04	-1.931e+05
		-1.931e+05	-3.219e+04	8.89e-03	0.0	161.5	-3.031e+04	1073.08	270.64	3547.70	2528.20	-6.231e+04
						323.0	-2.947e+04	1073.08	270.64	3547.70	3.724e+04	6.853e+04
126	3	6.956e+04	3.925e+04	-0.02	0.0	0.0	-3.198e+04	1069.73	269.30	3953.00	-2.975e+04	-1.910e+05
		-1.910e+05	-2.975e+04	8.98e-03	0.0	161.5	-3.114e+04	1069.73	269.30	3953.00	4748.19	-6.074e+04
						323.0	-3.030e+04	1069.73	269.30	3953.00	3.925e+04	6.956e+04
126	4	6.938e+04	3.930e+04	-0.02	0.0	0.0	-3.209e+04	1068.84	270.15	3955.83	-2.999e+04	-1.910e+05
		-1.910e+05	-2.999e+04	9.02e-03	0.0	161.5	-3.125e+04	1068.84	270.15	3955.83	4653.04	-6.080e+04
						323.0	-3.041e+04	1068.84	270.15	3955.83	3.930e+04	6.938e+04
126	5	5.259e+04	2.779e+04	-8.60e-03	0.0	0.0	-2.346e+04	828.21	207.23	2569.88	-2.529e+04	-1.495e+05
		-1.495e+05	-2.529e+04	6.76e-03	0.0	161.5	-2.281e+04	828.21	207.23	2569.88	1247.90	-4.845e+04
						323.0	-2.217e+04	828.21	207.23	2569.88	2.779e+04	5.259e+04
126	9	6.817e+04	3.734e+04	-0.01	0.0	0.0	-3.138e+04	1071.29	272.35	3553.36	-3.267e+04	-1.930e+05
		-1.930e+05	-3.267e+04	8.97e-03	0.0	161.5	-3.054e+04	1071.29	272.35	3553.36	2337.90	-6.243e+04
						323.0	-2.970e+04	1071.29	272.35	3553.36	3.734e+04	6.817e+04
126	116	1.001e+05	2.763e+04	-0.04	0.0	0.0	-2.364e+04	1352.66	255.50	902.41	-3.248e+04	-2.310e+05
		-2.310e+05	-3.248e+04	1.18e-03	0.0	161.5	-2.300e+04	1352.66	255.50	902.41	-2426.15	-6.546e+04

						323.0	-2.235e+04	1352.66	255.50	902.41	2.763e+04	1.001e+05	
126	118	8181.68	2.993e+04	0.02	0.0	0.0	-2.405e+04	323.73	165.91	4447.92	-1.799e+04	-6.957e+04	
		-6.957e+04	-1.799e+04	0.01	0.0	161.5	-2.341e+04	323.73	165.91	4447.92	5969.70	-3.070e+04	
						323.0	-2.276e+04	323.73	165.91	4447.92	2.993e+04	8181.68	
126	120	9.978e+04	2.781e+04	-0.04	0.0	0.0	-2.357e+04	1349.60	257.97	921.54	-3.313e+04	-2.304e+05	
		-2.304e+05	-3.313e+04	1.15e-03	0.0	161.5	-2.293e+04	1349.60	257.97	921.54	-2660.69	-6.533e+04	
						323.0	-2.228e+04	1349.60	257.97	921.54	2.781e+04	9.978e+04	
126	137	3.541e+04	2.835e+04	8.89e-03	0.0	0.0	-2.429e+04	636.46	178.89	3457.00	-1.872e+04	-1.196e+05	
		-1.196e+05	-1.872e+04	0.01	0.0	161.5	-2.364e+04	636.46	178.89	3457.00	4817.94	-4.208e+04	
						323.0	-2.300e+04	636.46	178.89	3457.00	2.835e+04	3.541e+04	
126	140	7.032e+04	2.900e+04	-0.02	0.0	0.0	-2.352e+04	1015.49	236.11	2024.76	-3.029e+04	-1.775e+05	
		-1.775e+05	-3.029e+04	1.87e-03	0.0	161.5	-2.288e+04	1015.49	236.11	2024.76	-646.37	-5.361e+04	
						323.0	-2.223e+04	1015.49	236.11	2024.76	2.900e+04	7.032e+04	
126	148	8.937e+04	2.787e+04	-0.04	0.0	0.0	-2.370e+04	1233.40	244.63	1318.71	-3.068e+04	-2.123e+05	
		-2.123e+05	-3.068e+04	1.96e-03	0.0	161.5	-2.306e+04	1233.40	244.63	1318.71	-1404.48	-6.147e+04	
						323.0	-2.241e+04	1233.40	244.63	1318.71	2.787e+04	8.937e+04	
126	150	1.830e+04	2.964e+04	0.01	0.0	0.0	-2.402e+04	437.46	175.32	4061.38	-1.946e+04	-8.746e+04	
		-8.746e+04	-1.946e+04	0.01	0.0	161.5	-2.337e+04	437.46	175.32	4061.38	5090.24	-3.458e+04	
						323.0	-2.273e+04	437.46	175.32	4061.38	2.964e+04	1.830e+04	
126	152	8.916e+04	2.801e+04	-0.04	0.0	0.0	-2.365e+04	1231.03	246.54	1333.50	-3.118e+04	-2.119e+05	
		-2.119e+05	-3.118e+04	1.73e-03	0.0	161.5	-2.300e+04	1231.03	246.54	1333.50	-1585.91	-6.137e+04	
						323.0	-2.236e+04	1231.03	246.54	1333.50	2.801e+04	8.916e+04	
126	169	3.936e+04	2.842e+04	8.19e-03	0.0	0.0	-2.420e+04	679.38	185.36	3294.84	-2.003e+04	-1.261e+05	
		-1.261e+05	-2.003e+04	0.01	0.0	161.5	-2.356e+04	679.38	185.36	3294.84	4199.28	-4.338e+04	
						323.0	-2.291e+04	679.38	185.36	3294.84	2.842e+04	3.936e+04	
126	172	6.637e+04	2.893e+04	-0.02	0.0	0.0	-2.361e+04	972.57	229.63	2186.91	-2.898e+04	-1.710e+05	
		-1.710e+05	-2.898e+04	2.99e-03	0.0	161.5	-2.297e+04	972.57	229.63	2186.91	-27.71	-5.230e+04	
						323.0	-2.232e+04	972.57	229.63	2186.91	2.893e+04	6.637e+04	
127	3	7008.36	6825.78	-0.04	0.0	0.0	-1.150e+04	115.37	148.96	-6892.35	-5.412e+04	-3.498e+04	
		-3.498e+04	-5.412e+04	-5.90e-03	0.0	209.0	-1.042e+04	115.37	148.96	-6892.35	-2.365e+04	-1.398e+04	
						418.0	-9331.12	115.37	148.96	-6892.35	6825.78	7008.36	
127	4	6773.57	6745.92	-0.04	0.0	0.0	-1.159e+04	114.24	149.21	-6821.78	-5.430e+04	-3.475e+04	
		-3.475e+04	-5.430e+04	-5.85e-03	0.0	209.0	-1.050e+04	114.24	149.21	-6821.78	-2.378e+04	-1.399e+04	
						418.0	-9418.04	114.24	149.21	-6821.78	6745.92	6773.57	
127	5	1.890e+04	972.36	-0.02	0.0	0.0	-7899.80	105.27	102.54	-5135.36	-4.062e+04	-1.910e+04	
		-1.910e+04	-4.062e+04	5.10e-03	0.0	209.0	-7063.80	105.27	102.54	-5135.36	-1.982e+04	-100.98	
						418.0	-6227.80	105.27	102.54	-5135.36	972.36	1.890e+04	
127	116	7.863e+04	4278.79	-0.07	0.0	0.0	-8312.25	380.02	140.75	-7151.59	-4.994e+04	-5.844e+04	
		-5.844e+04	-4.994e+04	-0.01	0.0	209.0	-7476.25	380.02	140.75	-7151.59	-2.283e+04	1.010e+04	
						418.0	-6640.25	380.02	140.75	-7151.59	4278.79	7.863e+04	
127	119	7.537e+04	3363.04	-0.07	0.0	0.0	-8330.96	368.72	143.00	-6596.78	-5.178e+04	-5.691e+04	
		-5.691e+04	-5.178e+04	-0.01	0.0	209.0	-7494.96	368.72	143.00	-6596.78	-2.421e+04	9228.95	
						418.0	-6658.96	368.72	143.00	-6596.78	3363.04	7.537e+04	
127	142	4900.90	4395.03	-0.02	0.0	0.0	-8182.17	57.97	95.88	-5590.96	-3.516e+04	-1.688e+04	
		-1.688e+04	-3.516e+04	-5.06e-03	0.0	209.0	-7346.17	57.97	95.88	-5590.96	-1.538e+04	-5989.72	
						418.0	-6510.17	57.97	95.88	-5590.96	4395.03	4900.90	
127	143	2.295e+04	602.93	-0.03	0.0	0.0	-8362.44	139.84	118.09	-4756.35	-4.692e+04	-2.683e+04	
		-2.683e+04	-4.692e+04	6.49e-03	0.0	209.0	-7526.44	139.84	118.09	-4756.35	-2.316e+04	-1940.26	
						418.0	-6690.44	139.84	118.09	-4756.35	602.93	2.295e+04	
127	144	3.240e+04	5902.59	-0.04	0.0	0.0	-8208.03	174.08	110.55	-6507.29	-3.851e+04	-3.188e+04	
		-3.188e+04	-3.851e+04	-9.30e-03	0.0	209.0	-7372.03	174.08	110.55	-6507.29	-1.630e+04	256.16	
						418.0	-6536.03	174.08	110.55	-6507.29	5902.59	3.240e+04	
127	148	6.398e+04	3875.78	-0.06	0.0	0.0	-8303.21	316.36	133.10	-6703.71	-4.793e+04	-5.016e+04	
		-5.016e+04	-4.793e+04	-0.01	0.0	209.0	-7467.21	316.36	133.10	-6703.71	-2.203e+04	6912.03	
						418.0	-6631.21	316.36	133.10	-6703.71	3875.78	6.398e+04	
127	151	6.145e+04	3167.39	-0.06	0.0	0.0	-8317.68	307.62	134.84	-6274.54	-4.935e+04	-4.897e+04	
		-4.897e+04	-4.935e+04	-0.01	0.0	209.0	-7481.68	307.62	134.84	-6274.54	-2.309e+04	6241.36	
						418.0	-6645.68	307.62	134.84	-6274.54	3167.39	6.145e+04	
127	174	6944.05	3965.69	-0.02	0.0	0.0	-8202.58	67.24	98.39	-5496.47	-3.649e+04	-1.801e+04	
		-1.801e+04	-3.649e+04	-4.76e-03	0.0	209.0	-7366.58	67.24	98.39	-5496.47	-1.626e+04	-5531.25	
						418.0	-6530.58	67.24	98.39	-5496.47	3965.69	6944.05	
127	175	2.090e+04	1032.27	-0.03	0.0	0.0	-8342.03	130.57	115.58	-4850.84	-4.559e+04	-2.570e+04	
		-2.570e+04	-4.559e+04	6.11e-03	0.0	209.0	-7506.03	130.57	115.58	-4850.84	-2.228e+04	-2398.73	
						418.0	-6670.03	130.57	115.58	-4850.84	1032.27	2.090e+04	
127	176	2.821e+04	5131.89	-0.03	0.0	0.0	-8222.58	157.06	109.74	-6205.31	-3.908e+04	-2.961e+04	
		-2.961e+04	-3.908e+04	-8.04e-03	0.0	209.0	-7386.58	157.06	109.74	-6205.31	-1.698e+04	-699.67	
						418.0	-6550.58	157.06	109.74	-6205.31	5131.89	2.821e+04	
128	4	1.146e+05	-6335.52	-3.81e-03	0.0	0.0	-1987.05	-861.33	23.32	-1.042e+04	-2.125e+04	1.146e+05	
		-7.916e+04	-2.125e+04	3.95e-03	0.0	136.0	-1279.85	-861.33	23.32	-1.042e+04	-1.379e+04	1.773e+04	
						272.0	-572.65	-861.33	23.32	-1.042e+04	-6335.52	-7.916e+04	
128	7	8.072e+04	-4631.92	-2.83e-03	0.0	0.0	-1353.49	-584.84	19.92	-7876.37	-1.598e+04	8.072e+04	
		-5.035e+04	-1.598e+04	2.85e-03	0.0	136.0	-809.49	-584.84	19.92	-7876.37	-1.031e+04	1.519e+04	
						272.0	-265.49	-584.84	19.92	-7876.37	-4631.92	-5.035e+04	
128	9	8.950e+04	-7803.02	-2.12e-03	0.0	0.0	-2195.70	-687.67	30.43	-9388.56	-2.285e+04	8.950e+04	
		-6.555e+04	-2.285e+04	4.37e-03	0.0	136.0	-1488.50	-687.67	30.43	-9388.56	-1.533e+04	1.198e+04	
						272.0	-781.30	-687.67	30.43	-9388.56	-7803.02	-6.555e+04	
128	113	7.385e+04	-5259.52	0.02	0.0	0.0	-1460.19	-590.07	37.35	-800.96	-2.007e+04	7.385e+04	

		-6.466e+04	-2.007e+04	6.89e-03	0.0	136.0	-916.19	-590.07	37.35	-800.96	-1.267e+04	4592.74
						272.0	-372.19	-590.07	37.35	-800.96	-5259.52	-6.466e+04
128	114	7.427e+04	-6913.42	0.02	0.0	0.0	-1485.46	-592.27	23.99	-1901.44	-1.829e+04	7.427e+04
		-6.393e+04	-1.829e+04	6.23e-03	0.0	136.0	-941.46	-592.27	23.99	-1901.44	-1.260e+04	5168.74
						272.0	-397.46	-592.27	23.99	-1901.44	-6913.42	-6.393e+04
128	129	6.813e+04	-2948.53	5.92e-03	0.0	0.0	-1450.67	-517.08	48.23	-3664.15	-2.063e+04	6.813e+04
		-5.098e+04	-2.063e+04	5.02e-03	0.0	136.0	-906.67	-517.08	48.23	-3664.15	-1.179e+04	8576.89
						272.0	-362.67	-517.08	48.23	-3664.15	-2948.53	-5.098e+04
128	132	6.505e+04	-8134.56	-3.81e-03	0.0	0.0	-1552.01	-464.07	-0.34	-1.089e+04	-1.336e+04	6.505e+04
		-3.608e+04	-1.336e+04	1.71e-03	0.0	136.0	-1008.01	-464.07	-0.34	-1.089e+04	-1.074e+04	1.449e+04
						272.0	-464.01	-464.07	-0.34	-1.089e+04	-8134.56	-3.608e+04
128	135	6.437e+04	-2580.82	-2.72e-03	0.0	0.0	-1464.72	-466.82	43.51	-6635.74	-1.915e+04	6.437e+04
		-4.025e+04	-1.915e+04	3.32e-03	0.0	136.0	-920.72	-466.82	43.51	-6635.74	-1.087e+04	1.206e+04
						272.0	-376.72	-466.82	43.51	-6635.74	-2580.82	-4.025e+04
128	141	6.773e+04	-4008.41	4.92e-03	0.0	0.0	-1478.21	-507.07	51.03	-4519.29	-2.245e+04	6.773e+04
		-4.864e+04	-2.245e+04	5.25e-03	0.0	136.0	-934.21	-507.07	51.03	-4519.29	-1.323e+04	9547.80
						272.0	-390.21	-507.07	51.03	-4519.29	-4008.41	-4.864e+04
128	145	7.221e+04	-5323.38	0.01	0.0	0.0	-1469.51	-567.54	34.32	-2267.06	-1.938e+04	7.221e+04
		-5.988e+04	-1.938e+04	5.96e-03	0.0	136.0	-925.51	-567.54	34.32	-2267.06	-1.235e+04	6164.13
						272.0	-381.51	-567.54	34.32	-2267.06	-5323.38	-5.988e+04
128	146	7.253e+04	-6602.78	0.01	0.0	0.0	-1489.06	-569.24	23.98	-3118.35	-1.799e+04	7.253e+04
		-5.931e+04	-1.799e+04	5.45e-03	0.0	136.0	-945.06	-569.24	23.98	-3118.35	-1.230e+04	6609.71
						272.0	-401.06	-569.24	23.98	-3118.35	-6602.78	-5.931e+04
128	161	6.779e+04	-3535.68	4.82e-03	0.0	0.0	-1462.14	-511.08	42.73	-4481.92	-1.980e+04	6.779e+04
		-4.929e+04	-1.980e+04	4.52e-03	0.0	136.0	-918.14	-511.08	42.73	-4481.92	-1.167e+04	9246.12
						272.0	-374.14	-511.08	42.73	-4481.92	-3535.68	-4.929e+04
128	164	6.540e+04	-7547.40	-3.26e-03	0.0	0.0	-1540.53	-470.07	5.16	-1.007e+04	-1.418e+04	6.540e+04
		-3.777e+04	-1.418e+04	1.99e-03	0.0	136.0	-996.53	-470.07	5.16	-1.007e+04	-1.086e+04	1.382e+04
						272.0	-452.53	-470.07	5.16	-1.007e+04	-7547.40	-3.777e+04
128	167	6.488e+04	-3251.24	-2.47e-03	0.0	0.0	-1473.01	-472.20	39.08	-6780.63	-1.866e+04	6.488e+04
		-4.099e+04	-1.866e+04	3.28e-03	0.0	136.0	-929.01	-472.20	39.08	-6780.63	-1.096e+04	1.194e+04
						272.0	-385.01	-472.20	39.08	-6780.63	-3251.24	-4.099e+04
128	173	6.747e+04	-4355.57	4.05e-03	0.0	0.0	-1483.45	-503.34	44.90	-5143.42	-2.122e+04	6.747e+04
		-4.748e+04	-2.122e+04	4.73e-03	0.0	136.0	-939.45	-503.34	44.90	-5143.42	-1.279e+04	9997.19
						272.0	-395.45	-503.34	44.90	-5143.42	-4355.57	-4.748e+04
144	1	3.150e+05	1.087e+05	-0.04	0.0	0.0	-9.317e+04	1276.83	598.75	-1101.09	-8.473e+04	-9.745e+04
		-9.745e+04	-8.473e+04	-0.03	0.0	161.5	-9.233e+04	1276.83	598.75	-1101.09	1.197e+04	1.088e+05
						323.0	-9.149e+04	1276.83	598.75	-1101.09	1.087e+05	3.150e+05
144	4	4.266e+05	6.861e+04	-0.05	0.0	0.0	-1.032e+05	1847.09	399.08	262.11	-6.030e+04	-1.700e+05
		-1.700e+05	-6.030e+04	-0.03	0.0	161.5	-1.023e+05	1847.09	399.08	262.11	4154.39	1.283e+05
						323.0	-1.015e+05	1847.09	399.08	262.11	6.861e+04	4.266e+05
144	5	1.972e+05	9.974e+04	-0.02	0.0	0.0	-6.710e+04	749.89	542.26	-1446.57	-7.541e+04	-4.499e+04
		-4.499e+04	-7.541e+04	-0.02	0.0	161.5	-6.646e+04	749.89	542.26	-1446.57	1.217e+04	7.612e+04
						323.0	-6.581e+04	749.89	542.26	-1446.57	9.974e+04	1.972e+05
144	116	2.698e+05	9.108e+04	-0.05	0.0	0.0	-7.194e+04	1276.62	538.79	3340.47	-8.296e+04	-1.425e+05
		-1.425e+05	-8.296e+04	-0.03	0.0	161.5	-7.129e+04	1276.62	538.79	3340.47	4060.01	6.363e+04
						323.0	-7.065e+04	1276.62	538.79	3340.47	9.108e+04	2.698e+05
144	130	2.410e+05	1.076e+05	-0.03	0.0	0.0	-7.084e+04	949.83	698.16	-1030.43	-1.179e+05	-6.580e+04
		-6.580e+04	-1.179e+05	-0.04	0.0	161.5	-7.020e+04	949.83	698.16	-1030.43	-5118.80	8.760e+04
						323.0	-6.955e+04	949.83	698.16	-1030.43	1.076e+05	2.410e+05
144	131	2.485e+05	5.769e+04	-0.03	0.0	0.0	-7.230e+04	1037.00	215.02	-664.86	-1.176e+04	-8.645e+04
		-8.645e+04	-1.176e+04	-7.84e-03	0.0	161.5	-7.165e+04	1037.00	215.02	-664.86	2.297e+04	8.102e+04
						323.0	-7.101e+04	1037.00	215.02	-664.86	5.769e+04	2.485e+05
144	132	2.554e+05	1.081e+05	-0.04	0.0	0.0	-7.116e+04	1112.92	703.52	1305.14	-1.191e+05	-1.041e+05
		-1.041e+05	-1.191e+05	-0.04	0.0	161.5	-7.052e+04	1112.92	703.52	1305.14	-5476.94	7.567e+04
						323.0	-6.987e+04	1112.92	703.52	1305.14	1.081e+05	2.554e+05
144	148	2.641e+05	8.917e+04	-0.04	0.0	0.0	-7.185e+04	1212.49	520.18	2392.13	-7.885e+04	-1.275e+05
		-1.275e+05	-7.885e+04	-0.03	0.0	161.5	-7.121e+04	1212.49	520.18	2392.13	5161.23	6.831e+04
						323.0	-7.056e+04	1212.49	520.18	2392.13	8.917e+04	2.641e+05
144	162	2.418e+05	1.020e+05	-0.03	0.0	0.0	-7.101e+04	959.70	643.46	-989.04	-1.059e+05	-6.814e+04
		-6.814e+04	-1.059e+05	-0.04	0.0	161.5	-7.036e+04	959.70	643.46	-989.04	-1939.16	8.685e+04
						323.0	-6.971e+04	959.70	643.46	-989.04	1.020e+05	2.418e+05
144	163	2.476e+05	6.335e+04	-0.03	0.0	0.0	-7.213e+04	1027.13	269.72	-706.25	-2.377e+04	-8.411e+04
		-8.411e+04	-2.377e+04	-0.01	0.0	161.5	-7.149e+04	1027.13	269.72	-706.25	1.979e+04	8.177e+04
						323.0	-7.084e+04	1027.13	269.72	-706.25	6.335e+04	2.476e+05
144	164	2.530e+05	1.024e+05	-0.03	0.0	0.0	-7.126e+04	1085.86	647.60	817.67	-1.068e+05	-9.774e+04
		-9.774e+04	-1.068e+05	-0.04	0.0	161.5	-7.061e+04	1085.86	647.60	817.67	-2216.21	7.763e+04
						323.0	-6.996e+04	1085.86	647.60	817.67	1.024e+05	2.530e+05
145	1	4.510e+05	1.510e+05	-0.06	0.0	0.0	-5.386e+04	2198.19	657.48	287.02	-1.238e+05	-4.678e+05
		-4.678e+05	-1.238e+05	-0.04	0.0	209.0	-5.277e+04	2198.19	657.48	287.02	1.362e+04	-8402.62
						418.0	-5.168e+04	2198.19	657.48	287.02	1.510e+05	4.510e+05
145	3	5.817e+05	1.076e+05	-0.08	0.0	0.0	-5.852e+04	2826.26	440.41	455.05	-7.653e+04	-5.997e+05
		-5.997e+05	-7.653e+04	-0.04	0.0	209.0	-5.743e+04	2826.26	440.41	455.05	1.552e+04	-8978.19
						418.0	-5.634e+04	2826.26	440.41	455.05	1.076e+05	5.817e+05
145	4	5.817e+05	1.076e+05	-0.08	0.0	0.0	-5.907e+04	2828.03	439.48	475.47	-7.613e+04	-6.004e+05
		-6.004e+05	-7.613e+04	-0.04	0.0	209.0	-5.798e+04	2828.03	439.48	475.47	1.572e+04	-9363.18
						418.0	-5.690e+04	2828.03	439.48	475.47	1.076e+05	5.817e+05

145	5	2.961e+05	1.331e+05	-0.04	0.0	0.0	-3.873e+04	1443.81	591.87	122.36	-1.143e+05	-3.074e+05
		-3.074e+05	-1.143e+05	-0.03	0.0	209.0	-3.789e+04	1443.81	591.87	122.36	9412.83	-5621.74
						418.0	-3.706e+04	1443.81	591.87	122.36	1.331e+05	2.961e+05
145	9	4.510e+05	1.510e+05	-0.07	0.0	0.0	-5.496e+04	2201.71	655.61	327.87	-1.230e+05	-4.693e+05
		-4.693e+05	-1.230e+05	-0.04	0.0	209.0	-5.387e+04	2201.71	655.61	327.87	1.402e+04	-9172.61
						418.0	-5.279e+04	2201.71	655.61	327.87	1.510e+05	4.510e+05
145	114	3.032e+05	1.656e+05	0.02	0.0	0.0	-4.076e+04	1474.07	745.02	8640.77	-1.458e+05	-3.130e+05
		-3.130e+05	-1.458e+05	-0.06	0.0	209.0	-3.993e+04	1474.07	745.02	8640.77	9922.37	-4908.66
						418.0	-3.909e+04	1474.07	745.02	8640.77	1.656e+05	3.032e+05
145	115	3.988e+05	6.406e+04	-0.10	0.0	0.0	-4.161e+04	1944.11	254.55	-8217.58	-4.234e+04	-4.138e+05
		-4.138e+05	-4.234e+04	-6.62e-03	0.0	209.0	-4.078e+04	1944.11	254.55	-8217.58	1.086e+04	-7516.67
						418.0	-3.994e+04	1944.11	254.55	-8217.58	6.406e+04	3.988e+05
145	116	4.025e+05	1.897e+05	-0.10	0.0	0.0	-4.146e+04	1961.97	861.27	-7356.35	-1.703e+05	-4.176e+05
		-4.176e+05	-1.703e+05	-0.07	0.0	209.0	-4.062e+04	1961.97	861.27	-7356.35	9690.96	-7590.09
						418.0	-3.978e+04	1961.97	861.27	-7356.35	1.897e+05	4.025e+05
145	132	3.720e+05	3.278e+05	-0.07	0.0	0.0	-4.103e+04	1812.04	1528.43	-752.60	-3.110e+05	-3.855e+05
		-3.855e+05	-3.110e+05	-0.14	0.0	209.0	-4.020e+04	1812.04	1528.43	-752.60	8405.07	-6737.25
						418.0	-3.936e+04	1812.04	1528.43	-752.60	3.278e+05	3.720e+05
145	146	3.140e+05	1.541e+05	0.01	0.0	0.0	-4.086e+04	1527.29	689.49	6732.10	-1.341e+05	-3.244e+05
		-3.244e+05	-1.341e+05	-0.05	0.0	209.0	-4.002e+04	1527.29	689.49	6732.10	1.003e+04	-5203.93
						418.0	-3.919e+04	1527.29	689.49	6732.10	1.541e+05	3.140e+05
145	147	3.880e+05	7.556e+04	-0.09	0.0	0.0	-4.152e+04	1890.90	310.08	-6308.90	-5.405e+04	-4.024e+05
		-4.024e+05	-5.405e+04	-0.01	0.0	209.0	-4.068e+04	1890.90	310.08	-6308.90	1.076e+04	-7221.39
						418.0	-3.984e+04	1890.90	310.08	-6308.90	7.556e+04	3.880e+05
145	148	3.908e+05	1.727e+05	-0.09	0.0	0.0	-4.140e+04	1904.71	779.42	-5642.69	-1.530e+05	-4.054e+05
		-4.054e+05	-1.530e+05	-0.06	0.0	209.0	-4.056e+04	1904.71	779.42	-5642.69	9849.81	-7278.19
						418.0	-3.972e+04	1904.71	779.42	-5642.69	1.727e+05	3.908e+05
145	164	3.672e+05	2.796e+05	-0.07	0.0	0.0	-4.107e+04	1788.73	1295.51	-534.27	-2.619e+05	-3.805e+05
		-3.805e+05	-2.619e+05	-0.11	0.0	209.0	-4.023e+04	1788.73	1295.51	-534.27	8855.09	-6618.46
						418.0	-3.940e+04	1788.73	1295.51	-534.27	2.796e+05	3.672e+05
146	1	4.910e+05	7.254e+04	-6.58e-03	0.0	0.0	-1.597e+04	3412.74	879.15	3040.18	-1.666e+05	-4.373e+05
		-4.373e+05	-1.666e+05	-0.02	0.0	136.0	-1.526e+04	3412.74	879.15	3040.18	-4.702e+04	2.684e+04
						272.0	-1.455e+04	3412.74	879.15	3040.18	7.254e+04	4.910e+05
146	4	5.782e+05	5.264e+04	-9.65e-03	0.0	0.0	-1.665e+04	4194.44	676.89	2724.77	-1.315e+05	-5.627e+05
		-5.627e+05	-1.315e+05	-0.02	0.0	136.0	-1.595e+04	4194.44	676.89	2724.77	-3.941e+04	7733.89
						272.0	-1.524e+04	4194.44	676.89	2724.77	5.264e+04	5.782e+05
146	5	3.224e+05	7.124e+04	5.22e-03	0.0	0.0	-1.136e+04	2216.72	794.92	2278.59	-1.450e+05	-2.805e+05
		-2.805e+05	-1.450e+05	-0.02	0.0	136.0	-1.082e+04	2216.72	794.92	2278.59	-3.687e+04	2.095e+04
						272.0	-1.027e+04	2216.72	794.92	2278.59	7.124e+04	3.224e+05
146	11	5.749e+05	5.049e+04	-9.45e-03	0.0	0.0	-1.715e+04	4071.95	695.63	3010.62	-1.387e+05	-5.327e+05
		-5.327e+05	-1.387e+05	-0.02	0.0	136.0	-1.644e+04	4071.95	695.63	3010.62	-4.412e+04	2.110e+04
						272.0	-1.573e+04	4071.95	695.63	3010.62	5.049e+04	5.749e+05
146	114	3.310e+05	7.388e+04	0.03	0.0	0.0	-1.176e+04	2416.96	771.87	1.199e+04	-1.361e+05	-3.264e+05
		-3.264e+05	-1.361e+05	-0.02	0.0	136.0	-1.121e+04	2416.96	771.87	1.199e+04	-3.109e+04	2258.78
						272.0	-1.067e+04	2416.96	771.87	1.199e+04	7.388e+04	3.310e+05
146	115	4.042e+05	4.569e+04	-0.02	0.0	0.0	-1.207e+04	2756.44	615.84	-7545.27	-1.218e+05	-3.456e+05
		-3.456e+05	-1.218e+05	-0.01	0.0	136.0	-1.152e+04	2756.44	615.84	-7545.27	-3.806e+04	2.931e+04
						272.0	-1.098e+04	2756.44	615.84	-7545.27	4.569e+04	4.042e+05
146	116	4.076e+05	8.291e+04	-0.02	0.0	0.0	-1.203e+04	2775.99	825.89	-7154.75	-1.417e+05	-3.475e+05
		-3.475e+05	-1.417e+05	-0.02	0.0	136.0	-1.149e+04	2775.99	825.89	-7154.75	-2.941e+04	3.005e+04
						272.0	-1.095e+04	2775.99	825.89	-7154.75	8.291e+04	4.076e+05
146	132	3.847e+05	1.232e+05	-0.01	0.0	0.0	-1.190e+04	2673.14	1052.03	-0.13	-1.630e+05	-3.424e+05
		-3.424e+05	-1.630e+05	-0.04	0.0	136.0	-1.136e+04	2673.14	1052.03	-0.13	-1.990e+04	2.118e+04
						272.0	-1.081e+04	2673.14	1052.03	-0.13	1.232e+05	3.847e+05
146	146	3.393e+05	7.069e+04	0.02	0.0	0.0	-1.179e+04	2455.39	754.21	9774.07	-1.345e+05	-3.286e+05
		-3.286e+05	-1.345e+05	-0.02	0.0	136.0	-1.125e+04	2455.39	754.21	9774.07	-3.188e+04	5321.06
						272.0	-1.070e+04	2455.39	754.21	9774.07	7.069e+04	3.393e+05
146	147	3.959e+05	4.888e+04	-0.02	0.0	0.0	-1.203e+04	2718.00	633.51	-5334.05	-1.234e+05	-3.434e+05
		-3.434e+05	-1.234e+05	-0.01	0.0	136.0	-1.149e+04	2718.00	633.51	-5334.05	-3.727e+04	2.624e+04
						272.0	-1.094e+04	2718.00	633.51	-5334.05	4.888e+04	3.959e+05
146	148	3.985e+05	7.768e+04	-0.02	0.0	0.0	-1.201e+04	2733.12	795.99	-5031.96	-1.388e+05	-3.449e+05
		-3.449e+05	-1.388e+05	-0.02	0.0	136.0	-1.146e+04	2733.12	795.99	-5031.96	-3.058e+04	2.682e+04
						272.0	-1.092e+04	2733.12	795.99	-5031.96	7.768e+04	3.985e+05
146	164	3.808e+05	1.088e+05	-0.01	0.0	0.0	-1.190e+04	2653.56	970.93	502.59	-1.553e+05	-3.409e+05
		-3.409e+05	-1.553e+05	-0.03	0.0	136.0	-1.136e+04	2653.56	970.93	502.59	-2.323e+04	1.996e+04
						272.0	-1.082e+04	2653.56	970.93	502.59	1.088e+05	3.808e+05
147	3	4.443e+05	2.802e+05	-0.06	0.0	0.0	-8.073e+04	-1122.15	2003.61	836.75	-3.323e+05	4.443e+05
		1.123e+05	-3.323e+05	-0.03	0.0	161.5	-7.989e+04	-1122.15	2003.61	836.75	-2.603e+04	2.783e+05
						323.0	-7.905e+04	-1122.15	2003.61	836.75	2.802e+05	1.123e+05
147	4	4.451e+05	2.795e+05	-0.06	0.0	0.0	-8.125e+04	-1125.50	2006.57	912.35	-3.339e+05	4.451e+05
		1.120e+05	-3.339e+05	-0.03	0.0	161.5	-8.041e+04	-1125.50	2006.57	912.35	-2.717e+04	2.786e+05
						323.0	-7.957e+04	-1125.50	2006.57	912.35	2.795e+05	1.120e+05
147	5	3.299e+05	1.606e+05	-0.05	0.0	0.0	-5.167e+04	-824.99	1282.63	-1477.42	-2.322e+05	3.299e+05
		8.625e+04	-2.322e+05	-0.02	0.0	161.5	-5.103e+04	-824.99	1282.63	-1477.42	-3.579e+04	2.081e+05
						323.0	-5.038e+04	-824.99	1282.63	-1477.42	1.606e+05	8.625e+04
147	12	3.315e+05	1.592e+05	-0.05	0.0	0.0	-5.271e+04	-831.70	1288.57	-1326.21	-2.354e+05	3.315e+05
		8.581e+04	-2.354e+05	-0.02	0.0	161.5	-5.207e+04	-831.70	1288.57	-1326.21	-3.808e+04	2.086e+05

					323.0	-5.142e+04	-831.70	1288.57	-1326.21	1.592e+05	8.581e+04
147	113	3.823e+05	1.916e+05	-0.06	0.0	0.0	-5.513e+04	-634.06	1374.34	-1909.98	-2.272e+05	3.823e+05
		1.904e+05	-2.272e+05	-0.02	0.0	161.5	-5.449e+04	-634.06	1374.34	-1909.98	-1.780e+04	2.864e+05
						323.0	-5.384e+04	-634.06	1374.34	-1909.98	1.916e+05	1.904e+05
147	116	2.867e+05	1.690e+05	-0.04	0.0	0.0	-5.611e+04	-1045.96	1380.36	539.57	-2.553e+05	2.867e+05
		-1.793e+04	-2.553e+05	-0.03	0.0	161.5	-5.546e+04	-1045.96	1380.36	539.57	-4.312e+04	1.344e+05
						323.0	-5.482e+04	-1045.96	1380.36	539.57	1.690e+05	-1.793e+04
147	130	3.456e+05	1.544e+05	-0.05	0.0	0.0	-5.439e+04	-782.61	1399.07	-326.64	-2.790e+05	3.456e+05
		1.128e+05	-2.790e+05	-0.04	0.0	161.5	-5.374e+04	-782.61	1399.07	-326.64	-6.229e+04	2.292e+05
						323.0	-5.310e+04	-782.61	1399.07	-326.64	1.544e+05	1.128e+05
147	131	3.234e+05	2.062e+05	-0.05	0.0	0.0	-5.685e+04	-897.41	1355.63	-1043.77	-2.035e+05	3.234e+05
		5.967e+04	-2.035e+05	-0.01	0.0	161.5	-5.621e+04	-897.41	1355.63	-1043.77	1372.75	1.915e+05
						323.0	-5.556e+04	-897.41	1355.63	-1043.77	2.062e+05	5.967e+04
147	132	3.174e+05	1.525e+05	-0.05	0.0	0.0	-5.486e+04	-905.46	1397.14	288.34	-2.805e+05	3.174e+05
		5.108e+04	-2.805e+05	-0.04	0.0	161.5	-5.422e+04	-905.46	1397.14	288.34	-6.400e+04	1.843e+05
						323.0	-5.357e+04	-905.46	1397.14	288.34	1.525e+05	5.108e+04
147	133	3.508e+05	2.082e+05	-0.05	0.0	0.0	-5.639e+04	-773.19	1357.87	-959.68	-2.020e+05	3.508e+05
		1.206e+05	-2.020e+05	-0.01	0.0	161.5	-5.575e+04	-773.19	1357.87	-959.68	3077.40	2.357e+05
						323.0	-5.510e+04	-773.19	1357.87	-959.68	2.082e+05	1.206e+05
147	145	3.715e+05	1.890e+05	-0.06	0.0	0.0	-5.524e+04	-680.70	1375.02	-1632.64	-2.304e+05	3.715e+05
		1.668e+05	-2.304e+05	-0.02	0.0	161.5	-5.460e+04	-680.70	1375.02	-1632.64	-2.066e+04	2.691e+05
						323.0	-5.395e+04	-680.70	1375.02	-1632.64	1.890e+05	1.668e+05
147	148	2.975e+05	1.716e+05	-0.04	0.0	0.0	-5.600e+04	-999.33	1379.68	262.24	-2.521e+05	2.975e+05
		5654.79	-2.521e+05	-0.03	0.0	161.5	-5.535e+04	-999.33	1379.68	262.24	-4.025e+04	1.516e+05
						323.0	-5.471e+04	-999.33	1379.68	262.24	1.716e+05	5654.79
147	162	3.431e+05	1.603e+05	-0.05	0.0	0.0	-5.467e+04	-795.61	1394.15	-407.83	-2.704e+05	3.431e+05
		1.068e+05	-2.704e+05	-0.04	0.0	161.5	-5.402e+04	-795.61	1394.15	-407.83	-5.508e+04	2.249e+05
						323.0	-5.338e+04	-795.61	1394.15	-407.83	1.603e+05	1.068e+05
147	163	3.259e+05	2.003e+05	-0.05	0.0	0.0	-5.657e+04	-884.41	1360.55	-962.58	-2.120e+05	3.259e+05
		6.569e+04	-2.120e+05	-0.01	0.0	161.5	-5.593e+04	-884.41	1360.55	-962.58	-5835.06	1.958e+05
						323.0	-5.528e+04	-884.41	1360.55	-962.58	2.003e+05	6.569e+04
147	164	3.213e+05	1.588e+05	-0.05	0.0	0.0	-5.503e+04	-890.64	1392.66	67.89	-2.716e+05	3.213e+05
		5.904e+04	-2.716e+05	-0.04	0.0	161.5	-5.439e+04	-890.64	1392.66	67.89	-5.641e+04	1.902e+05
						323.0	-5.374e+04	-890.64	1392.66	67.89	1.588e+05	5.904e+04
147	165	3.471e+05	2.019e+05	-0.05	0.0	0.0	-5.622e+04	-788.32	1362.28	-897.53	-2.109e+05	3.471e+05
		1.128e+05	-2.109e+05	-0.01	0.0	161.5	-5.557e+04	-788.32	1362.28	-897.53	-4516.41	2.300e+05
						323.0	-5.493e+04	-788.32	1362.28	-897.53	2.019e+05	1.128e+05
148	3	7.218e+04	4.323e+04	-0.06	0.0	0.0	-5.083e+04	186.93	673.02	5080.16	-2.381e+05	-5958.81
		-5958.81	-2.381e+05	-0.04	0.0	209.0	-4.974e+04	186.93	673.02	5080.16	-9.743e+04	3.311e+04
						418.0	-4.865e+04	186.93	673.02	5080.16	4.323e+04	7.218e+04
148	4	7.291e+04	4.244e+04	-0.06	0.0	0.0	-5.134e+04	189.88	670.36	5134.77	-2.378e+05	-6462.10
		-6462.10	-2.378e+05	-0.04	0.0	209.0	-5.026e+04	189.88	670.36	5134.77	-9.767e+04	3.322e+04
						418.0	-4.917e+04	189.88	670.36	5134.77	4.244e+04	7.291e+04
148	5	3.823e+04	3.158e+04	-0.03	0.0	0.0	-3.328e+04	51.16	447.71	2797.60	-1.556e+05	1.684e+04
		1.684e+04	-1.556e+05	-0.03	0.0	209.0	-3.244e+04	51.16	447.71	2797.60	-6.200e+04	2.753e+04
						418.0	-3.161e+04	51.16	447.71	2797.60	3.158e+04	3.823e+04
148	113	1.210e+05	-4.009e+04	0.06	0.0	0.0	-3.551e+04	-314.76	136.11	1.559e+04	-9.698e+04	1.210e+05
		-1.055e+04	-9.698e+04	0.03	0.0	209.0	-3.468e+04	-314.76	136.11	1.559e+04	-6.853e+04	5.524e+04
						418.0	-3.384e+04	-314.76	136.11	1.559e+04	-4.009e+04	-1.055e+04
148	116	1.000e+05	1.040e+05	-0.14	0.0	0.0	-3.560e+04	486.07	808.44	-9148.56	-2.340e+05	-1.032e+05
		-1.032e+05	-2.340e+05	-0.07	0.0	209.0	-3.477e+04	486.07	808.44	-9148.56	-6.500e+04	-1579.43
						418.0	-3.393e+04	486.07	808.44	-9148.56	1.040e+05	1.000e+05
148	132	6.274e+04	2.372e+05	-0.07	0.0	0.0	-3.574e+04	217.45	1430.02	782.73	-3.606e+05	-2.815e+04
		-2.815e+04	-3.606e+05	-0.14	0.0	209.0	-3.490e+04	217.45	1430.02	782.73	-6.172e+04	1.730e+04
						418.0	-3.407e+04	217.45	1430.02	782.73	2.372e+05	6.274e+04
148	134	3.805e+04	2.307e+05	-0.02	0.0	0.0	-3.575e+04	-18.82	1399.68	9635.71	-3.544e+05	3.805e+04
		3.018e+04	-3.544e+05	-0.13	0.0	209.0	-3.491e+04	-18.82	1399.68	9635.71	-6.187e+04	3.412e+04
						418.0	-3.408e+04	-18.82	1399.68	9635.71	2.307e+05	3.018e+04
148	135	5.928e+04	2.346e+04	-0.06	0.0	0.0	-3.537e+04	190.13	-455.13	-3197.36	2.346e+04	-2.020e+04
		-2.020e+04	-1.668e+05	0.08	0.0	209.0	-3.453e+04	190.13	-455.13	-3197.36	-7.166e+04	1.954e+04
						418.0	-3.370e+04	190.13	-455.13	-3197.36	-1.668e+05	5.928e+04
148	145	9.564e+04	-2.378e+04	0.04	0.0	0.0	-3.552e+04	-224.09	212.23	1.279e+04	-1.125e+05	9.564e+04
		1968.48	-1.125e+05	0.02	0.0	209.0	-3.469e+04	-224.09	212.23	1.279e+04	-6.813e+04	4.880e+04
						418.0	-3.385e+04	-224.09	212.23	1.279e+04	-2.378e+04	1968.48
148	148	8.749e+04	8.765e+04	-0.12	0.0	0.0	-3.559e+04	395.40	732.32	-6348.05	-2.185e+05	-7.779e+04
		-7.779e+04	-2.185e+05	-0.06	0.0	209.0	-3.476e+04	395.40	732.32	-6348.05	-6.540e+04	4853.07
						418.0	-3.392e+04	395.40	732.32	-6348.05	8.765e+04	8.749e+04
148	164	5.866e+04	1.907e+05	-0.06	0.0	0.0	-3.570e+04	187.60	1213.15	1334.43	-3.164e+05	-1.975e+04
		-1.975e+04	-3.164e+05	-0.11	0.0	209.0	-3.486e+04	187.60	1213.15	1334.43	-6.287e+04	1.946e+04
						418.0	-3.403e+04	187.60	1213.15	1334.43	1.907e+05	5.866e+04
148	166	3.348e+04	1.857e+05	-0.02	0.0	0.0	-3.570e+04	4.84	1189.68	8182.77	-3.116e+05	3.145e+04
		3.145e+04	-3.116e+05	-0.11	0.0	209.0	-3.487e+04	4.84	1189.68	8182.77	-6.298e+04	3.247e+04
						418.0	-3.403e+04	4.84	1189.68	8182.77	1.857e+05	3.348e+04
148	167	5.598e+04	-1.932e+04	-0.06	0.0	0.0	-3.541e+04	166.47	-245.13	-1744.42	-1.932e+04	-1.360e+04
		-1.360e+04	-1.218e+05	0.06	0.0	209.0	-3.458e+04	166.47	-245.13	-1744.42	-7.056e+04	2.119e+04
						418.0	-3.374e+04	166.47	-245.13	-1744.42	-1.218e+05	5.598e+04
149	4	4.320e+04	1.845e+05	2.86e-03	0.0	0.0	-1.548e+04	130.72	-1233.13	-1126.69	1.845e+05	7641.74

		7641.74	-1.509e+05	-0.02	0.0	136.0	-1.477e+04	130.72	-1233.13	-1126.69	1.677e+04	2.542e+04
						272.0	-1.406e+04	130.72	-1233.13	-1126.69	-1.509e+05	4.320e+04
149	5	2.472e+04	1.152e+05	7.98e-03	0.0	0.0	-1.049e+04	57.78	-748.17	-504.29	1.152e+05	9001.46
		9001.46	-8.830e+04	-0.02	0.0	136.0	-9945.71	57.78	-748.17	-504.29	1.345e+04	1.686e+04
						272.0	-9401.71	57.78	-748.17	-504.29	-8.830e+04	2.472e+04
149	7	2.815e+04	1.356e+05	1.85e-03	0.0	0.0	-1.067e+04	87.62	-905.60	-809.51	1.356e+05	4316.83
		4316.83	-1.108e+05	-0.02	0.0	136.0	-1.012e+04	87.62	-905.60	-809.51	1.240e+04	1.623e+04
						272.0	-9578.19	87.62	-905.60	-809.51	-1.108e+05	2.815e+04
149	11	4.408e+04	1.797e+05	5.26e-03	0.0	0.0	-1.593e+04	125.24	-1193.66	-1042.51	1.797e+05	1.002e+04
		1.002e+04	-1.450e+05	-0.02	0.0	136.0	-1.523e+04	125.24	-1193.66	-1042.51	1.736e+04	2.705e+04
						272.0	-1.452e+04	125.24	-1193.66	-1042.51	-1.450e+05	4.408e+04
149	120	4.873e+04	1.156e+05	-0.05	0.0	0.0	-1.103e+04	63.23	-725.80	-1.028e+04	1.156e+05	3.153e+04
		3.153e+04	-8.178e+04	-0.02	0.0	136.0	-1.048e+04	63.23	-725.80	-1.028e+04	1.693e+04	4.013e+04
						272.0	-9937.45	63.23	-725.80	-1.028e+04	-8.178e+04	4.873e+04
149	121	7918.27	1.372e+05	0.06	0.0	0.0	-1.102e+04	86.99	-947.56	1.112e+04	1.372e+05	-1.574e+04
		-1.574e+04	-1.205e+05	-0.01	0.0	136.0	-1.048e+04	86.99	-947.56	1.112e+04	8348.89	-3912.11
						272.0	-9936.20	86.99	-947.56	1.112e+04	-1.205e+05	7918.27
149	129	2.086e+04	1.576e+05	0.02	0.0	0.0	-1.099e+04	75.00	-1165.74	1475.12	1.576e+05	460.69
		460.69	-1.595e+05	4.46e-03	0.0	136.0	-1.045e+04	75.00	-1165.74	1475.12	-935.20	1.066e+04
						272.0	-9904.82	75.00	-1165.74	1475.12	-1.595e+05	2.086e+04
149	134	2.286e+04	9.390e+04	0.02	0.0	0.0	-1.106e+04	79.43	-491.93	3866.27	9.390e+04	1251.31
		1251.31	-3.991e+04	-0.04	0.0	136.0	-1.052e+04	79.43	-491.93	3866.27	2.699e+04	1.205e+04
						272.0	-9976.12	79.43	-491.93	3866.27	-3.991e+04	2.286e+04
149	135	3.292e+04	1.560e+05	-8.73e-03	0.0	0.0	-1.099e+04	67.46	-1150.26	-5134.75	1.560e+05	1.458e+04
		1.458e+04	-1.569e+05	3.98e-03	0.0	136.0	-1.044e+04	67.46	-1150.26	-5134.75	-471.11	2.375e+04
						272.0	-9899.80	67.46	-1150.26	-5134.75	-1.569e+05	3.292e+04
149	152	4.401e+04	1.177e+05	-0.04	0.0	0.0	-1.103e+04	65.54	-747.38	-8096.31	1.177e+05	2.618e+04
		2.618e+04	-8.554e+04	-0.02	0.0	136.0	-1.048e+04	65.54	-747.38	-8096.31	1.610e+04	3.510e+04
						272.0	-9937.56	65.54	-747.38	-8096.31	-8.554e+04	4.401e+04
149	153	1.244e+04	1.344e+05	0.05	0.0	0.0	-1.102e+04	83.92	-918.93	8458.73	1.344e+05	-1.039e+04
		-1.039e+04	-1.155e+05	-0.01	0.0	136.0	-1.048e+04	83.92	-918.93	8458.73	9461.34	1027.29
						272.0	-9936.60	83.92	-918.93	8458.73	-1.155e+05	1.244e+04
149	161	2.245e+04	1.502e+05	0.02	0.0	0.0	-1.100e+04	74.65	-1087.70	997.48	1.502e+05	2148.26
		2148.26	-1.456e+05	-3.21e-03	0.0	136.0	-1.046e+04	74.65	-1087.70	997.48	2279.51	1.230e+04
						272.0	-9912.33	74.65	-1087.70	997.48	-1.456e+05	2.245e+04
149	166	2.400e+04	1.009e+05	0.02	0.0	0.0	-1.106e+04	78.07	-566.46	2847.18	1.009e+05	2759.86
		2759.86	-5.315e+04	-0.03	0.0	136.0	-1.051e+04	78.07	-566.46	2847.18	2.388e+04	1.338e+04
						272.0	-9967.48	78.07	-566.46	2847.18	-5.315e+04	2.400e+04
149	167	3.178e+04	1.489e+05	-6.17e-03	0.0	0.0	-1.100e+04	68.81	-1075.73	-4115.67	1.489e+05	1.307e+04
		1.307e+04	-1.437e+05	-3.32e-03	0.0	136.0	-1.045e+04	68.81	-1075.73	-4115.67	2638.51	2.243e+04
						272.0	-9908.44	68.81	-1075.73	-4115.67	-1.437e+05	3.178e+04
160	4	2.427e+04	-0.16	-0.03	0.0	0.0	-4.348e+04	39.31	-141.14	4252.52	-0.16	7833.73
		7833.73	-5.900e+04	-0.03	0.0	209.0	-4.239e+04	39.31	-141.14	4252.52	-2.950e+04	1.605e+04
						418.0	-4.131e+04	39.31	-141.14	4252.52	-5.900e+04	2.427e+04
160	5	1.825e+04	-0.21	-0.02	0.0	0.0	-2.843e+04	20.92	-82.51	2907.61	-0.21	9503.11
		9503.11	-3.449e+04	-0.03	0.0	209.0	-2.759e+04	20.92	-82.51	2907.61	-1.725e+04	1.387e+04
						418.0	-2.675e+04	20.92	-82.51	2907.61	-3.449e+04	1.825e+04
160	8	1.829e+04	-0.14	-0.02	0.0	0.0	-3.229e+04	28.11	-104.23	3183.58	-0.14	6541.85
		6541.85	-4.357e+04	-0.02	0.0	209.0	-3.145e+04	28.11	-104.23	3183.58	-2.178e+04	1.242e+04
						418.0	-3.062e+04	28.11	-104.23	3183.58	-4.357e+04	1.829e+04
160	9	2.481e+04	-0.23	-0.03	0.0	0.0	-4.051e+04	33.79	-121.17	4037.99	-0.23	1.068e+04
		1.068e+04	-5.065e+04	-0.03	0.0	209.0	-3.943e+04	33.79	-121.17	4037.99	-2.532e+04	1.774e+04
						418.0	-3.834e+04	33.79	-121.17	4037.99	-5.065e+04	2.481e+04
160	122	4.000e+04	-0.82	0.09	0.0	0.0	-3.025e+04	-120.27	-11.66	1497.10	-0.82	4.000e+04
		-1.027e+04	-4876.11	-0.06	0.0	209.0	-2.942e+04	-120.27	-11.66	1497.10	-2438.47	1.486e+04
						418.0	-2.858e+04	-120.27	-11.66	1497.10	-4876.11	-1.027e+04
160	123	4.710e+04	0.47	-0.13	0.0	0.0	-3.028e+04	168.93	-172.28	4587.23	0.47	-2.351e+04
		-2.351e+04	-7.201e+04	0.01	0.0	209.0	-2.945e+04	168.93	-172.28	4587.23	-3.601e+04	1.180e+04
						418.0	-2.861e+04	168.93	-172.28	4587.23	-7.201e+04	4.710e+04
160	127	4.721e+04	0.22	-0.13	0.0	0.0	-3.028e+04	169.47	-141.45	4414.39	0.22	-2.363e+04
		-2.363e+04	-5.913e+04	-6.84e-03	0.0	209.0	-2.945e+04	169.47	-141.45	4414.39	-2.956e+04	1.179e+04
						418.0	-2.861e+04	169.47	-141.45	4414.39	-5.913e+04	4.721e+04
160	129	1.662e+04	2.41	7.69e-03	0.0	0.0	-3.026e+04	-9.63	-418.11	1124.69	2.41	1.662e+04
		1.259e+04	-1.748e+05	0.10	0.0	209.0	-2.943e+04	-9.63	-418.11	1124.69	-8.738e+04	1.460e+04
						418.0	-2.859e+04	-9.63	-418.11	1124.69	-1.748e+05	1.259e+04
160	132	2.424e+04	9.788e+04	-0.05	0.0	0.0	-3.027e+04	58.29	234.17	4959.64	-2.77	-127.81
		-127.81	-2.77	-0.15	0.0	209.0	-2.943e+04	58.29	234.17	4959.64	4.894e+04	1.205e+04
						418.0	-2.860e+04	58.29	234.17	4959.64	9.788e+04	2.424e+04
160	154	3.281e+04	-0.68	0.06	0.0	0.0	-3.026e+04	-87.53	-29.85	1846.96	-0.68	3.281e+04
		-3778.23	-1.248e+04	-0.05	0.0	209.0	-2.942e+04	-87.53	-29.85	1846.96	-6238.83	1.452e+04
						418.0	-2.858e+04	-87.53	-29.85	1846.96	-1.248e+04	-3778.23
160	155	4.060e+04	0.32	-0.10	0.0	0.0	-3.028e+04	136.18	-154.09	4237.37	0.32	-1.632e+04
		-1.632e+04	-6.441e+04	9.00e-03	0.0	209.0	-2.944e+04	136.18	-154.09	4237.37	-3.220e+04	1.214e+04
						418.0	-2.861e+04	136.18	-154.09	4237.37	-6.441e+04	4.060e+04
160	159	4.069e+04	0.13	-0.10	0.0	0.0	-3.028e+04	136.60	-130.25	4103.67	0.13	-1.641e+04
		-1.641e+04	-5.444e+04	-0.01	0.0	209.0	-2.944e+04	136.60	-130.25	4103.67	-2.722e+04	1.214e+04
						418.0	-2.861e+04	136.60	-130.25	4103.67	-5.444e+04	4.069e+04

160	161	1.472e+04	1.82	-3.77e-03	0.0	0.0	-3.027e+04	-1.94	-344.26	1558.88	1.82	1.472e+04
		1.391e+04	-1.439e+05	0.07	0.0	209.0	-2.943e+04	-1.94	-344.26	1558.88	-7.195e+04	1.431e+04
						418.0	-2.859e+04	-1.94	-344.26	1558.88	-1.439e+05	1.391e+04
160	164	2.292e+04	6.701e+04	-0.04	0.0	0.0	-3.027e+04	50.60	160.32	4525.46	-2.18	1767.97
		1767.97	-2.18	-0.12	0.0	209.0	-2.943e+04	50.60	160.32	4525.46	3.350e+04	1.234e+04
						418.0	-2.860e+04	50.60	160.32	4525.46	6.701e+04	2.292e+04
161	4	4.044e+04	1.934e+04	-0.03	0.0	0.0	-4.803e+04	66.20	46.02	-5812.30	-0.88	1.276e+04
		1.276e+04	-0.88	-0.05	0.52	209.0	-4.695e+04	66.20	46.28	-5812.30	9644.26	2.660e+04
						418.0	-4.586e+04	66.20	46.54	-5812.30	1.934e+04	4.044e+04
161	5	2.938e+04	6802.65	-0.01	0.0	0.0	-3.153e+04	38.58	16.08	-2922.24	-0.60	1.325e+04
		1.325e+04	-0.60	-0.04	0.40	209.0	-3.070e+04	38.58	16.28	-2922.24	3380.13	2.132e+04
						418.0	-2.986e+04	38.58	16.48	-2922.24	6802.65	2.938e+04
161	8	3.074e+04	1.252e+04	-0.02	0.0	0.0	-3.571e+04	48.83	29.75	-4191.38	-0.66	1.033e+04
		1.033e+04	-0.66	-0.04	0.40	209.0	-3.487e+04	48.83	29.95	-4191.38	6237.88	2.053e+04
						418.0	-3.403e+04	48.83	30.15	-4191.38	1.252e+04	3.074e+04
161	127	5.598e+04	-0.21	-0.09	0.0	0.0	-3.356e+04	145.88	-30.38	1.060e+04	-0.21	-4996.51
		-4996.51	-1.261e+04	-0.02	0.40	209.0	-3.273e+04	145.88	-30.18	1.060e+04	-6328.11	2.549e+04
						418.0	-3.189e+04	145.88	-29.98	1.060e+04	-1.261e+04	5.598e+04
161	129	2.609e+04	1.98	-5.20e-03	0.0	0.0	-3.359e+04	25.22	-307.46	-7864.59	1.98	1.555e+04
		1.555e+04	-1.284e+05	0.09	0.40	209.0	-3.275e+04	25.22	-307.26	-7864.59	-6.424e+04	2.082e+04
						418.0	-3.191e+04	25.22	-307.06	-7864.59	-1.284e+05	2.609e+04
161	132	3.393e+04	1.480e+05	-0.03	0.0	0.0	-3.345e+04	60.90	353.92	894.06	-3.24	8471.65
		8471.65	-3.24	-0.16	0.40	209.0	-3.262e+04	60.90	354.12	894.06	7.399e+04	2.120e+04
						418.0	-3.178e+04	60.90	354.32	894.06	1.480e+05	3.393e+04
161	134	2.092e+04	1.445e+05	0.01	0.0	0.0	-3.344e+04	7.66	345.40	-7406.59	-3.17	1.772e+04
		1.772e+04	-3.17	-0.16	0.40	209.0	-3.260e+04	7.66	345.60	-7406.59	7.221e+04	1.932e+04
						418.0	-3.177e+04	7.66	345.80	-7406.59	1.445e+05	2.092e+04
161	135	3.910e+04	1.91	-0.04	0.0	0.0	-3.360e+04	78.47	-298.94	436.06	1.91	6302.72
		6302.72	-1.249e+05	0.08	0.40	209.0	-3.276e+04	78.47	-298.74	436.06	-6.246e+04	2.270e+04
						418.0	-3.193e+04	78.47	-298.54	436.06	-1.249e+05	3.910e+04
161	159	5.010e+04	-0.31	-0.07	0.0	0.0	-3.355e+04	122.60	-18.24	7409.11	-0.31	-1145.87
		-1145.87	-7540.31	-0.02	0.40	209.0	-3.272e+04	122.60	-18.04	7409.11	-3791.21	2.448e+04
						418.0	-3.188e+04	122.60	-17.84	7409.11	-7540.31	5.010e+04
161	161	2.698e+04	1.39	-6.91e-03	0.0	0.0	-3.357e+04	29.26	-232.58	-6872.95	1.39	1.475e+04
		1.475e+04	-9.713e+04	0.06	0.40	209.0	-3.273e+04	29.26	-232.38	-6872.95	-4.859e+04	2.086e+04
						418.0	-3.190e+04	29.26	-232.18	-6872.95	-9.713e+04	2.698e+04
161	164	3.304e+04	1.167e+05	-0.02	0.0	0.0	-3.347e+04	56.86	279.04	-97.58	-2.64	9272.61
		9272.61	-2.64	-0.13	0.40	209.0	-3.263e+04	56.86	279.24	-97.58	5.834e+04	2.116e+04
						418.0	-3.180e+04	56.86	279.44	-97.58	1.167e+05	3.304e+04
161	166	2.297e+04	1.140e+05	8.45e-03	0.0	0.0	-3.346e+04	15.67	272.45	-6518.65	-2.59	1.642e+04
		1.642e+04	-2.59	-0.13	0.40	209.0	-3.262e+04	15.67	272.65	-6518.65	5.696e+04	1.970e+04
						418.0	-3.179e+04	15.67	272.85	-6518.65	1.140e+05	2.297e+04
161	167	3.704e+04	1.34	-0.03	0.0	0.0	-3.358e+04	70.45	-225.99	-451.87	1.34	7594.80
		7594.80	-9.438e+04	0.06	0.40	209.0	-3.275e+04	70.45	-225.79	-451.87	-4.721e+04	2.232e+04
						418.0	-3.191e+04	70.45	-225.59	-451.87	-9.438e+04	3.704e+04
162	4	2.228e+05	2.017e+05	-0.05	0.0	0.0	-3.768e+04	-172.17	243.94	6200.50	9.976e+04	2.228e+05
		1.509e+05	9.976e+04	-0.07	0.0	209.0	-3.660e+04	-172.17	243.94	6200.50	1.507e+05	1.869e+05
						418.0	-3.551e+04	-172.17	243.94	6200.50	2.017e+05	1.509e+05
162	5	1.590e+05	1.095e+05	-0.03	0.0	0.0	-2.603e+04	-102.91	59.94	4657.87	8.449e+04	1.590e+05
		1.159e+05	8.449e+04	-0.04	0.0	209.0	-2.519e+04	-102.91	59.94	4657.87	9.702e+04	1.375e+05
						418.0	-2.436e+04	-102.91	59.94	4657.87	1.095e+05	1.159e+05
162	8	1.688e+05	1.485e+05	-0.04	0.0	0.0	-2.834e+04	-125.80	169.15	4740.76	7.784e+04	1.688e+05
		1.162e+05	7.784e+04	-0.05	0.0	209.0	-2.750e+04	-125.80	169.15	4740.76	1.132e+05	1.425e+05
						418.0	-2.667e+04	-125.80	169.15	4740.76	1.485e+05	1.162e+05
162	12	1.606e+05	1.102e+05	-0.03	0.0	0.0	-2.650e+04	-107.34	61.67	4676.01	8.446e+04	1.606e+05
		1.158e+05	8.446e+04	-0.04	0.0	209.0	-2.566e+04	-107.34	61.67	4676.01	9.735e+04	1.382e+05
						418.0	-2.483e+04	-107.34	61.67	4676.01	1.102e+05	1.158e+05
162	122	1.887e+05	1.687e+05	0.05	0.0	0.0	-2.712e+04	-251.09	296.12	-6042.93	4.495e+04	1.887e+05
		8.376e+04	4.495e+04	-0.07	0.0	209.0	-2.628e+04	-251.09	296.12	-6042.93	1.068e+05	1.362e+05
						418.0	-2.545e+04	-251.09	296.12	-6042.93	1.687e+05	8.376e+04
162	132	1.727e+05	2.880e+05	-0.04	0.0	0.0	-2.778e+04	-154.36	823.63	1.008e+04	-5.624e+04	1.727e+05
		1.082e+05	-5.624e+04	-0.14	0.0	209.0	-2.695e+04	-154.36	823.63	1.008e+04	1.159e+05	1.404e+05
						418.0	-2.611e+04	-154.36	823.63	1.008e+04	2.880e+05	1.082e+05
162	133	1.563e+05	2.192e+05	-0.04	0.0	0.0	-2.644e+04	-84.09	-608.95	-1199.65	2.192e+05	1.563e+05
		1.211e+05	-3.537e+04	0.09	0.0	209.0	-2.560e+04	-84.09	-608.95	-1199.65	9.190e+04	1.387e+05
						418.0	-2.476e+04	-84.09	-608.95	-1199.65	-3.537e+04	1.211e+05
162	136	1.708e+05	2.876e+05	-0.04	0.0	0.0	-2.779e+04	-143.46	821.56	1.060e+04	-5.582e+04	1.708e+05
		1.108e+05	-5.582e+04	-0.14	0.0	209.0	-2.696e+04	-143.46	821.56	1.060e+04	1.159e+05	1.408e+05
						418.0	-2.612e+04	-143.46	821.56	1.060e+04	2.876e+05	1.108e+05
162	154	1.830e+05	1.591e+05	0.04	0.0	0.0	-2.712e+04	-220.00	253.14	-3610.39	5.327e+04	1.830e+05
		9.105e+04	5.327e+04	-0.06	0.0	209.0	-2.628e+04	-220.00	253.14	-3610.39	1.062e+05	1.370e+05
						418.0	-2.544e+04	-220.00	253.14	-3610.39	1.591e+05	9.105e+04
162	164	1.706e+05	2.514e+05	-0.04	0.0	0.0	-2.763e+04	-145.17	661.20	8862.26	-2.501e+04	1.706e+05
		1.099e+05	-2.501e+04	-0.12	0.0	209.0	-2.679e+04	-145.17	661.20	8862.26	1.132e+05	1.403e+05
						418.0	-2.596e+04	-145.17	661.20	8862.26	2.514e+05	1.099e+05
162	165	1.579e+05	1.880e+05	-0.04	0.0	0.0	-2.659e+04	-90.81	-446.99	136.20	1.880e+05	1.579e+05
		1.200e+05	1192.94	0.06	0.0	209.0	-2.575e+04	-90.81	-446.99	136.20	9.461e+04	1.389e+05

						418.0	-2.492e+04	-90.81	-446.99	136.20	1192.94	1.200e+05
162	168	1.691e+05	2.510e+05	-0.04	0.0	0.0	-2.764e+04	-136.74	659.60	9263.32	-2.469e+04	1.691e+05
		1.120e+05	-2.469e+04	-0.12	0.0	209.0	-2.680e+04	-136.74	659.60	9263.32	1.132e+05	1.406e+05
						418.0	-2.597e+04	-136.74	659.60	9263.32	2.510e+05	1.120e+05
163	3	1.911e+05	3.796e+05	0.02	0.0	0.0	-8999.79	2730.60	3362.32	-1257.18	-5.349e+05	-5.516e+05
		-5.516e+05	-5.349e+05	-0.01	0.0	136.0	-8292.59	2730.60	3362.32	-1257.18	-7.767e+04	-1.803e+05
						272.0	-7585.39	2730.60	3362.32	-1257.18	3.796e+05	1.911e+05
163	4	1.909e+05	3.890e+05	0.02	0.0	0.0	-9214.06	2732.17	3410.82	-1241.38	-5.387e+05	-5.522e+05
		-5.522e+05	-5.387e+05	-0.01	0.0	136.0	-8506.86	2732.17	3410.82	-1241.38	-7.483e+04	-1.806e+05
						272.0	-7799.66	2732.17	3410.82	-1241.38	3.890e+05	1.909e+05
163	5	1.367e+05	2.353e+05	0.02	0.0	0.0	-6348.62	2039.77	2071.77	-1692.06	-3.282e+05	-4.181e+05
		-4.181e+05	-3.282e+05	-0.01	0.0	136.0	-5804.62	2039.77	2071.77	-1692.06	-4.642e+04	-1.407e+05
						272.0	-5260.62	2039.77	2071.77	-1692.06	2.353e+05	1.367e+05
163	11	1.881e+05	3.877e+05	0.02	0.0	0.0	-9368.60	2718.61	3346.23	-1407.41	-5.224e+05	-5.514e+05
		-5.514e+05	-5.224e+05	-0.01	0.0	136.0	-8661.40	2718.61	3346.23	-1407.41	-6.736e+04	-1.816e+05
						272.0	-7954.20	2718.61	3346.23	-1407.41	3.877e+05	1.881e+05
163	121	1.380e+05	2.519e+05	0.02	0.0	0.0	-6545.15	2080.51	2275.58	-9001.10	-3.671e+05	-4.279e+05
		-4.279e+05	-3.671e+05	9.92e-03	0.0	136.0	-6001.15	2080.51	2275.58	-9001.10	-5.760e+04	-1.450e+05
						272.0	-5457.15	2080.51	2275.58	-9001.10	2.519e+05	1.380e+05
163	129	1.476e+05	2.348e+05	0.02	0.0	0.0	-6521.04	2106.55	2260.30	-3383.61	-3.800e+05	-4.254e+05
		-4.254e+05	-3.800e+05	0.02	0.0	136.0	-5977.04	2106.55	2260.30	-3383.61	-7.262e+04	-1.389e+05
						272.0	-5433.04	2106.55	2260.30	-3383.61	2.348e+05	1.476e+05
163	132	1.332e+05	2.831e+05	0.02	0.0	0.0	-6731.91	2017.91	2287.99	534.46	-3.392e+05	-4.157e+05
		-4.157e+05	-3.392e+05	-0.03	0.0	136.0	-6187.91	2017.91	2287.99	534.46	-2.804e+04	-1.412e+05
						272.0	-5643.91	2017.91	2287.99	534.46	2.831e+05	1.332e+05
163	133	1.467e+05	2.349e+05	0.02	0.0	0.0	-6518.40	2103.69	2260.51	-3584.80	-3.800e+05	-4.255e+05
		-4.255e+05	-3.800e+05	0.02	0.0	136.0	-5974.40	2103.69	2260.51	-3584.80	-7.255e+04	-1.394e+05
						272.0	-5430.40	2103.69	2260.51	-3584.80	2.349e+05	1.467e+05
163	135	1.495e+05	2.348e+05	0.02	0.0	0.0	-6550.64	2099.84	2256.87	983.41	-3.791e+05	-4.216e+05
		-4.216e+05	-3.791e+05	0.02	0.0	136.0	-6006.64	2099.84	2256.87	983.41	-7.214e+04	-1.361e+05
						272.0	-5462.64	2099.84	2256.87	983.41	2.348e+05	1.495e+05
163	136	1.341e+05	2.830e+05	0.02	0.0	0.0	-6734.55	2020.77	2287.78	735.65	-3.392e+05	-4.155e+05
		-4.155e+05	-3.392e+05	-0.03	0.0	136.0	-6190.55	2020.77	2287.78	735.65	-2.811e+04	-1.407e+05
						272.0	-5646.55	2020.77	2287.78	735.65	2.830e+05	1.341e+05
163	153	1.385e+05	2.535e+05	0.02	0.0	0.0	-6563.57	2076.37	2275.25	-7285.50	-3.654e+05	-4.263e+05
		-4.263e+05	-3.654e+05	9.38e-03	0.0	136.0	-6019.57	2076.37	2275.25	-7285.50	-5.596e+04	-1.439e+05
						272.0	-5475.57	2076.37	2275.25	-7285.50	2.535e+05	1.385e+05
163	161	1.460e+05	2.403e+05	0.02	0.0	0.0	-6544.92	2096.51	2263.44	-2940.01	-3.754e+05	-4.243e+05
		-4.243e+05	-3.754e+05	0.01	0.0	136.0	-6000.92	2096.51	2263.44	-2940.01	-6.757e+04	-1.392e+05
						272.0	-5456.92	2096.51	2263.44	-2940.01	2.403e+05	1.460e+05
163	164	1.348e+05	2.777e+05	0.02	0.0	0.0	-6708.04	2027.95	2284.86	90.86	-3.438e+05	-4.168e+05
		-4.168e+05	-3.438e+05	-0.03	0.0	136.0	-6164.04	2027.95	2284.86	90.86	-3.309e+04	-1.410e+05
						272.0	-5620.04	2027.95	2284.86	90.86	2.777e+05	1.348e+05
163	165	1.453e+05	2.403e+05	0.02	0.0	0.0	-6542.87	2094.30	2263.60	-3095.65	-3.754e+05	-4.244e+05
		-4.244e+05	-3.754e+05	0.01	0.0	136.0	-5998.87	2094.30	2263.60	-3095.65	-6.752e+04	-1.396e+05
						272.0	-5454.87	2094.30	2263.60	-3095.65	2.403e+05	1.453e+05
163	167	1.475e+05	2.403e+05	0.02	0.0	0.0	-6567.81	2091.32	2260.78	438.16	-3.747e+05	-4.214e+05
		-4.214e+05	-3.747e+05	0.01	0.0	136.0	-6023.81	2091.32	2260.78	438.16	-6.720e+04	-1.370e+05
						272.0	-5479.81	2091.32	2260.78	438.16	2.403e+05	1.475e+05
163	168	1.355e+05	2.776e+05	0.02	0.0	0.0	-6710.08	2030.16	2284.70	246.50	-3.439e+05	-4.167e+05
		-4.167e+05	-3.439e+05	-0.03	0.0	136.0	-6166.08	2030.16	2284.70	246.50	-3.314e+04	-1.406e+05
						272.0	-5622.08	2030.16	2284.70	246.50	2.776e+05	1.355e+05
164	4	1.295e+04	1.941e+05	-3.62e-03	0.0	0.0	-1.131e+04	-33.92	-1514.56	-1185.24	1.941e+05	1.295e+04
		3722.01	-2.179e+05	-0.02	0.0	136.0	-1.060e+04	-33.92	-1514.56	-1185.24	-1.193e+04	8335.05
						272.0	-9896.19	-33.92	-1514.56	-1185.24	-2.179e+05	3722.01
164	5	9690.45	1.216e+05	3.54e-03	0.0	0.0	-7792.53	-30.35	-950.76	-803.04	1.216e+05	9690.45
		1436.21	-1.370e+05	-0.02	0.0	136.0	-7248.53	-30.35	-950.76	-803.04	-7745.13	5563.33
						272.0	-6704.53	-30.35	-950.76	-803.04	-1.370e+05	1436.21
164	7	9014.99	1.420e+05	-2.46e-03	0.0	0.0	-7641.15	-25.70	-1110.33	-590.31	1.420e+05	9014.99
		2025.09	-1.600e+05	-0.02	0.0	136.0	-7097.15	-25.70	-1110.33	-590.31	-8965.80	5520.04
						272.0	-6553.15	-25.70	-1110.33	-590.31	-1.600e+05	2025.09
164	9	1.406e+04	1.753e+05	2.64e-03	0.0	0.0	-1.192e+04	-39.03	-1367.73	-1549.30	1.753e+05	1.406e+04
		3449.13	-1.967e+05	-0.02	0.0	136.0	-1.121e+04	-39.03	-1367.73	-1549.30	-1.072e+04	8756.81
						272.0	-1.050e+04	-39.03	-1367.73	-1549.30	-1.967e+05	3449.13
164	126	-5165.19	1.257e+05	0.06	0.0	0.0	-8127.45	-31.31	-975.74	-6297.93	1.257e+05	-5165.19
		-1.368e+04	-1.397e+05	-0.02	0.0	136.0	-7583.45	-31.31	-975.74	-6297.93	-6986.47	-9422.77
						272.0	-7039.45	-31.31	-975.74	-6297.93	-1.397e+05	-1.368e+04
164	127	2.478e+04	1.376e+05	-0.05	0.0	0.0	-8158.23	-26.36	-1082.01	4600.69	1.376e+05	2.478e+04
		1.761e+04	-1.567e+05	-0.01	0.0	136.0	-7614.23	-26.36	-1082.01	4600.69	-9540.49	2.120e+04
						272.0	-7070.23	-26.36	-1082.01	4600.69	-1.567e+05	1.761e+04
164	129	6641.85	1.811e+05	0.02	0.0	0.0	-8201.85	-31.32	-1454.33	-3837.77	1.811e+05	6641.85
		-1878.18	-2.145e+05	7.38e-03	0.0	136.0	-7657.85	-31.32	-1454.33	-3837.77	-1.667e+04	2381.83
						272.0	-7113.85	-31.32	-1454.33	-3837.77	-2.145e+05	-1878.18
164	134	4896.73	8.459e+04	0.02	0.0	0.0	-8082.15	-29.24	-622.86	-1698.80	8.459e+04	4896.73
		-3056.34	-8.483e+04	-0.03	0.0	136.0	-7538.15	-29.24	-622.86	-1698.80	-117.32	920.19
						272.0	-6994.15	-29.24	-622.86	-1698.80	-8.483e+04	-3056.34
164	135	1.472e+04	1.787e+05	-0.02	0.0	0.0	-8203.53	-28.43	-1434.89	1.56	1.787e+05	1.472e+04

		6990.44	-2.116e+05	6.91e-03	0.0	136.0	-7659.53	-28.43	-1434.89	1.56	-1.641e+04	1.086e+04
						272.0	-7115.53	-28.43	-1434.89	1.56	-2.116e+05	6990.44
164	158	-1774.32	1.271e+05	0.04	0.0	0.0	-8130.93	-30.75	-987.77	-5064.01	1.271e+05	-1774.32
		-1.014e+04	-1.416e+05	-0.02	0.0	136.0	-7586.93	-30.75	-987.77	-5064.01	-7275.63	-5955.76
						272.0	-7042.93	-30.75	-987.77	-5064.01	-1.416e+05	-1.014e+04
164	159	2.139e+04	1.363e+05	-0.04	0.0	0.0	-8154.75	-26.92	-1069.98	3366.77	1.363e+05	2.139e+04
		1.407e+04	-1.548e+05	-0.01	0.0	136.0	-7610.75	-26.92	-1069.98	3366.77	-9251.33	1.773e+04
						272.0	-7066.75	-26.92	-1069.98	3366.77	-1.548e+05	1.407e+04
164	161	7359.17	1.699e+05	0.01	0.0	0.0	-8188.49	-30.76	-1357.99	-3160.92	1.699e+05	7359.17
		-1007.48	-1.995e+05	3.71e-03	0.0	136.0	-7644.49	-30.76	-1357.99	-3160.92	-1.477e+04	3175.85
						272.0	-7100.49	-30.76	-1357.99	-3160.92	-1.995e+05	-1007.48
164	166	6009.21	9.525e+04	0.01	0.0	0.0	-8095.89	-29.15	-714.80	-1506.29	9.525e+04	6009.21
		-1918.86	-9.917e+04	-0.03	0.0	136.0	-7551.89	-29.15	-714.80	-1506.29	-1961.91	2045.18
						272.0	-7007.89	-29.15	-714.80	-1506.29	-9.917e+04	-1918.86
164	167	1.361e+04	1.681e+05	-0.01	0.0	0.0	-8189.79	-28.52	-1342.96	-190.95	1.681e+05	1.361e+04
		5852.96	-1.972e+05	3.34e-03	0.0	136.0	-7645.79	-28.52	-1342.96	-190.95	-1.457e+04	9731.60
						272.0	-7101.79	-28.52	-1342.96	-190.95	-1.972e+05	5852.96
168	4	-3.576e+04	1.182e+05	-0.02	0.0	0.0	-5.022e+04	-115.08	509.61	9074.39	-9.480e+04	-3.576e+04
		-8.387e+04	-9.480e+04	-0.01	0.0	209.0	-4.914e+04	-115.08	509.61	9074.39	1.171e+04	-5.982e+04
						418.0	-4.805e+04	-115.08	509.61	9074.39	1.182e+05	-8.387e+04
168	5	-1.030e+04	2.294e+04	0.01	0.0	0.0	-3.383e+04	-215.23	81.71	6042.79	-1.121e+04	-1.030e+04
		-1.003e+05	-1.121e+04	-0.01	0.0	209.0	-3.300e+04	-215.23	81.71	6042.79	5863.81	-5.528e+04
						418.0	-3.216e+04	-215.23	81.71	6042.79	2.294e+04	-1.003e+05
168	9	-2.088e+04	6.192e+04	0.01	0.0	0.0	-4.732e+04	-225.48	253.32	8427.84	-4.397e+04	-2.088e+04
		-1.151e+05	-4.397e+04	-0.01	0.0	209.0	-4.623e+04	-225.48	253.32	8427.84	8977.99	-6.800e+04
						418.0	-4.515e+04	-225.48	253.32	8427.84	6.192e+04	-1.151e+05
168	12	-1.029e+04	2.451e+04	0.01	0.0	0.0	-3.465e+04	-215.76	89.28	6150.36	-1.281e+04	-1.029e+04
		-1.005e+05	-1.281e+04	-0.01	0.0	209.0	-3.381e+04	-215.76	89.28	6150.36	5850.60	-5.539e+04
						418.0	-3.298e+04	-215.76	89.28	6150.36	2.451e+04	-1.005e+05
168	122	-4904.36	8.267e+04	0.04	0.0	0.0	-3.575e+04	-294.26	355.88	1.145e+04	-6.609e+04	-4904.36
		-1.279e+05	-6.609e+04	-0.03	0.0	209.0	-3.491e+04	-294.26	355.88	1.145e+04	8287.09	-6.641e+04
						418.0	-3.408e+04	-294.26	355.88	1.145e+04	8.267e+04	-1.279e+05
168	132	-1.549e+04	1.607e+05	0.01	0.0	0.0	-3.607e+04	-180.67	710.99	1.090e+04	-1.365e+05	-1.549e+04
		-9.101e+04	-1.365e+05	-0.09	0.0	209.0	-3.523e+04	-180.67	710.99	1.090e+04	1.208e+04	-5.325e+04
						418.0	-3.439e+04	-180.67	710.99	1.090e+04	1.607e+05	-9.101e+04
168	134	-1.003e+04	1.602e+05	0.02	0.0	0.0	-3.607e+04	-239.54	709.52	1.277e+04	-1.364e+05	-1.003e+04
		-1.102e+05	-1.364e+05	-0.09	0.0	209.0	-3.523e+04	-239.54	709.52	1.277e+04	1.192e+04	-6.009e+04
						418.0	-3.440e+04	-239.54	709.52	1.277e+04	1.602e+05	-1.102e+05
168	135	-2.304e+04	6.912e+04	-0.03	0.0	0.0	-3.512e+04	-99.17	-320.75	-2.01	6.912e+04	-2.304e+04
		-6.449e+04	-6.495e+04	0.07	0.0	209.0	-3.428e+04	-99.17	-320.75	-2.01	2084.72	-4.376e+04
						418.0	-3.344e+04	-99.17	-320.75	-2.01	-6.495e+04	-6.449e+04
168	154	-7537.65	7.473e+04	0.03	0.0	0.0	-3.571e+04	-265.98	319.31	1.030e+04	-5.874e+04	-7537.65
		-1.187e+05	-5.874e+04	-0.03	0.0	209.0	-3.488e+04	-265.98	319.31	1.030e+04	7996.59	-6.313e+04
						418.0	-3.404e+04	-265.98	319.31	1.030e+04	7.473e+04	-1.187e+05
168	164	-1.573e+04	1.351e+05	0.01	0.0	0.0	-3.596e+04	-178.11	594.01	9876.59	-1.132e+05	-1.573e+04
		-9.018e+04	-1.132e+05	-0.07	0.0	209.0	-3.512e+04	-178.11	594.01	9876.59	1.093e+04	-5.295e+04
						418.0	-3.429e+04	-178.11	594.01	9876.59	1.351e+05	-9.018e+04
168	166	-1.150e+04	1.347e+05	0.02	0.0	0.0	-3.596e+04	-223.65	592.88	1.133e+04	-1.131e+05	-1.150e+04
		-1.050e+05	-1.131e+05	-0.07	0.0	209.0	-3.513e+04	-223.65	592.88	1.133e+04	1.081e+04	-5.824e+04
						418.0	-3.429e+04	-223.65	592.88	1.133e+04	1.347e+05	-1.050e+05
168	167	-2.157e+04	4.586e+04	-0.02	0.0	0.0	-3.522e+04	-115.06	-204.10	1444.22	4.586e+04	-2.157e+04
		-6.966e+04	-3.946e+04	0.06	0.0	209.0	-3.439e+04	-115.06	-204.10	1444.22	3198.67	-4.561e+04
						418.0	-3.355e+04	-115.06	-204.10	1444.22	-3.946e+04	-6.966e+04
169	1	1.910e+05	1.647e+05	-0.02	0.0	0.0	-1.235e+04	-886.50	1007.70	1.298e+04	-1.094e+05	1.910e+05
		-5.017e+04	-1.094e+05	-3.87e-03	0.0	136.0	-1.165e+04	-886.50	1007.70	1.298e+04	2.762e+04	7.040e+04
						272.0	-1.094e+04	-886.50	1007.70	1.298e+04	1.647e+05	-5.017e+04
169	4	1.510e+05	1.971e+05	-0.02	0.0	0.0	-1.286e+04	-641.17	1338.21	1.394e+04	-1.669e+05	1.510e+05
		-2.339e+04	-1.669e+05	5.89e-03	0.0	136.0	-1.215e+04	-641.17	1338.21	1.394e+04	1.506e+04	6.381e+04
						272.0	-1.144e+04	-641.17	1338.21	1.394e+04	1.971e+05	-2.339e+04
169	5	1.650e+05	1.007e+05	-0.01	0.0	0.0	-8842.13	-808.72	580.48	9338.52	-5.716e+04	1.650e+05
		-5.496e+04	-5.716e+04	-4.42e-03	0.0	136.0	-8298.13	-808.72	580.48	9338.52	2.179e+04	5.502e+04
						272.0	-7754.13	-808.72	580.48	9338.52	1.007e+05	-5.496e+04
169	11	1.602e+05	2.016e+05	-0.02	0.0	0.0	-1.320e+04	-680.62	1309.68	1.394e+04	-1.546e+05	1.602e+05
		-2.497e+04	-1.546e+05	5.44e-03	0.0	136.0	-1.250e+04	-680.62	1309.68	1.394e+04	2.348e+04	6.760e+04
						272.0	-1.179e+04	-680.62	1309.68	1.394e+04	2.016e+05	-2.497e+04
169	122	1.761e+05	1.274e+05	-8.63e-03	0.0	0.0	-9269.76	-928.41	774.78	1.051e+04	-8.337e+04	1.761e+05
		-7.641e+04	-8.337e+04	-8.22e-03	0.0	136.0	-8725.76	-928.41	774.78	1.051e+04	2.200e+04	4.985e+04
						272.0	-8181.76	-928.41	774.78	1.051e+04	1.274e+05	-7.641e+04
169	134	1.673e+05	1.435e+05	-0.01	0.0	0.0	-9313.13	-853.87	834.75	1.166e+04	-8.353e+04	1.673e+05
		-6.492e+04	-8.353e+04	-0.02	0.0	136.0	-8769.13	-853.87	834.75	1.166e+04	3.000e+04	5.121e+04
						272.0	-8225.13	-853.87	834.75	1.166e+04	1.435e+05	-6.492e+04
169	135	1.271e+05	9.583e+04	-0.02	0.0	0.0	-9166.88	-532.61	656.75	8048.85	-8.281e+04	1.271e+05
		-1.778e+04	-8.281e+04	0.02	0.0	136.0	-8622.88	-532.61	656.75	8048.85	6506.87	5.466e+04
						272.0	-8078.88	-532.61	656.75	8048.85	9.583e+04	-1.778e+04
169	141	1.443e+05	1.004e+05	-0.01	0.0	0.0	-9188.46	-672.96	677.36	9544.51	-8.381e+04	1.443e+05
		-3.873e+04	-8.381e+04	0.02	0.0	136.0	-8644.46	-672.96	677.36	9544.51	8315.32	5.279e+04
						272.0	-8100.46	-672.96	677.36	9544.51	1.004e+05	-3.873e+04

169	154	1.696e+05	1.256e+05	-9.42e-03	0.0	0.0	-9263.02	-875.16	768.21	1.036e+04	-8.333e+04	1.696e+05
		-6.847e+04	-8.333e+04	-7.01e-03	0.0	136.0	-8719.02	-875.16	768.21	1.036e+04	2.115e+04	5.055e+04
						272.0	-8175.02	-875.16	768.21	1.036e+04	1.256e+05	-6.847e+04
169	166	1.628e+05	1.381e+05	-0.01	0.0	0.0	-9296.57	-817.50	814.59	1.125e+04	-8.345e+04	1.628e+05
		-5.958e+04	-8.345e+04	-0.02	0.0	136.0	-8752.57	-817.50	814.59	1.125e+04	2.734e+04	5.160e+04
						272.0	-8208.57	-817.50	814.59	1.125e+04	1.381e+05	-5.958e+04
169	167	1.316e+05	1.012e+05	-0.02	0.0	0.0	-9183.44	-568.98	676.91	8457.57	-8.289e+04	1.316e+05
		-2.311e+04	-8.289e+04	0.02	0.0	136.0	-8639.44	-568.98	676.91	8457.57	9166.45	5.427e+04
						272.0	-8095.44	-568.98	676.91	8457.57	1.012e+05	-2.311e+04
169	173	1.450e+05	1.048e+05	-0.01	0.0	0.0	-9200.13	-677.55	692.85	9614.55	-8.366e+04	1.450e+05
		-3.932e+04	-8.366e+04	0.01	0.0	136.0	-8656.13	-677.55	692.85	9614.55	1.057e+04	5.282e+04
						272.0	-8112.13	-677.55	692.85	9614.55	1.048e+05	-3.932e+04
175	4	3.120e+04	7370.79	-0.02	0.0	0.0	-3.692e+04	-122.92	29.15	-876.93	-4873.74	3.120e+04
		-2.018e+04	-4873.74	-5.35e-03	0.29	209.0	-3.631e+04	-122.92	29.29	-876.93	1233.24	5508.09
						418.0	-3.570e+04	-122.92	29.44	-876.93	7370.79	-2.018e+04
175	5	2.520e+04	1599.75	-7.97e-03	0.0	0.0	-2.462e+04	-100.68	4.89	-74.05	-490.28	2.520e+04
		-1.688e+04	-490.28	-4.75e-03	0.22	209.0	-2.415e+04	-100.68	5.00	-74.05	542.98	4161.37
						418.0	-2.368e+04	-100.68	5.11	-74.05	1599.75	-1.688e+04
175	9	3.258e+04	4307.22	-0.01	0.0	0.0	-3.469e+04	-129.71	16.13	-426.34	-2495.84	3.258e+04
		-2.164e+04	-2495.84	-6.04e-03	0.29	209.0	-3.408e+04	-129.71	16.28	-426.34	890.41	5472.39
						418.0	-3.347e+04	-129.71	16.42	-426.34	4307.22	-2.164e+04
175	121	4.936e+04	1700.32	0.02	0.0	0.0	-2.587e+04	-216.35	7.12	-2495.06	-1324.43	4.936e+04
		-4.107e+04	-1324.43	5.76e-03	0.22	209.0	-2.540e+04	-216.35	7.24	-2495.06	176.19	4145.43
						418.0	-2.493e+04	-216.35	7.35	-2495.06	1700.32	-4.107e+04
175	122	5.275e+04	1.064e+04	0.02	0.0	0.0	-2.592e+04	-232.76	48.22	573.23	-9561.08	5.275e+04
		-4.454e+04	-9561.08	-0.03	0.22	209.0	-2.545e+04	-232.76	48.33	573.23	528.80	4104.25
						418.0	-2.498e+04	-232.76	48.45	573.23	1.064e+04	-4.454e+04
175	124	8267.85	4464.32	-0.04	0.0	0.0	-2.615e+04	19.30	15.42	1909.83	-2029.14	198.93
		198.93	-2029.14	-0.01	0.22	209.0	-2.568e+04	19.30	15.53	1909.83	1205.83	4233.39
						418.0	-2.521e+04	19.30	15.65	1909.83	4464.32	8267.85
175	134	3.831e+04	1.891e+04	6.60e-03	0.0	0.0	-2.606e+04	-163.70	84.69	4620.72	-1.653e+04	3.831e+04
		-3.011e+04	-1.653e+04	-0.06	0.22	209.0	-2.559e+04	-163.70	84.80	4620.72	1177.14	4101.41
						418.0	-2.512e+04	-163.70	84.91	4620.72	1.891e+04	-3.011e+04
175	153	4.380e+04	2013.26	0.01	0.0	0.0	-2.590e+04	-189.67	8.06	-1996.35	-1404.22	4.380e+04
		-3.548e+04	-1404.22	3.47e-03	0.22	209.0	-2.543e+04	-189.67	8.18	-1996.35	292.76	4155.38
						418.0	-2.496e+04	-189.67	8.29	-1996.35	2013.26	-3.548e+04
175	154	4.642e+04	8930.36	0.02	0.0	0.0	-2.594e+04	-202.37	39.85	377.17	-7775.79	4.642e+04
		-3.817e+04	-7775.79	-0.02	0.22	209.0	-2.547e+04	-202.37	39.97	377.17	565.53	4123.53
						418.0	-2.500e+04	-202.37	40.08	377.17	8930.36	-3.817e+04
175	156	5765.07	4151.38	-0.03	0.0	0.0	-2.612e+04	-7.38	14.48	1411.11	-1949.36	5765.07
		2681.79	-1949.36	-0.01	0.22	209.0	-2.565e+04	-7.38	14.60	1411.11	1089.26	4223.43
						418.0	-2.518e+04	-7.38	14.71	1411.11	4151.38	2681.79
175	166	3.525e+04	1.533e+04	-6.52e-03	0.0	0.0	-2.605e+04	-148.94	68.06	3508.16	-1.317e+04	3.525e+04
		-2.701e+04	-1.317e+04	-0.05	0.22	209.0	-2.558e+04	-148.94	68.18	3508.16	1067.06	4121.34
						418.0	-2.511e+04	-148.94	68.29	3508.16	1.533e+04	-2.701e+04
176	3	1.280e+04	6783.90	-0.02	0.0	0.0	-9172.58	-146.40	27.90	-2153.20	-805.88	1.280e+04
		-2.702e+04	-805.88	6.81e-03	0.0	136.0	-8774.78	-146.40	27.90	-2153.20	2989.01	-7114.30
						272.0	-8376.98	-146.40	27.90	-2153.20	6783.90	-2.702e+04
176	7	9837.78	4167.11	-0.02	0.0	0.0	-6510.71	-112.80	17.44	-1426.38	-576.83	9837.78
		-2.084e+04	-576.83	4.09e-03	0.0	136.0	-6204.71	-112.80	17.44	-1426.38	1795.14	-5503.00
						272.0	-5898.71	-112.80	17.44	-1426.38	4167.11	-2.084e+04
176	9	1.197e+04	7995.12	-0.02	0.0	0.0	-9987.18	-140.66	22.13	-1670.99	1974.81	1.197e+04
		-2.629e+04	1974.81	6.54e-03	0.0	136.0	-9589.38	-140.66	22.13	-1670.99	4984.97	-7163.43
						272.0	-9191.58	-140.66	22.13	-1670.99	7995.12	-2.629e+04
176	11	1.243e+04	8056.03	-0.02	0.0	0.0	-9908.12	-143.72	28.49	-2123.16	305.58	1.243e+04
		-2.666e+04	305.58	7.52e-03	0.0	136.0	-9510.32	-143.72	28.49	-2123.16	4180.80	-7112.61
						272.0	-9112.52	-143.72	28.49	-2123.16	8056.03	-2.666e+04
176	121	2.668e+04	4124.36	-5.79e-03	0.0	0.0	-6822.18	-240.66	13.27	-1330.46	514.92	2.668e+04
		-3.878e+04	514.92	7.81e-03	0.0	136.0	-6516.18	-240.66	13.27	-1330.46	2319.64	-6054.10
						272.0	-6210.18	-240.66	13.27	-1330.46	4124.36	-3.878e+04
176	122	2.929e+04	4857.67	-4.44e-03	0.0	0.0	-6850.02	-260.00	3.26	-684.42	3971.68	2.929e+04
		-4.143e+04	3971.68	-2.43e-03	0.0	136.0	-6544.02	-260.00	3.26	-684.42	4414.68	-6070.06
						272.0	-6238.02	-260.00	3.26	-684.42	4857.67	-4.143e+04
176	124	-2139.62	5281.75	-0.02	0.0	0.0	-6966.70	21.14	13.99	-917.19	1476.05	-7889.74
		-7889.74	1476.05	-1.52e-03	0.0	136.0	-6660.70	21.14	13.99	-917.19	3378.90	-5014.68
						272.0	-6354.70	21.14	13.99	-917.19	5281.75	-2139.62
176	134	1.933e+04	7131.10	-9.07e-03	0.0	0.0	-6923.34	-184.16	-4.67	-12.17	7131.10	1.933e+04
		-3.076e+04	5861.63	-0.01	0.0	136.0	-6617.34	-184.16	-4.67	-12.17	6496.37	-5719.30
						272.0	-6311.34	-184.16	-4.67	-12.17	5861.63	-3.076e+04
176	135	-539.81	3544.48	-0.02	0.0	0.0	-6865.53	-35.37	31.93	-2235.48	-5140.14	-539.81
		-1.016e+04	-5140.14	0.02	0.0	136.0	-6559.53	-35.37	31.93	-2235.48	-797.83	-5349.48
						272.0	-6253.53	-35.37	31.93	-2235.48	3544.48	-1.016e+04
176	153	2.276e+04	4255.40	-7.64e-03	0.0	0.0	-6838.54	-211.02	13.35	-1283.67	623.73	2.276e+04
		-3.464e+04	623.73	6.90e-03	0.0	136.0	-6532.54	-211.02	13.35	-1283.67	2439.57	-5936.42
						272.0	-6226.54	-211.02	13.35	-1283.67	4255.40	-3.464e+04
176	154	2.478e+04	4822.66	-6.60e-03	0.0	0.0	-6860.08	-225.98	5.61	-783.92	3297.76	2.478e+04
		-3.668e+04	3297.76	-1.70e-03	0.0	136.0	-6554.08	-225.98	5.61	-783.92	4060.21	-5948.77

						272.0	-6248.08	-225.98	5.61	-783.92	4822.66	-3.668e+04
176	156	-3976.29	5150.71	-0.02	0.0	0.0	-6950.34	-8.50	13.91	-963.98	1367.23	-3976.29
		-6288.43	1367.23	-1.01e-03	0.0	136.0	-6644.34	-8.50	13.91	-963.98	3258.97	-5132.36
						272.0	-6338.34	-8.50	13.91	-963.98	5150.71	-6288.43
176	166	1.708e+04	5741.77	-0.01	0.0	0.0	-6916.80	-167.31	-0.52	-263.89	5741.77	1.708e+04
		-2.843e+04	5599.29	-7.85e-03	0.0	136.0	-6610.80	-167.31	-0.52	-263.89	5670.53	-5677.43
						272.0	-6304.80	-167.31	-0.52	-263.89	5599.29	-2.843e+04
176	167	1709.35	3806.82	-0.02	0.0	0.0	-6872.08	-52.21	27.79	-1983.76	-3750.81	1709.35
		-1.249e+04	-3750.81	0.02	0.0	136.0	-6566.08	-52.21	27.79	-1983.76	28.01	-5391.35
						272.0	-6260.08	-52.21	27.79	-1983.76	3806.82	-1.249e+04
177	1	-2.326e+04	1.417e+04	0.09	0.0	0.0	-4034.66	-675.64	-70.58	145.12	1.417e+04	-2.326e+04
		-1.881e+05	-1.533e+04	-8.16e-03	0.0	209.0	-3423.34	-675.64	-70.58	145.12	-579.12	-1.057e+05
						418.0	-2812.01	-675.64	-70.58	145.12	-1.533e+04	-1.881e+05
177	3	-2.728e+04	8605.86	0.10	0.0	0.0	-4105.65	-730.00	-71.05	145.83	8605.86	-2.728e+04
		-2.047e+05	-2.109e+04	-0.01	0.0	209.0	-3494.32	-730.00	-71.05	145.83	-6243.74	-1.160e+05
						418.0	-2883.00	-730.00	-71.05	145.83	-2.109e+04	-2.047e+05
177	4	-2.731e+04	8072.98	0.10	0.0	0.0	-4197.55	-729.29	-71.27	107.91	8072.98	-2.731e+04
		-2.047e+05	-2.172e+04	-0.01	0.0	209.0	-3586.23	-729.29	-71.27	107.91	-6822.48	-1.160e+05
						418.0	-2974.90	-729.29	-71.27	107.91	-2.172e+04	-2.047e+05
177	5	-1.626e+04	1.389e+04	0.07	0.0	0.0	-2924.22	-499.74	-53.67	178.38	1.389e+04	-1.626e+04
		-1.382e+05	-8542.14	-5.24e-03	0.0	209.0	-2453.97	-499.74	-53.67	178.38	2675.52	-7.724e+04
						418.0	-1983.72	-499.74	-53.67	178.38	-8542.14	-1.382e+05
177	11	-2.614e+04	9209.78	0.10	0.0	0.0	-4268.16	-712.28	-71.35	69.77	9209.78	-2.614e+04
		-1.997e+05	-2.061e+04	-0.01	0.0	209.0	-3656.83	-712.28	-71.35	69.77	-5701.84	-1.129e+05
						418.0	-3045.51	-712.28	-71.35	69.77	-2.061e+04	-1.997e+05
177	122	-9511.17	3625.85	0.10	0.0	0.0	-2578.73	-806.41	-52.99	5441.65	3625.85	-9511.17
		-1.861e+05	-1.852e+04	-7.79e-03	0.0	209.0	-2108.48	-806.41	-52.99	5441.65	-7448.81	-9.778e+04
						418.0	-1638.23	-806.41	-52.99	5441.65	-1.852e+04	-1.861e+05
177	125	-9138.94	5636.25	0.10	0.0	0.0	-2350.59	-768.56	-55.33	3947.82	5636.25	-9138.94
		-1.787e+05	-1.749e+04	4.02e-03	0.0	209.0	-1880.34	-768.56	-55.33	3947.82	-5927.74	-9.392e+04
						418.0	-1410.09	-768.56	-55.33	3947.82	-1.749e+04	-1.787e+05
177	126	-9610.55	3481.27	0.10	0.0	0.0	-2599.27	-801.92	-52.73	5325.62	3481.27	-9610.55
		-1.854e+05	-1.856e+04	-8.04e-03	0.0	209.0	-2129.02	-801.92	-52.73	5325.62	-7538.93	-9.750e+04
						418.0	-1658.77	-801.92	-52.73	5325.62	-1.856e+04	-1.854e+05
177	127	-2.636e+04	1.870e+04	-0.05	0.0	0.0	-3480.33	-241.89	-55.50	-5044.03	1.870e+04	-2.636e+04
		-1.050e+05	-4504.43	-9.19e-03	0.0	209.0	-3010.08	-241.89	-55.50	-5044.03	7096.04	-6.569e+04
						418.0	-2539.83	-241.89	-55.50	-5044.03	-4504.43	-1.050e+05
177	128	-2.683e+04	1.654e+04	0.05	0.0	0.0	-3729.00	-275.25	-52.90	-3666.24	1.654e+04	-2.683e+04
		-1.117e+05	-5571.85	-9.70e-03	0.0	209.0	-3258.75	-275.25	-52.90	-3666.24	5484.84	-6.926e+04
						418.0	-2788.50	-275.25	-52.90	-3666.24	-5571.85	-1.117e+05
177	154	-1.143e+04	5315.76	0.10	0.0	0.0	-2683.13	-741.99	-53.24	4241.34	5315.76	-1.143e+04
		-1.768e+05	-1.694e+04	-7.42e-03	0.0	209.0	-2212.88	-741.99	-53.24	4241.34	-5812.26	-9.412e+04
						418.0	-1742.63	-741.99	-53.24	4241.34	-1.694e+04	-1.768e+05
177	157	-1.114e+04	6870.93	0.09	0.0	0.0	-2506.66	-712.71	-55.06	3085.77	6870.93	-1.114e+04
		-1.711e+05	-1.614e+04	-4.35e-03	0.0	209.0	-2036.41	-712.71	-55.06	3085.77	-4635.62	-9.113e+04
						418.0	-1566.16	-712.71	-55.06	3085.77	-1.614e+04	-1.711e+05
177	158	-1.151e+04	5203.92	0.10	0.0	0.0	-2699.02	-738.52	-53.04	4151.58	5203.92	-1.151e+04
		-1.763e+05	-1.697e+04	-7.61e-03	0.0	209.0	-2228.77	-738.52	-53.04	4151.58	-5881.99	-9.390e+04
						418.0	-1758.52	-738.52	-53.04	4151.58	-1.697e+04	-1.763e+05
177	159	-2.446e+04	1.697e+04	0.05	0.0	0.0	-3380.57	-305.30	-55.19	-3869.99	1.697e+04	-2.446e+04
		-1.141e+05	-6095.68	-7.76e-03	0.0	209.0	-2910.32	-305.30	-55.19	-3869.99	5439.09	-6.929e+04
						418.0	-2440.07	-305.30	-55.19	-3869.99	-6095.68	-1.141e+05
177	160	-2.483e+04	1.531e+04	0.05	0.0	0.0	-3572.94	-331.11	-53.18	-2804.18	1.531e+04	-2.483e+04
		-1.193e+05	-6921.40	-8.15e-03	0.0	209.0	-3102.69	-331.11	-53.18	-2804.18	4192.73	-7.206e+04
						418.0	-2632.44	-331.11	-53.18	-2804.18	-6921.40	-1.193e+05
178	4	2.185e+05	2.302e+04	-0.03	0.0	0.0	-1906.51	-1816.08	-43.70	1477.70	2.302e+04	2.185e+05
		-1.660e+05	1.113e+04	-8.32e-03	0.0	136.0	-1508.71	-1816.08	-43.70	1477.70	1.707e+04	2.622e+04
						272.0	-1110.91	-1816.08	-43.70	1477.70	1.113e+04	-1.660e+05
178	5	1.446e+05	1.355e+04	-0.02	0.0	0.0	-1476.30	-1207.56	-30.56	1000.13	1.355e+04	1.446e+05
		-1.125e+05	5240.50	-4.02e-03	0.0	136.0	-1170.30	-1207.56	-30.56	1000.13	9396.71	1.605e+04
						272.0	-864.30	-1207.56	-30.56	1000.13	5240.50	-1.125e+05
178	7	1.638e+05	1.511e+04	-0.02	0.0	0.0	-1344.50	-1335.61	-31.81	1172.41	1.511e+04	1.638e+05
		-1.187e+05	6462.08	-5.30e-03	0.0	136.0	-1038.50	-1335.61	-31.81	1172.41	1.079e+04	2.257e+04
						272.0	-732.50	-1335.61	-31.81	1172.41	6462.08	-1.187e+05
178	9	1.997e+05	2.243e+04	-0.02	0.0	0.0	-2099.35	-1705.40	-43.05	1280.58	2.243e+04	1.997e+05
		-1.632e+05	1.072e+04	-7.43e-03	0.0	136.0	-1701.55	-1705.40	-43.05	1280.58	1.657e+04	1.824e+04
						272.0	-1303.75	-1705.40	-43.05	1280.58	1.072e+04	-1.632e+05
178	11	2.132e+05	2.352e+04	-0.02	0.0	0.0	-2007.09	-1795.03	-43.93	1401.17	2.352e+04	2.132e+05
		-1.676e+05	1.157e+04	-8.32e-03	0.0	136.0	-1609.29	-1795.03	-43.93	1401.17	1.755e+04	2.281e+04
						272.0	-1211.49	-1795.03	-43.93	1401.17	1.157e+04	-1.676e+05
178	122	1.409e+05	1.440e+04	-8.55e-03	0.0	0.0	-1574.61	-1339.18	-31.82	1366.98	1.440e+04	1.409e+05
		-1.426e+05	5746.39	-5.41e-03	0.0	136.0	-1268.61	-1339.18	-31.82	1366.98	1.007e+04	-839.34
						272.0	-962.61	-1339.18	-31.82	1366.98	5746.39	-1.426e+05
178	123	1.653e+05	1.582e+04	-0.03	0.0	0.0	-1375.79	-1214.83	-31.64	728.36	1.582e+04	1.653e+05
		-9.373e+04	7213.10	-4.39e-03	0.0	136.0	-1069.79	-1214.83	-31.64	728.36	1.152e+04	3.579e+04
						272.0	-763.79	-1214.83	-31.64	728.36	7213.10	-9.373e+04
178	132	1.481e+05	1.336e+04	-0.02	0.0	0.0	-1863.73	-1299.73	-35.04	3747.19	1.336e+04	1.481e+05

	-1.238e+05	3825.10	-7.09e-03	0.0	136.0	-1557.73	-1299.73	-35.04	3747.19	8590.16	1.214e+04	
					272.0	-1251.73	-1299.73	-35.04	3747.19	3825.10	-1.238e+05	
178	135 1.629e+05	1.692e+04	-0.02	0.0	0.0	-1097.09	-1226.19	-28.80	-1399.47	1.692e+04	1.629e+05	
	-1.016e+05	9081.99	4.62e-03	0.0	136.0	-791.09	-1226.19	-28.80	-1399.47	1.300e+04	3.069e+04	
					272.0	-485.09	-1226.19	-28.80	-1399.47	9081.99	-1.016e+05	
178	137 1.573e+05	1.635e+04	-0.02	0.0	0.0	-1036.98	-1262.06	-30.93	-1310.88	1.635e+04	1.573e+05	
	-1.144e+05	7934.29	5.45e-03	0.0	136.0	-730.98	-1262.06	-30.93	-1310.88	1.214e+04	2.143e+04	
					272.0	-424.98	-1262.06	-30.93	-1310.88	7934.29	-1.144e+05	
178	140 1.490e+05	1.387e+04	-0.02	0.0	0.0	-1913.41	-1291.96	-32.52	3406.23	1.387e+04	1.490e+05	
	-1.219e+05	5025.20	-7.93e-03	0.0	136.0	-1607.41	-1291.96	-32.52	3406.23	9448.64	1.352e+04	
					272.0	-1301.41	-1291.96	-32.52	3406.23	5025.20	-1.219e+05	
178	154 1.437e+05	1.456e+04	-0.01	0.0	0.0	-1552.10	-1325.10	-31.80	1294.68	1.456e+04	1.437e+05	
	-1.371e+05	5912.45	-5.30e-03	0.0	136.0	-1246.10	-1325.10	-31.80	1294.68	1.024e+04	3307.78	
					272.0	-940.10	-1325.10	-31.80	1294.68	5912.45	-1.371e+05	
178	155 1.625e+05	1.566e+04	-0.03	0.0	0.0	-1398.30	-1228.91	-31.66	800.66	1.566e+04	1.625e+05	
	-9.926e+04	7047.04	-4.51e-03	0.0	136.0	-1092.30	-1228.91	-31.66	800.66	1.135e+04	3.164e+04	
					272.0	-786.30	-1228.91	-31.66	800.66	7047.04	-9.926e+04	
178	164 1.492e+05	1.375e+04	-0.02	0.0	0.0	-1775.75	-1294.59	-34.29	3135.92	1.375e+04	1.492e+05	
	-1.226e+05	4426.21	-6.52e-03	0.0	136.0	-1469.75	-1294.59	-34.29	3135.92	9089.38	1.335e+04	
					272.0	-1163.75	-1294.59	-34.29	3135.92	4426.21	-1.226e+05	
178	167 1.607e+05	1.651e+04	-0.02	0.0	0.0	-1182.71	-1237.70	-29.46	-845.34	1.651e+04	1.607e+05	
	-1.053e+05	8492.74	-3.78e-03	0.0	136.0	-876.71	-1237.70	-29.46	-845.34	1.250e+04	2.770e+04	
					272.0	-570.71	-1237.70	-29.46	-845.34	8492.74	-1.053e+05	
178	169 1.563e+05	1.607e+04	-0.02	0.0	0.0	-1136.21	-1265.44	-31.11	-776.82	1.607e+04	1.563e+05	
	-1.153e+05	7604.93	4.05e-03	0.0	136.0	-830.21	-1265.44	-31.11	-776.82	1.184e+04	2.054e+04	
					272.0	-524.21	-1265.44	-31.11	-776.82	7604.93	-1.153e+05	
178	172 1.499e+05	1.415e+04	-0.02	0.0	0.0	-1814.18	-1288.57	-32.34	2872.16	1.415e+04	1.499e+05	
	-1.211e+05	5354.56	-7.14e-03	0.0	136.0	-1508.18	-1288.57	-32.34	2872.16	9753.47	1.442e+04	
					272.0	-1202.18	-1288.57	-32.34	2872.16	5354.56	-1.211e+05	
187	1 2.093e+05	-2103.09	-0.03	0.0	0.0	-3884.63	-1189.36	-167.62	1.611e+04	-2103.09	2.093e+05	
	-1.981e+05	-7.217e+04	8.28e-03	0.0	209.0	-2797.83	-1189.36	-167.62	1.611e+04	-3.714e+04	5601.12	
					418.0	-1711.03	-1189.36	-167.62	1.611e+04	-7.217e+04	-1.981e+05	
187	4 2.726e+05	-2178.97	-0.04	0.0	0.0	-4066.14	-1522.58	-113.88	1.831e+04	-2178.97	2.726e+05	
	-2.530e+05	-4.978e+04	-8.57e-03	0.0	209.0	-2979.34	-1522.58	-113.88	1.831e+04	-2.598e+04	9755.88	
					418.0	-1892.54	-1522.58	-113.88	1.831e+04	-4.978e+04	-2.530e+05	
187	5 1.354e+05	-1577.65	-0.02	0.0	0.0	-2693.00	-777.87	-155.43	1.142e+04	-1577.65	1.354e+05	
	-1.293e+05	-6.655e+04	8.61e-03	0.0	209.0	-1857.00	-777.87	-155.43	1.142e+04	-3.406e+04	3049.28	
					418.0	-1021.00	-777.87	-155.43	1.142e+04	-6.655e+04	-1.293e+05	
187	7 1.980e+05	-1652.09	-0.03	0.0	0.0	-2690.67	-1105.91	-106.70	1.353e+04	-1652.09	1.980e+05	
	-1.830e+05	-4.625e+04	-5.75e-03	0.0	209.0	-1854.67	-1105.91	-106.70	1.353e+04	-2.395e+04	7500.70	
					418.0	-1018.67	-1105.91	-106.70	1.353e+04	-4.625e+04	-1.830e+05	
187	9 2.106e+05	-2105.95	-0.03	0.0	0.0	-4252.30	-1199.73	-157.60	1.628e+04	-2105.95	2.106e+05	
	-2.006e+05	-6.798e+04	7.38e-03	0.0	209.0	-3165.50	-1199.73	-157.60	1.628e+04	-3.504e+04	5007.79	
					418.0	-2078.70	-1199.73	-157.60	1.628e+04	-6.798e+04	-2.006e+05	
187	125 1.737e+05	-3915.16	-9.96e-03	0.0	0.0	-2719.83	-921.28	-130.66	7746.62	-3915.16	1.737e+05	
	-1.544e+05	-5.853e+04	8.49e-03	0.0	209.0	-1883.83	-921.28	-130.66	7746.62	-3.122e+04	9659.67	
					418.0	-1047.83	-921.28	-130.66	7746.62	-5.853e+04	-1.544e+05	
187	131 1.662e+05	-1.094e+04	-0.03	0.0	0.0	-2607.00	-962.74	-164.74	1.310e+04	-1.094e+04	1.662e+05	
	-1.605e+05	-7.981e+04	0.01	0.0	209.0	-1771.00	-962.74	-164.74	1.310e+04	-4.537e+04	2856.06	
					418.0	-935.00	-962.74	-164.74	1.310e+04	-7.981e+04	-1.605e+05	
187	134 1.592e+05	7803.07	-0.02	0.0	0.0	-3113.50	-880.28	-93.91	1.156e+04	7803.07	1.592e+05	
	-1.457e+05	-3.145e+04	-9.12e-03	0.0	209.0	-2277.50	-880.28	-93.91	1.156e+04	-1.182e+04	6753.54	
					418.0	-1441.50	-880.28	-93.91	1.156e+04	-3.145e+04	-1.457e+05	
187	137 1.709e+05	-1.009e+04	-0.02	0.0	0.0	-2537.96	-952.65	-171.87	1.064e+04	-1.009e+04	1.709e+05	
	-1.596e+05	-8.193e+04	0.01	0.0	209.0	-1701.96	-952.65	-171.87	1.064e+04	-4.601e+04	5647.06	
					418.0	-865.96	-952.65	-171.87	1.064e+04	-8.193e+04	-1.596e+05	
187	140 1.539e+05	6859.05	-0.03	0.0	0.0	-3180.79	-889.20	-89.55	1.415e+04	6859.05	1.539e+05	
	-1.466e+05	-3.057e+04	-0.01	0.0	209.0	-2344.79	-889.20	-89.55	1.415e+04	-1.186e+04	3655.59	
					418.0	-1508.79	-889.20	-89.55	1.415e+04	-3.057e+04	-1.466e+05	
187	143 1.658e+05	-1.014e+04	-0.03	0.0	0.0	-2568.49	-960.10	-176.73	1.319e+04	-1.014e+04	1.658e+05	
	-1.600e+05	-8.401e+04	0.01	0.0	209.0	-1732.49	-960.10	-176.73	1.319e+04	-4.708e+04	2909.48	
					418.0	-896.49	-960.10	-176.73	1.319e+04	-8.401e+04	-1.600e+05	
187	157 1.711e+05	-3394.36	-0.01	0.0	0.0	-2751.42	-921.20	-130.67	8798.80	-3394.36	1.711e+05	
	-1.541e+05	-5.801e+04	8.05e-03	0.0	209.0	-1915.42	-921.20	-130.67	8798.80	-3.070e+04	8525.60	
					418.0	-1079.42	-921.20	-130.67	8798.80	-5.801e+04	-1.541e+05	
187	163 1.653e+05	-8831.45	-0.03	0.0	0.0	-2664.15	-953.27	-157.03	1.294e+04	-8831.45	1.653e+05	
	-1.588e+05	-7.447e+04	0.01	0.0	209.0	-1828.15	-953.27	-157.03	1.294e+04	-4.165e+04	3262.57	
					418.0	-992.15	-953.27	-157.03	1.294e+04	-7.447e+04	-1.588e+05	
187	166 1.599e+05	5670.42	-0.02	0.0	0.0	-3055.95	-889.48	-102.24	1.175e+04	5670.42	1.599e+05	
	-1.474e+05	-3.707e+04	-8.21e-03	0.0	209.0	-2219.95	-889.48	-102.24	1.175e+04	-1.570e+04	6277.52	
					418.0	-1383.95	-889.48	-102.24	1.175e+04	-3.707e+04	-1.474e+05	
187	169 1.689e+05	-8170.59	-0.02	0.0	0.0	-2610.74	-945.47	-162.55	1.104e+04	-8170.59	1.689e+05	
	-1.581e+05	-7.612e+04	0.01	0.0	209.0	-1774.74	-945.47	-162.55	1.104e+04	-4.214e+04	5421.59	
					418.0	-938.74	-945.47	-162.55	1.104e+04	-7.612e+04	-1.581e+05	
187	172 1.558e+05	4940.17	-0.03	0.0	0.0	-3108.01	-896.38	-98.87	1.375e+04	4940.17	1.558e+05	
	-1.480e+05	-3.639e+04	-9.15e-03	0.0	209.0	-2272.01	-896.38	-98.87	1.375e+04	-1.572e+04	3881.06	
					418.0	-1436.01	-896.38	-98.87	1.375e+04	-3.639e+04	-1.480e+05	

187	175	1.651e+05	-8211.07	-0.03	0.0	0.0	-2634.36	-951.23	-166.31	1.301e+04	-8211.07	1.651e+05
		-1.584e+05	-7.773e+04	0.01	0.0	209.0	-1798.36	-951.23	-166.31	1.301e+04	-4.297e+04	3303.90
						418.0	-962.36	-951.23	-166.31	1.301e+04	-7.773e+04	-1.584e+05
188	1	4.821e+04	1.003e+05	-0.08	0.0	0.0	-5341.59	-252.74	-456.52	-8113.97	1.003e+05	4.821e+04
		-3.819e+04	-2.386e+04	-8.11e-03	0.0	136.0	-4634.39	-252.74	-456.52	-8113.97	3.822e+04	5013.11
						272.0	-3927.19	-252.74	-456.52	-8113.97	-2.386e+04	-3.819e+04
188	3	9.539e+04	7.311e+04	-0.09	0.0	0.0	-4991.04	-518.19	-353.70	-8417.32	7.311e+04	9.539e+04
		-5.582e+04	-2.309e+04	-6.68e-03	0.0	136.0	-4283.84	-518.19	-353.70	-8417.32	2.501e+04	1.979e+04
						272.0	-3576.64	-518.19	-353.70	-8417.32	-2.309e+04	-5.582e+04
188	4	9.475e+04	7.020e+04	-0.09	0.0	0.0	-5329.23	-528.32	-346.55	-8936.77	7.020e+04	9.475e+04
		-6.002e+04	-2.406e+04	-6.76e-03	0.0	136.0	-4622.03	-528.32	-346.55	-8936.77	2.307e+04	1.736e+04
						272.0	-3914.83	-528.32	-346.55	-8936.77	-2.406e+04	-6.002e+04
188	7	6.705e+04	6.490e+04	-0.06	0.0	0.0	-3338.86	-340.76	-298.18	-5575.84	6.490e+04	6.705e+04
		-3.334e+04	-1.621e+04	-5.49e-03	0.0	136.0	-2794.86	-340.76	-298.18	-5575.84	2.434e+04	1.685e+04
						272.0	-2250.86	-340.76	-298.18	-5575.84	-1.621e+04	-3.334e+04
188	9	4.694e+04	9.448e+04	-0.08	0.0	0.0	-6017.97	-273.01	-442.23	-9152.86	9.448e+04	4.694e+04
		-4.660e+04	-2.581e+04	-7.85e-03	0.0	136.0	-5310.77	-273.01	-442.23	-9152.86	3.434e+04	171.05
						272.0	-4603.57	-273.01	-442.23	-9152.86	-2.581e+04	-4.660e+04
188	122	8.530e+04	6.637e+04	-0.04	0.0	0.0	-4114.94	-620.44	-322.47	-1663.72	6.637e+04	8.530e+04
		-8.460e+04	-2.134e+04	-5.13e-03	0.0	136.0	-3570.94	-620.44	-322.47	-1663.72	2.252e+04	345.92
						272.0	-3026.94	-620.44	-322.47	-1663.72	-2.134e+04	-8.460e+04
188	123	3.069e+04	9.005e+04	-0.08	0.0	0.0	-3597.88	228.99	-382.07	-1.010e+04	9.005e+04	-7220.59
		-7220.59	-1.387e+04	-7.41e-03	0.0	136.0	-3053.88	228.99	-382.07	-1.010e+04	3.809e+04	1.173e+04
						272.0	-2509.88	228.99	-382.07	-1.010e+04	-1.387e+04	3.069e+04
188	134	6.108e+04	6.514e+04	-0.05	0.0	0.0	-4096.63	-405.78	-343.79	3583.80	6.514e+04	6.108e+04
		-5.131e+04	-2.837e+04	-6.25e-03	0.0	136.0	-3552.63	-405.78	-343.79	3583.80	1.839e+04	4883.50
						272.0	-3008.63	-405.78	-343.79	3583.80	-2.837e+04	-5.131e+04
188	143	1.909e+04	9.282e+04	-0.07	0.0	0.0	-3628.90	-3.20	-375.41	-1.435e+04	9.282e+04	1.909e+04
		-4747.72	-9294.58	-6.80e-03	0.0	136.0	-3084.90	-3.20	-375.41	-1.435e+04	4.176e+04	7171.90
						272.0	-2540.90	-3.20	-375.41	-1.435e+04	-9294.58	-4747.72
188	154	7.482e+04	6.905e+04	-0.04	0.0	0.0	-4056.40	-524.27	-329.22	-2618.63	6.905e+04	7.482e+04
		-7.155e+04	-2.049e+04	-5.39e-03	0.0	136.0	-3512.40	-524.27	-329.22	-2618.63	2.428e+04	1635.10
						272.0	-2968.40	-524.27	-329.22	-2618.63	-2.049e+04	-7.155e+04
188	155	1.763e+04	8.737e+04	-0.07	0.0	0.0	-3656.42	132.82	-375.32	-9143.10	8.737e+04	3253.93
		3253.93	-1.471e+04	-7.15e-03	0.0	136.0	-3112.42	132.82	-375.32	-9143.10	3.633e+04	1.044e+04
						272.0	-2568.42	132.82	-375.32	-9143.10	-1.471e+04	1.763e+04
188	166	5.609e+04	6.810e+04	-0.05	0.0	0.0	-4042.24	-358.21	-345.71	1440.65	6.810e+04	5.609e+04
		-4.579e+04	-2.593e+04	-5.85e-03	0.0	136.0	-3498.24	-358.21	-345.71	1440.65	2.108e+04	5145.21
						272.0	-2954.24	-358.21	-345.71	1440.65	-2.593e+04	-4.579e+04
188	175	2.361e+04	8.951e+04	-0.07	0.0	0.0	-3680.42	-46.79	-370.17	-1.244e+04	8.951e+04	2.361e+04
		-9777.16	-1.118e+04	-6.68e-03	0.0	136.0	-3136.42	-46.79	-370.17	-1.244e+04	3.917e+04	6915.43
						272.0	-2592.42	-46.79	-370.17	-1.244e+04	-1.118e+04	-9777.16

Pilas.	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**N**	**V 2**	**V 3**	**T**
	-1.457e+06	-5.387e+05	-0.16	-0.29	-1.032e+05	-6857.29	-2116.62	-1.851e+04
	1.465e+06	4.471e+05	0.11	0.52	-265.49	1.066e+04	3410.82	2.677e+04

Trave	**Cmb**	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**Pos.**	**N**	**V 2**	**V 3**	**T**	**M 2**	**M 3**
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
7	4	4.232e+05	1.753e+04	-0.08	-1.484e+04	0.0	-2587.28	6065.32	-26.57	4398.55	1.753e+04	-9.785e+04
		-6.702e+05	6307.58	-9.66e-03	0.0	211.2	-2587.28	-1354.59	-26.57	4398.55	1.192e+04	3.997e+05
						422.5	-2587.28	-8774.51	-26.57	4398.55	6307.58	-6.702e+05
7	5	2.905e+05	5659.45	-0.03	-9887.46	0.0	-1546.44	3827.10	12.70	1842.73	291.69	-2.217e+04
		-4.939e+05	291.69	-0.01	0.0	211.2	-1546.44	-1116.63	12.70	1842.73	2975.57	2.641e+05
						422.5	-1546.44	-6060.36	12.70	1842.73	5659.45	-4.939e+05
7	9	4.426e+05	7326.97	-0.06	-1.548e+04	0.0	-2364.23	6173.56	-1.26	3803.30	7326.97	-7.558e+04
		-7.381e+05	6793.12	-0.01	0.0	211.2	-2364.23	-1568.22	-1.26	3803.30	7060.05	4.109e+05
						422.5	-2364.23	-9310.00	-1.26	3803.30	6793.12	-7.381e+05
7	126	2.763e+05	1.191e+04	-0.04	-1.047e+04	0.0	-1787.13	4351.90	69.56	1108.06	-1.748e+04	-1.047e+05
		-4.781e+05	-1.748e+04	-0.03	0.0	211.2	-1787.13	-883.65	69.56	1108.06	-2788.21	2.616e+05
						422.5	-1787.13	-6119.21	69.56	1108.06	1.191e+04	-4.781e+05
7	127	3.337e+05	2.768e+04	-0.04	-1.047e+04	0.0	-1632.70	3935.06	-68.30	3725.16	2.768e+04	2.135e+04
		-5.281e+05	-1178.82	0.01	0.0	211.2	-1632.70	-1300.50	-68.30	3725.16	1.325e+04	2.996e+05
						422.5	-1632.70	-6536.06	-68.30	3725.16	-1178.82	-5.281e+05
7	128	3.342e+05	1.307e+04	-0.04	-1.047e+04	0.0	-1653.48	3922.06	35.28	2395.34	-1834.58	2.385e+04
		-5.311e+05	-1834.58	-0.03	0.0	211.2	-1653.48	-1313.49	35.28	2395.34	5617.42	2.994e+05
						422.5	-1653.48	-6549.05	35.28	2395.34	1.307e+04	-5.311e+05
7	130	2.962e+05	2.819e+04	-0.04	-1.047e+04	0.0	-1721.83	4182.97	193.49	-599.12	-5.356e+04	-5.543e+04
		-5.001e+05	-5.356e+04	-0.09	0.0	211.2	-1721.83	-1052.59	193.49	-599.12	-1.268e+04	2.752e+05
						422.5	-1721.83	-6288.14	193.49	-599.12	2.819e+04	-5.001e+05
7	131	3.112e+05	6.375e+04	-0.04	-1.047e+04	0.0	-1698.00	4103.99	-192.23	5432.33	6.375e+04	-2.797e+04
		-5.061e+05	-1.747e+04	0.07	0.0	211.2	-1698.00	-1131.57	-192.23	5432.33	2.314e+04	2.860e+05
						422.5	-1698.00	-6367.12	-192.23	5432.33	-1.747e+04	-5.061e+05
7	158	2.818e+05	1.043e+04	-0.04	-1.047e+04	0.0	-1769.65	4304.71	53.95	1404.36	-1.237e+04	-9.047e+04
		-4.838e+05	-1.237e+04	-0.03	0.0	211.2	-1769.65	-930.85	53.95	1404.36	-972.39	2.659e+05

						422.5	-1769.65	-6166.40	53.95	1404.36	1.043e+04	-4.838e+05	
7	159	3.269e+05	2.257e+04	-0.04	-1.047e+04	0.0	-1650.19	3982.25	-52.69	3428.85	2.257e+04	7072.16	
		-5.224e+05	302.73	6.93e-03	0.0	211.2	-1650.19	-1253.30	-52.69	3428.85	1.143e+04	2.953e+05	
						422.5	-1650.19	-6488.86	-52.69	3428.85	302.73	-5.224e+05	
7	160	3.273e+05	1.132e+04	-0.04	-1.047e+04	0.0	-1666.26	3972.20	27.43	2400.15	-264.84	9009.95	
		-5.248e+05	-264.84	-0.03	0.0	211.2	-1666.26	-1263.36	27.43	2400.15	5529.90	2.951e+05	
						422.5	-1666.26	-6498.91	27.43	2400.15	1.132e+04	-5.248e+05	
7	162	2.979e+05	2.302e+04	-0.04	-1.047e+04	0.0	-1719.13	4174.03	149.82	83.75	-4.027e+04	-5.232e+04	
		-5.008e+05	-4.027e+04	-0.07	0.0	211.2	-1719.13	-1061.53	149.82	83.75	-8624.88	2.764e+05	
						422.5	-1719.13	-6297.08	149.82	83.75	2.302e+04	-5.008e+05	
7	163	3.095e+05	5.047e+04	-0.04	-1.047e+04	0.0	-1700.70	4112.93	-148.56	4749.46	5.047e+04	-3.108e+04	
		-5.054e+05	-1.230e+04	0.05	0.0	211.2	-1700.70	-1122.62	-148.56	4749.46	1.909e+04	2.848e+05	
						422.5	-1700.70	-6358.18	-148.56	4749.46	-1.230e+04	-5.054e+05	
12	1	8.372e+04	2.779e+04	-0.08	-4056.00	0.0	-2763.79	2262.91	74.93	-5536.30	-1.897e+04	-3.102e+05	
		-3.102e+05	-1.897e+04	-0.07	0.0	312.0	-2763.79	234.91	74.93	-5536.30	4412.70	7.950e+04	
						624.0	-2763.79	-1793.09	74.93	-5536.30	2.779e+04	-1.636e+05	
12	4	8.221e+04	3.354e+04	-0.08	-4056.00	0.0	-2827.65	2229.89	91.34	-6017.18	-2.345e+04	-3.001e+05	
		-3.001e+05	-2.345e+04	-0.07	0.0	312.0	-2827.65	201.89	91.34	-6017.18	5042.13	7.928e+04	
						624.0	-2827.65	-1826.11	91.34	-6017.18	3.354e+04	-1.741e+05	
12	5	6.609e+04	1.864e+04	-0.06	-3120.00	0.0	-2098.26	1747.89	50.36	-3576.62	-1.279e+04	-2.394e+05	
		-2.394e+05	-1.279e+04	-0.05	0.0	312.0	-2098.26	187.89	50.36	-3576.62	2927.51	6.256e+04	
						624.0	-2098.26	-1372.11	50.36	-3576.62	1.864e+04	-1.222e+05	
12	9	8.190e+04	2.870e+04	-0.08	-4056.00	0.0	-2769.10	2271.97	76.69	-6356.71	-1.915e+04	-3.152e+05	
		-3.152e+05	-1.915e+04	-0.07	0.0	312.0	-2769.10	243.97	76.69	-6356.71	4776.73	7.733e+04	
						624.0	-2769.10	-1784.03	76.69	-6356.71	2.870e+04	-1.629e+05	
12	121	6.960e+04	9.862e+04	-0.06	-3120.00	0.0	-2619.11	1787.24	230.43	-4060.13	-4.517e+04	-2.497e+05	
		-2.497e+05	-4.517e+04	-0.05	0.0	312.0	-2619.11	227.24	230.43	-4060.13	2.673e+04	6.454e+04	
						624.0	-2619.11	-1332.76	230.43	-4060.13	9.862e+04	-1.079e+05	
12	122	7.050e+04	9.628e+04	-0.06	-3120.00	0.0	-2591.88	1802.37	208.44	-2896.93	-3.379e+04	-2.541e+05	
		-2.541e+05	-3.379e+04	-0.05	0.0	312.0	-2591.88	242.37	208.44	-2896.93	3.125e+04	6.485e+04	
						624.0	-2591.88	-1317.63	208.44	-2896.93	9.628e+04	-1.029e+05	
12	124	6.043e+04	1.580e+04	-0.06	-3120.00	0.0	-1633.24	1685.40	-115.27	-3892.42	1.580e+04	-2.231e+05	
		-2.231e+05	-5.613e+04	-0.06	0.0	312.0	-1633.24	125.40	-115.27	-3892.42	-2.017e+04	5.935e+04	
						624.0	-1633.24	-1434.60	-115.27	-3892.42	-5.613e+04	-1.449e+05	
12	125	6.965e+04	1.013e+05	-0.06	-3120.00	0.0	-2618.70	1788.90	238.72	-4096.48	-4.769e+04	-2.503e+05	
		-2.503e+05	-4.769e+04	-0.05	0.0	312.0	-2618.70	228.90	238.72	-4096.48	2.679e+04	6.453e+04	
						624.0	-2618.70	-1331.10	238.72	-4096.48	1.013e+05	-1.074e+05	
12	128	6.038e+04	1.832e+04	-0.06	-3120.00	0.0	-1633.66	1683.73	-123.56	-3856.07	1.832e+04	-2.226e+05	
		-2.226e+05	-5.878e+04	-0.05	0.0	312.0	-1633.66	123.73	-123.56	-3856.07	-2.023e+04	5.936e+04	
						624.0	-1633.66	-1436.27	-123.56	-3856.07	-5.878e+04	-1.454e+05	
12	153	6.856e+04	8.110e+04	-0.06	-3120.00	0.0	-2507.50	1775.71	191.29	-4041.14	-3.826e+04	-2.467e+05	
		-2.467e+05	-3.826e+04	-0.05	0.0	312.0	-2507.50	215.71	191.29	-4041.14	2.142e+04	6.395e+04	
						624.0	-2507.50	-1344.29	191.29	-4041.14	8.110e+04	-1.121e+05	
12	154	6.925e+04	7.929e+04	-0.06	-3120.00	0.0	-2486.43	1787.42	174.28	-3141.33	-2.946e+04	-2.501e+05	
		-2.501e+05	-2.946e+04	-0.05	0.0	312.0	-2486.43	227.42	174.28	-3141.33	2.491e+04	6.419e+04	
						624.0	-2486.43	-1332.58	174.28	-3141.33	7.929e+04	-1.082e+05	
12	156	6.147e+04	8895.05	-0.06	-3120.00	0.0	-1744.86	1696.93	-76.13	-3911.41	8895.05	-2.261e+05	
		-2.261e+05	-3.861e+04	-0.06	0.0	312.0	-1744.86	136.93	-76.13	-3911.41	-1.486e+04	5.993e+04	
						624.0	-1744.86	-1423.07	-76.13	-3911.41	-3.861e+04	-1.407e+05	
12	157	6.860e+04	8.315e+04	-0.06	-3120.00	0.0	-2507.18	1776.99	197.71	-4069.26	-4.022e+04	-2.471e+05	
		-2.471e+05	-4.022e+04	-0.05	0.0	312.0	-2507.18	216.99	197.71	-4069.26	2.147e+04	6.394e+04	
						624.0	-2507.18	-1343.01	197.71	-4069.26	8.315e+04	-1.117e+05	
12	173	6.516e+04	4.879e+04	-0.06	-3120.00	0.0	-2271.47	1734.66	144.87	-5454.19	-4.162e+04	-2.357e+05	
		-2.357e+05	-4.162e+04	-0.06	0.0	312.0	-2271.47	174.66	144.87	-5454.19	3584.78	6.215e+04	
						624.0	-2271.47	-1385.34	144.87	-5454.19	4.879e+04	-1.267e+05	
21	1	3.726e+05	6033.94	-0.04	-1.791e+04	0.0	569.57	7936.14	54.93	2189.90	-1.718e+04	-3.704e+05	
		-7.997e+05	-1.718e+04	-0.01	0.0	211.3	569.57	-1016.12	54.93	2189.90	-5570.84	3.606e+05	
						422.5	569.57	-9968.87	54.93	2189.90	6033.94	-7.997e+05	
21	3	4.805e+05	6165.03	-0.06	-2.306e+04	0.0	727.49	1.034e+04	51.26	2294.75	-1.549e+04	-4.988e+05	
		-1.000e+06	-1.549e+04	-0.01	0.0	211.3	727.49	-1186.23	51.26	2294.75	-4663.91	4.682e+05	
						422.5	727.49	-1.271e+04	51.26	2294.75	6165.03	-1.000e+06	
21	4	4.803e+05	6192.27	-0.06	-2.306e+04	0.0	729.00	1.034e+04	50.71	2296.38	-1.523e+04	-4.997e+05	
		-9.993e+05	-1.523e+04	-0.01	0.0	211.3	729.00	-1182.39	50.71	2296.38	-4520.20	4.681e+05	
						422.5	729.00	-1.271e+04	50.71	2296.38	6192.27	-9.993e+05	
21	5	2.449e+05	4542.46	-0.02	-1.177e+04	0.0	374.47	5161.79	44.54	1632.23	-1.428e+04	-2.334e+05	
		-5.386e+05	-1.428e+04	-9.88e-03	0.0	211.3	374.47	-722.30	44.54	1632.23	-4866.38	2.356e+05	
						422.5	374.47	-6606.69	44.54	1632.23	4542.46	-5.386e+05	
21	122	2.807e+05	5855.29	-0.03	-1.393e+04	0.0	354.48	6273.17	53.29	-1351.65	-1.666e+04	-3.156e+05	
		-6.081e+05	-1.666e+04	-0.02	0.0	211.3	354.48	-692.41	53.29	-1351.65	-5402.75	2.739e+05	
						422.5	354.48	-7658.38	53.29	-1351.65	5855.29	-6.081e+05	
21	123	2.994e+05	3394.02	-0.03	-1.393e+04	0.0	529.59	6078.29	31.74	4717.18	-1.001e+04	-2.608e+05	
		-6.357e+05	-1.001e+04	1.51e-03	0.0	211.3	529.59	-887.30	31.74	4717.18	-3310.32	2.875e+05	
						422.5	529.59	-7853.26	31.74	4717.18	3394.02	-6.357e+05	
21	128	3.002e+05	7069.15	-0.03	-1.393e+04	0.0	523.15	6059.78	59.94	-624.73	-1.826e+04	-2.566e+05	
		-6.394e+05	-1.826e+04	-0.01	0.0	211.3	523.15	-905.80	59.94	-624.73	-5592.94	2.878e+05	
						422.5	523.15	-7871.76	59.94	-624.73	7069.15	-6.394e+05	
21	136	2.941e+05	1.065e+04	-0.03	-1.393e+04	0.0	455.78	6114.98	92.18	-7597.22	-2.830e+04	-2.729e+05	

		-6.323e+05	-2.830e+04	-0.03	0.0	211.3	455.78	-850.61	92.18	-7597.22	-8825.28	2.831e+05
						422.5	455.78	-7816.57	92.18	-7597.22	1.065e+04	-6.323e+05
21	144	2.944e+05	1.117e+04	-0.03	-1.393e+04	0.0	457.31	6111.13	89.12	-6705.76	-2.649e+04	-2.720e+05
		-6.330e+05	-2.649e+04	-0.03	0.0	211.3	457.31	-854.46	89.12	-6705.76	-7658.59	2.833e+05
						422.5	457.31	-7820.42	89.12	-6705.76	1.117e+04	-6.330e+05
21	154	2.828e+05	5576.63	-0.03	-1.393e+04	0.0	374.31	6251.11	50.85	-664.55	-1.591e+04	-3.094e+05
		-6.113e+05	-1.591e+04	-0.02	0.0	211.3	374.31	-714.48	50.85	-664.55	-5165.85	2.754e+05
						422.5	374.31	-7680.44	50.85	-664.55	5576.63	-6.113e+05
21	155	2.973e+05	3672.68	-0.03	-1.393e+04	0.0	509.76	6100.35	34.18	4030.07	-1.077e+04	-2.670e+05
		-6.326e+05	-1.077e+04	-3.32e-03	0.0	211.3	509.76	-865.23	34.18	4030.07	-3547.22	2.860e+05
						422.5	509.76	-7831.19	34.18	4030.07	3672.68	-6.326e+05
21	160	2.979e+05	6515.63	-0.03	-1.393e+04	0.0	504.79	6086.04	55.99	-102.23	-1.714e+04	-2.638e+05
		-6.354e+05	-1.714e+04	-0.01	0.0	211.3	504.79	-879.55	55.99	-102.23	-5312.97	2.862e+05
						422.5	504.79	-7845.51	55.99	-102.23	6515.63	-6.354e+05
21	168	2.932e+05	9284.17	-0.03	-1.393e+04	0.0	452.67	6128.74	80.94	-5495.89	-2.491e+04	-2.764e+05
		-6.300e+05	-2.491e+04	-0.03	0.0	211.3	452.67	-836.85	80.94	-5495.89	-7813.39	2.826e+05
						422.5	452.67	-7802.81	80.94	-5495.89	9284.17	-6.300e+05
21	176	2.934e+05	9687.05	-0.03	-1.393e+04	0.0	453.85	6125.75	78.57	-4806.29	-2.351e+04	-2.756e+05
		-6.305e+05	-2.351e+04	-0.02	0.0	211.3	453.85	-839.83	78.57	-4806.29	-6910.88	2.827e+05
						422.5	453.85	-7805.79	78.57	-4806.29	9687.05	-6.305e+05
56	1	3.687e+04	1.139e+05	0.02	-1320.80	0.0	958.82	-400.94	-1196.79	-9.890e+04	1.139e+05	3.687e+04
		-1.788e+05	-1.221e+05	0.03	0.0	101.6	958.82	-1061.34	-1196.79	-9.890e+04	-4083.61	-3.741e+04
						203.2	958.82	-1721.74	-1196.79	-9.890e+04	-1.221e+05	-1.788e+05
56	4	3.182e+04	1.277e+05	0.02	-1320.80	0.0	1109.78	-422.54	-1348.40	-1.149e+05	1.277e+05	3.182e+04
		-1.882e+05	-1.373e+05	0.03	0.0	101.6	1109.78	-1082.94	-1348.40	-1.149e+05	-4794.07	-4.466e+04
						203.2	1109.78	-1743.34	-1348.40	-1.149e+05	-1.373e+05	-1.882e+05
56	5	3.102e+04	8.160e+04	0.01	-1016.00	0.0	656.23	-296.81	-854.75	-6.973e+04	8.160e+04	3.102e+04
		-1.325e+05	-8.751e+04	0.02	0.0	101.6	656.23	-804.81	-854.75	-6.973e+04	-2955.26	-2.494e+04
						203.2	656.23	-1312.81	-854.75	-6.973e+04	-8.751e+04	-1.325e+05
56	113	1.076e+04	8.787e+04	0.01	-1016.00	0.0	1008.29	-198.73	-921.05	-9.007e+04	8.787e+04	1.076e+04
		-1.328e+05	-1.009e+05	0.02	0.0	101.6	1008.29	-706.73	-921.05	-9.007e+04	-6496.29	-3.523e+04
						203.2	1008.29	-1214.73	-921.05	-9.007e+04	-1.009e+05	-1.328e+05
56	130	5.074e+04	1.069e+05	0.01	-1016.00	0.0	490.65	-427.40	-1026.12	-7.935e+04	1.069e+05	5.074e+04
		-1.393e+05	-9.501e+04	0.02	0.0	101.6	490.65	-935.40	-1026.12	-7.935e+04	5957.65	-1.849e+04
						203.2	490.65	-1443.40	-1026.12	-7.935e+04	-9.501e+04	-1.393e+05
56	132	5.692e+04	1.036e+05	0.01	-1016.00	0.0	376.02	-467.26	-1008.85	-7.141e+04	1.036e+05	5.692e+04
		-1.413e+05	-9.113e+04	0.02	0.0	101.6	376.02	-975.26	-1008.85	-7.141e+04	6246.71	-1.636e+04
						203.2	376.02	-1483.26	-1008.85	-7.141e+04	-9.113e+04	-1.413e+05
56	137	2532.48	7.480e+04	0.01	-1016.00	0.0	1107.06	-153.46	-849.10	-8.148e+04	7.480e+04	2532.48
		-1.319e+05	-9.656e+04	0.02	0.0	101.6	1107.06	-661.46	-849.10	-8.148e+04	-1.088e+04	-3.886e+04
						203.2	1107.06	-1169.46	-849.10	-8.148e+04	-9.656e+04	-1.319e+05
56	140	5.472e+04	1.005e+05	0.01	-1016.00	0.0	350.22	-460.94	-993.24	-7.152e+04	1.005e+05	5.472e+04
		-1.422e+05	-9.160e+04	0.02	0.0	101.6	350.22	-968.94	-993.24	-7.152e+04	4443.15	-1.791e+04
						203.2	350.22	-1476.94	-993.24	-7.152e+04	-9.160e+04	-1.422e+05
56	145	1.481e+04	8.782e+04	0.01	-1016.00	0.0	944.96	-223.30	-921.08	-8.700e+04	8.782e+04	1.481e+04
		-1.338e+05	-9.933e+04	0.02	0.0	101.6	944.96	-731.30	-921.08	-8.700e+04	-5754.05	-3.368e+04
						203.2	944.96	-1239.30	-921.08	-8.700e+04	-9.933e+04	-1.338e+05
56	162	4.573e+04	1.026e+05	0.01	-1016.00	0.0	544.54	-400.19	-1002.35	-7.871e+04	1.026e+05	4.573e+04
		-1.388e+05	-9.480e+04	0.02	0.0	101.6	544.54	-908.19	-1002.35	-7.871e+04	3879.86	-2.074e+04
						203.2	544.54	-1416.19	-1002.35	-7.871e+04	-9.480e+04	-1.388e+05
56	164	5.051e+04	1.000e+05	0.01	-1016.00	0.0	455.87	-431.02	-989.00	-7.257e+04	1.000e+05	5.051e+04
		-1.403e+05	-9.180e+04	0.02	0.0	101.6	455.87	-939.02	-989.00	-7.257e+04	4103.47	-1.909e+04
						203.2	455.87	-1447.02	-989.00	-7.257e+04	-9.180e+04	-1.403e+05
56	169	8441.55	7.771e+04	0.01	-1016.00	0.0	1021.37	-188.27	-865.42	-8.035e+04	7.771e+04	8441.55
		-1.330e+05	-9.600e+04	0.02	0.0	101.6	1021.37	-696.27	-865.42	-8.035e+04	-9145.02	-3.649e+04
						203.2	1021.37	-1204.27	-865.42	-8.035e+04	-9.600e+04	-1.330e+05
56	172	4.882e+04	9.758e+04	0.01	-1016.00	0.0	435.91	-426.13	-976.92	-7.265e+04	9.758e+04	4.882e+04
		-1.410e+05	-9.217e+04	0.02	0.0	101.6	435.91	-934.13	-976.92	-7.265e+04	2708.30	-2.029e+04
						203.2	435.91	-1442.13	-976.92	-7.265e+04	-9.217e+04	-1.410e+05
57	1	1.666e+04	-6.418e+04	9.06e-03	-1235.00	0.0	371.23	1084.32	113.01	521.78	-9.121e+04	-7.378e+04
		-7.378e+04	-9.121e+04	5.15e-03	0.0	95.0	371.23	466.82	113.01	521.78	-7.769e+04	-100.36
						190.0	371.23	-150.68	113.01	521.78	-6.418e+04	1.492e+04
57	4	1.067e+04	-7.470e+04	8.95e-03	-1235.00	0.0	404.26	1066.66	106.28	1215.37	-9.986e+04	-7.684e+04
		-7.684e+04	-9.986e+04	5.86e-03	0.0	95.0	404.26	449.16	106.28	1215.37	-8.728e+04	-4835.79
						190.0	404.26	-168.34	106.28	1215.37	-7.470e+04	8503.27
57	5	1.603e+04	-4.509e+04	7.03e-03	-950.00	0.0	269.84	842.30	89.22	109.74	-6.652e+04	-5.490e+04
		-5.490e+04	-6.652e+04	3.67e-03	0.0	95.0	269.84	367.30	89.22	109.74	-5.580e+04	2551.38
						190.0	269.84	-107.70	89.22	109.74	-4.509e+04	1.488e+04
57	113	7407.56	-3.249e+04	7.81e-03	-950.00	0.0	516.55	779.07	160.04	-92.95	-7.223e+04	-5.328e+04
		-5.328e+04	-7.223e+04	3.96e-03	0.0	95.0	516.55	304.07	160.04	-92.95	-5.236e+04	-1833.68
						190.0	516.55	-170.93	160.04	-92.95	-3.249e+04	4491.37
57	117	7123.94	-3.251e+04	7.88e-03	-950.00	0.0	517.94	775.93	158.79	-98.19	-7.193e+04	-5.308e+04
		-5.308e+04	-7.193e+04	3.97e-03	0.0	95.0	517.94	300.93	158.79	-98.19	-5.222e+04	-1930.31
						190.0	517.94	-174.07	158.79	-98.19	-3.251e+04	4095.55
57	118	1.262e+04	-3.187e+04	6.77e-03	-950.00	0.0	494.88	827.58	162.77	-434.74	-7.212e+04	-5.587e+04
		-5.587e+04	-7.212e+04	4.12e-03	0.0	95.0	494.88	352.58	162.77	-434.74	-5.200e+04	186.85
						190.0	494.88	-122.42	162.77	-434.74	-3.187e+04	1.112e+04

57	120	1.989e+04	-6.664e+04	6.07e-03	-950.00	0.0	51.85	892.87	14.31	917.66	-6.860e+04	-5.983e+04
		-5.983e+04	-6.860e+04	3.98e-03	0.0	95.0	51.85	417.87	14.31	917.66	-6.762e+04	2431.49
						190.0	51.85	-57.13	14.31	917.66	-6.664e+04	1.957e+04
57	140	2.481e+04	-5.373e+04	5.01e-03	-950.00	0.0	180.01	930.28	70.91	51.69	-7.004e+04	-6.170e+04
		-6.170e+04	-7.004e+04	4.19e-03	0.0	95.0	180.01	455.28	70.91	51.69	-6.188e+04	4115.89
						190.0	180.01	-19.72	70.91	51.69	-5.373e+04	2.481e+04
57	145	8623.28	-3.636e+04	7.62e-03	-950.00	0.0	464.10	791.60	143.40	20.87	-7.179e+04	-5.400e+04
		-5.400e+04	-7.179e+04	3.96e-03	0.0	95.0	464.10	316.60	143.40	20.87	-5.408e+04	-1361.72
						190.0	464.10	-158.40	143.40	20.87	-3.636e+04	6153.34
57	149	8403.88	-3.638e+04	7.68e-03	-950.00	0.0	465.17	789.16	142.43	16.82	-7.156e+04	-5.385e+04
		-5.385e+04	-7.156e+04	3.97e-03	0.0	95.0	465.17	314.16	142.43	16.82	-5.397e+04	-1436.48
						190.0	465.17	-160.84	142.43	16.82	-3.638e+04	5847.15
57	150	1.274e+04	-3.588e+04	6.81e-03	-950.00	0.0	447.33	829.12	145.51	-243.52	-7.170e+04	-5.600e+04
		-5.600e+04	-7.170e+04	4.08e-03	0.0	95.0	447.33	354.12	145.51	-243.52	-5.379e+04	201.28
						190.0	447.33	-120.88	145.51	-243.52	-3.588e+04	1.128e+04
57	152	1.830e+04	-6.278e+04	6.28e-03	-950.00	0.0	104.62	879.63	30.66	802.65	-6.897e+04	-5.906e+04
		-5.906e+04	-6.897e+04	3.98e-03	0.0	95.0	104.62	404.63	30.66	802.65	-6.588e+04	1937.65
						190.0	104.62	-70.37	30.66	802.65	-6.278e+04	1.781e+04
57	172	2.201e+04	-5.279e+04	5.45e-03	-950.00	0.0	203.76	908.57	74.45	132.76	-7.009e+04	-6.051e+04
		-6.051e+04	-7.009e+04	4.14e-03	0.0	95.0	203.76	433.57	74.45	132.76	-6.144e+04	3240.64
						190.0	203.76	-41.43	74.45	132.76	-5.279e+04	2.187e+04
58	4	-6.165e+04	6.593e+04	0.01	-1278.55	0.0	32.91	-123.91	1173.71	5.395e+04	-1.206e+05	-6.165e+04
		-2.118e+05	-1.206e+05	-0.03	0.0	98.3	32.91	-763.18	1173.71	5.395e+04	-2.733e+04	-1.053e+05
						196.7	32.91	-1402.46	1173.71	5.395e+04	6.593e+04	-2.118e+05
58	5	-3.026e+04	4.013e+04	0.01	-983.50	0.0	219.74	-191.08	725.40	2.492e+04	-7.539e+04	-3.026e+04
		-1.646e+05	-7.539e+04	-0.02	0.0	98.3	219.74	-682.83	725.40	2.492e+04	-1.763e+04	-7.323e+04
						196.7	219.74	-1174.58	725.40	2.492e+04	4.013e+04	-1.646e+05
58	9	-5.083e+04	5.752e+04	0.01	-1278.55	0.0	182.77	-197.22	1027.32	4.029e+04	-1.064e+05	-5.083e+04
		-2.154e+05	-1.064e+05	-0.03	0.0	98.3	182.77	-836.49	1027.32	4.029e+04	-2.443e+04	-1.017e+05
						196.7	182.77	-1475.77	1027.32	4.029e+04	5.752e+04	-2.154e+05
58	115	-3.572e+04	5.226e+04	0.01	-983.50	0.0	53.45	-153.37	989.08	2.676e+04	-1.022e+05	-3.572e+04
		-1.626e+05	-1.022e+05	-0.03	0.0	98.3	53.45	-645.12	989.08	2.676e+04	-2.495e+04	-7.499e+04
						196.7	53.45	-1136.87	989.08	2.676e+04	5.226e+04	-1.626e+05
58	131	-5.011e+04	5.586e+04	0.01	-983.50	0.0	-607.71	-43.73	903.51	2.947e+04	-8.858e+04	-5.011e+04
		-1.554e+05	-8.858e+04	-0.02	0.0	98.3	-607.71	-535.48	903.51	2.947e+04	-1.636e+04	-7.859e+04
						196.7	-607.71	-1027.23	903.51	2.947e+04	5.586e+04	-1.554e+05
58	136	-2.025e+04	3.448e+04	9.58e-03	-983.50	0.0	984.85	-286.63	769.93	3.055e+04	-8.522e+04	-2.025e+04
		-1.734e+05	-8.522e+04	-0.02	0.0	98.3	984.85	-778.38	769.93	3.055e+04	-2.537e+04	-7.262e+04
						196.7	984.85	-1270.13	769.93	3.055e+04	3.448e+04	-1.734e+05
58	137	-5.516e+04	5.131e+04	0.01	-983.50	0.0	-786.76	-15.45	784.27	3.209e+04	-7.599e+04	-5.516e+04
		-1.549e+05	-7.599e+04	-0.02	0.0	98.3	-786.76	-507.20	784.27	3.209e+04	-1.234e+04	-8.086e+04
						196.7	-786.76	-998.95	784.27	3.209e+04	5.131e+04	-1.549e+05
58	140	-1.790e+04	3.664e+04	9.45e-03	-983.50	0.0	1086.00	-297.12	795.34	2.979e+04	-8.740e+04	-1.790e+04
		-1.731e+05	-8.740e+04	-0.02	0.0	98.3	1086.00	-788.87	795.34	2.979e+04	-2.538e+04	-7.130e+04
						196.7	1086.00	-1280.62	795.34	2.979e+04	3.664e+04	-1.731e+05
58	147	-3.591e+04	5.038e+04	0.01	-983.50	0.0	75.23	-154.03	943.96	2.771e+04	-9.753e+04	-3.591e+04
		-1.629e+05	-9.753e+04	-0.03	0.0	98.3	75.23	-645.78	943.96	2.771e+04	-2.357e+04	-7.524e+04
						196.7	75.23	-1137.53	943.96	2.771e+04	5.038e+04	-1.629e+05
58	163	-4.703e+04	5.317e+04	0.01	-983.50	0.0	-436.23	-69.22	877.76	2.980e+04	-8.702e+04	-4.703e+04
		-1.574e+05	-8.702e+04	-0.02	0.0	98.3	-436.23	-560.97	877.76	2.980e+04	-1.693e+04	-7.802e+04
						196.7	-436.23	-1052.72	877.76	2.980e+04	5.317e+04	-1.574e+05
58	168	-2.394e+04	3.663e+04	9.68e-03	-983.50	0.0	795.73	-257.11	774.43	3.064e+04	-8.442e+04	-2.394e+04
		-1.712e+05	-8.442e+04	-0.02	0.0	98.3	795.73	-748.86	774.43	3.064e+04	-2.389e+04	-7.341e+04
						196.7	795.73	-1240.61	774.43	3.064e+04	3.663e+04	-1.712e+05
58	169	-5.094e+04	4.965e+04	0.01	-983.50	0.0	-574.73	-47.34	785.52	3.183e+04	-7.728e+04	-5.094e+04
		-1.570e+05	-7.728e+04	-0.02	0.0	98.3	-574.73	-539.09	785.52	3.183e+04	-1.381e+04	-7.978e+04
						196.7	-574.73	-1030.84	785.52	3.183e+04	4.965e+04	-1.570e+05
58	172	-2.212e+04	3.830e+04	9.58e-03	-983.50	0.0	873.97	-265.23	794.09	3.005e+04	-8.611e+04	-2.212e+04
		-1.710e+05	-8.611e+04	-0.02	0.0	98.3	873.97	-756.98	794.09	3.005e+04	-2.390e+04	-7.238e+04
						196.7	873.97	-1248.73	794.09	3.005e+04	3.830e+04	-1.710e+05
59	1	1.274e+05	9.117e+04	2.25e-03	-888.55	0.0	-1125.19	2431.21	748.18	-3.997e+04	-6930.13	-1.442e+05
		-1.442e+05	-6930.13	-0.02	0.0	68.4	-1125.19	1986.93	748.18	-3.997e+04	4.212e+04	6806.61
						136.7	-1125.19	1542.66	748.18	-3.997e+04	9.117e+04	1.274e+05
59	3	1.359e+05	9.251e+04	2.12e-03	-888.55	0.0	-887.86	2510.01	750.78	-5.635e+04	-4957.98	-1.465e+05
		-1.465e+05	-4957.98	-0.02	0.0	68.4	-887.86	2065.74	750.78	-5.635e+04	4.378e+04	9856.89
						136.7	-887.86	1621.46	750.78	-5.635e+04	9.251e+04	1.359e+05
59	4	1.367e+05	9.244e+04	2.09e-03	-888.55	0.0	-870.51	2526.12	748.63	-5.651e+04	-4774.41	-1.479e+05
		-1.479e+05	-4774.41	-0.02	0.0	68.4	-870.51	2081.84	748.63	-5.651e+04	4.383e+04	9541.07
						136.7	-870.51	1637.57	748.63	-5.651e+04	9.244e+04	1.367e+05
59	8	1.027e+05	7.098e+04	1.67e-03	-683.50	0.0	-731.93	1909.16	578.10	-4.067e+04	-4213.86	-1.116e+05
		-1.116e+05	-4213.86	-0.01	0.0	68.4	-731.93	1567.41	578.10	-4.067e+04	3.338e+04	7256.84
						136.7	-731.93	1225.66	578.10	-4.067e+04	7.098e+04	1.027e+05
59	11	1.349e+05	9.197e+04	2.08e-03	-888.55	0.0	-924.36	2518.57	745.70	-5.174e+04	-5182.48	-1.487e+05
		-1.487e+05	-5182.48	-0.02	0.0	68.4	-924.36	2074.30	745.70	-5.174e+04	4.339e+04	8310.17
						136.7	-924.36	1630.02	745.70	-5.174e+04	9.197e+04	1.349e+05
59	115	1.049e+05	9.923e+04	1.66e-03	-683.50	0.0	-804.11	1925.35	902.84	-1.638e+04	-2.216e+04	-1.116e+05
		-1.116e+05	-2.216e+04	-0.02	0.0	68.4	-804.11	1583.60	902.84	-1.638e+04	3.853e+04	8338.19

						136.7	-804.11	1241.85	902.84	-1.638e+04	9.923e+04	1.049e+05
59	120	1.051e+05	9.655e+04	1.41e-03	-683.50	0.0	-715.40	1862.37	858.50	-1.507e+04	-1.857e+04	-1.028e+05
		-1.028e+05	-1.857e+04	-0.02	0.0	68.4	-715.40	1520.62	858.50	-1.507e+04	3.899e+04	1.286e+04
						136.7	-715.40	1178.87	858.50	-1.507e+04	9.655e+04	1.051e+05
59	137	9.515e+04	6.628e+04	2.28e-03	-683.50	0.0	-1063.55	1958.86	559.81	-3.776e+04	-6872.20	-1.259e+05
		-1.259e+05	-6872.20	-0.01	0.0	68.4	-1063.55	1617.11	559.81	-3.776e+04	2.970e+04	-3703.63
						136.7	-1063.55	1275.36	559.81	-3.776e+04	6.628e+04	9.515e+04
59	140	1.003e+05	7.415e+04	1.22e-03	-683.50	0.0	-677.86	1764.36	594.13	-2.453e+04	-3903.92	-9.414e+04
		-9.414e+04	-3903.92	-0.02	0.0	68.4	-677.86	1422.61	594.13	-2.453e+04	3.512e+04	1.478e+04
						136.7	-677.86	1080.86	594.13	-2.453e+04	7.415e+04	1.003e+05
59	147	1.033e+05	9.266e+04	1.68e-03	-683.50	0.0	-819.19	1910.91	829.05	-1.972e+04	-1.836e+04	-1.112e+05
		-1.112e+05	-1.836e+04	-0.02	0.0	68.4	-819.19	1569.16	829.05	-1.972e+04	3.715e+04	7703.60
						136.7	-819.19	1227.41	829.05	-1.972e+04	9.266e+04	1.033e+05
59	152	1.034e+05	9.059e+04	1.48e-03	-683.50	0.0	-750.56	1862.20	794.75	-1.871e+04	-1.559e+04	-1.044e+05
		-1.044e+05	-1.559e+04	-0.02	0.0	68.4	-750.56	1520.45	794.75	-1.871e+04	3.750e+04	1.120e+04
						136.7	-750.56	1178.70	794.75	-1.871e+04	9.059e+04	1.034e+05
59	169	9.573e+04	6.717e+04	2.16e-03	-683.50	0.0	-1019.88	1936.84	563.70	-3.626e+04	-6536.13	-1.223e+05
		-1.223e+05	-6536.13	-0.01	0.0	68.4	-1019.88	1595.09	563.70	-3.626e+04	3.032e+04	-1611.50
						136.7	-1019.88	1253.34	563.70	-3.626e+04	6.717e+04	9.573e+04
59	172	9.974e+04	7.325e+04	1.34e-03	-683.50	0.0	-721.53	1786.38	590.24	-2.603e+04	-4239.98	-9.774e+04
		-9.774e+04	-4239.98	-0.01	0.0	68.4	-721.53	1444.63	590.24	-2.603e+04	3.451e+04	1.268e+04
						136.7	-721.53	1102.88	590.24	-2.603e+04	7.325e+04	9.974e+04
60	1	1.254e+05	9.475e+04	0.01	-780.00	0.0	-2283.50	-432.30	-60.79	-3.831e+04	9.475e+04	1.254e+05
		9363.01	5.920e+04	-4.16e-03	0.0	60.0	-2283.50	-822.30	-60.79	-3.831e+04	7.697e+04	7.908e+04
						120.0	-2283.50	-1212.30	-60.79	-3.831e+04	5.920e+04	9363.01
60	3	1.333e+05	9.831e+04	0.01	-780.00	0.0	-2215.06	-470.46	80.21	-4.398e+04	9.831e+04	1.333e+05
		1.011e+04	6.547e+04	-4.69e-03	0.0	60.0	-2215.06	-860.46	80.21	-4.398e+04	8.189e+04	8.341e+04
						120.0	-2215.06	-1250.46	80.21	-4.398e+04	6.547e+04	1.011e+04
60	4	1.340e+05	9.816e+04	0.01	-780.00	0.0	-2196.95	-475.55	76.90	-4.387e+04	9.816e+04	1.340e+05
		1.014e+04	6.523e+04	-4.69e-03	0.0	60.0	-2196.95	-865.55	76.90	-4.387e+04	8.170e+04	8.379e+04
						120.0	-2196.95	-1255.55	76.90	-4.387e+04	6.523e+04	1.014e+04
60	5	9.221e+04	7.172e+04	8.63e-03	-600.00	0.0	-1811.36	-309.58	-96.64	-2.744e+04	7.172e+04	9.221e+04
		6860.06	4.343e+04	-2.99e-03	0.0	60.0	-1811.36	-609.58	-96.64	-2.744e+04	5.757e+04	5.854e+04
						120.0	-1811.36	-909.58	-96.64	-2.744e+04	4.343e+04	6860.06
60	8	1.009e+05	7.513e+04	9.18e-03	-600.00	0.0	-1724.81	-352.84	41.06	-3.300e+04	7.513e+04	1.009e+05
		7634.20	4.947e+04	-3.52e-03	0.0	60.0	-1724.81	-652.84	41.06	-3.300e+04	6.230e+04	6.325e+04
						120.0	-1724.81	-952.84	41.06	-3.300e+04	4.947e+04	7634.20
60	12	9.366e+04	7.142e+04	8.72e-03	-600.00	0.0	-1775.15	-319.76	-103.24	-2.723e+04	7.142e+04	9.366e+04
		6920.62	4.295e+04	-2.99e-03	0.0	60.0	-1775.15	-619.76	-103.24	-2.723e+04	5.719e+04	5.929e+04
						120.0	-1775.15	-919.76	-103.24	-2.723e+04	4.295e+04	6920.62
60	115	1.053e+05	9.611e+04	9.21e-03	-600.00	0.0	-1971.16	-420.13	-409.30	-4.012e+04	9.611e+04	1.053e+05
		7438.13	3.265e+04	-6.68e-03	0.0	60.0	-1971.16	-720.13	-409.30	-4.012e+04	6.438e+04	6.535e+04
						120.0	-1971.16	-1020.13	-409.30	-4.012e+04	3.265e+04	7438.13
60	117	8.671e+04	5.782e+04	8.73e-03	-600.00	0.0	-1462.27	-240.00	294.73	-1.889e+04	5.204e+04	8.671e+04
		6577.25	5.204e+04	1.15e-03	0.0	60.0	-1462.27	-540.00	294.73	-1.889e+04	5.493e+04	5.564e+04
						120.0	-1462.27	-840.00	294.73	-1.889e+04	5.782e+04	6577.25
60	119	1.052e+05	9.606e+04	9.23e-03	-600.00	0.0	-1966.00	-419.85	-409.57	-4.013e+04	9.606e+04	1.052e+05
		7431.17	3.261e+04	-6.71e-03	0.0	60.0	-1966.00	-719.85	-409.57	-4.013e+04	6.434e+04	6.533e+04
						120.0	-1966.00	-1019.85	-409.57	-4.013e+04	3.261e+04	7431.17
60	120	1.057e+05	9.414e+04	9.04e-03	-600.00	0.0	-2071.10	-420.37	-375.22	-4.055e+04	9.414e+04	1.057e+05
		7827.31	3.393e+04	-7.30e-03	0.0	60.0	-2071.10	-720.37	-375.22	-4.055e+04	6.404e+04	6.575e+04
						120.0	-2071.10	-1020.37	-375.22	-4.055e+04	3.393e+04	7827.31
60	141	9.343e+04	7.214e+04	9.15e-03	-600.00	0.0	-1533.49	-310.42	-29.58	-2.691e+04	7.214e+04	9.343e+04
		6377.73	4.657e+04	-1.88e-03	0.0	60.0	-1533.49	-610.42	-29.58	-2.691e+04	5.936e+04	5.890e+04
						120.0	-1533.49	-910.42	-29.58	-2.691e+04	4.657e+04	6377.73
60	147	1.032e+05	9.090e+04	9.14e-03	-600.00	0.0	-1924.86	-399.76	-325.74	-3.776e+04	9.090e+04	1.032e+05
		7384.73	3.565e+04	-5.87e-03	0.0	60.0	-1924.86	-699.76	-325.74	-3.776e+04	6.327e+04	6.430e+04
						120.0	-1924.86	-999.76	-325.74	-3.776e+04	3.565e+04	7384.73
60	149	8.886e+04	5.680e+04	8.76e-03	-600.00	0.0	-1531.20	-260.42	218.88	-2.134e+04	5.680e+04	8.886e+04
		6718.78	5.512e+04	-1.06e-03	0.0	60.0	-1531.20	-560.42	218.88	-2.134e+04	5.596e+04	5.679e+04
						120.0	-1531.20	-860.42	218.88	-2.134e+04	5.512e+04	6718.78
60	151	1.032e+05	9.086e+04	9.15e-03	-600.00	0.0	-1920.87	-399.55	-325.95	-3.778e+04	9.086e+04	1.032e+05
		7379.34	3.562e+04	-5.88e-03	0.0	60.0	-1920.87	-699.55	-325.95	-3.778e+04	6.324e+04	6.428e+04
						120.0	-1920.87	-999.55	-325.95	-3.778e+04	3.562e+04	7379.34
60	152	1.035e+05	8.937e+04	9.01e-03	-600.00	0.0	-2002.17	-399.95	-299.37	-3.810e+04	8.937e+04	1.035e+05
		7685.78	3.664e+04	-6.35e-03	0.0	60.0	-2002.17	-699.95	-299.37	-3.810e+04	6.300e+04	6.461e+04
						120.0	-2002.17	-999.95	-299.37	-3.810e+04	3.664e+04	7685.78
60	173	9.405e+04	7.236e+04	9.09e-03	-600.00	0.0	-1586.30	-314.90	-32.00	-2.755e+04	7.236e+04	9.405e+04
		6564.44	4.641e+04	-2.14e-03	0.0	60.0	-1586.30	-614.90	-32.00	-2.755e+04	5.938e+04	5.931e+04
						120.0	-1586.30	-914.90	-32.00	-2.755e+04	4.641e+04	6564.44
61	3	4.786e+05	4.108e+04	-0.07	-2.257e+04	0.0	718.73	9232.96	-118.99	-8010.96	4.108e+04	-5.459e+05
		-8.814e+05	-9194.89	-0.01	0.0	211.2	718.73	460.39	-118.99	-8010.96	1.594e+04	4.786e+05
						422.5	718.73	-1.334e+04	-118.99	-8010.96	-9194.89	-8.814e+05
61	4	4.784e+05	4.116e+04	-0.08	-2.257e+04	0.0	707.18	9242.26	-119.24	-7981.23	4.116e+04	-5.480e+05
		-8.796e+05	-9222.31	-0.01	0.0	211.2	707.18	469.70	-119.24	-7981.23	1.597e+04	4.784e+05
						422.5	707.18	-1.333e+04	-119.24	-7981.23	-9222.31	-8.796e+05
61	12	2.535e+05	2.693e+04	-0.03	-1.153e+04	0.0	536.64	4584.31	-78.85	-5779.86	2.693e+04	-2.340e+05

		-4.775e+05	-6381.26	-9.25e-03	0.0	211.2	536.64	28.67	-78.85	-5779.86	1.028e+04	2.535e+05
						422.5	536.64	-6949.55	-78.85	-5779.86	-6381.26	-4.775e+05
61	113	2.720e+05	1.999e+04	-0.03	-1.365e+04	0.0	384.18	5814.28	-64.15	-3012.94	1.999e+04	-3.915e+05
		-5.062e+05	-7110.02	-3.93e-03	0.0	211.2	384.18	463.75	-64.15	-3012.94	6440.82	2.720e+05
						422.5	384.18	-7832.03	-64.15	-3012.94	-7110.02	-5.062e+05
61	116	3.185e+05	3.711e+04	-0.05	-1.365e+04	0.0	723.16	5162.43	-102.27	-8881.38	3.711e+04	-2.073e+05
		-5.975e+05	-6102.88	-0.02	0.0	211.2	723.16	-188.09	-102.27	-8881.38	1.550e+04	3.185e+05
						422.5	723.16	-8483.88	-102.27	-8881.38	-6102.88	-5.975e+05
61	131	2.994e+05	4.938e+04	-0.04	-1.365e+04	0.0	562.85	5421.45	-149.03	4118.02	4.938e+04	-2.811e+05
		-5.619e+05	-1.359e+04	0.02	0.0	211.2	562.85	70.93	-149.03	4118.02	1.789e+04	2.994e+05
						422.5	562.85	-8224.86	-149.03	4118.02	-1.359e+04	-5.619e+05
61	139	2.996e+05	4.795e+04	-0.04	-1.365e+04	0.0	584.93	5419.17	-147.55	3324.28	4.795e+04	-2.805e+05
		-5.622e+05	-1.439e+04	0.01	0.0	211.2	584.93	68.65	-147.55	3324.28	1.678e+04	2.996e+05
						422.5	584.93	-8227.14	-147.55	3324.28	-1.439e+04	-5.622e+05
61	145	2.773e+05	2.193e+04	-0.04	-1.365e+04	0.0	422.56	5740.47	-68.46	-3677.36	2.193e+04	-3.706e+05
		-5.166e+05	-6995.99	-5.09e-03	0.0	211.2	422.56	389.95	-68.46	-3677.36	7466.71	2.773e+05
						422.5	422.56	-7905.84	-68.46	-3677.36	-6995.99	-5.166e+05
61	148	3.132e+05	3.517e+04	-0.04	-1.365e+04	0.0	684.78	5236.23	-97.96	-8216.96	3.517e+04	-2.282e+05
		-5.872e+05	-6216.90	-0.01	0.0	211.2	684.78	-114.29	-97.96	-8216.96	1.448e+04	3.132e+05
						422.5	684.78	-8410.08	-97.96	-8216.96	-6216.90	-5.872e+05
61	163	2.985e+05	4.466e+04	-0.04	-1.365e+04	0.0	560.77	5436.60	-134.12	1838.89	4.466e+04	-2.852e+05
		-5.596e+05	-1.201e+04	0.01	0.0	211.2	560.77	86.08	-134.12	1838.89	1.633e+04	2.985e+05
						422.5	560.77	-8209.71	-134.12	1838.89	-1.201e+04	-5.596e+05
61	171	2.986e+05	4.355e+04	-0.04	-1.365e+04	0.0	577.85	5434.84	-132.98	1224.88	4.355e+04	-2.848e+05
		-5.599e+05	-1.263e+04	8.31e-03	0.0	211.2	577.85	84.32	-132.98	1224.88	1.546e+04	2.986e+05
						422.5	577.85	-8211.47	-132.98	1224.88	-1.263e+04	-5.599e+05
62	1	3.181e+05	-3656.81	-0.03	-2.124e+04	0.0	802.96	9826.16	3.84	-1.283e+04	-5274.17	-6.359e+05
		-9.706e+05	-5274.17	-5.06e-03	0.0	210.5	802.96	-795.04	3.84	-1.283e+04	-4465.49	3.146e+05
						421.0	802.96	-1.142e+04	3.84	-1.283e+04	-3656.81	-9.706e+05
62	3	4.280e+05	-5193.24	-0.04	-2.749e+04	0.0	801.21	1.276e+04	0.71	-1.601e+04	-5490.84	-8.154e+05
		-1.229e+06	-5490.84	-3.90e-03	0.0	210.5	801.21	-982.30	0.71	-1.601e+04	-5342.04	4.247e+05
						421.0	801.21	-1.473e+04	0.71	-1.601e+04	-5193.24	-1.229e+06
62	4	4.287e+05	-5223.90	-0.04	-2.749e+04	0.0	790.69	1.276e+04	0.70	-1.591e+04	-5520.35	-8.145e+05
		-1.228e+06	-5520.35	-3.88e-03	0.0	210.5	790.69	-982.85	0.70	-1.591e+04	-5372.12	4.255e+05
						421.0	790.69	-1.473e+04	0.70	-1.591e+04	-5223.90	-1.228e+06
62	5	2.007e+05	-2172.33	-0.01	-1.391e+04	0.0	634.32	6415.70	4.16	-8790.61	-3923.87	-4.207e+05
		-6.470e+05	-3923.87	-4.37e-03	0.0	210.5	634.32	-537.75	4.16	-8790.61	-3048.10	1.980e+05
						421.0	634.32	-7491.19	4.16	-8790.61	-2172.33	-6.470e+05
62	14	2.792e+05	-3309.15	-0.02	-1.828e+04	0.0	612.05	8471.68	1.96	-1.082e+04	-4134.56	-5.446e+05
		-8.266e+05	-4134.56	-3.53e-03	0.0	210.5	612.05	-669.92	1.96	-1.082e+04	-3721.86	2.766e+05
						421.0	612.05	-9811.51	1.96	-1.082e+04	-3309.15	-8.266e+05
62	113	2.453e+05	4905.52	-0.02	-1.653e+04	0.0	572.97	7796.38	26.35	-1.177e+04	-6188.56	-5.258e+05
		-7.237e+05	-6188.56	-1.48e-03	0.0	210.5	572.97	-469.95	26.35	-1.177e+04	-641.52	2.453e+05
						421.0	572.97	-8736.29	26.35	-1.177e+04	4905.52	-7.237e+05
62	114	2.452e+05	7463.21	-0.02	-1.653e+04	0.0	595.46	7776.72	20.20	-7963.40	-1041.10	-5.218e+05
		-7.279e+05	-1041.10	-7.18e-03	0.0	210.5	595.46	-489.61	20.20	-7963.40	3211.06	2.452e+05
						421.0	595.46	-8755.95	20.20	-7963.40	7463.21	-7.279e+05
62	116	2.510e+05	-1896.40	-0.02	-1.653e+04	0.0	676.14	7502.44	-20.65	-8307.16	-1896.40	-4.647e+05
		-7.863e+05	-1.059e+04	-6.29e-03	0.0	210.5	676.14	-763.90	-20.65	-8307.16	-6242.65	2.445e+05
						421.0	676.14	-9030.23	-20.65	-8307.16	-1.059e+04	-7.863e+05
62	120	2.511e+05	-1716.37	-0.02	-1.653e+04	0.0	669.49	7503.27	-22.69	-8327.71	-1716.37	-4.648e+05
		-7.861e+05	-1.127e+04	-5.04e-03	0.0	210.5	669.49	-763.07	-22.69	-8327.71	-6493.50	2.446e+05
						421.0	669.49	-9029.40	-22.69	-8327.71	-1.127e+04	-7.861e+05
62	143	2.476e+05	-6962.58	-0.02	-1.653e+04	0.0	618.11	7646.12	15.22	-1.643e+04	-1.337e+04	-4.946e+05
		-7.557e+05	-1.337e+04	6.27e-03	0.0	210.5	618.11	-620.22	15.22	-1.643e+04	-1.017e+04	2.449e+05
						421.0	618.11	-8886.55	15.22	-1.643e+04	-6962.58	-7.557e+05
62	145	2.452e+05	3151.26	-0.02	-1.653e+04	0.0	584.65	7763.10	21.03	-1.137e+04	-5702.61	-5.189e+05
		-7.308e+05	-5702.61	-1.99e-03	0.0	210.5	584.65	-503.23	21.03	-1.137e+04	-1275.67	2.452e+05
						421.0	584.65	-8769.57	21.03	-1.137e+04	3151.26	-7.308e+05
62	146	2.452e+05	5129.80	-0.02	-1.653e+04	0.0	602.05	7747.90	16.27	-8432.75	-1720.72	-5.158e+05
		-7.340e+05	-1720.72	-6.32e-03	0.0	210.5	602.05	-518.44	16.27	-8432.75	1704.54	2.451e+05
						421.0	602.05	-8784.77	16.27	-8432.75	5129.80	-7.340e+05
62	148	2.503e+05	-2382.35	-0.02	-1.653e+04	0.0	664.46	7535.72	-15.33	-8698.67	-2382.35	-4.716e+05
		-7.792e+05	-8834.65	-5.75e-03	0.0	210.5	664.46	-730.62	-15.33	-8698.67	-5608.50	2.446e+05
						421.0	664.46	-8996.95	-15.33	-8698.67	-8834.65	-7.792e+05
62	152	2.503e+05	-2243.09	-0.02	-1.653e+04	0.0	659.31	7536.36	-16.91	-8714.57	-2243.09	-4.717e+05
		-7.790e+05	-9362.01	-4.77e-03	0.0	210.5	659.31	-729.97	-16.91	-8714.57	-5802.55	2.446e+05
						421.0	659.31	-8996.31	-16.91	-8714.57	-9362.01	-7.790e+05
62	175	2.476e+05	-6029.46	-0.02	-1.653e+04	0.0	619.57	7646.86	12.42	-1.498e+04	-1.126e+04	-4.948e+05
		-7.556e+05	-1.126e+04	4.84e-03	0.0	210.5	619.57	-619.47	12.42	-1.498e+04	-8644.19	2.449e+05
						421.0	619.57	-8885.81	12.42	-1.498e+04	-6029.46	-7.556e+05
63	3	7.957e+05	9300.33	-0.16	-2.563e+04	0.0	871.03	1.302e+04	22.52	1.041e+04	-4753.94	-1.266e+06
		-1.266e+06	-4753.94	-0.02	0.0	312.0	871.03	199.47	22.52	1.041e+04	2273.20	7.957e+05
						624.0	871.03	-1.262e+04	22.52	1.041e+04	9300.33	-1.142e+06
63	9	6.264e+05	9970.09	-0.13	-2.011e+04	0.0	827.72	1.026e+04	23.81	1.072e+04	-4888.41	-1.005e+06
		-1.005e+06	-4888.41	-0.02	0.0	312.0	827.72	199.54	23.81	1.072e+04	2540.84	6.264e+05
						624.0	827.72	-9856.98	23.81	1.072e+04	9970.09	-8.802e+05

63	12	4.161e+05	7917.07	-0.09	-1.332e+04	0.0	636.56	6828.28	18.69	8591.21	-3743.77	-6.752e+05
		-6.752e+05	-3743.77	-0.02	0.0	312.0	636.56	167.05	18.69	8591.21	2086.65	4.161e+05
						624.0	636.56	-6494.17	18.69	8591.21	7917.07	-5.710e+05
63	113	5.036e+05	2.111e+04	-0.11	-1.564e+04	0.0	641.85	8188.75	62.06	8782.68	-1.761e+04	-8.313e+05
		-8.313e+05	-1.761e+04	-0.02	0.0	312.0	641.85	368.02	62.06	8782.68	1751.86	5.036e+05
						624.0	641.85	-7452.71	62.06	8782.68	2.111e+04	-6.017e+05
63	134	4.888e+05	3057.84	-0.11	-1.564e+04	0.0	687.45	8020.53	-6.99	7297.75	3057.84	-7.936e+05
		-7.936e+05	-1302.81	-9.26e-04	0.0	312.0	687.45	199.80	-6.99	7297.75	877.52	4.888e+05
						624.0	687.45	-7620.94	-6.99	7297.75	-1302.81	-6.689e+05
63	135	4.856e+05	1.657e+04	-0.10	-1.564e+04	0.0	627.58	7959.02	43.24	9688.31	-1.041e+04	-7.776e+05
		-7.776e+05	-1.041e+04	-0.03	0.0	312.0	627.58	138.29	43.24	9688.31	3079.47	4.856e+05
						624.0	627.58	-7682.44	43.24	9688.31	1.657e+04	-6.913e+05
63	137	4.939e+05	2.166e+04	-0.11	-1.564e+04	0.0	633.97	8063.90	60.54	8771.59	-1.612e+04	-8.020e+05
		-8.020e+05	-1.612e+04	-0.03	0.0	312.0	633.97	243.17	60.54	8771.59	2773.22	4.939e+05
						624.0	633.97	-7577.56	60.54	8771.59	2.166e+04	-6.502e+05
63	145	4.998e+05	1.806e+04	-0.11	-1.564e+04	0.0	645.40	8143.70	52.11	8717.09	-1.445e+04	-8.210e+05
		-8.210e+05	-1.445e+04	-0.02	0.0	312.0	645.40	322.97	52.11	8717.09	1803.18	4.998e+05
						624.0	645.40	-7497.77	52.11	8717.09	1.806e+04	-6.194e+05
63	166	4.884e+05	1532.90	-0.11	-1.564e+04	0.0	680.67	8013.57	-1.30	7568.41	1532.90	-7.918e+05
		-7.918e+05	720.74	-3.16e-03	0.0	312.0	680.67	192.83	-1.30	7568.41	1126.82	4.884e+05
						624.0	680.67	-7627.90	-1.30	7568.41	720.74	-6.715e+05
63	167	4.859e+05	1.455e+04	-0.10	-1.564e+04	0.0	634.36	7965.99	37.55	9417.65	-8886.25	-7.794e+05
		-7.794e+05	-8886.25	-0.03	0.0	312.0	634.36	145.26	37.55	9417.65	2830.17	4.859e+05
						624.0	634.36	-7675.48	37.55	9417.65	1.455e+04	-6.888e+05
63	169	4.924e+05	1.849e+04	-0.11	-1.564e+04	0.0	639.30	8047.12	50.94	8708.51	-1.330e+04	-7.983e+05
		-7.983e+05	-1.330e+04	-0.03	0.0	312.0	639.30	226.39	50.94	8708.51	2593.27	4.924e+05
						624.0	639.30	-7594.35	50.94	8708.51	1.849e+04	-6.570e+05
64	3	9.326e+05	-1845.63	-0.02	-2.523e+04	0.0	462.92	1.082e+04	42.18	-1.018e+04	-1.896e+04	-4.534e+04
		-8.025e+05	-1.896e+04	-2.74e-03	0.0	210.8	462.92	-1795.42	42.18	-1.018e+04	-1.040e+04	9.060e+05
						421.7	462.92	-1.441e+04	42.18	-1.018e+04	-1845.63	-8.025e+05
64	4	9.338e+05	-1831.15	-0.02	-2.523e+04	0.0	415.67	1.080e+04	43.07	-1.015e+04	-1.933e+04	-4.050e+04
		-8.060e+05	-1.933e+04	-2.70e-03	0.0	210.8	415.67	-1815.17	43.07	-1.015e+04	-1.058e+04	9.067e+05
						421.7	415.67	-1.443e+04	43.07	-1.015e+04	-1831.15	-8.060e+05
64	8	6.917e+05	-1450.99	-0.02	-1.860e+04	0.0	378.39	7949.86	32.65	-8020.65	-1.463e+04	-2.433e+04
		-5.937e+05	-1.463e+04	-2.26e-03	0.0	210.8	378.39	-1350.21	32.65	-8020.65	-8042.12	6.714e+05
						421.7	378.39	-1.065e+04	32.65	-8020.65	-1450.99	-5.937e+05
64	9	7.771e+05	-1991.72	-0.02	-2.013e+04	0.0	349.15	8353.04	48.49	-1.124e+04	-2.140e+04	4.854e+04
		-6.743e+05	-2.140e+04	-3.35e-03	0.0	210.8	349.15	-1714.01	48.49	-1.124e+04	-1.169e+04	7.485e+05
						421.7	349.15	-1.178e+04	48.49	-1.124e+04	-1991.72	-6.743e+05
64	12	5.350e+05	-1611.56	0.01	-1.350e+04	0.0	311.87	5503.10	38.07	-9104.19	-1.670e+04	6.472e+04
		-4.620e+05	-1.670e+04	-2.90e-03	0.0	210.8	311.87	-1249.06	38.07	-9104.19	-9157.09	5.132e+05
						421.7	311.87	-8001.21	38.07	-9104.19	-1611.56	-4.620e+05
64	113	4.437e+05	-2270.02	0.01	-1.564e+04	0.0	3743.60	7233.49	83.54	-1013.20	-3.797e+04	-2.594e+05
		-5.077e+05	-3.797e+04	4.06e-03	0.0	210.8	3743.60	-588.79	83.54	-1013.20	-2.012e+04	4.411e+05
						421.7	3743.60	-8411.07	83.54	-1013.20	-2270.02	-5.077e+05
64	114	4.555e+05	-193.13	0.01	-1.564e+04	0.0	3549.26	7183.81	115.46	-1.399e+04	-4.651e+04	-2.384e+05
		-5.077e+05	-4.651e+04	-5.58e-03	0.0	210.8	3549.26	-638.47	115.46	-1.399e+04	-2.335e+04	4.516e+05
						421.7	3549.26	-8460.75	115.46	-1.399e+04	-193.13	-5.077e+05
64	115	7.563e+05	1.534e+04	-0.02	-1.564e+04	0.0	-2802.41	5904.49	-45.09	-3358.58	1.534e+04	2.864e+05
		-5.223e+05	-2920.47	-8.83e-04	0.0	210.8	-2802.41	-1917.79	-45.09	-3358.58	6211.25	7.067e+05
						421.7	-2802.41	-9740.07	-45.09	-3358.58	-2920.47	-5.223e+05
64	116	7.694e+05	6798.21	-0.02	-1.564e+04	0.0	-2996.74	5854.81	-13.17	-1.633e+04	6798.21	3.074e+05
		-5.223e+05	-843.58	-7.37e-03	0.0	210.8	-2996.74	-1967.47	-13.17	-1.633e+04	2977.31	7.173e+05
						421.7	-2996.74	-9789.75	-13.17	-1.633e+04	-843.58	-5.223e+05
64	145	4.791e+05	-2108.52	0.01	-1.564e+04	0.0	2980.47	7077.40	72.59	-2747.43	-3.290e+04	-1.953e+05
		-5.094e+05	-3.290e+04	3.13e-03	0.0	210.8	2980.47	-744.88	72.59	-2747.43	-1.750e+04	4.723e+05
						421.7	2980.47	-8567.16	72.59	-2747.43	-2108.52	-5.094e+05
64	146	4.882e+05	-501.92	0.01	-1.564e+04	0.0	2830.14	7038.97	97.28	-1.278e+04	-3.951e+04	-1.790e+05
		-5.093e+05	-3.951e+04	-4.92e-03	0.0	210.8	2830.14	-783.31	97.28	-1.278e+04	-2.001e+04	4.805e+05
						421.7	2830.14	-8605.60	97.28	-1.278e+04	-501.92	-5.093e+05
64	147	7.198e+05	8339.76	-0.02	-1.564e+04	0.0	-2083.28	6049.34	-26.91	-4561.73	8339.76	2.270e+05
		-5.206e+05	-2611.69	-6.30e-04	0.0	210.8	-2083.28	-1772.95	-26.91	-4561.73	2864.04	6.778e+05
						421.7	-2083.28	-9595.23	-26.91	-4561.73	-2611.69	-5.206e+05
64	148	7.299e+05	1729.84	-0.02	-1.564e+04	0.0	-2233.61	6010.90	-2.22	-1.460e+04	1729.84	2.432e+05
		-5.206e+05	-1005.08	-6.30e-03	0.0	210.8	-2233.61	-1811.38	-2.22	-1.460e+04	362.38	6.860e+05
						421.7	-2233.61	-9633.66	-2.22	-1.460e+04	-1005.08	-5.206e+05
65	1	6.820e+05	2.237e+04	-0.04	-2.014e+04	0.0	5036.73	1.136e+04	74.19	4130.12	-7993.26	-6.694e+05
		-6.694e+05	-7993.26	-0.01	0.0	210.9	5036.73	1290.55	74.19	4130.12	7185.90	6.646e+05
						421.8	5036.73	-8778.89	74.19	4130.12	2.237e+04	-1.251e+05
65	4	8.462e+05	2.077e+04	-0.05	-2.524e+04	0.0	4633.75	1.404e+04	68.25	7653.64	-7850.66	-8.016e+05
		-8.016e+05	-7850.66	-0.01	0.0	210.9	4633.75	1424.81	68.25	7653.64	6461.60	8.294e+05
						421.8	4633.75	-1.119e+04	68.25	7653.64	2.077e+04	-2.006e+05
65	8	6.233e+05	1.606e+04	-0.03	-1.860e+04	0.0	3640.09	1.035e+04	53.04	5281.53	-6046.60	-5.918e+05
		-5.918e+05	-6046.60	-8.05e-03	0.0	210.9	3640.09	1051.48	53.04	5281.53	5004.57	6.109e+05
						421.8	3640.09	-8250.80	53.04	5281.53	1.606e+04	-1.483e+05
65	9	6.846e+05	2.264e+04	-0.04	-2.014e+04	0.0	5010.39	1.140e+04	74.79	4208.88	-8005.56	-6.758e+05
		-6.758e+05	-8005.56	-0.01	0.0	210.9	5010.39	1328.30	74.79	4208.88	7319.57	6.662e+05

						421.8	5010.39	-8741.14	74.79	4208.88	2.264e+04	-1.155e+05
65	113	5.815e+05	2.022e+04	-0.03	-1.565e+04	0.0	5024.57	9044.93	64.00	2883.36	-6776.06	-5.203e+05
		-5.203e+05	-6776.06	-4.01e-03	0.0	210.9	5024.57	1220.79	64.00	2883.36	6722.60	5.622e+05
						421.8	5024.57	-6603.35	64.00	2883.36	2.022e+04	-5410.90
65	116	4.760e+05	1.388e+04	-0.03	-1.565e+04	0.0	2714.98	8569.30	49.31	3630.41	-5497.02	-5.130e+05
		-5.130e+05	-5497.02	-0.01	0.0	210.9	2714.98	745.16	49.31	3630.41	4191.19	4.692e+05
						421.8	2714.98	-7078.98	49.31	3630.41	1.388e+04	-1.987e+05
65	130	5.377e+05	6.894e+04	-0.03	-1.565e+04	0.0	4112.95	8842.27	193.06	-478.68	-7123.54	-5.161e+05
		-5.161e+05	-7123.54	-0.03	0.0	210.9	4112.95	1018.13	193.06	-478.68	3.091e+04	5.237e+05
						421.8	4112.95	-6806.01	193.06	-478.68	6.894e+04	-8.662e+04
65	131	5.198e+05	-5149.54	-0.03	-1.565e+04	0.0	3626.60	8771.96	-79.76	6992.45	-5149.54	-5.173e+05
		-5.173e+05	-3.484e+04	0.01	0.0	210.9	3626.60	947.82	-79.76	6992.45	-2.000e+04	5.077e+05
						421.8	3626.60	-6876.31	-79.76	6992.45	-3.484e+04	-1.175e+05
65	145	5.695e+05	1.950e+04	-0.03	-1.565e+04	0.0	4763.08	8991.08	62.33	2967.94	-6631.25	-5.195e+05
		-5.195e+05	-6631.25	-4.99e-03	0.0	210.9	4763.08	1166.94	62.33	2967.94	6435.99	5.517e+05
						421.8	4763.08	-6657.20	62.33	2967.94	1.950e+04	-2.729e+04
65	148	4.879e+05	1.460e+04	-0.03	-1.565e+04	0.0	2976.47	8623.15	50.97	3545.83	-5641.83	-5.138e+05
		-5.138e+05	-5641.83	-0.01	0.0	210.9	2976.47	799.01	50.97	3545.83	4477.79	4.798e+05
						421.8	2976.47	-7025.13	50.97	3545.83	1.460e+04	-1.768e+05
65	162	5.356e+05	5.719e+04	-0.03	-1.565e+04	0.0	4057.89	8834.31	162.17	367.19	-6900.05	-5.162e+05
		-5.162e+05	-6900.05	-0.02	0.0	210.9	4057.89	1010.17	162.17	367.19	2.515e+04	5.219e+05
						421.8	4057.89	-6813.97	162.17	367.19	5.719e+04	-9.011e+04
65	163	5.218e+05	-5373.03	-0.03	-1.565e+04	0.0	3681.66	8779.92	-48.87	6146.58	-5373.03	-5.171e+05
		-5.171e+05	-2.309e+04	6.60e-03	0.0	210.9	3681.66	955.78	-48.87	6146.58	-1.423e+04	5.095e+05
						421.8	3681.66	-6868.35	-48.87	6146.58	-2.309e+04	-1.140e+05
66	3	6.359e+05	2.199e+04	0.02	-2.538e+04	0.0	2014.16	8284.22	-44.46	-8084.99	2.199e+04	6.681e+04
		-1.791e+06	3238.39	-0.01	0.0	210.8	2014.16	-4406.39	-44.46	-8084.99	1.261e+04	4.756e+05
						421.7	2014.16	-1.710e+04	-44.46	-8084.99	3238.39	-1.791e+06
66	4	6.378e+05	2.191e+04	0.02	-2.538e+04	0.0	1994.24	8242.38	-44.02	-8030.95	2.191e+04	7.418e+04
		-1.802e+06	3351.92	-0.01	0.0	210.8	1994.24	-4448.23	-44.02	-8030.95	1.263e+04	4.742e+05
						421.7	1994.24	-1.714e+04	-44.02	-8030.95	3351.92	-1.802e+06
66	5	3.741e+05	1.376e+04	0.03	-1.358e+04	0.0	990.96	3920.93	-32.53	-6370.04	1.376e+04	1.370e+05
		-1.072e+06	44.87	-9.23e-03	0.0	210.8	990.96	-2867.71	-32.53	-6370.04	6902.77	2.480e+05
						421.7	990.96	-9656.66	-32.53	-6370.04	44.87	-1.072e+06
66	12	3.778e+05	1.361e+04	0.03	-1.358e+04	0.0	951.12	3837.25	-31.64	-6261.94	1.361e+04	1.517e+05
		-1.093e+06	271.92	-9.22e-03	0.0	210.8	951.12	-2951.39	-31.64	-6261.94	6942.75	2.451e+05
						421.7	951.12	-9740.34	-31.64	-6261.94	271.92	-1.093e+06
66	122	3.242e+05	1.583e+04	0.02	-1.573e+04	0.0	914.20	5217.62	-40.91	-1.290e+04	1.583e+04	-3.946e+04
		-1.157e+06	-1421.06	-0.01	0.0	210.8	914.20	-2649.01	-40.91	-1.290e+04	7205.75	2.313e+05
						421.7	914.20	-1.052e+04	-40.91	-1.290e+04	-1421.06	-1.157e+06
66	123	5.099e+05	1.395e+04	0.02	-1.573e+04	0.0	1459.70	4375.06	-25.12	299.82	1.395e+04	2.560e+05
		-1.216e+06	3357.42	-4.85e-03	0.0	210.8	1459.70	-3491.58	-25.12	299.82	8654.53	3.492e+05
						421.7	1459.70	-1.136e+04	-25.12	299.82	3357.42	-1.216e+06
66	128	5.110e+05	3739.89	0.02	-1.573e+04	0.0	1402.29	4362.02	-10.75	-1.053e+04	3739.89	2.585e+05
		-1.219e+06	-794.63	-0.01	0.0	210.8	1402.29	-3504.61	-10.75	-1.053e+04	1472.63	3.489e+05
						421.7	1402.29	-1.137e+04	-10.75	-1.053e+04	-794.63	-1.219e+06
66	132	4.420e+05	-5327.97	0.02	-1.573e+04	0.0	1152.86	4662.59	-4.14	-2.553e+04	-5327.97	1.516e+05
		-1.200e+06	-7074.06	-0.02	0.0	210.8	1152.86	-3204.05	-4.14	-2.553e+04	-6201.01	3.053e+05
						421.7	1152.86	-1.107e+04	-4.14	-2.553e+04	-7074.06	-1.200e+06
66	133	3.887e+05	3.591e+04	0.02	-1.573e+04	0.0	1212.40	4940.18	-64.27	1.279e+04	3.591e+04	6.160e+04
		-1.173e+06	8804.85	3.09e-03	0.0	210.8	1212.40	-2926.45	-64.27	1.279e+04	2.236e+04	2.739e+05
						421.7	1212.40	-1.079e+04	-64.27	1.279e+04	8804.85	-1.173e+06
66	154	3.451e+05	1.562e+04	0.02	-1.573e+04	0.0	975.96	5122.23	-39.13	-1.140e+04	1.562e+04	-6004.72
		-1.163e+06	-880.04	-0.01	0.0	210.8	975.96	-2744.40	-39.13	-1.140e+04	7369.78	2.447e+05
						421.7	975.96	-1.061e+04	-39.13	-1.140e+04	-880.04	-1.163e+06
66	155	4.877e+05	1.416e+04	0.02	-1.573e+04	0.0	1397.94	4470.45	-26.91	-1194.08	1.416e+04	2.226e+05
		-1.210e+06	2816.41	-5.83e-03	0.0	210.8	1397.94	-3396.18	-26.91	-1194.08	8490.50	3.358e+05
						421.7	1397.94	-1.126e+04	-26.91	-1194.08	2816.41	-1.210e+06
66	160	4.883e+05	6265.16	0.02	-1.573e+04	0.0	1353.53	4460.37	-15.79	-9568.60	6265.16	2.245e+05
		-1.212e+06	-395.46	-0.01	0.0	210.8	1353.53	-3406.26	-15.79	-9568.60	2934.85	3.356e+05
						421.7	1353.53	-1.127e+04	-15.79	-9568.60	-395.46	-1.212e+06
66	164	4.362e+05	-749.40	0.02	-1.573e+04	0.0	1160.58	4692.87	-10.68	-2.117e+04	-749.40	1.418e+05
		-1.197e+06	-5253.00	-0.02	0.0	210.8	1160.58	-3173.76	-10.68	-2.117e+04	-3001.20	3.019e+05
						421.7	1160.58	-1.104e+04	-10.68	-2.117e+04	-5253.00	-1.197e+06
66	165	3.949e+05	3.115e+04	0.02	-1.573e+04	0.0	1206.64	4907.61	-57.20	8466.40	3.115e+04	7.217e+04
		-1.176e+06	7030.34	-2.77e-03	0.0	210.8	1206.64	-2959.02	-57.20	8466.40	1.909e+04	2.776e+05
						421.7	1206.64	-1.083e+04	-57.20	8466.40	7030.34	-1.176e+06
67	3	4.439e+05	1319.69	-0.07	-2.539e+04	0.0	2380.45	1.621e+04	1.50	-6498.41	685.22	-1.737e+06
		-1.737e+06	685.22	-5.72e-03	0.0	210.9	2380.45	3512.84	1.50	-6498.41	1002.46	3.424e+05
						421.8	2380.45	-9181.73	1.50	-6498.41	1319.69	-2.554e+05
67	4	4.432e+05	1193.63	-0.07	-2.539e+04	0.0	2365.34	1.624e+04	0.91	-6599.50	809.56	-1.747e+06
		-1.747e+06	809.56	-5.66e-03	0.0	210.9	2365.34	3546.41	0.91	-6599.50	1001.60	3.399e+05
						421.8	2365.34	-9148.16	0.91	-6599.50	1193.63	-2.508e+05
67	5	2.195e+05	5854.11	-0.04	-1.358e+04	0.0	1276.85	8970.75	19.92	-2670.67	-2546.48	-1.028e+06
		-1.028e+06	-2546.48	-6.35e-03	0.0	210.9	1276.85	2180.04	19.92	-2670.67	1653.81	1.478e+05
						421.8	1276.85	-4610.67	19.92	-2670.67	5854.11	-1.085e+05
67	12	2.198e+05	5601.98	-0.04	-1.358e+04	0.0	1246.62	9037.88	18.73	-2872.86	-2297.80	-1.047e+06

		-1.047e+06	-2297.80	-6.23e-03	0.0	210.9	1246.62	2247.17	18.73	-2872.86	1652.09	1.428e+05
						421.8	1246.62	-4543.54	18.73	-2872.86	5601.98	-9.938e+04
67	122	3.150e+05	8157.55	-0.04	-1.574e+04	0.0	1094.13	1.046e+04	33.25	-4973.73	-5868.09	-1.149e+06
		-1.149e+06	-5868.09	-0.01	0.0	210.9	1094.13	2588.96	33.25	-4973.73	1144.73	2.270e+05
						421.8	1094.13	-5280.09	33.25	-4973.73	8157.55	-5.683e+04
67	123	2.135e+05	3085.54	-0.05	-1.574e+04	0.0	1851.53	1.004e+04	-7.45	-2118.90	3085.54	-1.137e+06
		-1.137e+06	-56.17	5.06e-04	0.0	210.9	1851.53	2171.59	-7.45	-2118.90	1514.68	1.509e+05
						421.8	1851.53	-5697.46	-7.45	-2118.90	-56.17	-2.209e+05
67	125	3.157e+05	2688.63	-0.04	-1.574e+04	0.0	1141.95	1.046e+04	-27.03	-3698.78	2688.63	-1.147e+06
		-1.147e+06	-8713.66	-1.26e-03	0.0	210.9	1141.95	2586.03	-27.03	-3698.78	-3012.52	2.278e+05
						421.8	1141.95	-5283.02	-27.03	-3698.78	-8713.66	-5.656e+04
67	133	2.779e+05	1.461e+04	-0.04	-1.574e+04	0.0	1452.95	1.030e+04	-103.85	-837.33	1.461e+04	-1.142e+06
		-1.142e+06	-2.920e+04	0.01	0.0	210.9	1452.95	2434.25	-103.85	-837.33	-7294.61	2.014e+05
						421.8	1452.95	-5434.80	-103.85	-837.33	-2.920e+04	-1.150e+05
67	136	2.472e+05	3.730e+04	-0.05	-1.574e+04	0.0	1492.71	1.020e+04	129.65	-6255.31	-1.739e+04	-1.144e+06
		-1.144e+06	-1.739e+04	-0.03	0.0	210.9	1492.71	2326.30	129.65	-6255.31	9954.03	1.764e+05
						421.8	1492.71	-5542.76	129.65	-6255.31	3.730e+04	-1.628e+05
67	154	3.027e+05	7227.60	-0.04	-1.574e+04	0.0	1179.88	1.041e+04	28.64	-4650.51	-4854.37	-1.148e+06
		-1.148e+06	-4854.37	-0.01	0.0	210.9	1179.88	2541.71	28.64	-4650.51	1186.62	2.183e+05
						421.8	1179.88	-5327.35	28.64	-4650.51	7227.60	-7.541e+04
67	155	2.246e+05	2071.82	-0.05	-1.574e+04	0.0	1765.78	1.009e+04	-2.84	-2442.12	2071.82	-1.138e+06
		-1.138e+06	873.77	-8.82e-04	0.0	210.9	1765.78	2218.85	-2.84	-2442.12	1472.80	1.595e+05
						421.8	1765.78	-5650.21	-2.84	-2442.12	873.77	-2.024e+05
67	157	3.032e+05	1764.79	-0.04	-1.574e+04	0.0	1216.87	1.041e+04	-17.99	-3664.25	1764.79	-1.146e+06
		-1.146e+06	-5823.34	-2.25e-03	0.0	210.9	1216.87	2539.44	-17.99	-3664.25	-2029.28	2.190e+05
						421.8	1216.87	-5329.62	-17.99	-3664.25	-5823.34	-7.520e+04
67	165	2.744e+05	1.098e+04	-0.04	-1.574e+04	0.0	1457.45	1.029e+04	-77.41	-1450.74	1.098e+04	-1.142e+06
		-1.142e+06	-2.167e+04	9.46e-03	0.0	210.9	1457.45	2422.03	-77.41	-1450.74	-5341.75	1.986e+05
						421.8	1457.45	-5447.03	-77.41	-1450.74	-2.167e+04	-1.204e+05
67	168	2.507e+05	2.977e+04	-0.05	-1.574e+04	0.0	1488.21	1.021e+04	103.21	-5641.89	-1.377e+04	-1.144e+06
		-1.144e+06	-1.377e+04	-0.02	0.0	210.9	1488.21	2338.53	103.21	-5641.89	8001.16	1.792e+05
						421.8	1488.21	-5530.53	103.21	-5641.89	2.977e+04	-1.574e+05
68	3	4.233e+05	1.192e+04	0.04	-1.762e+04	0.0	54.75	6948.94	38.51	-1.815e+04	-3485.44	-1.236e+05
		-8.683e+05	-3485.44	-0.01	0.0	200.1	54.75	-1861.15	38.51	-1.815e+04	4219.30	3.853e+05
						400.1	54.75	-1.067e+04	38.51	-1.815e+04	1.192e+04	-8.683e+05
68	4	4.233e+05	1.209e+04	0.04	-1.762e+04	0.0	53.27	6941.46	38.98	-1.775e+04	-3506.72	-1.225e+05
		-8.701e+05	-3506.72	-0.01	0.0	200.1	53.27	-1868.63	38.98	-1.775e+04	4291.40	3.849e+05
						400.1	53.27	-1.068e+04	38.98	-1.775e+04	1.209e+04	-8.701e+05
68	12	2.227e+05	4415.65	0.02	-9215.62	0.0	20.92	3626.13	10.95	-1.192e+04	35.44	-6.210e+04
		-4.549e+05	35.44	-8.15e-03	0.0	200.1	20.92	-981.68	10.95	-1.192e+04	2225.55	2.024e+05
						400.1	20.92	-5589.50	10.95	-1.192e+04	4415.65	-4.549e+05
68	115	2.562e+05	3.522e+04	0.02	-1.079e+04	0.0	85.61	4421.84	140.29	-1.256e+04	-2.091e+04	-1.047e+05
		-4.938e+05	-2.091e+04	-0.03	0.0	200.1	85.61	-972.41	140.29	-1.256e+04	7158.69	2.403e+05
						400.1	85.61	-6366.66	140.29	-1.256e+04	3.522e+04	-4.938e+05
68	120	2.646e+05	3.186e+04	0.02	-1.079e+04	0.0	10.71	4109.92	139.37	-1.253e+04	-2.390e+04	-4.854e+04
		-5.624e+05	-2.390e+04	-0.03	0.0	200.1	10.71	-1284.33	139.37	-1.253e+04	3982.46	2.341e+05
						400.1	10.71	-6678.58	139.37	-1.253e+04	3.186e+04	-5.624e+05
68	130	2.771e+05	1813.43	0.02	-1.079e+04	0.0	-109.87	3696.77	-28.25	-1.312e+04	1813.43	2.570e+04
		-6.535e+05	-9487.62	-6.04e-03	0.0	200.1	-109.87	-1697.48	-28.25	-1.312e+04	-3837.10	2.257e+05
						400.1	-109.87	-7091.73	-28.25	-1.312e+04	-9487.62	-6.535e+05
68	131	2.540e+05	2.145e+04	0.02	-1.079e+04	0.0	169.89	4816.29	62.77	-1.296e+04	-3669.24	-1.760e+05
		-4.072e+05	-3669.24	-0.01	0.0	200.1	169.89	-577.96	62.77	-1.296e+04	8888.46	2.480e+05
						400.1	169.89	-5972.21	62.77	-1.296e+04	2.145e+04	-4.072e+05
68	134	2.775e+05	206.11	0.02	-1.079e+04	0.0	-108.34	3691.01	-19.89	-1.316e+04	206.11	2.675e+04
		-6.547e+05	-7753.60	-7.45e-03	0.0	200.1	-108.34	-1703.24	-19.89	-1.316e+04	-3773.75	2.256e+05
						400.1	-108.34	-7097.49	-19.89	-1.316e+04	-7753.60	-6.547e+05
68	147	2.563e+05	2.860e+04	0.02	-1.079e+04	0.0	73.02	4384.41	112.43	-1.267e+04	-1.638e+04	-9.804e+04
		-5.021e+05	-1.638e+04	-0.02	0.0	200.1	73.02	-1009.84	112.43	-1.267e+04	6109.60	2.395e+05
						400.1	73.02	-6404.09	112.43	-1.267e+04	2.860e+04	-5.021e+05
68	152	2.636e+05	2.600e+04	0.02	-1.079e+04	0.0	15.08	4143.11	111.72	-1.265e+04	-1.870e+04	-5.457e+04
		-5.551e+05	-1.870e+04	-0.02	0.0	200.1	15.08	-1251.13	111.72	-1.265e+04	3652.59	2.347e+05
						400.1	15.08	-6645.38	111.72	-1.265e+04	2.600e+04	-5.551e+05
68	162	2.730e+05	1192.69	0.02	-1.079e+04	0.0	-78.20	3823.52	-17.94	-1.311e+04	1192.69	2867.46
		-6.256e+05	-5985.34	-6.65e-03	0.0	200.1	-78.20	-1570.73	-17.94	-1.311e+04	-2396.33	2.282e+05
						400.1	-78.20	-6964.98	-17.94	-1.311e+04	-5985.34	-6.256e+05
68	163	2.546e+05	1.794e+04	0.02	-1.079e+04	0.0	138.22	4689.54	52.47	-1.298e+04	-3048.50	-1.532e+05
		-4.351e+05	-3048.50	-0.01	0.0	200.1	138.22	-704.71	52.47	-1.298e+04	7447.69	2.454e+05
						400.1	138.22	-6098.96	52.47	-1.298e+04	1.794e+04	-4.351e+05
68	166	2.732e+05	-50.68	0.02	-1.079e+04	0.0	-77.01	3819.06	-11.48	-1.313e+04	-50.68	3675.49
		-6.266e+05	-4643.97	-7.75e-03	0.0	200.1	-77.01	-1575.19	-11.48	-1.313e+04	-2347.32	2.281e+05
						400.1	-77.01	-6969.43	-11.48	-1.313e+04	-4643.97	-6.266e+05
69	3	2.746e+05	4.300e+04	-0.03	-1.786e+04	0.0	-5.12	9359.47	-213.22	3649.34	4.300e+04	-7.178e+05
		-7.178e+05	-4.346e+04	0.01	0.0	202.8	-5.12	430.47	-213.22	3649.34	-232.32	2.746e+05
						405.5	-5.12	-8498.53	-213.22	3649.34	-4.346e+04	-5.433e+05
69	4	2.744e+05	4.347e+04	-0.03	-1.786e+04	0.0	-10.10	9368.81	-215.74	3786.26	4.347e+04	-7.199e+05
		-7.199e+05	-4.401e+04	0.01	0.0	202.8	-10.10	439.82	-215.74	3786.26	-272.38	2.744e+05
						405.5	-10.10	-8489.18	-215.74	3786.26	-4.401e+04	-5.416e+05

69	5	1.454e+05	2.643e+04	-0.01	-9340.00	0.0	62.10	4777.37	-129.51	2827.81	2.643e+04	-3.498e+05
		-3.498e+05	-2.609e+04	7.07e-03	0.0	202.8	62.10	107.37	-129.51	2827.81	172.42	1.454e+05
						405.5	62.10	-4562.63	-129.51	2827.81	-2.609e+04	-3.063e+05
69	129	1.814e+05	4035.31	-0.02	-1.093e+04	0.0	-5.78	6373.84	-25.35	2901.23	4035.31	-5.710e+05
		-5.710e+05	-6246.01	8.97e-03	0.0	202.8	-5.78	906.79	-25.35	2901.23	-1105.35	1.671e+05
						405.5	-5.78	-4560.27	-25.35	2901.23	-6246.01	-2.033e+05
69	132	1.759e+05	5.394e+04	-0.02	-1.093e+04	0.0	78.91	4943.28	-260.28	2826.37	5.394e+04	-2.767e+05
		-4.891e+05	-5.160e+04	8.75e-03	0.0	202.8	78.91	-523.78	-260.28	2826.37	1168.12	1.713e+05
						405.5	78.91	-5990.83	-260.28	2826.37	-5.160e+04	-4.891e+05
69	135	1.816e+05	8673.84	-0.02	-1.093e+04	0.0	-26.03	6368.11	-41.90	3209.35	8673.84	-5.695e+05
		-5.695e+05	-8316.73	9.64e-03	0.0	202.8	-26.03	901.06	-41.90	3209.35	178.55	1.674e+05
						405.5	-26.03	-4566.00	-41.90	3209.35	-8316.73	-2.041e+05
69	142	1.726e+05	4.510e+04	-0.02	-1.093e+04	0.0	99.65	5050.70	-223.37	2493.37	4.510e+04	-2.991e+05
		-4.679e+05	-4.548e+04	8.27e-03	0.0	202.8	99.65	-416.35	-223.37	2493.37	-187.89	1.707e+05
						405.5	99.65	-5883.40	-223.37	2493.37	-4.548e+04	-4.679e+05
69	143	1.792e+05	1.288e+04	-0.02	-1.093e+04	0.0	-26.53	6266.41	-62.27	3234.22	1.288e+04	-5.487e+05
		-5.487e+05	-1.237e+04	9.44e-03	0.0	202.8	-26.53	799.36	-62.27	3234.22	250.66	1.676e+05
						405.5	-26.53	-4667.69	-62.27	3234.22	-1.237e+04	-2.245e+05
69	161	1.778e+05	9685.53	-0.02	-1.093e+04	0.0	3.80	6211.87	-51.95	2892.75	9685.53	-5.377e+05
		-5.377e+05	-1.138e+04	8.87e-03	0.0	202.8	3.80	744.82	-51.95	2892.75	-847.95	1.675e+05
						405.5	3.80	-4722.23	-51.95	2892.75	-1.138e+04	-2.357e+05
69	164	1.713e+05	4.829e+04	-0.02	-1.093e+04	0.0	69.32	5105.24	-233.69	2834.84	4.829e+04	-3.101e+05
		-4.568e+05	-4.647e+04	8.68e-03	0.0	202.8	69.32	-361.81	-233.69	2834.84	910.72	1.708e+05
						405.5	69.32	-5828.86	-233.69	2834.84	-4.647e+04	-4.568e+05
69	167	1.779e+05	1.327e+04	-0.02	-1.093e+04	0.0	-11.85	6207.44	-64.75	3131.11	1.327e+04	-5.365e+05
		-5.365e+05	-1.298e+04	9.38e-03	0.0	202.8	-11.85	740.39	-64.75	3131.11	145.23	1.678e+05
						405.5	-11.85	-4726.66	-64.75	3131.11	-1.298e+04	-2.363e+05
69	174	1.704e+05	4.145e+04	-0.02	-1.093e+04	0.0	85.36	5188.34	-205.13	2577.25	4.145e+04	-3.273e+05
		-4.403e+05	-4.173e+04	8.31e-03	0.0	202.8	85.36	-278.71	-205.13	2577.25	-138.23	1.704e+05
						405.5	85.36	-5745.76	-205.13	2577.25	-4.173e+04	-4.403e+05
69	175	1.761e+05	1.652e+04	-0.02	-1.093e+04	0.0	-12.24	6128.77	-80.51	3150.35	1.652e+04	-5.204e+05
		-5.204e+05	-1.612e+04	9.23e-03	0.0	202.8	-12.24	661.72	-80.51	3150.35	201.01	1.680e+05
						405.5	-12.24	-4805.33	-80.51	3150.35	-1.612e+04	-2.521e+05
70	3	2.519e+05	3.868e+04	-0.03	-1.788e+04	0.0	82.82	8493.93	187.16	-6.676e+04	-3.732e+04	-5.649e+05
		-7.470e+05	-3.732e+04	-0.02	0.0	203.0	82.82	-448.28	187.16	-6.676e+04	678.16	2.519e+05
						406.1	82.82	-9390.49	187.16	-6.676e+04	3.868e+04	-7.470e+05
70	4	2.525e+05	3.905e+04	-0.03	-1.788e+04	0.0	75.04	8495.30	189.61	-6.714e+04	-3.795e+04	-5.647e+05
		-7.461e+05	-3.795e+04	-0.02	0.0	203.0	75.04	-446.91	189.61	-6.714e+04	550.84	2.525e+05
						406.1	75.04	-9389.12	189.61	-6.714e+04	3.905e+04	-7.461e+05
70	5	1.145e+05	2.255e+04	-0.02	-9353.82	0.0	180.96	4284.51	99.03	-3.509e+04	-1.767e+04	-2.832e+05
		-4.426e+05	-1.767e+04	-0.01	0.0	203.0	180.96	-392.40	99.03	-3.509e+04	2438.23	1.119e+05
						406.1	180.96	-5069.32	99.03	-3.509e+04	2.255e+04	-4.426e+05
70	113	1.341e+05	3.299e+04	-0.02	-1.095e+04	0.0	157.59	5236.48	152.37	-4.080e+04	-2.888e+04	-3.733e+05
		-4.702e+05	-2.888e+04	-0.01	0.0	203.0	157.59	-238.66	152.37	-4.080e+04	2053.43	1.341e+05
						406.1	157.59	-5713.80	152.37	-4.080e+04	3.299e+04	-4.702e+05
70	116	1.537e+05	1.758e+04	-0.02	-1.095e+04	0.0	114.25	4964.37	79.92	-4.142e+04	-1.488e+04	-3.027e+05
		-5.101e+05	-1.488e+04	-0.01	0.0	203.0	114.25	-510.77	79.92	-4.142e+04	1350.91	1.494e+05
						406.1	114.25	-5985.91	79.92	-4.142e+04	1.758e+04	-5.101e+05
70	121	1.349e+05	3.653e+04	-0.02	-1.095e+04	0.0	153.86	5223.35	166.84	-4.136e+04	-3.122e+04	-3.698e+05
		-4.721e+05	-3.122e+04	-0.01	0.0	203.0	153.86	-251.80	166.84	-4.136e+04	2653.61	1.349e+05
						406.1	153.86	-5726.94	166.84	-4.136e+04	3.653e+04	-4.721e+05
70	132	1.761e+05	2.039e+04	-0.02	-1.095e+04	0.0	123.70	4697.35	73.30	-4.152e+04	-9382.54	-2.329e+05
		-5.488e+05	-9382.54	-0.01	0.0	203.0	123.70	-777.79	73.30	-4.152e+04	5501.53	1.650e+05
						406.1	123.70	-6252.93	73.30	-4.152e+04	2.039e+04	-5.488e+05
70	133	1.188e+05	3.125e+04	-0.02	-1.095e+04	0.0	147.02	5499.56	163.33	-4.086e+04	-3.508e+04	-4.420e+05
		-4.420e+05	-3.508e+04	-0.01	0.0	203.0	147.02	24.42	163.33	-4.086e+04	-1917.14	1.188e+05
						406.1	147.02	-5450.73	163.33	-4.086e+04	3.125e+04	-4.321e+05
70	145	1.359e+05	3.125e+04	-0.02	-1.095e+04	0.0	152.69	5205.67	144.17	-4.087e+04	-2.730e+04	-3.653e+05
		-4.747e+05	-2.730e+04	-0.01	0.0	203.0	152.69	-269.47	144.17	-4.087e+04	1973.89	1.359e+05
						406.1	152.69	-5744.61	144.17	-4.087e+04	3.125e+04	-4.747e+05
70	148	1.512e+05	1.932e+04	-0.02	-1.095e+04	0.0	119.16	4995.18	88.12	-4.135e+04	-1.646e+04	-3.107e+05
		-5.056e+05	-1.646e+04	-0.01	0.0	203.0	119.16	-479.96	88.12	-4.135e+04	1430.45	1.477e+05
						406.1	119.16	-5955.11	88.12	-4.135e+04	1.932e+04	-5.056e+05
70	153	1.365e+05	3.398e+04	-0.02	-1.095e+04	0.0	149.80	5195.51	155.36	-4.131e+04	-2.911e+04	-3.626e+05
		-4.762e+05	-2.911e+04	-0.01	0.0	203.0	149.80	-279.63	155.36	-4.131e+04	2438.17	1.365e+05
						406.1	149.80	-5754.77	155.36	-4.131e+04	3.398e+04	-4.762e+05
70	164	1.685e+05	2.150e+04	-0.02	-1.095e+04	0.0	126.47	4788.62	83.00	-4.143e+04	-1.221e+04	-2.567e+05
		-5.355e+05	-1.221e+04	-0.01	0.0	203.0	126.47	-686.52	83.00	-4.143e+04	4641.22	1.597e+05
						406.1	126.47	-6161.66	83.00	-4.143e+04	2.150e+04	-5.355e+05
70	165	1.240e+05	2.990e+04	-0.02	-1.095e+04	0.0	144.51	5409.18	152.64	-4.092e+04	-3.209e+04	-4.185e+05
		-4.452e+05	-3.209e+04	-0.01	0.0	203.0	144.51	-65.96	152.64	-4.092e+04	-1097.59	1.240e+05
						406.1	144.51	-5541.10	152.64	-4.092e+04	2.990e+04	-4.452e+05
71	1	3.377e+05	4.038e+04	-0.09	-1.410e+04	0.0	195.51	8624.80	-173.88	2.089e+04	4.038e+04	-7.343e+05
		-7.343e+05	-3.030e+04	0.02	0.0	203.2	195.51	1576.20	-173.88	2.089e+04	5044.57	3.024e+05
						406.5	195.51	-5472.40	-173.88	2.089e+04	-3.030e+04	-9.354e+04
71	3	4.080e+05	4.358e+04	-0.09	-1.790e+04	0.0	117.35	1.051e+04	-182.65	3.578e+04	4.358e+04	-8.442e+05
		-8.442e+05	-3.066e+04	0.02	0.0	203.2	117.35	1560.21	-182.65	3.578e+04	6460.73	3.826e+05

						406.5	117.35	-7390.80	-182.65	3.578e+04	-3.066e+04	-2.100e+04
71	4	4.076e+05	4.370e+04	-0.09	-1.790e+04	0.0	109.00	1.050e+04	-182.67	3.578e+04	4.370e+04	-8.423e+05
		-8.423e+05	-3.055e+04	0.02	0.0	203.2	109.00	1550.50	-182.67	3.578e+04	6572.96	3.825e+05
						406.5	109.00	-7400.52	-182.67	3.578e+04	-3.055e+04	-2.121e+04
71	8	3.019e+05	3.293e+04	-0.07	-1.317e+04	0.0	107.73	7792.51	-139.05	2.519e+04	3.293e+04	-6.331e+05
		-6.331e+05	-2.359e+04	0.02	0.0	203.2	107.73	1208.57	-139.05	2.519e+04	4668.99	2.817e+05
						406.5	107.73	-5375.37	-139.05	2.519e+04	-2.359e+04	-1.418e+05
71	122	2.413e+05	4.471e+04	-0.07	-1.096e+04	0.0	127.03	6531.70	-202.20	4914.15	4.471e+04	-5.480e+05
		-5.480e+05	-3.748e+04	0.03	0.0	203.2	127.03	1051.16	-202.20	4914.15	3611.57	2.227e+05
						406.5	127.03	-4429.37	-202.20	4914.15	-3.748e+04	-1.207e+05
71	129	3.338e+05	3.218e+04	-0.07	-1.096e+04	0.0	313.80	7247.16	-134.55	1.758e+04	3.218e+04	-6.385e+05
		-6.385e+05	-2.251e+04	0.02	0.0	203.2	313.80	1766.62	-134.55	1.758e+04	4834.20	2.775e+05
						406.5	313.80	-3713.91	-134.55	1.758e+04	-2.251e+04	7.961e+04
71	132	2.012e+05	2.997e+04	-0.08	-1.096e+04	0.0	-6.15	6151.41	-133.42	1.550e+04	2.997e+04	-5.005e+05
		-5.005e+05	-2.427e+04	0.02	0.0	203.2	-6.15	670.87	-133.42	1.550e+04	2849.81	1.928e+05
						406.5	-6.15	-4809.66	-133.42	1.550e+04	-2.427e+04	-2.278e+05
71	154	2.460e+05	4.162e+04	-0.07	-1.096e+04	0.0	133.10	6569.64	-186.75	7546.95	4.162e+04	-5.528e+05
		-5.528e+05	-3.429e+04	0.02	0.0	203.2	133.10	1089.11	-186.75	7546.95	3663.75	2.255e+05
						406.5	133.10	-4391.43	-186.75	7546.95	-3.429e+04	-1.101e+05
71	161	3.166e+05	3.193e+04	-0.07	-1.096e+04	0.0	277.57	7123.10	-134.43	1.735e+04	3.193e+04	-6.229e+05
		-6.229e+05	-2.271e+04	0.02	0.0	203.2	277.57	1642.56	-134.43	1.735e+04	4609.53	2.679e+05
						406.5	277.57	-3837.97	-134.43	1.735e+04	-2.271e+04	4.481e+04
71	164	2.139e+05	3.022e+04	-0.08	-1.096e+04	0.0	30.07	6275.46	-133.55	1.574e+04	3.022e+04	-5.161e+05
		-5.161e+05	-2.407e+04	0.02	0.0	203.2	30.07	794.93	-133.55	1.574e+04	3074.48	2.024e+05
						406.5	30.07	-4685.60	-133.55	1.574e+04	-2.407e+04	-1.930e+05
72	3	5.512e+05	2452.40	-0.08	-2.297e+04	0.0	637.96	1.311e+04	-0.10	-1.322e+04	2452.40	-1.024e+06
		-1.024e+06	2408.46	-8.55e-03	0.0	210.5	637.96	1624.44	-0.10	-1.322e+04	2430.43	5.273e+05
						421.0	637.96	-9861.90	-0.10	-1.322e+04	2408.46	-3.397e+05
72	4	5.512e+05	2467.25	-0.08	-2.297e+04	0.0	639.29	1.311e+04	-0.72	-1.310e+04	2467.25	-1.023e+06
		-1.023e+06	2164.06	-8.51e-03	0.0	210.5	639.29	1622.27	-0.72	-1.310e+04	2315.65	5.274e+05
						421.0	639.29	-9864.07	-0.72	-1.310e+04	2164.06	-3.400e+05
72	5	2.795e+05	5029.85	-0.04	-1.173e+04	0.0	349.92	6786.12	7.05	-1.131e+04	2063.15	-5.464e+05
		-5.464e+05	2063.15	-6.95e-03	0.0	210.5	349.92	922.61	7.05	-1.131e+04	3546.50	2.649e+05
						421.0	349.92	-4940.58	7.05	-1.131e+04	5029.85	-1.580e+05
72	7	4.041e+05	2632.69	-0.06	-1.686e+04	0.0	469.67	9637.18	1.77	-1.049e+04	1888.15	-7.552e+05
		-7.552e+05	1888.15	-6.68e-03	0.0	210.5	469.67	1207.66	1.77	-1.049e+04	2260.42	3.862e+05
						421.0	469.67	-7221.40	1.77	-1.049e+04	2632.69	-2.468e+05
72	125	3.411e+05	5857.34	-0.05	-1.388e+04	0.0	404.15	8075.59	15.49	-1.365e+04	-663.46	-6.467e+05
		-6.467e+05	-663.46	-4.85e-03	0.0	210.5	404.15	1134.36	15.49	-1.365e+04	2596.94	3.227e+05
						421.0	404.15	-5806.49	15.49	-1.365e+04	5857.34	-1.691e+05
72	126	3.407e+05	6588.56	-0.05	-1.388e+04	0.0	395.05	8083.11	5.55	-8434.58	4254.09	-6.488e+05
		-6.488e+05	4254.09	-8.81e-03	0.0	210.5	395.05	1141.88	5.55	-8434.58	5421.33	3.221e+05
						421.0	395.05	-5798.97	5.55	-8434.58	6588.56	-1.681e+05
72	130	3.338e+05	1.000e+04	-0.05	-1.388e+04	0.0	382.98	8017.72	-3.85	-1482.48	1.000e+04	-6.403e+05
		-6.403e+05	8385.05	-0.02	0.0	210.5	382.98	1076.49	-3.85	-1482.48	9194.74	3.169e+05
						421.0	382.98	-5864.37	-3.85	-1482.48	8385.05	-1.871e+05
72	131	3.301e+05	-791.34	-0.05	-1.388e+04	0.0	419.81	7945.73	12.36	-2.023e+04	-5995.70	-6.269e+05
		-6.269e+05	-5995.70	3.61e-03	0.0	210.5	419.81	1004.50	12.36	-2.023e+04	-3393.52	3.151e+05
						421.0	419.81	-5936.36	12.36	-2.023e+04	-791.34	-2.040e+05
72	141	3.352e+05	3305.97	-0.05	-1.388e+04	0.0	416.01	7998.48	22.71	-1.961e+04	-6254.27	-6.343e+05
		-6.343e+05	-6254.27	9.16e-04	0.0	210.5	416.01	1057.25	22.71	-1.961e+04	-1474.15	3.188e+05
						421.0	416.01	-5883.61	22.71	-1.961e+04	3305.97	-1.892e+05
72	144	3.286e+05	1.026e+04	-0.05	-1.388e+04	0.0	386.78	7964.96	-14.19	-2108.77	1.026e+04	-6.329e+05
		-6.329e+05	4287.74	-0.01	0.0	210.5	386.78	1023.74	-14.19	-2108.77	7275.37	3.131e+05
						421.0	386.78	-5917.12	-14.19	-2108.77	4287.74	-2.019e+05
72	157	3.390e+05	5390.77	-0.05	-1.388e+04	0.0	403.53	8054.34	12.95	-1.302e+04	-59.37	-6.437e+05
		-6.437e+05	-59.37	-5.26e-03	0.0	210.5	403.53	1113.11	12.95	-1.302e+04	2665.70	3.211e+05
						421.0	403.53	-5827.75	12.95	-1.302e+04	5390.77	-1.751e+05
72	158	3.387e+05	5956.42	-0.05	-1.388e+04	0.0	396.49	8060.15	5.25	-8983.15	3744.67	-6.454e+05
		-6.454e+05	3744.67	-8.32e-03	0.0	210.5	396.49	1118.93	5.25	-8983.15	4850.54	3.207e+05
						421.0	396.49	-5821.93	5.25	-8983.15	5956.42	-1.743e+05
72	162	3.334e+05	8192.92	-0.05	-1.388e+04	0.0	387.15	8009.57	-2.01	-3605.26	8192.92	-6.388e+05
		-6.388e+05	7346.12	-0.01	0.0	210.5	387.15	1068.34	-2.01	-3605.26	7769.52	3.167e+05
						421.0	387.15	-5872.52	-2.01	-3605.26	7346.12	-1.890e+05
72	163	3.305e+05	247.60	-0.05	-1.388e+04	0.0	415.64	7953.88	10.53	-1.811e+04	-4184.19	-6.284e+05
		-6.284e+05	-4184.19	1.53e-03	0.0	210.5	415.64	1012.65	10.53	-1.811e+04	-1968.30	3.153e+05
						421.0	415.64	-5928.21	10.53	-1.811e+04	247.60	-2.021e+05
72	173	3.345e+05	3417.13	-0.05	-1.388e+04	0.0	412.70	7994.69	18.53	-1.762e+04	-4384.21	-6.341e+05
		-6.341e+05	-4384.21	-1.68e-03	0.0	210.5	412.70	1053.46	18.53	-1.762e+04	-483.54	3.182e+05
						421.0	412.70	-5887.40	18.53	-1.762e+04	3417.13	-1.906e+05
72	176	3.294e+05	8392.95	-0.05	-1.388e+04	0.0	390.09	7968.76	-10.02	-4089.73	8392.95	-6.331e+05
		-6.331e+05	4176.59	-0.01	0.0	210.5	390.09	1027.53	-10.02	-4089.73	6284.77	3.138e+05
						421.0	390.09	-5913.33	-10.02	-4089.73	4176.59	-2.005e+05
79	3	4.157e+05	3.609e+04	0.06	-1.827e+04	0.0	343.44	7216.41	-161.82	-1.216e+05	3.609e+04	-1.531e+05
		-9.205e+05	-2.865e+04	0.01	0.0	200.1	343.44	-1918.24	-161.82	-1.216e+05	3720.69	3.769e+05
						400.1	343.44	-1.105e+04	-161.82	-1.216e+05	-2.865e+04	-9.205e+05
79	4	4.147e+05	3.640e+04	0.06	-1.827e+04	0.0	373.02	7212.89	-162.88	-1.204e+05	3.640e+04	-1.536e+05

		-9.225e+05	-2.877e+04	0.01	0.0	200.1	373.02	-1921.77	-162.88	-1.204e+05	3818.51	3.757e+05
						400.1	373.02	-1.106e+04	-162.88	-1.204e+05	-2.877e+04	-9.225e+05
79	7	3.075e+05	2.628e+04	0.04	-1.346e+04	0.0	222.46	5323.95	-117.64	-9.155e+04	2.628e+04	-1.126e+05
		-6.752e+05	-2.079e+04	8.11e-03	0.0	200.1	222.46	-1405.99	-117.64	-9.155e+04	2744.83	2.793e+05
						400.1	222.46	-8135.93	-117.64	-9.155e+04	-2.079e+04	-6.752e+05
79	9	3.254e+05	3.049e+04	0.05	-1.452e+04	0.0	439.16	5740.08	-131.79	-9.351e+04	3.049e+04	-1.273e+05
		-7.362e+05	-2.224e+04	6.51e-03	0.0	200.1	439.16	-1522.10	-131.79	-9.351e+04	4122.17	2.947e+05
						400.1	439.16	-8784.29	-131.79	-9.351e+04	-2.224e+04	-7.362e+05
79	114	2.603e+05	4.828e+04	0.03	-1.129e+04	0.0	221.59	4332.63	-258.90	-7.726e+04	4.828e+04	-7.219e+04
		-5.968e+05	-5.530e+04	0.03	0.0	200.1	221.59	-1311.28	-258.90	-7.726e+04	-3508.30	2.300e+05
						400.1	221.59	-6955.19	-258.90	-7.726e+04	-5.530e+04	-5.968e+05
79	130	2.726e+05	4.575e+04	0.03	-1.129e+04	0.0	61.29	4042.47	-264.62	-7.596e+04	4.575e+04	-1.638e+04
		-6.571e+05	-6.013e+04	9.86e-03	0.0	200.1	61.29	-1601.44	-264.62	-7.596e+04	-7190.57	2.278e+05
						400.1	61.29	-7245.35	-264.62	-7.596e+04	-6.013e+04	-6.571e+05
79	133	2.457e+05	1.238e+04	0.04	-1.129e+04	0.0	495.99	4885.12	8.53	-7.621e+04	8965.37	-1.772e+05
		-4.808e+05	8965.37	0.01	0.0	200.1	495.99	-758.79	8.53	-7.621e+04	1.067e+04	2.355e+05
						400.1	495.99	-6402.70	8.53	-7.621e+04	1.238e+04	-4.808e+05
79	134	2.728e+05	4.237e+04	0.03	-1.129e+04	0.0	68.42	4038.28	-248.56	-7.597e+04	4.237e+04	-1.557e+04
		-6.580e+05	-5.708e+04	7.22e-03	0.0	200.1	68.42	-1605.63	-248.56	-7.597e+04	-7356.13	2.278e+05
						400.1	68.42	-7249.54	-248.56	-7.597e+04	-5.708e+04	-6.580e+05
79	136	2.726e+05	3.693e+04	0.03	-1.129e+04	0.0	45.04	4051.99	-208.45	-7.492e+04	3.693e+04	-1.785e+04
		-6.548e+05	-4.647e+04	-5.01e-03	0.0	200.1	45.04	-1591.92	-208.45	-7.492e+04	-4773.11	2.282e+05
						400.1	45.04	-7235.83	-208.45	-7.492e+04	-4.647e+04	-6.548e+05
79	146	2.592e+05	4.255e+04	0.03	-1.129e+04	0.0	232.67	4363.41	-222.91	-7.687e+04	4.255e+04	-7.793e+04
		-5.903e+05	-4.664e+04	0.02	0.0	200.1	232.67	-1280.50	-222.91	-7.687e+04	-2046.15	2.304e+05
						400.1	232.67	-6924.41	-222.91	-7.687e+04	-4.664e+04	-5.903e+05
79	162	2.687e+05	4.058e+04	0.03	-1.129e+04	0.0	108.67	4138.95	-227.34	-7.587e+04	4.058e+04	-3.475e+04
		-6.369e+05	-5.037e+04	8.50e-03	0.0	200.1	108.67	-1504.96	-227.34	-7.587e+04	-4894.61	2.287e+05
						400.1	108.67	-7148.87	-227.34	-7.587e+04	-5.037e+04	-6.369e+05
79	165	2.472e+05	1.213e+04	0.04	-1.129e+04	0.0	444.94	4790.80	-16.04	-7.606e+04	1.213e+04	-1.592e+05
		-5.005e+05	5713.53	0.01	0.0	200.1	444.94	-853.11	-16.04	-7.606e+04	8922.40	2.347e+05
						400.1	444.94	-6497.03	-16.04	-7.606e+04	5713.53	-5.005e+05
79	166	2.688e+05	3.797e+04	0.03	-1.129e+04	0.0	114.18	4135.71	-214.91	-7.588e+04	3.797e+04	-3.413e+04
		-6.376e+05	-4.802e+04	6.45e-03	0.0	200.1	114.18	-1508.20	-214.91	-7.588e+04	-5022.68	2.287e+05
						400.1	114.18	-7152.11	-214.91	-7.588e+04	-4.802e+04	-6.376e+05
79	168	2.687e+05	3.376e+04	0.03	-1.129e+04	0.0	96.10	4146.32	-183.89	-7.507e+04	3.376e+04	-3.589e+04
		-6.351e+05	-3.981e+04	-2.88e-03	0.0	200.1	96.10	-1497.59	-183.89	-7.507e+04	-3024.56	2.290e+05
						400.1	96.10	-7141.50	-183.89	-7.507e+04	-3.981e+04	-6.351e+05
80	3	2.765e+05	1.634e+04	-0.03	-1.852e+04	0.0	216.71	9708.07	-135.19	-2105.35	1.634e+04	-7.533e+05
		-7.533e+05	-3.848e+04	4.96e-03	0.0	202.8	216.71	450.13	-135.19	-2105.35	-1.107e+04	2.765e+05
						405.5	216.71	-8807.81	-135.19	-2105.35	-3.848e+04	-5.707e+05
80	4	2.763e+05	1.656e+04	-0.03	-1.852e+04	0.0	245.88	9718.38	-137.13	-2067.00	1.656e+04	-7.556e+05
		-7.556e+05	-3.905e+04	5.26e-03	0.0	202.8	245.88	460.44	-137.13	-2067.00	-1.125e+04	2.763e+05
						405.5	245.88	-8797.50	-137.13	-2067.00	-3.905e+04	-5.689e+05
80	7	2.043e+05	1.280e+04	-0.02	-1.364e+04	0.0	120.25	7121.55	-102.03	-1626.38	1.280e+04	-5.482e+05
		-5.482e+05	-2.857e+04	3.20e-03	0.0	202.8	120.25	300.78	-102.03	-1626.38	-7883.88	2.043e+05
						405.5	120.25	-6520.00	-102.03	-1626.38	-2.857e+04	-4.262e+05
80	9	2.205e+05	2.014e+04	-0.02	-1.472e+04	0.0	277.52	7647.68	-145.35	-1695.50	2.014e+04	-5.839e+05
		-5.839e+05	-3.880e+04	4.51e-03	0.0	202.8	277.52	287.48	-145.35	-1695.50	-9334.32	2.205e+05
						405.5	277.52	-7072.72	-145.35	-1695.50	-3.880e+04	-4.674e+05
80	11	2.594e+05	1.778e+04	-0.02	-1.738e+04	0.0	275.80	9104.39	-140.96	-1928.71	1.778e+04	-7.057e+05
		-7.057e+05	-3.938e+04	5.24e-03	0.0	202.8	275.80	415.77	-140.96	-1928.71	-1.080e+04	2.594e+05
						405.5	275.80	-8272.85	-140.96	-1928.71	-3.938e+04	-5.371e+05
80	121	1.713e+05	6855.58	-0.01	-1.144e+04	0.0	264.88	6077.90	-67.07	-979.30	6855.58	-4.812e+05
		-4.812e+05	-2.034e+04	0.01	0.0	202.8	264.88	357.82	-67.07	-979.30	-6743.52	1.713e+05
						405.5	264.88	-5362.27	-67.07	-979.30	-2.034e+04	-3.361e+05
80	124	1.724e+05	2.299e+04	-0.01	-1.144e+04	0.0	31.44	5769.81	-147.61	-1819.52	2.299e+04	-4.176e+05
		-4.176e+05	-3.686e+04	-9.62e-03	0.0	202.8	31.44	49.73	-147.61	-1819.52	-6934.60	1.724e+05
						405.5	31.44	-5670.36	-147.61	-1819.52	-3.686e+04	-3.974e+05
80	129	1.817e+05	1.310e+04	-0.01	-1.144e+04	0.0	242.06	6450.77	101.97	-826.55	-2.825e+04	-5.558e+05
		-5.558e+05	-2.825e+04	0.01	0.0	202.8	242.06	730.69	101.97	-826.55	-7574.04	1.722e+05
						405.5	242.06	-4989.40	101.97	-826.55	1.310e+04	-2.595e+05
80	130	1.710e+05	6.480e+04	-0.02	-1.144e+04	0.0	111.25	5409.51	-352.24	-1437.51	6.480e+04	-3.459e+05
		-4.719e+05	-7.803e+04	3.52e-03	0.0	202.8	111.25	-310.57	-352.24	-1437.51	-6616.03	1.710e+05
						405.5	111.25	-6030.66	-352.24	-1437.51	-7.803e+04	-4.719e+05
80	135	1.820e+05	1.859e+04	-0.01	-1.144e+04	0.0	184.43	6445.13	128.12	-1192.47	-3.337e+04	-5.542e+05
		-5.542e+05	-3.337e+04	4.56e-03	0.0	202.8	184.43	725.05	128.12	-1192.47	-7389.84	1.727e+05
						405.5	184.43	-4995.04	128.12	-1192.47	1.859e+04	-2.602e+05
80	153	1.714e+05	8682.69	-0.01	-1.144e+04	0.0	238.45	6043.02	-76.19	-1074.43	8682.69	-4.740e+05
		-4.740e+05	-2.221e+04	8.49e-03	0.0	202.8	238.45	322.94	-76.19	-1074.43	-6765.15	1.714e+05
						405.5	238.45	-5397.15	-76.19	-1074.43	-2.221e+04	-3.430e+05
80	156	1.723e+05	2.117e+04	-0.01	-1.144e+04	0.0	57.87	5804.69	-138.49	-1724.40	2.117e+04	-4.248e+05
		-4.248e+05	-3.499e+04	-7.37e-03	0.0	202.8	57.87	84.61	-138.49	-1724.40	-6912.97	1.723e+05
						405.5	57.87	-5635.47	-138.49	-1724.40	-3.499e+04	-3.905e+05
80	161	1.786e+05	3657.62	-0.01	-1.144e+04	0.0	220.80	6331.46	54.58	-956.26	-1.847e+04	-5.317e+05
		-5.317e+05	-1.847e+04	8.99e-03	0.0	202.8	220.80	611.38	54.58	-956.26	-7407.61	1.721e+05
						405.5	220.80	-5108.71	54.58	-956.26	3657.62	-2.838e+05

80	162	1.712e+05	5.351e+04	-0.02	-1.144e+04	0.0	119.61	5525.98	-296.79	-1428.88	5.351e+04	-3.693e+05
		-4.481e+05	-6.684e+04	3.35e-03	0.0	202.8	119.61	-194.11	-296.79	-1428.88	-6666.53	1.712e+05
						405.5	119.61	-5914.19	-296.79	-1428.88	-6.684e+04	-4.481e+05
80	167	1.788e+05	7901.81	-0.01	-1.144e+04	0.0	176.22	6327.10	74.81	-1239.33	-2.243e+04	-5.305e+05
		-5.305e+05	-2.243e+04	4.03e-03	0.0	202.8	176.22	607.01	74.81	-1239.33	-7265.12	1.725e+05
						405.5	176.22	-5113.07	74.81	-1239.33	7901.81	-2.843e+05
81	3	2.741e+05	6.743e+04	-0.04	-1.854e+04	0.0	557.20	9226.27	341.34	6.214e+04	-7.115e+04	-6.580e+05
		-6.755e+05	-7.115e+04	-0.06	0.0	203.0	557.20	-43.09	341.34	6.214e+04	-1856.66	2.741e+05
						406.0	557.20	-9312.44	341.34	6.214e+04	6.743e+04	-6.755e+05
81	4	2.750e+05	6.797e+04	-0.04	-1.854e+04	0.0	603.24	9237.94	344.95	6.147e+04	-7.208e+04	-6.594e+05
		-6.722e+05	-7.208e+04	-0.06	0.0	203.0	603.24	-31.41	344.95	6.147e+04	-2055.33	2.750e+05
						406.0	603.24	-9300.77	344.95	6.147e+04	6.797e+04	-6.722e+05
81	5	1.265e+05	3.926e+04	-0.02	-9858.21	0.0	280.15	4767.70	186.62	3.621e+04	-3.651e+04	-3.410e+05
		-4.066e+05	-3.651e+04	-0.03	0.0	203.0	280.15	-161.40	186.62	3.621e+04	1372.28	1.265e+05
						406.0	280.15	-5090.51	186.62	3.621e+04	3.926e+04	-4.066e+05
81	11	2.545e+05	6.548e+04	-0.04	-1.740e+04	0.0	629.92	8651.23	330.53	5.753e+04	-6.871e+04	-6.188e+05
		-6.383e+05	-6.871e+04	-0.06	0.0	203.0	629.92	-48.11	330.53	5.753e+04	-1612.04	2.545e+05
						406.0	629.92	-8747.44	330.53	5.753e+04	6.548e+04	-6.383e+05
81	114	1.617e+05	2.270e+04	-0.02	-1.145e+04	0.0	520.10	5526.82	98.64	4.010e+04	-1.735e+04	-3.789e+05
		-4.602e+05	-1.735e+04	-0.02	0.0	203.0	520.10	-200.31	98.64	4.010e+04	2673.74	1.617e+05
						406.0	520.10	-5927.45	98.64	4.010e+04	2.270e+04	-4.602e+05
81	115	1.530e+05	6.535e+04	-0.02	-1.145e+04	0.0	177.72	5705.23	332.23	4.029e+04	-6.953e+04	-4.238e+05
		-4.327e+05	-6.953e+04	-0.05	0.0	203.0	177.72	-21.91	332.23	4.029e+04	-2090.15	1.530e+05
						406.0	177.72	-5749.05	332.23	4.029e+04	6.535e+04	-4.327e+05
81	132	1.768e+05	2.754e+04	-0.02	-1.145e+04	0.0	404.24	5262.38	86.84	3.983e+04	-7717.50	-3.129e+05
		-5.016e+05	-7717.50	-0.04	0.0	203.0	404.24	-464.76	86.84	3.983e+04	9911.20	1.741e+05
						406.0	404.24	-6191.89	86.84	3.983e+04	2.754e+04	-5.016e+05
81	135	1.409e+05	6.965e+04	-0.02	-1.145e+04	0.0	208.75	5963.95	387.88	4.067e+04	-8.783e+04	-4.885e+05
		-4.885e+05	-8.783e+04	-0.04	0.0	203.0	208.75	236.82	387.88	4.067e+04	-9092.18	1.409e+05
						406.0	208.75	-5490.32	387.88	4.067e+04	6.965e+04	-3.923e+05
81	146	1.608e+05	2.753e+04	-0.02	-1.145e+04	0.0	481.34	5547.02	125.08	4.012e+04	-2.326e+04	-3.840e+05
		-4.571e+05	-2.326e+04	-0.02	0.0	203.0	481.34	-180.12	125.08	4.012e+04	2134.38	1.608e+05
						406.0	481.34	-5907.25	125.08	4.012e+04	2.753e+04	-4.571e+05
81	147	1.540e+05	6.052e+04	-0.02	-1.145e+04	0.0	216.48	5685.03	305.78	4.027e+04	-6.362e+04	-4.187e+05
		-4.358e+05	-6.362e+04	-0.05	0.0	203.0	216.48	-42.11	305.78	4.027e+04	-1550.79	1.540e+05
						406.0	216.48	-5769.24	305.78	4.027e+04	6.052e+04	-4.358e+05
81	164	1.710e+05	3.127e+04	-0.02	-1.145e+04	0.0	391.71	5342.46	115.96	3.991e+04	-1.581e+04	-3.329e+05
		-4.891e+05	-1.581e+04	-0.04	0.0	203.0	391.71	-384.68	115.96	3.991e+04	7733.01	1.703e+05
						406.0	391.71	-6111.82	115.96	3.991e+04	3.127e+04	-4.891e+05
81	167	1.446e+05	6.385e+04	-0.02	-1.145e+04	0.0	240.49	5885.17	348.83	4.057e+04	-7.778e+04	-4.688e+05
		-4.688e+05	-7.778e+04	-0.04	0.0	203.0	240.49	158.03	348.83	4.057e+04	-6967.31	1.446e+05
						406.0	240.49	-5569.10	348.83	4.057e+04	6.385e+04	-4.046e+05
82	1	3.473e+05	5.110e+04	-0.08	-1.476e+04	0.0	818.84	8761.44	-231.05	6.847e+04	5.110e+04	-7.071e+05
		-7.071e+05	-4.285e+04	3.91e-03	0.0	203.3	818.84	1381.28	-231.05	6.847e+04	4125.17	3.239e+05
						406.6	818.84	-5998.89	-231.05	6.847e+04	-4.285e+04	-1.455e+05
82	3	4.272e+05	5.393e+04	-0.07	-1.857e+04	0.0	855.18	1.061e+04	-235.30	7.811e+04	5.393e+04	-8.054e+05
		-8.054e+05	-4.174e+04	-3.59e-03	0.0	203.3	855.18	1327.69	-235.30	7.811e+04	6096.91	4.082e+05
						406.6	855.18	-7955.36	-235.30	7.811e+04	-4.174e+04	-2.655e+05
82	4	4.261e+05	5.414e+04	-0.07	-1.857e+04	0.0	906.91	1.059e+04	-235.56	7.780e+04	5.414e+04	-8.017e+05
		-8.017e+05	-4.163e+04	-3.74e-03	0.0	203.3	906.91	1306.77	-235.56	7.780e+04	6255.01	4.076e+05
						406.6	906.91	-7976.28	-235.56	7.780e+04	-4.163e+04	-2.703e+05
82	5	2.426e+05	3.780e+04	-0.07	-9872.78	0.0	532.92	6053.30	-175.43	4.942e+04	3.780e+04	-5.116e+05
		-5.116e+05	-3.354e+04	4.98e-03	0.0	203.3	532.92	1116.91	-175.43	4.942e+04	2129.28	2.172e+05
						406.6	532.92	-3819.48	-175.43	4.942e+04	-3.354e+04	-5.748e+04
82	11	4.010e+05	5.350e+04	-0.07	-1.742e+04	0.0	947.74	1.001e+04	-234.54	7.460e+04	5.350e+04	-7.685e+05
		-7.685e+05	-4.186e+04	-3.39e-03	0.0	203.3	947.74	1301.93	-234.54	7.460e+04	5821.59	3.818e+05
						406.6	947.74	-7410.26	-234.54	7.460e+04	-4.186e+04	-2.391e+05
82	125	2.827e+05	3.016e+04	-0.06	-1.147e+04	0.0	779.02	6908.34	-152.49	5.386e+04	3.016e+04	-5.619e+05
		-5.619e+05	-3.185e+04	2.17e-03	0.0	203.3	779.02	1172.74	-152.49	5.386e+04	-844.58	2.595e+05
						406.6	779.02	-4562.86	-152.49	5.386e+04	-3.185e+04	-8.508e+04
82	127	2.837e+05	5.100e+04	-0.06	-1.147e+04	0.0	466.85	6918.80	-209.92	5.248e+04	5.100e+04	-5.636e+05
		-5.636e+05	-3.435e+04	7.80e-03	0.0	203.3	466.85	1183.19	-209.92	5.248e+04	8322.12	2.600e+05
						406.6	466.85	-4552.41	-209.92	5.248e+04	-3.435e+04	-8.247e+04
82	128	2.605e+05	4.828e+04	-0.06	-1.147e+04	0.0	410.96	6713.77	-202.68	5.251e+04	4.828e+04	-5.371e+05
		-5.371e+05	-3.413e+04	4.42e-03	0.0	203.3	410.96	978.16	-202.68	5.251e+04	7071.92	2.447e+05
						406.6	410.96	-4757.44	-202.68	5.251e+04	-3.413e+04	-1.394e+05
82	129	3.219e+05	3.616e+04	-0.06	-1.147e+04	0.0	726.06	7220.39	-140.03	5.322e+04	3.616e+04	-6.020e+05
		-6.020e+05	-2.077e+04	9.27e-03	0.0	203.3	726.06	1484.78	-140.03	5.322e+04	7693.31	2.828e+05
						406.6	726.06	-4250.82	-140.03	5.322e+04	-2.077e+04	1680.59
82	130	2.300e+05	3.680e+04	-0.06	-1.147e+04	0.0	556.69	6408.00	-204.52	5.368e+04	3.680e+04	-4.977e+05
		-4.977e+05	-4.636e+04	-4.14e-03	0.0	203.3	556.69	672.40	-204.52	5.368e+04	-4781.99	2.220e+05
						406.6	556.69	-5063.20	-204.52	5.368e+04	-4.636e+04	-2.243e+05
82	157	2.799e+05	3.221e+04	-0.06	-1.147e+04	0.0	737.34	6886.31	-158.17	5.370e+04	3.221e+04	-5.591e+05
		-5.591e+05	-3.210e+04	2.36e-03	0.0	203.3	737.34	1150.71	-158.17	5.370e+04	51.72	2.579e+05
						406.6	737.34	-4584.89	-158.17	5.370e+04	-3.210e+04	-9.123e+04
82	159	2.807e+05	4.833e+04	-0.06	-1.147e+04	0.0	495.86	6894.40	-202.60	5.264e+04	4.833e+04	-5.604e+05
		-5.604e+05	-3.405e+04	6.62e-03	0.0	203.3	495.86	1158.80	-202.60	5.264e+04	7142.74	2.582e+05

						406.6	495.86	-4576.80	-202.60	5.264e+04	-3.405e+04	-8.921e+04
82	160	2.627e+05	4.622e+04	-0.06	-1.147e+04	0.0	452.63	6735.79	-196.99	5.266e+04	4.622e+04	-5.399e+05
		-5.399e+05	-3.387e+04	4.09e-03	0.0	203.3	452.63	1000.19	-196.99	5.266e+04	6175.63	2.464e+05
						406.6	452.63	-4735.41	-196.99	5.266e+04	-3.387e+04	-1.333e+05
82	161	3.102e+05	3.685e+04	-0.06	-1.147e+04	0.0	696.38	7127.70	-148.53	5.321e+04	3.685e+04	-5.901e+05
		-5.901e+05	-2.354e+04	7.76e-03	0.0	203.3	696.38	1392.10	-148.53	5.321e+04	6656.31	2.759e+05
						406.6	696.38	-4343.51	-148.53	5.321e+04	-2.354e+04	-2.412e+04
82	162	2.391e+05	3.734e+04	-0.06	-1.147e+04	0.0	565.36	6499.27	-198.42	5.357e+04	3.734e+04	-5.095e+05
		-5.095e+05	-4.333e+04	-2.61e-03	0.0	203.3	565.36	763.67	-198.42	5.357e+04	-2994.12	2.288e+05
						406.6	565.36	-4971.94	-198.42	5.357e+04	-4.333e+04	-1.990e+05
83	4	2.173e+05	2.590e+04	-0.08	-1.057e+04	0.0	-1188.25	5793.10	129.02	6681.95	-2.656e+04	-4.275e+05
		-4.275e+05	-2.656e+04	-0.07	0.0	203.3	-1188.25	506.24	129.02	6681.95	-328.33	2.129e+05
						406.6	-1188.25	-4780.61	129.02	6681.95	2.590e+04	-2.216e+05
83	5	1.495e+05	9700.55	-0.07	-7004.58	0.0	-511.92	3992.98	53.65	5128.69	-1.211e+04	-3.131e+05
		-3.131e+05	-1.211e+04	-0.03	0.0	203.3	-511.92	490.69	53.65	5128.69	-1206.22	1.426e+05
						406.6	-511.92	-3011.60	53.65	5128.69	9700.55	-1.136e+05
83	9	2.311e+05	2.042e+04	-0.09	-1.105e+04	0.0	-1000.13	6143.24	105.46	7772.10	-2.246e+04	-4.632e+05
		-4.632e+05	-2.246e+04	-0.06	0.0	203.3	-1000.13	618.52	105.46	7772.10	-1023.57	2.242e+05
						406.6	-1000.13	-4906.20	105.46	7772.10	2.042e+04	-2.117e+05
83	122	1.547e+05	1563.37	-0.07	-7435.90	0.0	-442.21	4147.64	28.05	5505.24	-9841.06	-3.156e+05
		-3.156e+05	-9841.06	-0.04	0.0	203.3	-442.21	429.68	28.05	5505.24	-4138.84	1.497e+05
						406.6	-442.21	-3288.27	28.05	5505.24	1563.37	-1.409e+05
83	123	1.580e+05	2.537e+04	-0.07	-7435.90	0.0	-878.15	4196.98	112.85	4791.14	-2.052e+04	-3.236e+05
		-3.236e+05	-2.052e+04	-0.04	0.0	203.3	-878.15	479.03	112.85	4791.14	2424.23	1.517e+05
						406.6	-878.15	-3238.92	112.85	4791.14	2.537e+04	-1.288e+05
83	129	1.621e+05	2.138e+04	-0.07	-7435.90	0.0	-639.97	4255.74	101.80	4968.83	-2.002e+04	-3.329e+05
		-3.329e+05	-2.002e+04	-0.03	0.0	203.3	-639.97	537.79	101.80	4968.83	680.16	1.544e+05
						406.6	-639.97	-3180.16	101.80	4968.83	2.138e+04	-1.142e+05
83	131	1.620e+05	2.720e+04	-0.07	-7435.90	0.0	-752.36	4253.80	121.15	4782.28	-2.206e+04	-3.326e+05
		-3.326e+05	-2.206e+04	-0.04	0.0	203.3	-752.36	535.85	121.15	4782.28	2568.43	1.542e+05
						406.6	-752.36	-3182.10	121.15	4782.28	2.720e+04	-1.148e+05
83	135	1.620e+05	2.688e+04	-0.07	-7435.90	0.0	-758.32	4254.75	120.50	4792.98	-2.211e+04	-3.328e+05
		-3.328e+05	-2.211e+04	-0.04	0.0	203.3	-758.32	536.80	120.50	4792.98	2385.41	1.543e+05
						406.6	-758.32	-3181.15	120.50	4792.98	2.688e+04	-1.145e+05
83	154	1.551e+05	4258.27	-0.07	-7435.90	0.0	-491.56	4153.22	37.65	5424.39	-1.105e+04	-3.165e+05
		-3.165e+05	-1.105e+04	-0.04	0.0	203.3	-491.56	435.27	37.65	5424.39	-3395.78	1.499e+05
						406.6	-491.56	-3282.68	37.65	5424.39	4258.27	-1.395e+05
83	155	1.576e+05	2.267e+04	-0.07	-7435.90	0.0	-828.79	4191.39	103.25	4871.99	-1.931e+04	-3.227e+05
		-3.227e+05	-1.931e+04	-0.04	0.0	203.3	-828.79	473.44	103.25	4871.99	1681.17	1.515e+05
						406.6	-828.79	-3244.51	103.25	4871.99	2.267e+04	-1.302e+05
83	161	1.608e+05	1.958e+04	-0.07	-7435.90	0.0	-644.55	4236.85	94.70	5009.45	-1.892e+04	-3.299e+05
		-3.299e+05	-1.892e+04	-0.03	0.0	203.3	-644.55	518.90	94.70	5009.45	332.02	1.535e+05
						406.6	-644.55	-3199.05	94.70	5009.45	1.958e+04	-1.189e+05
83	163	1.607e+05	2.409e+04	-0.07	-7435.90	0.0	-731.48	4235.35	109.67	4865.13	-2.050e+04	-3.297e+05
		-3.297e+05	-2.050e+04	-0.04	0.0	203.3	-731.48	517.40	109.67	4865.13	1792.72	1.534e+05
						406.6	-731.48	-3200.55	109.67	4865.13	2.409e+04	-1.193e+05
83	167	1.607e+05	2.384e+04	-0.07	-7435.90	0.0	-736.09	4236.08	109.17	4873.41	-2.054e+04	-3.298e+05
		-3.298e+05	-2.054e+04	-0.04	0.0	203.3	-736.09	518.13	109.17	4873.41	1651.14	1.535e+05
						406.6	-736.09	-3199.82	109.17	4873.41	2.384e+04	-1.191e+05
84	3	1.594e+05	1.051e+04	-0.05	-1.008e+04	0.0	-511.95	5127.88	78.40	3.345e+04	-2.132e+04	-3.698e+05
		-3.698e+05	-2.132e+04	-0.04	0.0	203.0	-511.95	86.33	78.40	3.345e+04	-5403.09	1.594e+05
						406.0	-511.95	-4955.21	78.40	3.345e+04	1.051e+04	-3.348e+05
84	4	1.674e+05	1.050e+04	-0.05	-1.056e+04	0.0	-558.45	5368.21	79.23	3.505e+04	-2.167e+04	-3.865e+05
		-3.865e+05	-2.167e+04	-0.04	0.0	203.0	-558.45	89.16	79.23	3.505e+04	-5582.32	1.674e+05
						406.0	-558.45	-5189.90	79.23	3.505e+04	1.050e+04	-3.503e+05
84	5	1.068e+05	2471.15	-0.03	-6994.24	0.0	-46.23	3490.09	21.31	2.661e+04	-6179.50	-2.467e+05
		-2.496e+05	-6179.50	-0.02	0.0	203.0	-46.23	-7.04	21.31	2.661e+04	-1854.18	1.068e+05
						406.0	-46.23	-3504.16	21.31	2.661e+04	2471.15	-2.496e+05
84	11	1.746e+05	9039.85	-0.05	-1.103e+04	0.0	-534.30	5590.70	70.35	3.755e+04	-1.952e+04	-4.003e+05
		-4.003e+05	-1.952e+04	-0.04	0.0	203.0	-534.30	74.13	70.35	3.755e+04	-5241.12	1.746e+05
						406.0	-534.30	-5442.43	70.35	3.755e+04	9039.85	-3.702e+05
84	122	1.157e+05	4277.94	-0.04	-7424.93	0.0	18.49	3702.06	-23.60	2.727e+04	4277.94	-2.590e+05
		-2.633e+05	-5302.48	-0.01	0.0	203.0	18.49	-10.40	-23.60	2.727e+04	-512.27	1.157e+05
						406.0	18.49	-3722.86	-23.60	2.727e+04	-5302.48	-2.633e+05
84	123	1.146e+05	1.432e+04	-0.04	-7424.93	0.0	-393.28	3763.88	95.09	2.636e+04	-2.429e+04	-2.727e+05
		-2.727e+05	-2.429e+04	-0.03	0.0	203.0	-393.28	51.41	95.09	2.636e+04	-4983.82	1.146e+05
						406.0	-393.28	-3661.05	95.09	2.636e+04	1.432e+04	-2.518e+05
84	129	1.129e+05	1.749e+04	-0.04	-7424.93	0.0	-203.05	3844.35	126.48	2.712e+04	-3.386e+04	-2.907e+05
		-2.907e+05	-3.386e+04	-0.01	0.0	203.0	-203.05	131.88	126.48	2.712e+04	-8182.77	1.129e+05
						406.0	-203.05	-3580.58	126.48	2.712e+04	1.749e+04	-2.372e+05
84	131	1.130e+05	2.128e+04	-0.04	-7424.93	0.0	-307.39	3840.85	146.56	2.678e+04	-3.822e+04	-2.899e+05
		-2.899e+05	-3.822e+04	-0.02	0.0	203.0	-307.39	128.38	146.56	2.678e+04	-8468.00	1.130e+05
						406.0	-307.39	-3584.08	146.56	2.678e+04	2.128e+04	-2.378e+05
84	132	1.174e+05	1.385e+04	-0.04	-7424.93	0.0	-171.73	3621.59	-55.00	2.650e+04	1.385e+04	-2.410e+05
		-2.779e+05	-8477.61	-0.03	0.0	203.0	-171.73	-90.87	-55.00	2.650e+04	2686.68	1.174e+05
						406.0	-171.73	-3803.33	-55.00	2.650e+04	-8477.61	-2.779e+05
84	154	1.155e+05	1043.96	-0.04	-7424.93	0.0	-28.13	3709.06	-10.16	2.717e+04	1043.96	-2.606e+05

		-2.620e+05	-3081.02	-0.02	0.0	203.0	-28.13	-3.40	-10.16	2.717e+04	-1018.53	1.155e+05
						406.0	-28.13	-3715.87	-10.16	2.717e+04	-3081.02	-2.620e+05
84	155	1.147e+05	1.210e+04	-0.04	-7424.93	0.0	-346.66	3756.88	81.65	2.646e+04	-2.105e+04	-2.711e+05
		-2.711e+05	-2.105e+04	-0.03	0.0	203.0	-346.66	44.42	81.65	2.646e+04	-4477.56	1.147e+05
						406.0	-346.66	-3668.05	81.65	2.646e+04	1.210e+04	-2.531e+05
84	161	1.134e+05	1.455e+04	-0.04	-7424.93	0.0	-199.51	3819.13	105.94	2.705e+04	-2.846e+04	-2.851e+05
		-2.851e+05	-2.846e+04	-0.02	0.0	203.0	-199.51	106.66	105.94	2.705e+04	-6952.14	1.134e+05
						406.0	-199.51	-3605.80	105.94	2.705e+04	1.455e+04	-2.418e+05
84	163	1.135e+05	1.748e+04	-0.04	-7424.93	0.0	-280.22	3816.42	121.47	2.679e+04	-3.183e+04	-2.844e+05
		-2.844e+05	-3.183e+04	-0.02	0.0	203.0	-280.22	103.96	121.47	2.679e+04	-7172.79	1.135e+05
						406.0	-280.22	-3608.51	121.47	2.679e+04	1.748e+04	-2.422e+05
84	164	1.169e+05	8449.30	-0.04	-7424.93	0.0	-175.28	3646.81	-34.45	2.657e+04	8449.30	-2.466e+05
		-2.733e+05	-5537.19	-0.03	0.0	203.0	-175.28	-65.65	-34.45	2.657e+04	1456.06	1.169e+05
						406.0	-175.28	-3778.11	-34.45	2.657e+04	-5537.19	-2.733e+05
85	1	1.613e+05	8724.26	-0.04	-1.007e+04	0.0	19.40	5148.71	-55.31	769.16	8724.26	-3.721e+05
		-3.721e+05	-1.371e+04	7.53e-03	0.0	202.8	19.40	113.37	-55.31	769.16	-2490.41	1.613e+05
						405.5	19.40	-4921.97	-55.31	769.16	-1.371e+04	-3.261e+05
85	5	1.121e+05	7766.28	-0.02	-6985.63	0.0	70.44	3542.68	-46.12	429.72	7766.28	-2.521e+05
		-2.521e+05	-1.093e+04	4.56e-03	0.0	202.8	70.44	49.86	-46.12	429.72	-1583.89	1.121e+05
						405.5	70.44	-3442.95	-46.12	429.72	-1.093e+04	-2.319e+05
85	9	1.767e+05	8286.72	-0.04	-1.102e+04	0.0	-32.88	5642.13	-54.29	746.49	8286.72	-4.087e+05
		-4.087e+05	-1.373e+04	8.29e-03	0.0	202.8	-32.88	132.36	-54.29	746.49	-2720.73	1.767e+05
						405.5	-32.88	-5377.42	-54.29	746.49	-1.373e+04	-3.550e+05
85	11	1.762e+05	7075.41	-0.04	-1.102e+04	0.0	-57.40	5681.95	-49.61	1071.72	7075.41	-4.173e+05
		-4.173e+05	-1.304e+04	9.57e-03	0.0	202.8	-57.40	172.18	-49.61	1071.72	-2984.02	1.762e+05
						405.5	-57.40	-5337.60	-49.61	1071.72	-1.304e+04	-3.475e+05
85	121	1.185e+05	3376.10	-0.03	-7415.78	0.0	204.08	3828.60	-25.40	897.33	3376.10	-2.819e+05
		-2.819e+05	-6925.37	0.02	0.0	202.8	204.08	120.70	-25.40	897.33	-1774.64	1.185e+05
						405.5	204.08	-3587.19	-25.40	897.33	-6925.37	-2.329e+05
85	124	1.190e+05	1.027e+04	-0.03	-7415.78	0.0	-139.97	3751.88	-60.12	331.03	1.027e+04	-2.659e+05
		-2.659e+05	-1.411e+04	-7.09e-03	0.0	202.8	-139.97	43.99	-60.12	331.03	-1918.68	1.190e+05
						405.5	-139.97	-3663.90	-60.12	331.03	-1.411e+04	-2.480e+05
85	129	1.184e+05	1.827e+04	-0.03	-7415.78	0.0	134.80	3919.02	100.08	896.48	-2.231e+04	-3.003e+05
		-3.003e+05	-2.231e+04	0.02	0.0	202.8	134.80	211.13	100.08	896.48	-2018.84	1.184e+05
						405.5	134.80	-3496.76	100.08	896.48	1.827e+04	-2.147e+05
85	130	1.189e+05	4.285e+04	-0.03	-7415.78	0.0	13.12	3665.27	-220.70	604.56	4.285e+04	-2.483e+05
		-2.656e+05	-4.664e+04	7.60e-03	0.0	202.8	13.12	-42.62	-220.70	604.56	-1894.53	1.189e+05
						405.5	13.12	-3750.51	-220.70	604.56	-4.664e+04	-2.656e+05
85	132	1.190e+05	3.596e+04	-0.03	-7415.78	0.0	-70.69	3661.46	-185.61	331.88	3.596e+04	-2.475e+05
		-2.663e+05	-3.931e+04	-9.00e-03	0.0	202.8	-70.69	-46.43	-185.61	331.88	-1674.48	1.190e+05
						405.5	-70.69	-3754.33	-185.61	331.88	-3.931e+04	-2.663e+05
85	153	1.185e+05	4156.77	-0.03	-7415.78	0.0	165.13	3819.91	-29.34	833.21	4156.77	-2.801e+05
		-2.801e+05	-7738.66	0.01	0.0	202.8	165.13	112.02	-29.34	833.21	-1790.94	1.185e+05
						405.5	165.13	-3595.87	-29.34	833.21	-7738.66	-2.346e+05
85	156	1.189e+05	9490.66	-0.03	-7415.78	0.0	-101.02	3760.57	-56.19	395.14	9490.66	-2.677e+05
		-2.677e+05	-1.330e+04	-4.36e-03	0.0	202.8	-101.02	52.68	-56.19	395.14	-1902.37	1.189e+05
						405.5	-101.02	-3655.22	-56.19	395.14	-1.330e+04	-2.463e+05
85	161	1.185e+05	1.175e+04	-0.03	-7415.78	0.0	111.54	3889.86	67.74	832.55	-1.571e+04	-2.943e+05
		-2.943e+05	-1.571e+04	0.02	0.0	202.8	111.54	181.97	67.74	832.55	-1979.85	1.185e+05
						405.5	111.54	-3525.92	67.74	832.55	1.175e+04	-2.205e+05
85	162	1.189e+05	3.469e+04	-0.03	-7415.78	0.0	17.41	3693.57	-180.41	606.73	3.469e+04	-2.541e+05
		-2.599e+05	-3.846e+04	7.15e-03	0.0	202.8	17.41	-14.32	-180.41	606.73	-1883.69	1.189e+05
						405.5	17.41	-3722.21	-180.41	606.73	-3.846e+04	-2.599e+05
85	164	1.189e+05	2.936e+04	-0.03	-7415.78	0.0	-47.42	3690.62	-153.27	395.80	2.936e+04	-2.534e+05
		-2.605e+05	-3.279e+04	-5.84e-03	0.0	202.8	-47.42	-17.27	-153.27	395.80	-1713.47	1.189e+05
						405.5	-47.42	-3725.17	-153.27	395.80	-3.279e+04	-2.605e+05
86	4	2.221e+05	6.971e+04	0.06	-1.040e+04	0.0	-820.34	4328.64	-341.15	-4.704e+04	6.971e+04	-1.372e+05
		-4.868e+05	-6.678e+04	0.07	0.0	200.1	-820.34	-873.70	-341.15	-4.704e+04	1466.13	2.084e+05
						400.1	-820.34	-6076.04	-341.15	-4.704e+04	-6.678e+04	-4.868e+05
86	5	1.485e+05	4.193e+04	0.03	-6892.60	0.0	-495.59	2896.33	-204.57	-3.673e+04	4.193e+04	-9.454e+04
		-3.146e+05	-3.992e+04	0.03	0.0	200.1	-495.59	-549.97	-204.57	-3.673e+04	1006.53	1.402e+05
						400.1	-495.59	-3996.27	-204.57	-3.673e+04	-3.992e+04	-3.146e+05
86	9	2.345e+05	6.276e+04	0.05	-1.087e+04	0.0	-790.07	4571.94	-306.88	-5.495e+04	6.276e+04	-1.494e+05
		-4.953e+05	-6.002e+04	0.06	0.0	200.1	-790.07	-864.46	-306.88	-5.495e+04	1368.21	2.214e+05
						400.1	-790.07	-6300.86	-306.88	-5.495e+04	-6.002e+04	-4.953e+05
86	11	2.331e+05	6.835e+04	0.06	-1.087e+04	0.0	-831.17	4543.39	-334.47	-5.112e+04	6.835e+04	-1.459e+05
		-5.032e+05	-6.547e+04	0.07	0.0	200.1	-831.17	-893.01	-334.47	-5.112e+04	1439.03	2.193e+05
						400.1	-831.17	-6329.40	-334.47	-5.112e+04	-6.547e+04	-5.032e+05
86	130	1.595e+05	6.335e+04	0.03	-7317.03	0.0	-710.89	2954.28	-341.35	-3.694e+04	6.335e+04	-7.796e+04
		-3.597e+05	-7.323e+04	0.04	0.0	200.1	-710.89	-704.23	-341.35	-3.694e+04	-4938.13	1.471e+05
						400.1	-710.89	-4362.75	-341.35	-3.694e+04	-7.323e+04	-3.597e+05
86	133	1.552e+05	3.414e+04	0.04	-7317.03	0.0	-333.47	3166.46	-142.00	-3.741e+04	3.414e+04	-1.189e+05
		-3.158e+05	-2.268e+04	0.05	0.0	200.1	-333.47	-492.06	-142.00	-3.741e+04	5730.60	1.486e+05
						400.1	-333.47	-4150.57	-142.00	-3.741e+04	-2.268e+04	-3.158e+05
86	134	1.595e+05	6.065e+04	0.03	-7317.03	0.0	-701.51	2953.29	-329.01	-3.689e+04	6.065e+04	-7.776e+04
		-3.599e+05	-7.098e+04	0.04	0.0	200.1	-701.51	-705.23	-329.01	-3.689e+04	-5166.35	1.471e+05
						400.1	-701.51	-4363.74	-329.01	-3.689e+04	-7.098e+04	-3.599e+05

86	136	1.593e+05	5.830e+04	0.03	-7317.03	0.0	-758.52	2959.18	-309.56	-3.588e+04	5.830e+04	-7.883e+04
		-3.586e+05	-6.556e+04	0.03	0.0	200.1	-758.52	-699.34	-309.56	-3.588e+04	-3630.78	1.472e+05
						400.1	-758.52	-4357.85	-309.56	-3.588e+04	-6.556e+04	-3.586e+05
86	162	1.586e+05	5.947e+04	0.04	-7317.03	0.0	-673.55	2978.86	-315.18	-3.687e+04	5.947e+04	-8.269e+04
		-3.546e+05	-6.663e+04	0.04	0.0	200.1	-673.55	-679.65	-315.18	-3.687e+04	-3582.21	1.473e+05
						400.1	-673.55	-4338.17	-315.18	-3.687e+04	-6.663e+04	-3.546e+05
86	165	1.556e+05	3.687e+04	0.04	-7317.03	0.0	-381.59	3142.99	-160.97	-3.724e+04	3.687e+04	-1.144e+05
		-3.206e+05	-2.753e+04	0.05	0.0	200.1	-381.59	-515.52	-160.97	-3.724e+04	4670.72	1.485e+05
						400.1	-381.59	-4174.04	-160.97	-3.724e+04	-2.753e+04	-3.206e+05
86	166	1.586e+05	5.738e+04	0.04	-7317.03	0.0	-666.30	2978.09	-305.63	-3.684e+04	5.738e+04	-8.254e+04
		-3.548e+05	-6.490e+04	0.04	0.0	200.1	-666.30	-680.43	-305.63	-3.684e+04	-3758.76	1.473e+05
						400.1	-666.30	-4338.94	-305.63	-3.684e+04	-6.490e+04	-3.548e+05
86	168	1.586e+05	5.556e+04	0.03	-7317.03	0.0	-710.40	2982.64	-290.59	-3.605e+04	5.556e+04	-8.337e+04
		-3.538e+05	-6.070e+04	0.03	0.0	200.1	-710.40	-675.87	-290.59	-3.605e+04	-2570.90	1.474e+05
						400.1	-710.40	-4334.38	-290.59	-3.605e+04	-6.070e+04	-3.538e+05
91	3	7.660e+05	2.912e+04	-0.13	-2.563e+04	0.0	1020.47	1.290e+04	91.42	1.135e+04	-2.793e+04	-1.258e+06
		-1.258e+06	-2.793e+04	-0.05	0.0	312.0	1020.47	79.09	91.42	1.135e+04	593.50	7.660e+05
						624.0	1020.47	-1.274e+04	91.42	1.135e+04	2.912e+04	-1.209e+06
91	4	7.654e+05	2.920e+04	-0.13	-2.563e+04	0.0	1103.65	1.288e+04	91.85	1.114e+04	-2.812e+04	-1.254e+06
		-1.254e+06	-2.812e+04	-0.05	0.0	312.0	1103.65	63.96	91.85	1.114e+04	537.56	7.654e+05
						624.0	1103.65	-1.275e+04	91.85	1.114e+04	2.920e+04	-1.214e+06
91	5	3.986e+05	2.004e+04	-0.08	-1.332e+04	0.0	650.49	6780.87	57.70	9432.79	-1.596e+04	-6.779e+05
		-6.779e+05	-1.596e+04	-0.03	0.0	312.0	650.49	119.65	57.70	9432.79	2038.77	3.986e+05
						624.0	650.49	-6541.58	57.70	9432.79	2.004e+04	-6.032e+05
91	11	7.151e+05	2.870e+04	-0.13	-2.398e+04	0.0	1186.52	1.205e+04	89.19	1.101e+04	-2.696e+04	-1.173e+06
		-1.173e+06	-2.696e+04	-0.05	0.0	312.0	1186.52	57.87	89.19	1.101e+04	868.48	7.151e+05
						624.0	1186.52	-1.193e+04	89.19	1.101e+04	2.870e+04	-1.137e+06
91	113	4.850e+05	1.671e+04	-0.09	-1.564e+04	0.0	267.74	8129.82	66.95	9623.14	-2.507e+04	-8.315e+05
		-8.315e+05	-2.507e+04	-0.03	0.0	312.0	267.74	309.09	66.95	9623.14	-4183.12	4.850e+05
						624.0	267.74	-7511.64	66.95	9623.14	1.671e+04	-6.386e+05
91	117	4.849e+05	1.962e+04	-0.09	-1.564e+04	0.0	265.99	8129.62	75.64	9289.39	-2.759e+04	-8.315e+05
		-8.315e+05	-2.759e+04	-0.04	0.0	312.0	265.99	308.89	75.64	9289.39	-3985.17	4.849e+05
						624.0	265.99	-7511.84	75.64	9289.39	1.962e+04	-6.387e+05
91	120	4.501e+05	2.223e+04	-0.08	-1.564e+04	0.0	1186.55	7698.79	49.19	8926.56	-8466.92	-7.319e+05
		-8.080e+05	-8466.92	-0.04	0.0	312.0	1186.55	-121.94	49.19	8926.56	6879.62	4.501e+05
						624.0	1186.55	-7942.67	49.19	8926.56	2.223e+04	-8.080e+05
91	127	4.538e+05	3.722e+04	-0.08	-1.564e+04	0.0	1109.31	7739.67	94.07	9385.14	-2.147e+04	-7.410e+05
		-7.916e+05	-2.147e+04	-0.05	0.0	312.0	1109.31	-81.06	94.07	9385.14	7874.22	4.538e+05
						624.0	1109.31	-7901.79	94.07	9385.14	3.722e+04	-7.916e+05
91	137	4.746e+05	3.048e+04	-0.09	-1.564e+04	0.0	551.45	7992.97	95.08	1.002e+04	-2.885e+04	-7.992e+05
		-7.992e+05	-2.885e+04	-0.05	0.0	312.0	551.45	172.24	95.08	1.002e+04	813.22	4.746e+05
						624.0	551.45	-7648.49	95.08	1.002e+04	3.048e+04	-6.917e+05
91	145	4.810e+05	1.766e+04	-0.09	-1.564e+04	0.0	371.56	8081.00	65.92	9506.49	-2.348e+04	-8.202e+05
		-8.202e+05	-2.348e+04	-0.03	0.0	312.0	371.56	260.27	65.92	9506.49	-2908.20	4.810e+05
						624.0	371.56	-7560.46	65.92	9506.49	1.766e+04	-6.578e+05
91	149	4.810e+05	1.991e+04	-0.09	-1.564e+04	0.0	370.21	8080.85	72.65	9248.31	-2.542e+04	-8.202e+05
		-8.202e+05	-2.542e+04	-0.04	0.0	312.0	370.21	260.11	72.65	9248.31	-2755.08	4.810e+05
						624.0	370.21	-7560.62	72.65	9248.31	1.991e+04	-6.579e+05
91	152	4.541e+05	2.193e+04	-0.08	-1.564e+04	0.0	1082.32	7747.57	52.18	8967.64	-1.063e+04	-7.432e+05
		-7.888e+05	-1.063e+04	-0.04	0.0	312.0	1082.32	-73.16	52.18	8967.64	5649.53	4.541e+05
						624.0	1082.32	-7893.89	52.18	8967.64	2.193e+04	-7.888e+05
91	159	4.569e+05	3.353e+04	-0.08	-1.564e+04	0.0	1022.57	7779.19	86.90	9322.38	-2.069e+04	-7.502e+05
		-7.761e+05	-2.069e+04	-0.05	0.0	312.0	1022.57	-41.54	86.90	9322.38	6418.91	4.569e+05
						624.0	1022.57	-7862.27	86.90	9322.38	3.353e+04	-7.761e+05
91	169	4.730e+05	2.831e+04	-0.09	-1.564e+04	0.0	591.04	7975.14	87.69	9811.38	-2.640e+04	-7.952e+05
		-7.952e+05	-2.640e+04	-0.05	0.0	312.0	591.04	154.40	87.69	9811.38	956.79	4.730e+05
						624.0	591.04	-7666.33	87.69	9811.38	2.831e+04	-6.989e+05
92	3	4.926e+05	8040.79	-0.06	-2.749e+04	0.0	872.49	1.307e+04	24.11	-1.440e+04	-2107.48	-8.107e+05
		-1.098e+06	-2107.48	-0.02	0.0	210.5	872.49	-681.93	24.11	-1.440e+04	2966.65	4.926e+05
						421.0	872.49	-1.443e+04	24.11	-1.440e+04	8040.79	-1.098e+06
92	4	4.940e+05	8248.11	-0.06	-2.749e+04	0.0	948.70	1.307e+04	25.15	-1.411e+04	-2341.83	-8.103e+05
		-1.095e+06	-2341.83	-0.02	0.0	210.5	948.70	-677.01	25.15	-1.411e+04	2953.14	4.940e+05
						421.0	948.70	-1.442e+04	25.15	-1.411e+04	8248.11	-1.095e+06
92	5	2.372e+05	4660.28	-0.03	-1.391e+04	0.0	434.69	6603.52	14.38	-7961.68	-1394.00	-4.209e+05
		-5.683e+05	-1394.00	-0.02	0.0	210.5	434.69	-349.92	14.38	-7961.68	1633.14	2.372e+05
						421.0	434.69	-7303.37	14.38	-7961.68	4660.28	-5.683e+05
92	9	3.750e+05	7431.73	-0.05	-2.124e+04	0.0	926.16	1.011e+04	24.08	-1.073e+04	-2704.96	-6.346e+05
		-8.512e+05	-2704.96	-0.02	0.0	210.5	926.16	-514.57	24.08	-1.073e+04	2363.38	3.750e+05
						421.0	926.16	-1.114e+04	24.08	-1.073e+04	7431.73	-8.512e+05
92	11	4.593e+05	8148.33	-0.06	-2.562e+04	0.0	995.29	1.218e+04	25.57	-1.289e+04	-2614.81	-7.574e+05
		-1.020e+06	-2614.81	-0.02	0.0	210.5	995.29	-624.84	25.57	-1.289e+04	2766.76	4.593e+05
						421.0	995.29	-1.343e+04	25.57	-1.289e+04	8148.33	-1.020e+06
92	113	2.895e+05	1.247e+04	-0.04	-1.653e+04	0.0	-277.28	8030.78	42.66	-9400.31	-5486.24	-5.310e+05
		-6.302e+05	-5486.24	-1.53e-03	0.0	210.5	-277.28	-235.56	42.66	-9400.31	3493.84	2.895e+05
						421.0	-277.28	-8501.89	42.66	-9400.31	1.247e+04	-6.302e+05
92	116	2.906e+05	2380.99	-0.03	-1.653e+04	0.0	1367.59	7678.59	-10.19	-8592.96	2380.99	-4.576e+05
		-7.051e+05	-1910.21	-0.03	0.0	210.5	1367.59	-587.74	-10.19	-8592.96	235.39	2.887e+05

							421.0	1367.59	-8854.08	-10.19	-8592.96	-1910.21	-7.051e+05
92	120	2.906e+05	3254.78	-0.03	-1.653e+04		0.0	1350.74	7679.76	-15.83	-8583.13	3254.78	-4.578e+05
		-7.048e+05	-3407.91	-0.03	0.0		210.5	1350.74	-586.58	-15.83	-8583.13	-76.57	2.887e+05
							421.0	1350.74	-8852.91	-15.83	-8583.13	-3407.91	-7.048e+05
92	130	2.886e+05	2.612e+04	-0.03	-1.653e+04		0.0	499.84	7862.14	26.12	-5402.18	1.512e+04	-4.964e+05
		-6.665e+05	1.512e+04	-0.06	0.0		210.5	499.84	-404.20	26.12	-5402.18	2.062e+04	2.886e+05
							421.0	499.84	-8670.53	26.12	-5402.18	2.612e+04	-6.665e+05
92	143	2.894e+05	-9716.88	-0.03	-1.653e+04		0.0	625.28	7852.59	27.29	-1.266e+04	-2.121e+04	-4.936e+05
		-6.678e+05	-2.121e+04	0.02	0.0		210.5	625.28	-413.74	27.29	-1.266e+04	-1.546e+04	2.894e+05
							421.0	625.28	-8680.08	27.29	-1.266e+04	-9716.88	-6.678e+05
92	145	2.894e+05	1.085e+04	-0.04	-1.653e+04		0.0	-91.05	7990.90	36.68	-9308.90	-4595.52	-5.227e+05
		-6.386e+05	-4595.52	-3.72e-03	0.0		210.5	-91.05	-275.43	36.68	-9308.90	3124.92	2.894e+05
							421.0	-91.05	-8541.77	36.68	-9308.90	1.085e+04	-6.386e+05
92	148	2.896e+05	1490.28	-0.03	-1.653e+04		0.0	1181.36	7718.47	-4.21	-8684.36	1490.28	-4.659e+05
		-6.966e+05	-281.66	-0.03	0.0		210.5	1181.36	-547.87	-4.21	-8684.36	604.31	2.888e+05
							421.0	1181.36	-8814.20	-4.21	-8684.36	-281.66	-6.966e+05
92	152	2.896e+05	2166.20	-0.03	-1.653e+04		0.0	1168.33	7719.37	-8.57	-8676.76	2166.20	-4.661e+05
		-6.964e+05	-1440.23	-0.02	0.0		210.5	1168.33	-546.97	-8.57	-8676.76	362.99	2.888e+05
							421.0	1168.33	-8813.30	-8.57	-8676.76	-1440.23	-6.964e+05
92	162	2.887e+05	2.140e+04	-0.03	-1.653e+04		0.0	510.10	7860.45	23.88	-6216.10	1.135e+04	-4.959e+05
		-6.668e+05	1.135e+04	-0.05	0.0		210.5	510.10	-405.88	23.88	-6216.10	1.637e+04	2.887e+05
							421.0	510.10	-8672.22	23.88	-6216.10	2.140e+04	-6.668e+05
92	175	2.893e+05	-6320.61	-0.03	-1.653e+04		0.0	607.13	7853.06	24.79	-1.183e+04	-1.676e+04	-4.937e+05
		-6.677e+05	-1.676e+04	9.88e-03	0.0		210.5	607.13	-413.27	24.79	-1.183e+04	-1.154e+04	2.893e+05
							421.0	607.13	-8679.61	24.79	-1.183e+04	-6320.61	-6.677e+05
93	3	3.980e+05	3840.23	-0.09	-2.257e+04		0.0	185.70	1.027e+04	-14.31	632.90	3840.23	-8.631e+05
		-8.631e+05	-2204.39	-0.02	0.0		211.2	185.70	1500.54	-14.31	632.90	817.92	3.812e+05
							422.5	185.70	-1.230e+04	-14.31	632.90	-2204.39	-7.591e+05
93	4	3.979e+05	4238.34	-0.09	-2.257e+04		0.0	248.90	1.029e+04	-15.84	750.36	4238.34	-8.671e+05
		-8.671e+05	-2454.85	-0.02	0.0		211.2	248.90	1517.40	-15.84	750.36	891.75	3.806e+05
							422.5	248.90	-1.228e+04	-15.84	750.36	-2454.85	-7.560e+05
93	7	2.918e+05	2480.04	-0.06	-1.656e+04		0.0	42.59	7507.13	-9.05	251.18	2480.04	-6.247e+05
		-6.247e+05	-1342.42	-0.02	0.0		211.2	42.59	1058.90	-9.05	251.18	568.81	2.805e+05
							422.5	42.59	-9056.38	-9.05	251.18	-1342.42	-5.642e+05
93	9	3.066e+05	5635.05	-0.06	-1.754e+04		0.0	317.93	7983.42	-20.47	570.17	5635.05	-6.652e+05
		-6.652e+05	-3011.71	-0.02	0.0		211.2	317.93	1103.45	-20.47	570.17	1311.67	2.950e+05
							422.5	317.93	-9555.60	-20.47	570.17	-3011.71	-5.977e+05
93	113	2.244e+05	1.033e+04	-0.04	-1.365e+04		0.0	-1068.60	6515.23	-40.33	1708.37	1.033e+04	-6.042e+05
		-6.042e+05	-6707.22	2.42e-03	0.0		211.2	-1068.60	1164.70	-40.33	1708.37	1811.55	2.074e+05
							422.5	-1068.60	-7131.08	-40.33	1708.37	-6707.22	-4.228e+05
93	116	2.540e+05	3212.71	-0.05	-1.365e+04		0.0	1274.93	5834.51	15.88	-1338.19	-3497.17	-4.137e+05
		-5.200e+05	-3497.17	-0.04	0.0		211.2	1274.93	483.99	15.88	-1338.19	-142.23	2.540e+05
							422.5	1274.93	-7811.80	15.88	-1338.19	3212.71	-5.200e+05
93	130	2.381e+05	1.869e+04	-0.04	-1.365e+04		0.0	-21.33	6229.42	165.41	-6834.66	-5.120e+04	-5.226e+05
		-5.226e+05	-5.120e+04	-0.09	0.0		211.2	-21.33	878.89	165.41	-6834.66	-1.625e+04	2.286e+05
							422.5	-21.33	-7416.89	165.41	-6834.66	1.869e+04	-4.620e+05
93	131	2.395e+05	5.803e+04	-0.05	-1.365e+04		0.0	227.65	6120.32	-189.86	7204.84	5.803e+04	-4.953e+05
		-4.953e+05	-2.218e+04	0.05	0.0		211.2	227.65	769.80	-189.86	7204.84	1.792e+04	2.328e+05
							422.5	227.65	-7525.99	-189.86	7204.84	-2.218e+04	-4.808e+05
93	145	2.277e+05	8764.79	-0.04	-1.365e+04		0.0	-803.27	6438.16	-33.96	1363.44	8764.79	-5.826e+05
		-5.826e+05	-5584.10	-1.83e-03	0.0		211.2	-803.27	1087.63	-33.96	1363.44	1590.34	2.126e+05
							422.5	-803.27	-7208.15	-33.96	1363.44	-5584.10	-4.338e+05
93	148	2.499e+05	2089.59	-0.05	-1.365e+04		0.0	1009.60	5911.58	9.52	-993.26	-1931.64	-4.353e+05
		-5.090e+05	-1931.64	-0.03	0.0		211.2	1009.60	561.06	9.52	-993.26	78.97	2.487e+05
							422.5	1009.60	-7734.73	9.52	-993.26	2089.59	-5.090e+05
93	162	2.382e+05	1.406e+04	-0.04	-1.365e+04		0.0	6.86	6217.07	125.19	-5245.13	-3.883e+04	-5.195e+05
		-5.195e+05	-3.883e+04	-0.07	0.0		211.2	6.86	866.54	125.19	-5245.13	-1.238e+04	2.291e+05
							422.5	6.86	-7429.24	125.19	-5245.13	1.406e+04	-4.641e+05
93	163	2.393e+05	4.566e+04	-0.05	-1.365e+04		0.0	199.46	6132.67	-149.63	5615.31	4.566e+04	-4.984e+05
		-4.984e+05	-1.756e+04	0.04	0.0		211.2	199.46	782.15	-149.63	5615.31	1.405e+04	2.323e+05
							422.5	199.46	-7513.64	-149.63	5615.31	-1.756e+04	-4.787e+05
94	3	3.436e+05	-1.298e+04	0.04	-1.500e+04		0.0	-451.71	4573.52	60.21	3370.17	-3.824e+04	-1.256e+05
		-9.788e+05	-3.824e+04	0.03	0.0		209.8	-451.71	-1812.59	60.21	3370.17	-2.561e+04	3.050e+05
							419.5	-451.71	-1.043e+04	60.21	3370.17	-1.298e+04	-9.788e+05
94	8	2.545e+05	-1.113e+04	0.03	-1.104e+04		0.0	-357.66	3337.57	39.23	2487.66	-2.759e+04	-8.527e+04
		-7.271e+05	-2.759e+04	0.02	0.0		209.8	-357.66	-1368.29	39.23	2487.66	-1.936e+04	2.242e+05
							419.5	-357.66	-7702.44	39.23	2487.66	-1.113e+04	-7.271e+05
94	12	1.900e+05	-1.574e+04	0.04	-7880.65		0.0	-128.56	2216.92	-6.02	1559.88	-1.574e+04	-1.905e+04
		-5.612e+05	-1.826e+04	0.02	0.0		209.8	-128.56	-1185.56	-6.02	1559.88	-1.700e+04	1.571e+05
							419.5	-128.56	-5663.74	-6.02	1559.88	-1.826e+04	-5.612e+05
94	116	2.465e+05	-2922.83	0.03	-9207.58		0.0	-474.44	2115.61	-90.06	3357.51	-2922.83	6.759e+04
		-7.563e+05	-4.070e+04	0.03	0.0		209.8	-474.44	-1834.28	-90.06	3357.51	-2.181e+04	1.798e+05
							419.5	-474.44	-7091.97	-90.06	3357.51	-4.070e+04	-7.563e+05
94	117	2.009e+05	1.042e+04	0.04	-9207.58		0.0	-44.92	3251.62	117.26	590.54	-3.877e+04	-1.593e+05
		-5.067e+05	-3.877e+04	0.01	0.0		209.8	-44.92	-698.27	117.26	590.54	-1.418e+04	1.912e+05
							419.5	-44.92	-5955.96	117.26	590.54	1.042e+04	-5.067e+05
94	120	2.464e+05	-2620.72	0.03	-9207.58		0.0	-485.67	2117.37	-91.60	3390.92	-2620.72	6.724e+04

		-7.560e+05	-4.105e+04	0.03	0.0	209.8	-485.67	-1832.53	-91.60	3390.92	-2.183e+04	1.798e+05
						419.5	-485.67	-7090.22	-91.60	3390.92	-4.105e+04	-7.560e+05
94	125	2.027e+05	-1957.20	0.04	-9207.58	0.0	-37.29	3164.47	61.68	976.45	-2.783e+04	-1.415e+05
		-5.254e+05	-2.783e+04	0.01	0.0	209.8	-37.29	-785.42	61.68	976.45	-1.489e+04	1.907e+05
						419.5	-37.29	-6043.11	61.68	976.45	-1957.20	-5.254e+05
94	128	2.401e+05	-1.356e+04	0.04	-9207.58	0.0	-493.30	2204.52	-36.02	3005.00	-1.356e+04	4.945e+04
		-7.372e+05	-2.867e+04	0.03	0.0	209.8	-493.30	-1745.38	-36.02	3005.00	-2.112e+04	1.803e+05
						419.5	-493.30	-7003.07	-36.02	3005.00	-2.867e+04	-7.372e+05
94	148	2.377e+05	-6947.48	0.04	-9207.58	0.0	-427.08	2244.43	-66.76	3048.02	-6947.48	4.186e+04
		-7.280e+05	-3.495e+04	0.03	0.0	209.8	-427.08	-1705.47	-66.76	3048.02	-2.095e+04	1.811e+05
						419.5	-427.08	-6963.15	-66.76	3048.02	-3.495e+04	-7.280e+05
94	149	2.030e+05	4591.23	0.04	-9207.58	0.0	-94.82	3123.20	93.61	907.59	-3.468e+04	-1.336e+05
		-5.349e+05	-3.468e+04	0.01	0.0	209.8	-94.82	-826.69	93.61	907.59	-1.504e+04	1.899e+05
						419.5	-94.82	-6084.38	93.61	907.59	4591.23	-5.349e+05
94	152	2.376e+05	-6713.78	0.04	-9207.58	0.0	-435.77	2245.79	-67.96	3073.86	-6713.78	4.160e+04
		-7.277e+05	-3.522e+04	0.03	0.0	209.8	-435.77	-1704.11	-67.96	3073.86	-2.097e+04	1.811e+05
						419.5	-435.77	-6961.80	-67.96	3073.86	-3.522e+04	-7.277e+05
94	157	2.044e+05	-4981.88	0.04	-9207.58	0.0	-88.92	3055.79	50.62	1206.12	-2.622e+04	-1.199e+05
		-5.494e+05	-2.622e+04	0.01	0.0	209.8	-88.92	-894.11	50.62	1206.12	-1.560e+04	1.895e+05
						419.5	-88.92	-6151.80	50.62	1206.12	-4981.88	-5.494e+05
94	160	2.329e+05	-1.518e+04	0.04	-9207.58	0.0	-441.67	2313.20	-24.96	2775.33	-1.518e+04	2.783e+04
		-7.132e+05	-2.565e+04	0.03	0.0	209.8	-441.67	-1636.69	-24.96	2775.33	-2.041e+04	1.815e+05
						419.5	-441.67	-6894.38	-24.96	2775.33	-2.565e+04	-7.132e+05
97	4	5.975e+05	5.104e+04	0.07	-1.699e+04	0.0	-4499.11	8727.84	168.35	1.005e+04	-5.401e+04	-8.000e+05
		-8.000e+05	-5.401e+04	-0.08	0.0	312.0	-4499.11	230.61	168.35	1.005e+04	-1483.84	5.975e+05
						624.0	-4499.11	-8266.61	168.35	1.005e+04	5.104e+04	-6.561e+05
97	5	4.083e+05	3.218e+04	-0.05	-1.143e+04	0.0	-2373.56	6081.82	100.34	9215.27	-3.043e+04	-5.976e+05
		-5.976e+05	-3.043e+04	-0.05	0.0	312.0	-2373.56	364.51	100.34	9215.27	870.11	4.080e+05
						624.0	-2373.56	-5352.81	100.34	9215.27	3.218e+04	-3.702e+05
97	9	6.308e+05	4.618e+04	-0.07	-1.768e+04	0.0	-3833.55	9304.00	149.60	1.346e+04	-4.717e+04	-8.926e+05
		-8.926e+05	-4.717e+04	-0.07	0.0	312.0	-3833.55	461.68	149.60	1.346e+04	-498.34	6.308e+05
						624.0	-3833.55	-8380.64	149.60	1.346e+04	4.618e+04	-6.045e+05
97	113	4.472e+05	1.587e+04	-0.05	-1.206e+04	0.0	-3152.76	6462.60	83.17	8049.52	-3.603e+04	-6.306e+05
		-6.306e+05	-3.603e+04	-0.05	0.0	312.0	-3152.76	432.40	83.17	8049.52	-1.008e+04	4.450e+05
						624.0	-3152.76	-5597.79	83.17	8049.52	1.587e+04	-3.608e+05
97	114	4.452e+05	1.329e+04	-0.05	-1.206e+04	0.0	-3133.81	6460.81	74.79	8747.05	-3.338e+04	-6.320e+05
		-6.320e+05	-3.338e+04	-0.05	0.0	312.0	-3133.81	430.62	74.79	8747.05	-1.004e+04	4.431e+05
						624.0	-3133.81	-5599.58	74.79	8747.05	1.329e+04	-3.633e+05
97	125	4.443e+05	8805.80	-0.05	-1.206e+04	0.0	-3168.23	6445.72	62.53	8179.56	-3.022e+04	-6.276e+05
		-6.276e+05	-3.022e+04	-0.05	0.0	312.0	-3168.23	415.52	62.53	8179.56	-1.070e+04	4.428e+05
						624.0	-3168.23	-5614.68	62.53	8179.56	8805.80	-3.683e+05
97	127	4.147e+05	6.991e+04	-0.04	-1.206e+04	0.0	-2395.98	6212.14	186.05	8500.73	-4.619e+04	-5.828e+05
		-5.828e+05	-4.619e+04	-0.07	0.0	312.0	-2395.98	181.95	186.05	8500.73	1.186e+04	4.147e+05
						624.0	-2395.98	-5848.25	186.05	8500.73	6.991e+04	-4.692e+05
97	128	4.130e+05	6.072e+04	-0.04	-1.206e+04	0.0	-2375.38	6210.26	159.46	9238.16	-3.879e+04	-5.839e+05
		-5.839e+05	-3.879e+04	-0.06	0.0	312.0	-2375.38	180.06	159.46	9238.16	1.096e+04	4.130e+05
						624.0	-2375.38	-5850.14	159.46	9238.16	6.072e+04	-4.715e+05
97	143	4.265e+05	5.924e+04	-0.05	-1.206e+04	0.0	-2690.31	6296.10	173.84	7527.99	-4.923e+04	-5.971e+05
		-5.971e+05	-4.923e+04	-0.07	0.0	312.0	-2690.31	265.90	173.84	7527.99	5004.63	4.265e+05
						624.0	-2690.31	-5764.29	173.84	7527.99	5.924e+04	-4.312e+05
97	145	4.421e+05	2.015e+04	-0.05	-1.206e+04	0.0	-3066.50	6432.12	89.47	8198.82	-3.569e+04	-6.250e+05
		-6.250e+05	-3.569e+04	-0.05	0.0	312.0	-3066.50	401.92	89.47	8198.82	-7769.77	4.411e+05
						624.0	-3066.50	-5628.27	89.47	8198.82	2.015e+04	-3.742e+05
97	146	4.406e+05	1.815e+04	-0.05	-1.206e+04	0.0	-3051.84	6430.73	82.99	8738.40	-3.363e+04	-6.260e+05
		-6.260e+05	-3.363e+04	-0.05	0.0	312.0	-3051.84	400.54	82.99	8738.40	-7740.23	4.396e+05
						624.0	-3051.84	-5629.66	82.99	8738.40	1.815e+04	-3.761e+05
97	157	4.399e+05	1.468e+04	-0.05	-1.206e+04	0.0	-3078.46	6419.06	73.51	8299.42	-3.119e+04	-6.226e+05
		-6.226e+05	-3.119e+04	-0.05	0.0	312.0	-3078.46	388.86	73.51	8299.42	-8251.58	4.394e+05
						624.0	-3078.46	-5641.33	73.51	8299.42	1.468e+04	-3.800e+05
97	159	4.177e+05	6.195e+04	-0.04	-1.206e+04	0.0	-2481.08	6238.37	169.06	8547.86	-4.354e+04	-5.880e+05
		-5.880e+05	-4.354e+04	-0.07	0.0	312.0	-2481.08	208.18	169.06	8547.86	9202.37	4.177e+05
						624.0	-2481.08	-5822.02	169.06	8547.86	6.195e+04	-4.581e+05
97	160	4.164e+05	5.484e+04	-0.04	-1.206e+04	0.0	-2465.14	6236.91	148.49	9118.31	-3.782e+04	-5.888e+05
		-5.888e+05	-3.782e+04	-0.06	0.0	312.0	-2465.14	206.72	148.49	9118.31	8510.47	4.164e+05
						624.0	-2465.14	-5823.48	148.49	9118.31	5.484e+04	-4.598e+05
97	175	4.268e+05	5.370e+04	-0.05	-1.206e+04	0.0	-2708.76	6303.32	159.61	7795.38	-4.590e+04	-5.991e+05
		-5.991e+05	-4.590e+04	-0.07	0.0	312.0	-2708.76	273.12	159.61	7795.38	3900.71	4.268e+05
						624.0	-2708.76	-5757.07	159.61	7795.38	5.370e+04	-4.287e+05
98	4	3.771e+05	1.477e+04	-0.04	-1.743e+04	0.0	-3851.35	7915.22	22.51	-2.723e+04	5290.01	-3.784e+05
		-7.157e+05	5290.01	-0.02	0.0	210.5	-3851.35	-801.21	22.51	-2.723e+04	1.003e+04	3.704e+05
						421.0	-3851.35	-9517.65	22.51	-2.723e+04	1.477e+04	-7.157e+05
98	5	2.100e+05	1.091e+04	-0.02	-1.156e+04	0.0	-1851.99	5230.68	18.67	-2.026e+04	3046.64	-2.878e+05
		-5.181e+05	3046.64	-0.02	0.0	210.5	-1851.99	-546.92	18.67	-2.026e+04	6977.17	2.051e+05
						421.0	-1851.99	-6324.51	18.67	-2.026e+04	1.091e+04	-5.181e+05
98	9	3.532e+05	1.444e+04	-0.04	-1.821e+04	0.0	-3134.29	8285.71	21.41	-3.078e+04	5424.38	-4.390e+05
		-7.849e+05	5424.38	-0.02	0.0	210.5	-3134.29	-821.47	21.41	-3.078e+04	9930.39	3.466e+05
						421.0	-3134.29	-9928.64	21.41	-3.078e+04	1.444e+04	-7.849e+05

98	11	3.803e+05	1.468e+04	-0.04	-1.821e+04	0.0	-3691.86	8281.51	21.65	-2.924e+04	5563.96	-4.111e+05
		-7.587e+05	5563.96	-0.02	0.0	210.5	-3691.86	-825.67	21.65	-2.924e+04	1.012e+04	3.736e+05
						421.0	-3691.86	-9932.84	21.65	-2.924e+04	1.468e+04	-7.587e+05
98	116	2.472e+05	8919.06	-0.02	-1.226e+04	0.0	-1897.61	5436.41	-12.34	-2.054e+04	8919.06	-2.600e+05
		-5.528e+05	3724.95	-0.04	0.0	210.5	-1897.61	-695.46	-12.34	-2.054e+04	6322.01	2.389e+05
						421.0	-1897.61	-6827.32	-12.34	-2.054e+04	3724.95	-5.528e+05
98	120	2.472e+05	9688.57	-0.02	-1.226e+04	0.0	-1908.74	5437.69	-16.34	-2.047e+04	9688.57	-2.603e+05
		-5.525e+05	2808.93	-0.03	0.0	210.5	-1908.74	-694.18	-16.34	-2.047e+04	6248.75	2.390e+05
						421.0	-1908.74	-6826.04	-16.34	-2.047e+04	2808.93	-5.525e+05
98	121	2.335e+05	1.722e+04	-0.03	-1.226e+04	0.0	-2649.70	5660.01	45.30	-2.047e+04	-1850.67	-3.149e+05
		-5.136e+05	-1850.67	-5.76e-03	0.0	210.5	-2649.70	-471.85	45.30	-2.047e+04	7684.06	2.311e+05
						421.0	-2649.70	-6603.72	45.30	-2.047e+04	1.722e+04	-5.136e+05
98	124	2.460e+05	8716.08	-0.02	-1.226e+04	0.0	-1866.61	5457.07	-9.00	-2.067e+04	8716.08	-2.650e+05
		-5.491e+05	4928.57	-0.04	0.0	210.5	-1866.61	-674.79	-9.00	-2.067e+04	6822.32	2.383e+05
						421.0	-1866.61	-6806.66	-9.00	-2.067e+04	4928.57	-5.491e+05
98	130	2.393e+05	3.331e+04	-0.02	-1.226e+04	0.0	-2283.04	5544.29	11.79	-1.997e+04	2.835e+04	-2.878e+05
		-5.351e+05	2.835e+04	-0.07	0.0	210.5	-2283.04	-587.57	11.79	-1.997e+04	3.083e+04	2.339e+05
						421.0	-2283.04	-6719.44	11.79	-1.997e+04	3.331e+04	-5.351e+05
98	143	2.397e+05	-7749.38	-0.03	-1.226e+04	0.0	-2186.87	5574.72	38.85	-2.146e+04	-2.411e+04	-2.929e+05
		-5.275e+05	-2.411e+04	0.01	0.0	210.5	-2186.87	-557.14	38.85	-2.146e+04	-1.593e+04	2.352e+05
						421.0	-2186.87	-6689.01	38.85	-2.146e+04	-7749.38	-5.275e+05
98	148	2.455e+05	7676.75	-0.02	-1.226e+04	0.0	-1979.25	5464.06	-5.43	-2.055e+04	7676.75	-2.668e+05
		-5.480e+05	5388.97	-0.03	0.0	210.5	-1979.25	-667.80	-5.43	-2.055e+04	6532.86	2.380e+05
						421.0	-1979.25	-6799.67	-5.43	-2.055e+04	5388.97	-5.480e+05
98	152	2.455e+05	8272.01	-0.02	-1.226e+04	0.0	-1987.86	5465.06	-8.53	-2.049e+04	8272.01	-2.670e+05
		-5.477e+05	4680.37	-0.03	0.0	210.5	-1987.86	-666.81	-8.53	-2.049e+04	6476.19	2.380e+05
						421.0	-1987.86	-6798.67	-8.53	-2.049e+04	4680.37	-5.477e+05
98	153	2.349e+05	1.583e+04	-0.03	-1.226e+04	0.0	-2561.04	5637.04	39.15	-2.049e+04	-654.32	-3.093e+05
		-5.176e+05	-654.32	-8.37e-03	0.0	210.5	-2561.04	-494.83	39.15	-2.049e+04	7586.49	2.319e+05
						421.0	-2561.04	-6626.69	39.15	-2.049e+04	1.583e+04	-5.176e+05
98	156	2.446e+05	7519.72	-0.02	-1.226e+04	0.0	-1955.27	5480.05	-2.85	-2.065e+04	7519.72	-2.707e+05
		-5.451e+05	6320.05	-0.03	0.0	210.5	-1955.27	-651.81	-2.85	-2.065e+04	6919.89	2.375e+05
						421.0	-1955.27	-6783.68	-2.85	-2.065e+04	6320.05	-5.451e+05
98	162	2.394e+05	2.828e+04	-0.02	-1.226e+04	0.0	-2277.41	5547.52	13.23	-2.010e+04	2.270e+04	-2.883e+05
		-5.343e+05	2.270e+04	-0.06	0.0	210.5	-2277.41	-584.35	13.23	-2.010e+04	2.549e+04	2.341e+05
						421.0	-2277.41	-6716.21	13.23	-2.010e+04	2.828e+04	-5.343e+05
98	175	2.397e+05	-3487.15	-0.03	-1.226e+04	0.0	-2203.01	5571.06	34.16	-2.126e+04	-1.787e+04	-2.923e+05
		-5.284e+05	-1.787e+04	6.89e-03	0.0	210.5	-2203.01	-560.80	34.16	-2.126e+04	-1.068e+04	2.351e+05
						421.0	-2203.01	-6692.67	34.16	-2.126e+04	-3487.15	-5.284e+05
99	4	2.057e+05	8101.43	-0.09	-1.456e+04	0.0	-3281.34	8100.33	105.10	-1.415e+04	-3.630e+04	-9.556e+05
		-9.556e+05	-3.630e+04	-0.02	0.0	211.2	-3281.34	2291.88	105.10	-1.415e+04	-1.410e+04	1.424e+05
						422.5	-3281.34	-6455.61	105.10	-1.415e+04	8101.43	-2.974e+05
99	5	1.265e+05	5354.67	-0.03	-9704.75	0.0	-1589.76	5153.31	68.66	-1.167e+04	-2.365e+04	-5.773e+05
		-5.773e+05	-2.365e+04	-0.02	0.0	211.2	-1589.76	1246.74	68.66	-1.167e+04	-9149.09	9.890e+04
						422.5	-1589.76	-4551.44	68.66	-1.167e+04	5354.67	-2.502e+05
99	11	2.122e+05	8418.12	-0.08	-1.518e+04	0.0	-3141.66	8317.73	104.50	-1.539e+04	-3.573e+04	-9.665e+05
		-9.665e+05	-3.573e+04	-0.03	0.0	211.2	-3141.66	2272.71	104.50	-1.539e+04	-1.366e+04	1.525e+05
						422.5	-3141.66	-6866.92	104.50	-1.539e+04	8418.12	-3.327e+05
99	113	1.309e+05	-427.24	-0.04	-1.027e+04	0.0	-2238.79	5685.74	34.18	-1.109e+04	-1.487e+04	-6.772e+05
		-6.772e+05	-1.487e+04	3.33e-03	0.0	211.2	-2238.79	1564.67	34.18	-1.109e+04	-7648.13	8.889e+04
						422.5	-2238.79	-4589.04	34.18	-1.109e+04	-427.24	-2.306e+05
99	116	1.459e+05	1.180e+04	-0.05	-1.027e+04	0.0	-1623.77	5430.80	112.13	-1.173e+04	-3.557e+04	-5.949e+05
		-5.949e+05	-3.557e+04	-0.04	0.0	211.2	-1623.77	1309.74	112.13	-1.173e+04	-1.188e+04	1.174e+05
						422.5	-1623.77	-4843.98	112.13	-1.173e+04	1.180e+04	-2.559e+05
99	121	1.325e+05	-32.54	-0.04	-1.027e+04	0.0	-2261.81	5665.93	30.07	-1.110e+04	-1.274e+04	-6.703e+05
		-6.703e+05	-1.274e+04	-3.61e-03	0.0	211.2	-2261.81	1544.86	30.07	-1.110e+04	-6383.95	9.156e+04
						422.5	-2261.81	-4608.85	30.07	-1.110e+04	-32.54	-2.321e+05
99	124	1.443e+05	1.141e+04	-0.05	-1.027e+04	0.0	-1600.75	5450.61	116.24	-1.172e+04	-3.770e+04	-6.017e+05
		-6.017e+05	-3.770e+04	-0.04	0.0	211.2	-1600.75	1329.54	116.24	-1.172e+04	-1.315e+04	1.147e+05
						422.5	-1600.75	-4824.17	116.24	-1.172e+04	1.141e+04	-2.544e+05
99	130	1.389e+05	3.215e+04	-0.04	-1.027e+04	0.0	-1996.65	5600.90	288.74	-1.460e+04	-8.984e+04	-6.467e+05
		-6.467e+05	-8.984e+04	-0.11	0.0	211.2	-1996.65	1479.83	288.74	-1.460e+04	-2.885e+04	1.014e+05
						422.5	-1996.65	-4673.88	288.74	-1.460e+04	3.215e+04	-2.360e+05
99	131	1.379e+05	3.940e+04	-0.04	-1.027e+04	0.0	-1865.91	5515.64	-142.43	-8221.44	3.940e+04	-6.253e+05
		-6.253e+05	-2.078e+04	0.06	0.0	211.2	-1865.91	1394.58	-142.43	-8221.44	9313.89	1.048e+05
						422.5	-1865.91	-4759.14	-142.43	-8221.44	-2.078e+04	-2.506e+05
99	145	1.326e+05	957.53	-0.04	-1.027e+04	0.0	-2169.16	5656.87	43.01	-1.117e+04	-1.721e+04	-6.679e+05
		-6.679e+05	-1.721e+04	-5.72e-03	0.0	211.2	-2169.16	1535.81	43.01	-1.117e+04	-8127.64	9.211e+04
						422.5	-2169.16	-4617.91	43.01	-1.117e+04	957.53	-2.334e+05
99	148	1.442e+05	1.042e+04	-0.05	-1.027e+04	0.0	-1693.40	5459.66	103.30	-1.166e+04	-3.323e+04	-6.042e+05
		-6.042e+05	-3.323e+04	-0.04	0.0	211.2	-1693.40	1338.60	103.30	-1.166e+04	-1.140e+04	1.141e+05
						422.5	-1693.40	-4815.11	103.30	-1.166e+04	1.042e+04	-2.531e+05
99	153	1.339e+05	1262.85	-0.04	-1.027e+04	0.0	-2186.97	5641.55	39.82	-1.117e+04	-1.556e+04	-6.626e+05
		-6.626e+05	-1.556e+04	-7.92e-03	0.0	211.2	-2186.97	1520.49	39.82	-1.117e+04	-7149.72	9.418e+04
						422.5	-2186.97	-4633.23	39.82	-1.117e+04	1262.85	-2.346e+05
99	156	1.429e+05	1.011e+04	-0.05	-1.027e+04	0.0	-1675.59	5474.99	106.49	-1.165e+04	-3.488e+04	-6.095e+05
		-6.095e+05	-3.488e+04	-0.04	0.0	211.2	-1675.59	1353.92	106.49	-1.165e+04	-1.238e+04	1.121e+05

							422.5	-1675.59	-4799.79	106.49	-1.165e+04	1.011e+04	-2.519e+05
99	162	1.388e+05	2.616e+04	-0.04	-1.027e+04		0.0	-1981.85	5591.24	239.93	-1.388e+04	-7.521e+04	-6.443e+05
		-6.443e+05	-7.521e+04	-0.09	0.0		211.2	-1981.85	1470.18	239.93	-1.388e+04	-2.453e+04	1.018e+05
							422.5	-1981.85	-4683.53	239.93	-1.388e+04	2.616e+04	-2.376e+05
99	174	1.390e+05	2.806e+04	-0.04	-1.027e+04		0.0	-2010.97	5588.63	235.19	-1.338e+04	-7.131e+04	-6.434e+05
		-6.434e+05	-7.131e+04	-0.08	0.0		211.2	-2010.97	1467.57	235.19	-1.338e+04	-2.163e+04	1.021e+05
							422.5	-2010.97	-4686.14	235.19	-1.338e+04	2.806e+04	-2.378e+05
100	4	4.520e+05	-5275.62	0.04	-1.775e+04		0.0	-1598.14	6242.90	66.75	-2.518e+04	-3.328e+04	-1.190e+05
		-1.004e+06	-3.328e+04	0.04	0.0		209.8	-1598.14	-1979.31	66.75	-2.518e+04	-1.928e+04	4.107e+05
							419.5	-1598.14	-1.151e+04	66.75	-2.518e+04	-5275.62	-1.004e+06
100	5	3.077e+05	-1.085e+04	0.04	-1.176e+04		0.0	-875.55	4125.31	-14.19	-1.415e+04	-1.085e+04	-6.689e+04
		-6.613e+05	-1.680e+04	0.03	0.0		209.8	-875.55	-1333.60	-14.19	-1.415e+04	-1.383e+04	2.790e+05
							419.5	-875.55	-7632.44	-14.19	-1.415e+04	-1.680e+04	-6.613e+05
100	9	4.828e+05	-1.555e+04	0.05	-1.855e+04		0.0	-1450.31	6622.11	11.96	-2.757e+04	-2.057e+04	-1.303e+05
		-1.012e+06	-2.057e+04	0.04	0.0		209.8	-1450.31	-1964.94	11.96	-2.757e+04	-1.806e+04	4.450e+05
							419.5	-1450.31	-1.193e+04	11.96	-2.757e+04	-1.555e+04	-1.012e+06
100	11	4.762e+05	-8187.15	0.04	-1.855e+04		0.0	-1590.06	6577.97	50.76	-2.748e+04	-2.948e+04	-1.299e+05
		-1.030e+06	-2.948e+04	0.04	0.0		209.8	-1590.06	-2009.07	50.76	-2.748e+04	-1.883e+04	4.362e+05
							419.5	-1590.06	-1.197e+04	50.76	-2.748e+04	-8187.15	-1.030e+06
100	116	3.361e+05	5953.99	0.03	-1.248e+04		0.0	-985.95	4111.04	-126.01	-4288.73	5953.99	-2.027e+04
		-7.620e+05	-4.691e+04	0.05	0.0		209.8	-985.95	-1678.65	-126.01	-4288.73	-2.048e+04	2.919e+05
							419.5	-985.95	-8370.90	-126.01	-4288.73	-4.691e+04	-7.620e+05
100	117	3.136e+05	2.263e+04	0.04	-1.248e+04		0.0	-1016.78	4658.85	145.85	-2.796e+04	-3.855e+04	-1.321e+05
		-6.441e+05	-3.855e+04	0.01	0.0		209.8	-1016.78	-1130.84	145.85	-2.796e+04	-7962.03	2.950e+05
							419.5	-1016.78	-7823.09	145.85	-2.796e+04	2.263e+04	-6.441e+05
100	120	3.359e+05	6177.82	0.03	-1.248e+04		0.0	-995.46	4111.68	-126.73	-4335.48	6177.82	-2.050e+04
		-7.620e+05	-4.698e+04	0.05	0.0		209.8	-995.46	-1678.01	-126.73	-4335.48	-2.040e+04	2.918e+05
							419.5	-995.46	-8370.26	-126.73	-4335.48	-4.698e+04	-7.620e+05
100	121	3.136e+05	8460.76	0.04	-1.248e+04		0.0	-1090.81	4621.99	82.11	-2.654e+04	-2.599e+04	-1.254e+05
		-6.529e+05	-2.599e+04	0.02	0.0		209.8	-1090.81	-1167.70	82.11	-2.654e+04	-8762.74	2.939e+05
							419.5	-1090.81	-7859.95	82.11	-2.654e+04	8460.76	-6.529e+05
100	124	3.351e+05	-6390.21	0.03	-1.248e+04		0.0	-921.43	4148.53	-62.99	-5748.39	-6390.21	-2.717e+04
		-7.532e+05	-3.281e+04	0.04	0.0		209.8	-921.43	-1641.16	-62.99	-5748.39	-1.960e+04	2.929e+05
							419.5	-921.43	-8333.41	-62.99	-5748.39	-3.281e+04	-7.532e+05
100	148	3.331e+05	940.18	0.03	-1.248e+04		0.0	-990.51	4173.14	-95.31	-6973.55	940.18	-3.296e+04
		-7.487e+05	-3.904e+04	0.04	0.0		209.8	-990.51	-1616.55	-95.31	-6973.55	-1.905e+04	2.922e+05
							419.5	-990.51	-8308.80	-95.31	-6973.55	-3.904e+04	-7.487e+05
100	149	3.149e+05	1.475e+04	0.04	-1.248e+04		0.0	-1014.37	4596.90	114.99	-2.528e+04	-3.349e+04	-1.195e+05
		-6.574e+05	-3.349e+04	0.02	0.0		209.8	-1014.37	-1192.79	114.99	-2.528e+04	-9370.61	2.946e+05
							419.5	-1014.37	-7885.04	114.99	-2.528e+04	1.475e+04	-6.574e+05
100	152	3.330e+05	1113.32	0.03	-1.248e+04		0.0	-997.87	4173.63	-95.87	-7009.72	1113.32	-3.313e+04
		-7.486e+05	-3.910e+04	0.04	0.0		209.8	-997.87	-1616.06	-95.87	-7009.72	-1.899e+04	2.922e+05
							419.5	-997.87	-8308.31	-95.87	-7009.72	-3.910e+04	-7.486e+05
100	153	3.148e+05	3787.59	0.04	-1.248e+04		0.0	-1071.63	4568.39	65.69	-2.419e+04	-2.377e+04	-1.143e+05
		-6.642e+05	-2.377e+04	0.02	0.0		209.8	-1071.63	-1221.30	65.69	-2.419e+04	-9990.01	2.938e+05
							419.5	-1071.63	-7913.55	65.69	-2.419e+04	3787.59	-6.642e+05
100	156	3.324e+05	-8608.84	0.03	-1.248e+04		0.0	-940.60	4202.14	-46.56	-8102.69	-8608.84	-3.830e+04
		-7.419e+05	-2.814e+04	0.04	0.0		209.8	-940.60	-1587.55	-46.56	-8102.69	-1.838e+04	2.930e+05
							419.5	-940.60	-8279.80	-46.56	-8102.69	-2.814e+04	-7.419e+05
101	3	2.809e+06	4.435e+04	-0.30	-5.047e+04		0.0	7437.03	2.596e+04	102.29	7209.35	-4.193e+04	-2.817e+06
		-2.817e+06	-4.193e+04	-0.03	0.0		421.7	7437.03	723.00	102.29	7209.35	1210.36	2.809e+06
							843.5	7437.03	-2.451e+04	102.29	7209.35	4.435e+04	-2.207e+06
101	4	2.804e+06	4.482e+04	-0.30	-5.047e+04		0.0	7674.51	2.594e+04	103.17	7325.66	-4.221e+04	-2.814e+06
		-2.814e+06	-4.221e+04	-0.03	0.0		421.7	7674.51	703.14	103.17	7325.66	1303.68	2.804e+06
							843.5	7674.51	-2.453e+04	103.17	7325.66	4.482e+04	-2.221e+06
101	5	1.488e+06	3.044e+04	-0.15	-2.701e+04		0.0	5025.94	1.376e+04	71.66	1390.94	-3.000e+04	-1.469e+06
		-1.469e+06	-3.000e+04	-0.03	0.0		421.7	5025.94	258.74	71.66	1390.94	220.04	1.488e+06
							843.5	5025.94	-1.325e+04	71.66	1390.94	3.044e+04	-1.251e+06
101	11	2.623e+06	4.451e+04	-0.28	-4.741e+04		0.0	7830.67	2.430e+04	102.58	6414.40	-4.201e+04	-2.628e+06
		-2.628e+06	-4.201e+04	-0.03	0.0		421.7	7830.67	598.07	102.58	6414.40	1251.70	2.623e+06
							843.5	7830.67	-2.311e+04	102.58	6414.40	4.451e+04	-2.124e+06
101	113	1.685e+06	4.377e+04	-0.17	-3.129e+04		0.0	4774.28	1.656e+04	106.08	5626.01	-4.571e+04	-2.000e+06
		-2.000e+06	-4.571e+04	7.06e-03	0.0		421.7	4774.28	912.86	106.08	5626.01	-970.94	1.685e+06
							843.5	4774.28	-1.473e+04	106.08	5626.01	4.377e+04	-1.230e+06
101	116	1.776e+06	2.007e+04	-0.19	-3.129e+04		0.0	5935.79	1.545e+04	42.88	244.12	-1.610e+04	-1.442e+06
		-1.604e+06	-1.610e+04	-0.06	0.0		421.7	5935.79	-192.54	42.88	244.12	1987.35	1.776e+06
							843.5	5935.79	-1.584e+04	42.88	244.12	2.007e+04	-1.604e+06
101	117	1.685e+06	4.880e+04	-0.17	-3.129e+04		0.0	4766.46	1.656e+04	118.47	5079.56	-5.113e+04	-2.000e+06
		-2.000e+06	-5.113e+04	4.56e-03	0.0		421.7	4766.46	912.74	118.47	5079.56	-1164.09	1.685e+06
							843.5	4766.46	-1.473e+04	118.47	5079.56	4.880e+04	-1.230e+06
101	120	1.776e+06	1.504e+04	-0.19	-3.129e+04		0.0	5943.61	1.545e+04	30.49	790.58	-1.068e+04	-1.442e+06
		-1.604e+06	-1.068e+04	-0.06	0.0		421.7	5943.61	-192.42	30.49	790.58	2180.49	1.776e+06
							843.5	5943.61	-1.584e+04	30.49	790.58	1.504e+04	-1.604e+06
101	130	1.723e+06	1.235e+05	-0.18	-3.129e+04		0.0	5278.38	1.611e+04	309.29	-5985.34	-1.374e+05	-1.771e+06
		-1.771e+06	-1.374e+05	-0.14	0.0		421.7	5278.38	460.78	309.29	-5985.34	-6956.49	1.723e+06
							843.5	5278.38	-1.519e+04	309.29	-5985.34	1.235e+05	-1.382e+06
101	145	1.695e+06	4.109e+04	-0.17	-3.129e+04		0.0	4905.78	1.643e+04	98.92	5016.68	-4.236e+04	-1.937e+06

		-1.937e+06	-4.236e+04	-3.57e-03	0.0	421.7	4905.78	787.71	98.92	5016.68	-636.01	1.695e+06
						843.5	4905.78	-1.486e+04	98.92	5016.68	4.109e+04	-1.272e+06
101	148	1.766e+06	2.275e+04	-0.19	-3.129e+04	0.0	5804.29	1.558e+04	50.03	853.45	-1.945e+04	-1.505e+06
		-1.562e+06	-1.945e+04	-0.05	0.0	421.7	5804.29	-67.39	50.03	853.45	1652.42	1.766e+06
						843.5	5804.29	-1.571e+04	50.03	853.45	2.275e+04	-1.562e+06
101	149	1.695e+06	4.498e+04	-0.17	-3.129e+04	0.0	4899.74	1.643e+04	108.51	4593.97	-4.655e+04	-1.937e+06
		-1.937e+06	-4.655e+04	-7.57e-03	0.0	421.7	4899.74	787.61	108.51	4593.97	-785.42	1.695e+06
						843.5	4899.74	-1.486e+04	108.51	4593.97	4.498e+04	-1.272e+06
101	152	1.766e+06	1.886e+04	-0.19	-3.129e+04	0.0	5810.33	1.558e+04	40.45	1276.17	-1.526e+04	-1.505e+06
		-1.562e+06	-1.526e+04	-0.05	0.0	421.7	5810.33	-67.29	40.45	1276.17	1801.82	1.766e+06
						843.5	5810.33	-1.571e+04	40.45	1276.17	1.886e+04	-1.562e+06
101	162	1.725e+06	1.028e+05	-0.18	-3.129e+04	0.0	5295.74	1.608e+04	256.12	-3965.43	-1.133e+05	-1.760e+06
		-1.760e+06	-1.133e+05	-0.11	0.0	421.7	5295.74	438.00	256.12	-3965.43	-5266.21	1.725e+06
						843.5	5295.74	-1.521e+04	256.12	-3965.43	1.028e+05	-1.390e+06
104	4	1.923e+06	7.138e+04	-0.31	-3.230e+04	0.0	-1.065e+04	1.620e+04	188.17	4033.14	-8.735e+04	-1.505e+06
		-1.505e+06	-8.735e+04	-0.03	0.0	421.7	-1.065e+04	54.25	188.17	4033.14	-7983.77	1.923e+06
						843.5	-1.065e+04	-1.609e+04	188.17	4033.14	7.138e+04	-1.459e+06
104	5	1.317e+06	4.679e+04	-0.20	-2.182e+04	0.0	-6539.72	1.099e+04	119.76	602.95	-5.423e+04	-1.019e+06
		-1.019e+06	-5.423e+04	-0.04	0.0	421.7	-6539.72	84.21	119.76	602.95	-3718.13	1.317e+06
						843.5	-6539.72	-1.083e+04	119.76	602.95	4.679e+04	-9.479e+05
104	9	2.031e+06	6.614e+04	-0.31	-3.357e+04	0.0	-9919.98	1.694e+04	169.09	3372.74	-7.649e+04	-1.573e+06
		-1.573e+06	-7.649e+04	-0.04	0.0	421.7	-9919.98	152.29	169.09	3372.74	-5178.00	2.031e+06
						843.5	-9919.98	-1.663e+04	169.09	3372.74	6.614e+04	-1.444e+06
104	115	1.383e+06	2264.21	-0.22	-2.297e+04	0.0	-7356.36	1.137e+04	6.04	3030.77	-2831.73	-9.905e+05
		-1.089e+06	-2831.73	4.71e-03	0.0	421.7	-7356.36	-117.09	6.04	3030.77	-283.76	1.383e+06
						843.5	-7356.36	-1.160e+04	6.04	3030.77	2264.21	-1.089e+06
104	117	1.377e+06	6.381e+04	-0.21	-2.297e+04	0.0	-6957.74	1.175e+04	166.20	2734.43	-7.638e+04	-1.157e+06
		-1.157e+06	-7.638e+04	9.12e-03	0.0	421.7	-6957.74	265.82	166.20	2734.43	-6286.21	1.377e+06
						843.5	-6957.74	-1.122e+04	166.20	2734.43	6.381e+04	-9.332e+05
104	118	1.377e+06	9.311e+04	-0.21	-2.297e+04	0.0	-6939.98	1.174e+04	241.73	410.36	-1.108e+05	-1.153e+06
		-1.153e+06	-1.108e+05	-0.06	0.0	421.7	-6939.98	256.14	241.73	410.36	-8842.75	1.377e+06
						843.5	-6939.98	-1.123e+04	241.73	410.36	9.311e+04	-9.374e+05
104	119	1.382e+06	6406.13	-0.22	-2.297e+04	0.0	-7360.85	1.137e+04	15.97	2652.83	-7064.15	-9.907e+05
		-1.089e+06	-7064.15	-2.51e-03	0.0	421.7	-7360.85	-116.63	15.97	2652.83	-329.01	1.382e+06
						843.5	-7360.85	-1.160e+04	15.97	2652.83	6406.13	-1.089e+06
104	130	1.378e+06	1.210e+05	-0.21	-2.297e+04	0.0	-7075.32	1.160e+04	310.35	-3589.41	-1.408e+05	-1.091e+06
		-1.091e+06	-1.408e+05	-0.16	0.0	421.7	-7075.32	112.51	310.35	-3589.41	-9891.20	1.378e+06
						843.5	-7075.32	-1.137e+04	310.35	-3589.41	1.210e+05	-9.964e+05
104	147	1.382e+06	1.302e+04	-0.22	-2.297e+04	0.0	-7309.73	1.141e+04	33.85	2691.30	-1.553e+04	-1.009e+06
		-1.072e+06	-1.553e+04	-4.10e-03	0.0	421.7	-7309.73	-74.78	33.85	2691.30	-1257.92	1.382e+06
						843.5	-7309.73	-1.156e+04	33.85	2691.30	1.302e+04	-1.072e+06
104	149	1.378e+06	6.063e+04	-0.21	-2.297e+04	0.0	-7001.37	1.171e+04	157.74	2462.07	-7.243e+04	-1.138e+06
		-1.138e+06	-7.243e+04	-9.97e-03	0.0	421.7	-7001.37	221.43	157.74	2462.07	-5901.19	1.378e+06
						843.5	-7001.37	-1.127e+04	157.74	2462.07	6.063e+04	-9.514e+05
104	150	1.378e+06	8.329e+04	-0.21	-2.297e+04	0.0	-6987.63	1.170e+04	216.17	664.25	-9.905e+04	-1.135e+06
		-1.135e+06	-9.905e+04	-0.06	0.0	421.7	-6987.63	213.94	216.17	664.25	-7878.84	1.378e+06
						843.5	-6987.63	-1.127e+04	216.17	664.25	8.329e+04	-9.546e+05
104	151	1.382e+06	1.622e+04	-0.22	-2.297e+04	0.0	-7313.20	1.141e+04	41.53	2398.94	-1.881e+04	-1.009e+06
		-1.072e+06	-1.881e+04	-9.43e-03	0.0	421.7	-7313.20	-74.43	41.53	2398.94	-1292.92	1.382e+06
						843.5	-7313.20	-1.156e+04	41.53	2398.94	1.622e+04	-1.072e+06
104	162	1.379e+06	1.049e+05	-0.21	-2.297e+04	0.0	-7092.32	1.159e+04	269.25	-2429.83	-1.222e+05	-1.087e+06
		-1.087e+06	-1.222e+05	-0.13	0.0	421.7	-7092.32	102.83	269.25	-2429.83	-8689.88	1.379e+06
						843.5	-7092.32	-1.138e+04	269.25	-2429.83	1.049e+05	-1.000e+06
105	3	2.864e+06	1703.45	-0.32	-5.077e+04	0.0	7474.41	2.614e+04	-23.24	-8239.73	1703.45	-2.808e+06
		-2.808e+06	-1.790e+04	-0.02	0.0	421.7	7474.41	757.77	-23.24	-8239.73	-8097.64	2.864e+06
						843.5	7474.41	-2.463e+04	-23.24	-8239.73	-1.790e+04	-2.169e+06
105	4	2.860e+06	1533.17	-0.32	-5.077e+04	0.0	7710.87	2.612e+04	-23.27	-8216.73	1533.17	-2.804e+06
		-2.804e+06	-1.810e+04	-0.02	0.0	421.7	7710.87	736.41	-23.27	-8216.73	-8282.32	2.860e+06
						843.5	7710.87	-2.465e+04	-23.27	-8216.73	-1.810e+04	-2.183e+06
105	5	1.517e+06	-551.56	-0.16	-2.716e+04	0.0	5015.36	1.385e+04	13.45	-5160.06	-1.190e+04	-1.460e+06
		-1.460e+06	-1.190e+04	-0.03	0.0	421.7	5015.36	267.54	13.45	-5160.06	-6224.98	1.517e+06
						843.5	5015.36	-1.331e+04	13.45	-5160.06	-551.56	-1.234e+06
105	11	2.675e+06	-2095.31	-0.29	-4.769e+04	0.0	7855.36	2.447e+04	-15.28	-7878.01	-2095.31	-2.616e+06
		-2.616e+06	-1.499e+04	-0.03	0.0	421.7	7855.36	624.63	-15.28	-7878.01	-8540.54	2.675e+06
						843.5	7855.36	-2.322e+04	-15.28	-7878.01	-1.499e+04	-2.089e+06
105	122	1.737e+06	3.655e+04	-0.18	-3.147e+04	0.0	4787.67	1.650e+04	103.93	-8832.45	-5.111e+04	-1.902e+06
		-1.902e+06	-5.111e+04	-0.06	0.0	421.7	4787.67	762.10	103.93	-8832.45	-7277.77	1.737e+06
						843.5	4787.67	-1.497e+04	103.93	-8832.45	3.655e+04	-1.260e+06
105	123	1.791e+06	3.683e+04	-0.19	-3.147e+04	0.0	5929.04	1.572e+04	-99.88	-2325.35	3.683e+04	-1.522e+06
		-1.532e+06	-4.742e+04	0.02	0.0	421.7	5929.04	-12.08	-99.88	-2325.35	-5291.79	1.791e+06
						843.5	5929.04	-1.575e+04	-99.88	-2325.35	-4.742e+04	-1.532e+06
105	125	1.737e+06	2372.16	-0.18	-3.147e+04	0.0	4817.77	1.650e+04	-14.05	-4323.97	2372.16	-1.904e+06
		-1.904e+06	-9482.10	3.25e-03	0.0	421.7	4817.77	765.69	-14.05	-4323.97	-3554.97	1.737e+06
						843.5	4817.77	-1.497e+04	-14.05	-4323.97	-9482.10	-1.258e+06
105	130	1.756e+06	8.602e+04	-0.19	-3.147e+04	0.0	5149.62	1.622e+04	234.79	-1.413e+04	-1.120e+05	-1.765e+06
		-1.765e+06	-1.120e+05	-0.13	0.0	421.7	5149.62	481.01	234.79	-1.413e+04	-1.300e+04	1.756e+06
						843.5	5149.62	-1.525e+04	234.79	-1.413e+04	8.602e+04	-1.359e+06

105	131	1.772e+06	9.775e+04	-0.19	-3.147e+04	0.0	5567.10	1.600e+04	-230.74	2977.04	9.775e+04	-1.660e+06
		-1.660e+06	-9.688e+04	0.09	0.0	421.7	5567.10	269.01	-230.74	2977.04	433.18	1.772e+06
						843.5	5567.10	-1.547e+04	-230.74	2977.04	-9.688e+04	-1.433e+06
105	154	1.743e+06	2.705e+04	-0.19	-3.147e+04	0.0	4916.90	1.641e+04	80.85	-8095.73	-4.115e+04	-1.859e+06
		-1.859e+06	-4.115e+04	-0.05	0.0	421.7	4916.90	674.45	80.85	-8095.73	-7052.92	1.743e+06
						843.5	4916.90	-1.506e+04	80.85	-8095.73	2.705e+04	-1.290e+06
105	155	1.785e+06	2.688e+04	-0.19	-3.147e+04	0.0	5799.82	1.581e+04	-76.80	-3062.08	2.688e+04	-1.565e+06
		-1.565e+06	-3.791e+04	8.78e-03	0.0	421.7	5799.82	75.57	-76.80	-3062.08	-5516.64	1.785e+06
						843.5	5799.82	-1.566e+04	-76.80	-3062.08	-3.791e+04	-1.501e+06
105	157	1.743e+06	218.48	-0.19	-3.147e+04	0.0	4940.18	1.641e+04	-10.41	-4608.13	218.48	-1.860e+06
		-1.860e+06	-8564.68	-4.04e-03	0.0	421.7	4940.18	677.23	-10.41	-4608.13	-4173.10	1.743e+06
						843.5	4940.18	-1.506e+04	-10.41	-4608.13	-8564.68	-1.289e+06
105	162	1.758e+06	6.531e+04	-0.19	-3.147e+04	0.0	5196.88	1.619e+04	182.08	-1.220e+04	-8.827e+04	-1.753e+06
		-1.753e+06	-8.827e+04	-0.11	0.0	421.7	5196.88	457.01	182.08	-1.220e+04	-1.148e+04	1.758e+06
						843.5	5196.88	-1.528e+04	182.08	-1.220e+04	6.531e+04	-1.367e+06
105	163	1.770e+06	7.400e+04	-0.19	-3.147e+04	0.0	5519.83	1.603e+04	-178.03	1039.66	7.400e+04	-1.672e+06
		-1.672e+06	-7.617e+04	0.06	0.0	421.7	5519.83	293.01	-178.03	1039.66	-1088.01	1.770e+06
						843.5	5519.83	-1.544e+04	-178.03	1039.66	-7.617e+04	-1.424e+06
106	4	1.929e+06	3.594e+04	-0.32	-3.247e+04	0.0	-1.079e+04	1.628e+04	-63.08	281.81	3.594e+04	-1.513e+06
		-1.513e+06	-1.726e+04	-0.02	0.0	421.7	-1.079e+04	43.37	-63.08	281.81	9340.02	1.929e+06
						843.5	-1.079e+04	-1.619e+04	-63.08	281.81	-1.726e+04	-1.476e+06
106	5	1.322e+06	6115.82	-0.20	-2.193e+04	0.0	-6638.24	1.104e+04	-6.27	-628.30	6115.82	-1.022e+06
		-1.022e+06	828.26	-0.03	0.0	421.7	-6638.24	75.30	-6.27	-628.30	3472.04	1.322e+06
						843.5	-6638.24	-1.089e+04	-6.27	-628.30	828.26	-9.584e+05
106	9	2.039e+06	1.842e+04	-0.32	-3.376e+04	0.0	-1.004e+04	1.702e+04	-29.62	141.57	1.842e+04	-1.582e+06
		-1.582e+06	-6562.08	-0.03	0.0	421.7	-1.004e+04	146.75	-29.62	141.57	5928.80	2.039e+06
						843.5	-1.004e+04	-1.673e+04	-29.62	141.57	-6562.08	-1.458e+06
106	124	1.389e+06	4758.49	-0.22	-2.310e+04	0.0	-7385.79	1.143e+04	-3.73	-1054.23	4758.49	-9.981e+05
		-1.094e+06	1611.80	-0.06	0.0	421.7	-7385.79	-113.30	-3.73	-1054.23	3185.14	1.389e+06
						843.5	-7385.79	-1.166e+04	-3.73	-1054.23	1611.80	-1.094e+06
106	125	1.380e+06	1.886e+04	-0.22	-2.310e+04	0.0	-7113.26	1.178e+04	-30.05	72.76	1.886e+04	-1.155e+06
		-1.155e+06	-6484.09	5.51e-03	0.0	421.7	-7113.26	236.38	-30.05	72.76	6189.18	1.380e+06
						843.5	-7113.26	-1.131e+04	-30.05	72.76	-6484.09	-9.553e+05
106	128	1.389e+06	9049.79	-0.22	-2.310e+04	0.0	-7387.52	1.143e+04	-13.29	-697.15	9049.79	-9.978e+05
		-1.094e+06	-2160.21	-0.05	0.0	421.7	-7387.52	-114.12	-13.29	-697.15	3444.79	1.389e+06
						843.5	-7387.52	-1.166e+04	-13.29	-697.15	-2160.21	-1.094e+06
106	131	1.386e+06	9.588e+04	-0.22	-2.310e+04	0.0	-7200.71	1.157e+04	-202.82	4123.39	9.588e+04	-1.058e+06
		-1.058e+06	-7.520e+04	0.11	0.0	421.7	-7200.71	20.26	-202.82	4123.39	1.034e+04	1.386e+06
						843.5	-7200.71	-1.153e+04	-202.82	4123.39	-7.520e+04	-1.041e+06
106	156	1.388e+06	6841.17	-0.22	-2.310e+04	0.0	-7355.13	1.147e+04	-7.79	-886.21	6841.17	-1.016e+06
		-1.078e+06	268.13	-0.05	0.0	421.7	-7355.13	-73.80	-7.79	-886.21	3554.65	1.388e+06
						843.5	-7355.13	-1.162e+04	-7.79	-886.21	268.13	-1.078e+06
106	157	1.381e+06	1.775e+04	-0.22	-2.310e+04	0.0	-7144.31	1.174e+04	-28.15	-14.41	1.775e+04	-1.137e+06
		-1.137e+06	-5994.54	-4.69e-03	0.0	421.7	-7144.31	196.70	-28.15	-14.41	5878.47	1.381e+06
						843.5	-7144.31	-1.135e+04	-28.15	-14.41	-5994.54	-9.710e+05
106	160	1.388e+06	1.016e+04	-0.22	-2.310e+04	0.0	-7356.47	1.147e+04	-15.19	-609.98	1.016e+04	-1.016e+06
		-1.078e+06	-2649.75	-0.04	0.0	421.7	-7356.47	-74.43	-15.19	-609.98	3755.50	1.388e+06
						843.5	-7356.47	-1.162e+04	-15.19	-609.98	-2649.75	-1.078e+06
106	163	1.385e+06	7.733e+04	-0.22	-2.310e+04	0.0	-7211.96	1.158e+04	-161.80	3119.01	7.733e+04	-1.062e+06
		-1.062e+06	-5.915e+04	0.08	0.0	421.7	-7211.96	29.52	-161.80	3119.01	9090.56	1.385e+06
						843.5	-7211.96	-1.152e+04	-161.80	3119.01	-5.915e+04	-1.037e+06
109	3	5.556e+05	-3800.67	-0.08	-2.297e+04	0.0	1776.98	1.262e+04	-20.13	-1.162e+04	-3800.67	-9.041e+05
		-9.041e+05	-1.227e+04	-9.89e-03	0.0	210.5	1776.98	1138.53	-20.13	-1.162e+04	-8037.35	5.445e+05
						421.0	1776.98	-1.035e+04	-20.13	-1.162e+04	-1.227e+04	-4.247e+05
109	4	5.549e+05	-3999.96	-0.08	-2.297e+04	0.0	1817.10	1.261e+04	-20.45	-1.150e+04	-3999.96	-9.009e+05
		-9.009e+05	-1.261e+04	-9.85e-03	0.0	210.5	1817.10	1122.24	-20.45	-1.150e+04	-8303.81	5.442e+05
						421.0	1817.10	-1.036e+04	-20.45	-1.150e+04	-1.261e+04	-4.284e+05
109	5	2.746e+05	-826.12	-0.04	-1.173e+04	0.0	1123.06	6451.35	4.20	-1.001e+04	-2594.74	-4.722e+05
		-4.722e+05	-2594.74	-0.01	0.0	210.5	1123.06	588.31	4.20	-1.001e+04	-1710.43	2.688e+05
						421.0	1123.06	-5274.73	4.20	-1.001e+04	-826.12	-2.245e+05
109	122	3.394e+05	7359.92	-0.05	-1.388e+04	0.0	626.14	7748.59	13.88	-8045.71	1515.45	-5.710e+05
		-5.710e+05	1515.45	-0.03	0.0	210.5	626.14	807.92	13.88	-8045.71	4437.68	3.295e+05
						421.0	626.14	-6132.75	13.88	-8045.71	7359.92	-2.309e+05
109	125	3.396e+05	-2449.85	-0.05	-1.388e+04	0.0	719.15	7740.39	12.15	-1.159e+04	-7566.76	-5.688e+05
		-5.688e+05	-7566.76	-2.93e-03	0.0	210.5	719.15	799.72	12.15	-1.159e+04	-5008.31	3.300e+05
						421.0	719.15	-6140.95	12.15	-1.159e+04	-2449.85	-2.322e+05
109	126	3.393e+05	4733.63	-0.05	-1.388e+04	0.0	623.50	7748.21	6.33	-8262.91	2067.40	-5.710e+05
		-5.710e+05	2067.40	-0.02	0.0	210.5	623.50	807.54	6.33	-8262.91	3400.52	3.295e+05
						421.0	623.50	-6133.13	6.33	-8262.91	4733.63	-2.311e+05
109	127	3.202e+05	-7627.25	-0.05	-1.388e+04	0.0	1826.08	7507.61	-12.43	-1.090e+04	-7627.25	-5.331e+05
		-5.331e+05	-1.286e+04	6.71e-03	0.0	210.5	1826.08	566.94	-12.43	-1.090e+04	-1.024e+04	3.167e+05
						421.0	1826.08	-6373.73	-12.43	-1.090e+04	-1.286e+04	-2.944e+05
109	130	3.319e+05	1.841e+04	-0.05	-1.388e+04	0.0	941.88	7671.37	16.34	-3441.70	1.153e+04	-5.602e+05
		-5.602e+05	1.153e+04	-0.05	0.0	210.5	941.88	730.70	16.34	-3441.70	1.497e+04	3.241e+05
						421.0	941.88	-6209.97	16.34	-3441.70	1.841e+04	-2.526e+05
109	131	3.276e+05	-1.709e+04	-0.05	-1.388e+04	0.0	1507.70	7584.45	-22.44	-1.573e+04	-1.709e+04	-5.439e+05
		-5.439e+05	-2.654e+04	0.03	0.0	210.5	1507.70	643.78	-22.44	-1.573e+04	-2.181e+04	3.221e+05

						421.0	1507.70	-6296.89	-22.44	-1.573e+04	-2.654e+04	-2.729e+05	
109	154	3.372e+05	4773.21	-0.05	-1.388e+04	0.0	761.70	7721.26	10.05	-8393.92	542.82	-5.667e+05	
		-5.667e+05	542.82	-0.02	0.0	210.5	761.70	780.59	10.05	-8393.92	2658.01	3.281e+05	
						421.0	761.70	-6160.07	10.05	-8393.92	4773.21	-2.381e+05	
109	157	3.374e+05	-2815.27	-0.05	-1.388e+04	0.0	833.65	7714.92	8.71	-1.114e+04	-6482.85	-5.650e+05	
		-5.650e+05	-6482.85	-4.51e-03	0.0	210.5	833.65	774.25	8.71	-1.114e+04	-4649.06	3.284e+05	
						421.0	833.65	-6166.42	8.71	-1.114e+04	-2815.27	-2.391e+05	
109	158	3.371e+05	2741.61	-0.05	-1.388e+04	0.0	759.65	7720.97	4.21	-8561.93	969.79	-5.667e+05	
		-5.667e+05	969.79	-0.02	0.0	210.5	759.65	780.30	4.21	-8561.93	1855.70	3.280e+05	
						421.0	759.65	-6160.37	4.21	-8561.93	2741.61	-2.382e+05	
109	159	3.224e+05	-6529.64	-0.05	-1.388e+04	0.0	1689.92	7534.85	-10.31	-1.061e+04	-6529.64	-5.374e+05	
		-5.374e+05	-1.087e+04	4.42e-03	0.0	210.5	1689.92	594.18	-10.31	-1.061e+04	-8699.24	3.182e+05	
						421.0	1689.92	-6346.49	-10.31	-1.061e+04	-1.087e+04	-2.873e+05	
109	162	3.314e+05	1.332e+04	-0.05	-1.388e+04	0.0	1005.94	7661.53	11.95	-4832.43	8287.45	-5.584e+05	
		-5.584e+05	8287.45	-0.04	0.0	210.5	1005.94	720.86	11.95	-4832.43	1.080e+04	3.239e+05	
						421.0	1005.94	-6219.81	11.95	-4832.43	1.332e+04	-2.549e+05	
109	163	3.281e+05	-1.385e+04	-0.05	-1.388e+04	0.0	1443.64	7594.29	-18.05	-1.433e+04	-1.385e+04	-5.458e+05	
		-5.458e+05	-2.145e+04	0.02	0.0	210.5	1443.64	653.62	-18.05	-1.433e+04	-1.765e+04	3.223e+05	
						421.0	1443.64	-6287.05	-18.05	-1.433e+04	-2.145e+04	-2.706e+05	
110	3	4.725e+05	2.991e+04	-0.08	-2.305e+04	0.0	2432.54	1.049e+04	-82.09	431.97	2.991e+04	-5.352e+05	
		-9.712e+05	-4773.51	-0.01	0.0	211.2	2432.54	-1031.96	-82.09	431.97	1.257e+04	4.643e+05	
						422.5	2432.54	-1.256e+04	-82.09	431.97	-4773.51	-9.712e+05	
110	4	4.726e+05	3.067e+04	-0.08	-2.305e+04	0.0	2485.97	1.050e+04	-84.30	459.80	3.067e+04	-5.363e+05	
		-9.697e+05	-4952.32	-0.01	0.0	211.2	2485.97	-1025.79	-84.30	459.80	1.286e+04	4.646e+05	
						422.5	2485.97	-1.255e+04	-84.30	459.80	-4952.32	-9.697e+05	
110	5	2.467e+05	1.283e+04	-0.04	-1.177e+04	0.0	1587.34	5214.78	-37.87	861.07	1.283e+04	-2.414e+05	
		-5.241e+05	-3173.97	-0.01	0.0	211.2	1587.34	-669.15	-37.87	861.07	4826.34	2.387e+05	
						422.5	1587.34	-6553.08	-37.87	861.07	-3173.97	-5.241e+05	
110	11	4.425e+05	2.911e+04	-0.08	-2.151e+04	0.0	2488.68	9769.77	-80.92	639.53	2.911e+04	-4.937e+05	
		-9.097e+05	-5078.42	-0.01	0.0	211.2	2488.68	-984.70	-80.92	639.53	1.202e+04	4.342e+05	
						422.5	2488.68	-1.174e+04	-80.92	639.53	-5078.42	-9.097e+05	
110	123	3.095e+05	4.050e+04	-0.05	-1.393e+04	0.0	2738.67	6034.95	-117.83	3272.98	4.050e+04	-2.427e+05	
		-6.358e+05	-9281.99	0.01	0.0	211.2	2738.67	-930.45	-117.83	3272.98	1.561e+04	2.965e+05	
						422.5	2738.67	-7895.85	-117.83	3272.98	-9281.99	-6.358e+05	
110	126	2.688e+05	2815.92	-0.04	-1.393e+04	0.0	676.75	6468.76	19.28	-1658.50	-5328.07	-3.637e+05	
		-5.735e+05	-5328.07	-0.03	0.0	211.2	676.75	-496.64	19.28	-1658.50	-1256.07	2.671e+05	
						422.5	676.75	-7462.04	19.28	-1658.50	2815.92	-5.735e+05	
110	127	3.094e+05	3.887e+04	-0.05	-1.393e+04	0.0	2739.40	6037.48	-114.83	3020.62	3.887e+04	-2.433e+05	
		-6.354e+05	-9644.29	8.43e-03	0.0	211.2	2739.40	-927.91	-114.83	3020.62	1.461e+04	2.964e+05	
						422.5	2739.40	-7893.31	-114.83	3020.62	-9644.29	-6.354e+05	
110	128	3.095e+05	1.179e+04	-0.05	-1.393e+04	0.0	2630.62	6027.02	-23.18	-759.02	1.179e+04	-2.413e+05	
		-6.377e+05	1993.95	-0.03	0.0	211.2	2630.62	-938.38	-23.18	-759.02	6891.21	2.962e+05	
						422.5	2630.62	-7903.78	-23.18	-759.02	1993.95	-6.377e+05	
110	134	2.826e+05	1.490e+04	-0.04	-1.393e+04	0.0	1236.12	6310.41	121.34	-6594.48	-3.637e+04	-3.206e+05	
		-5.973e+05	-3.637e+04	-0.08	0.0	211.2	1236.12	-654.99	121.34	-6594.48	-1.074e+04	2.767e+05	
						422.5	1236.12	-7620.39	121.34	-6594.48	1.490e+04	-5.973e+05	
110	135	2.956e+05	6.991e+04	-0.05	-1.393e+04	0.0	2180.02	6195.84	-216.90	7956.59	6.991e+04	-2.864e+05	
		-6.115e+05	-2.173e+04	0.06	0.0	211.2	2180.02	-769.56	-216.90	7956.59	2.409e+04	2.867e+05	
						422.5	2180.02	-7734.96	-216.90	7956.59	-2.173e+04	-6.115e+05	
110	155	3.049e+05	3.513e+04	-0.05	-1.393e+04	0.0	2505.31	6084.35	-101.97	2686.07	3.513e+04	-2.565e+05	
		-6.287e+05	-7953.30	6.32e-03	0.0	211.2	2505.31	-881.05	-101.97	2686.07	1.359e+04	2.931e+05	
						422.5	2505.31	-7846.45	-101.97	2686.07	-7953.30	-6.287e+05	
110	158	2.734e+05	1405.20	-0.04	-1.393e+04	0.0	910.28	6419.93	4.09	-1128.74	-323.77	-3.500e+05	
		-5.805e+05	-323.77	-0.02	0.0	211.2	910.28	-545.47	4.09	-1128.74	540.71	2.704e+05	
						422.5	910.28	-7510.87	4.09	-1128.74	1405.20	-5.805e+05	
110	159	3.048e+05	3.387e+04	-0.05	-1.393e+04	0.0	2505.87	6086.31	-99.65	2490.85	3.387e+04	-2.570e+05	
		-6.284e+05	-8233.57	-6.02e-03	0.0	211.2	2505.87	-879.09	-99.65	2490.85	1.282e+04	2.930e+05	
						422.5	2505.87	-7844.48	-99.65	2490.85	-8233.57	-6.284e+05	
110	160	3.049e+05	1.292e+04	-0.05	-1.393e+04	0.0	2421.72	6078.22	-28.75	-432.94	1.292e+04	-2.554e+05	
		-6.302e+05	769.35	-0.02	0.0	211.2	2421.72	-887.18	-28.75	-432.94	6843.15	2.929e+05	
						422.5	2421.72	-7852.58	-28.75	-432.94	769.35	-6.302e+05	
110	166	2.840e+05	1.075e+04	-0.04	-1.393e+04	0.0	1342.99	6297.43	83.05	-4947.03	-2.434e+04	-3.167e+05	
		-5.989e+05	-2.434e+04	-0.06	0.0	211.2	1342.99	-667.96	83.05	-4947.03	-6792.03	2.779e+05	
						422.5	1342.99	-7633.36	83.05	-4947.03	1.075e+04	-5.989e+05	
110	167	2.941e+05	5.788e+04	-0.05	-1.393e+04	0.0	2073.16	6208.81	-178.60	6309.14	5.788e+04	-2.903e+05	
		-6.099e+05	-1.758e+04	0.04	0.0	211.2	2073.16	-756.59	-178.60	6309.14	2.015e+04	2.856e+05	
						422.5	2073.16	-7721.99	-178.60	6309.14	-1.758e+04	-6.099e+05	
113	1	3.707e+05	7396.58	-0.04	-1.415e+04	0.0	-1648.80	8060.17	-76.27	-9516.25	7396.58	-5.959e+05	
		-5.959e+05	-2.471e+04	-6.50e-03	0.0	210.5	-1648.80	987.32	-76.27	-9516.25	-8657.59	3.564e+05	
						421.0	-1648.80	-6085.53	-76.27	-9516.25	-2.471e+04	-1.802e+05	
113	4	3.911e+05	7251.39	-0.05	-1.479e+04	0.0	-1955.26	8262.88	-101.60	-7906.93	7251.39	-5.807e+05	
		-5.807e+05	-3.552e+04	6.02e-03	0.0	210.5	-1955.26	869.31	-101.60	-7906.93	-1.414e+04	3.804e+05	
						421.0	-1955.26	-6524.26	-101.60	-7906.93	-3.552e+04	-2.148e+05	
113	5	2.543e+05	5757.35	-0.03	-9852.36	0.0	-1100.52	5667.89	-45.96	-7960.76	5757.35	-4.317e+05	
		-4.317e+05	-1.359e+04	-7.37e-03	0.0	210.5	-1100.52	741.71	-45.96	-7960.76	-3918.17	2.429e+05	
						421.0	-1100.52	-4184.47	-45.96	-7960.76	-1.359e+04	-1.195e+05	
113	9	4.085e+05	7372.24	-0.05	-1.543e+04	0.0	-1728.03	8806.44	-80.75	-9505.84	7372.24	-6.494e+05	

		-6.494e+05	-2.662e+04	-5.81e-03	0.0	210.5	-1728.03	1092.15	-80.75	-9505.84	-9625.97	3.924e+05
						421.0	-1728.03	-6622.15	-80.75	-9505.84	-2.662e+04	-1.896e+05
113	11	4.096e+05	7279.12	-0.05	-1.543e+04	0.0	-1914.82	8687.14	-96.92	-8382.96	7279.12	-6.201e+05
		-6.201e+05	-3.352e+04	4.95e-03	0.0	210.5	-1914.82	972.85	-96.92	-8382.96	-1.312e+04	3.966e+05
						421.0	-1914.82	-6741.44	-96.92	-8382.96	-3.352e+04	-2.105e+05
113	125	2.831e+05	-1808.73	-0.03	-1.043e+04	0.0	-1329.88	6013.48	-28.36	-8013.95	-1808.73	-4.461e+05
		-4.461e+05	-1.375e+04	5.30e-03	0.0	210.5	-1329.88	796.51	-28.36	-8013.95	-7779.30	2.707e+05
						421.0	-1329.88	-4420.45	-28.36	-8013.95	-1.375e+04	-1.107e+05
113	126	2.823e+05	1.178e+04	-0.03	-1.043e+04	0.0	-1358.09	6027.02	-43.07	-6896.42	1.178e+04	-4.500e+05
		-4.500e+05	-6355.31	-0.02	0.0	210.5	-1358.09	810.05	-43.07	-6896.42	2710.72	2.696e+05
						421.0	-1358.09	-4406.92	-43.07	-6896.42	-6355.31	-1.090e+05
113	127	2.618e+05	-391.77	-0.03	-1.043e+04	0.0	-1139.36	5842.25	-72.46	-7659.33	-391.77	-4.268e+05
		-4.268e+05	-3.090e+04	0.01	0.0	210.5	-1139.36	625.28	-72.46	-7659.33	-1.564e+04	2.540e+05
						421.0	-1139.36	-4591.69	-72.46	-7659.33	-3.090e+04	-1.635e+05
113	131	2.702e+05	-1.569e+04	-0.03	-1.043e+04	0.0	-1201.77	5889.31	-64.99	-9292.78	-1.569e+04	-4.295e+05
		-4.295e+05	-4.305e+04	0.04	0.0	210.5	-1201.77	672.34	-64.99	-9292.78	-2.937e+04	2.611e+05
						421.0	-1201.77	-4544.62	-64.99	-9292.78	-4.305e+04	-1.464e+05
113	144	2.676e+05	2.855e+04	-0.03	-1.043e+04	0.0	-1267.17	5931.51	-88.89	-5362.14	2.855e+04	-4.421e+05
		-4.421e+05	-8873.23	-0.04	0.0	210.5	-1267.17	714.54	-88.89	-5362.14	9837.15	2.574e+05
						421.0	-1267.17	-4502.43	-88.89	-5362.14	-8873.23	-1.413e+05
113	157	2.806e+05	-110.18	-0.03	-1.043e+04	0.0	-1311.50	5995.63	-35.02	-7847.27	-110.18	-4.443e+05
		-4.443e+05	-1.485e+04	4.12e-03	0.0	210.5	-1311.50	778.66	-35.02	-7847.27	-7482.05	2.687e+05
						421.0	-1311.50	-4438.31	-35.02	-7847.27	-1.485e+04	-1.165e+05
113	158	2.800e+05	1.040e+04	-0.03	-1.043e+04	0.0	-1333.33	6006.10	-46.40	-6982.80	1.040e+04	-4.474e+05
		-4.474e+05	-9133.75	-0.02	0.0	210.5	-1333.33	789.13	-46.40	-6982.80	632.65	2.678e+05
						421.0	-1333.33	-4427.84	-46.40	-6982.80	-9133.75	-1.152e+05
113	159	2.641e+05	985.93	-0.03	-1.043e+04	0.0	-1164.12	5863.17	-69.13	-7572.95	985.93	-4.294e+05
		-4.294e+05	-2.812e+04	9.68e-03	0.0	210.5	-1164.12	646.20	-69.13	-7572.95	-1.357e+04	2.557e+05
						421.0	-1164.12	-4570.77	-69.13	-7572.95	-2.812e+04	-1.573e+05
113	163	2.707e+05	-1.085e+04	-0.03	-1.043e+04	0.0	-1212.40	5899.58	-63.36	-8836.53	-1.085e+04	-4.315e+05
		-4.315e+05	-3.752e+04	0.03	0.0	210.5	-1212.40	682.61	-63.36	-8836.53	-2.419e+04	2.613e+05
						421.0	-1212.40	-4534.36	-63.36	-8836.53	-3.752e+04	-1.441e+05
113	176	2.686e+05	2.337e+04	-0.03	-1.043e+04	0.0	-1263.00	5932.22	-81.84	-5795.94	2.337e+04	-4.413e+05
		-4.413e+05	-1.108e+04	-0.03	0.0	210.5	-1263.00	715.25	-81.84	-5795.94	6145.39	2.584e+05
						421.0	-1263.00	-4501.72	-81.84	-5795.94	-1.108e+04	-1.402e+05
132	1	5.854e+05	3.384e+04	-0.05	-2.705e+04	0.0	285.12	1.395e+04	129.05	-6.470e+04	-1.916e+04	-8.896e+05
		-8.896e+05	-1.916e+04	-0.03	0.0	205.3	285.12	421.54	129.05	-6.470e+04	7337.61	5.854e+05
						410.6	285.12	-1.310e+04	129.05	-6.470e+04	3.384e+04	-7.165e+05
132	3	6.630e+05	3.645e+04	-0.05	-3.068e+04	0.0	255.23	1.570e+04	136.98	-6.415e+04	-1.980e+04	-9.856e+05
		-9.856e+05	-1.980e+04	-0.03	0.0	205.3	255.23	358.64	136.98	-6.415e+04	8326.44	6.630e+05
						410.6	255.23	-1.498e+04	136.98	-6.415e+04	3.645e+04	-8.383e+05
132	4	6.630e+05	3.659e+04	-0.05	-3.068e+04	0.0	248.14	1.569e+04	137.51	-6.417e+04	-1.988e+04	-9.833e+05
		-9.833e+05	-1.988e+04	-0.03	0.0	205.3	248.14	347.18	137.51	-6.417e+04	8357.49	6.630e+05
						410.6	248.14	-1.499e+04	137.51	-6.417e+04	3.659e+04	-8.407e+05
132	8	4.977e+05	2.757e+04	-0.04	-2.303e+04	0.0	205.29	1.181e+04	103.93	-4.942e+04	-1.511e+04	-7.443e+05
		-7.443e+05	-1.511e+04	-0.02	0.0	205.3	205.29	292.65	103.93	-4.942e+04	6230.89	4.977e+05
						410.6	205.29	-1.122e+04	103.93	-4.942e+04	2.757e+04	-6.242e+05
132	113	4.690e+05	3.632e+04	-0.04	-2.092e+04	0.0	262.16	1.130e+04	146.44	-5.458e+04	-2.381e+04	-7.831e+05
		-7.831e+05	-2.381e+04	-0.03	0.0	205.3	262.16	844.35	146.44	-5.458e+04	6253.00	4.641e+05
						410.6	262.16	-9615.16	146.44	-5.458e+04	3.632e+04	-4.363e+05
132	129	4.570e+05	5.468e+04	-0.04	-2.092e+04	0.0	311.20	1.101e+04	241.41	-6.826e+04	-4.445e+04	-7.302e+05
		-7.302e+05	-4.445e+04	-0.05	0.0	205.3	311.20	552.33	241.41	-6.826e+04	5115.85	4.570e+05
						410.6	311.20	-9907.18	241.41	-6.826e+04	5.468e+04	-5.034e+05
132	133	4.561e+05	5.422e+04	-0.04	-2.092e+04	0.0	312.69	1.097e+04	240.53	-6.838e+04	-4.455e+04	-7.226e+05
		-7.226e+05	-4.455e+04	-0.05	0.0	205.3	312.69	510.68	240.53	-6.838e+04	4831.07	4.561e+05
						410.6	312.69	-9948.83	240.53	-6.838e+04	5.422e+04	-5.128e+05
132	136	4.493e+05	1.512e+04	-0.04	-2.092e+04	0.0	133.95	1.061e+04	-42.11	-3.109e+04	1.512e+04	-6.552e+05
		-6.552e+05	-2169.99	5.24e-03	0.0	205.3	133.95	149.86	-42.11	-3.109e+04	6476.30	4.493e+05
						410.6	133.95	-1.031e+04	-42.11	-3.109e+04	-2169.99	-5.937e+05
132	145	4.634e+05	3.399e+04	-0.04	-2.092e+04	0.0	253.37	1.119e+04	135.75	-5.348e+04	-2.175e+04	-7.617e+05
		-7.617e+05	-2.175e+04	-0.03	0.0	205.3	253.37	727.95	135.75	-5.348e+04	6117.29	4.615e+05
						410.6	253.37	-9731.57	135.75	-5.348e+04	3.399e+04	-4.628e+05
132	161	4.560e+05	4.819e+04	-0.04	-2.092e+04	0.0	291.30	1.096e+04	209.21	-6.407e+04	-3.772e+04	-7.208e+05
		-7.208e+05	-3.772e+04	-0.04	0.0	205.3	291.30	502.05	209.21	-6.407e+04	5237.64	4.560e+05
						410.6	291.30	-9957.46	209.21	-6.407e+04	4.819e+04	-5.147e+05
132	165	4.553e+05	4.783e+04	-0.04	-2.092e+04	0.0	292.45	1.093e+04	208.53	-6.416e+04	-3.780e+04	-7.149e+05
		-7.149e+05	-3.780e+04	-0.04	0.0	205.3	292.45	469.83	208.53	-6.416e+04	5017.34	4.553e+05
						410.6	292.45	-9989.68	208.53	-6.416e+04	4.783e+04	-5.220e+05
132	168	4.501e+05	8366.14	-0.04	-2.092e+04	0.0	154.19	1.065e+04	-10.11	-3.531e+04	8366.14	-6.629e+05
		-6.629e+05	4213.91	-1.89e-03	0.0	205.3	154.19	190.71	-10.11	-3.531e+04	6290.03	4.501e+05
						410.6	154.19	-1.027e+04	-10.11	-3.531e+04	4213.91	-5.845e+05
133	3	3.765e+05	1351.07	-0.02	-3.081e+04	0.0	11.18	1.636e+04	-39.83	-2.135e+04	1351.07	-1.408e+06
		-1.408e+06	-1.507e+04	-0.02	0.0	206.2	11.18	953.73	-39.83	-2.135e+04	-6860.26	3.765e+05
						412.3	11.18	-1.445e+04	-39.83	-2.135e+04	-1.507e+04	-1.015e+06
133	4	3.766e+05	1387.84	-0.02	-3.081e+04	0.0	2.91	1.635e+04	-40.02	-2.137e+04	1387.84	-1.407e+06
		-1.407e+06	-1.511e+04	-0.02	0.0	206.2	2.91	949.07	-40.02	-2.137e+04	-6862.14	3.766e+05
						412.3	2.91	-1.446e+04	-40.02	-2.137e+04	-1.511e+04	-1.016e+06

133	5	2.347e+05	337.65	-0.01	-1.947e+04	0.0	149.79	1.040e+04	-28.31	-1.580e+04	337.65	-9.084e+05	
		-9.084e+05	-1.133e+04	-0.01	0.0	206.2	149.79	668.59	-28.31	-1.580e+04	-5498.31	2.331e+05	
						412.3	149.79	-9067.74	-28.31	-1.580e+04	-1.133e+04	-6.327e+05	
133	113	2.620e+05	-4508.96	-0.01	-2.101e+04	0.0	173.33	1.164e+04	-30.79	-1.378e+04	-4508.96	-1.068e+06	
		-1.068e+06	-1.720e+04	-0.01	0.0	206.2	173.33	1141.59	-30.79	-1.378e+04	-1.086e+04	2.495e+05	
						412.3	173.33	-9360.97	-30.79	-1.378e+04	-1.720e+04	-5.978e+05	
133	114	2.624e+05	6494.38	-0.01	-2.101e+04	0.0	106.90	1.162e+04	-25.89	-1.687e+04	6494.38	-1.063e+06	
		-1.063e+06	-4182.71	-0.01	0.0	206.2	106.90	1120.76	-25.89	-1.687e+04	1155.84	2.504e+05	
						412.3	106.90	-9381.80	-25.89	-1.687e+04	-4182.71	-6.011e+05	
133	130	2.574e+05	1.906e+04	-0.01	-2.101e+04	0.0	-1.53	1.129e+04	-20.79	-2.098e+04	1.906e+04	-9.911e+05	
		-9.911e+05	1.049e+04	-0.02	0.0	206.2	-1.53	788.10	-20.79	-2.098e+04	1.477e+04	2.540e+05	
						412.3	-1.53	-9714.46	-20.79	-2.098e+04	1.049e+04	-6.661e+05	
133	131	2.533e+05	-1.785e+04	-0.01	-2.101e+04	0.0	193.38	1.110e+04	-37.62	-1.108e+04	-1.785e+04	-9.517e+05	
		-9.517e+05	-3.336e+04	-8.71e-03	0.0	206.2	193.38	593.20	-37.62	-1.108e+04	-2.561e+04	2.533e+05	
						412.3	193.38	-9909.36	-37.62	-1.108e+04	-3.336e+04	-7.071e+05	
133	133	2.556e+05	-1.768e+04	-0.01	-2.101e+04	0.0	223.23	1.132e+04	-37.40	-1.066e+04	-1.768e+04	-1.000e+06	
		-1.000e+06	-3.310e+04	-8.45e-03	0.0	206.2	223.23	819.86	-37.40	-1.066e+04	-2.539e+04	2.514e+05	
						412.3	223.23	-9682.70	-37.40	-1.066e+04	-3.310e+04	-6.622e+05	
133	136	2.559e+05	1.888e+04	-0.01	-2.101e+04	0.0	-31.38	1.106e+04	-21.00	-2.140e+04	1.888e+04	-9.424e+05	
		-9.424e+05	1.022e+04	-0.02	0.0	206.2	-31.38	561.44	-21.00	-2.140e+04	1.455e+04	2.559e+05	
						412.3	-31.38	-9941.12	-21.00	-2.140e+04	1.022e+04	-7.109e+05	
133	145	2.603e+05	-3351.21	-0.01	-2.101e+04	0.0	155.80	1.154e+04	-30.43	-1.429e+04	-3351.21	-1.046e+06	
		-1.046e+06	-1.590e+04	-0.01	0.0	206.2	155.80	1039.48	-30.43	-1.429e+04	-9625.13	2.505e+05	
						412.3	155.80	-9463.08	-30.43	-1.429e+04	-1.590e+04	-6.179e+05	
133	146	2.606e+05	5160.57	-0.01	-2.101e+04	0.0	104.42	1.153e+04	-26.64	-1.668e+04	5160.57	-1.042e+06	
		-1.042e+06	-5825.52	-0.01	0.0	206.2	104.42	1023.37	-26.64	-1.668e+04	-332.48	2.512e+05	
						412.3	104.42	-9479.19	-26.64	-1.668e+04	-5825.52	-6.205e+05	
133	162	2.568e+05	1.488e+04	-0.01	-2.101e+04	0.0	20.54	1.127e+04	-22.69	-1.986e+04	1.488e+04	-9.866e+05	
		-9.866e+05	5524.09	-0.02	0.0	206.2	20.54	766.04	-22.69	-1.986e+04	1.020e+04	2.540e+05	
						412.3	20.54	-9736.52	-22.69	-1.986e+04	5524.09	-6.707e+05	
133	163	2.534e+05	-1.367e+04	-0.01	-2.101e+04	0.0	171.31	1.112e+04	-35.72	-1.220e+04	-1.367e+04	-9.561e+05	
		-9.561e+05	-2.840e+04	-9.59e-03	0.0	206.2	171.31	615.27	-35.72	-1.220e+04	-2.104e+04	2.534e+05	
						412.3	171.31	-9887.29	-35.72	-1.220e+04	-2.840e+04	-7.024e+05	
133	165	2.553e+05	-1.354e+04	-0.01	-2.101e+04	0.0	194.40	1.129e+04	-35.55	-1.188e+04	-1.354e+04	-9.937e+05	
		-9.937e+05	-2.819e+04	-9.39e-03	0.0	206.2	194.40	790.60	-35.55	-1.188e+04	-2.086e+04	2.519e+05	
						412.3	194.40	-9711.95	-35.55	-1.188e+04	-2.819e+04	-6.677e+05	
133	168	2.554e+05	1.474e+04	-0.01	-2.101e+04	0.0	-2.55	1.109e+04	-22.86	-2.018e+04	1.474e+04	-9.490e+05	
		-9.490e+05	5317.93	-0.02	0.0	206.2	-2.55	590.70	-22.86	-2.018e+04	1.003e+04	2.554e+05	
						412.3	-2.55	-9911.86	-22.86	-2.018e+04	5317.93	-7.054e+05	
134	1	1.248e+06	-7122.46	-0.29	-3.874e+04	0.0	586.24	1.791e+04	24.37	223.63	-2.283e+04	-1.908e+06	
		-2.045e+06	-2.283e+04	0.01	0.0	322.3	586.24	395.05	24.37	223.63	-1.497e+04	1.248e+06	
						644.5	586.24	-2.083e+04	24.37	223.63	-7122.46	-2.045e+06	
134	3	1.409e+06	-6538.16	-0.33	-4.322e+04	0.0	519.74	1.966e+04	30.49	669.23	-2.619e+04	-2.116e+06	
		-2.305e+06	-2.619e+04	0.02	0.0	322.3	519.74	516.27	30.49	669.23	-1.637e+04	1.409e+06	
						644.5	519.74	-2.356e+04	30.49	669.23	-6538.16	-2.305e+06	
134	4	1.409e+06	-6498.58	-0.33	-4.322e+04	0.0	508.78	1.966e+04	30.73	702.98	-2.631e+04	-2.117e+06	
		-2.304e+06	-2.631e+04	0.02	0.0	322.3	508.78	517.32	30.73	702.98	-1.640e+04	1.409e+06	
						644.5	508.78	-2.356e+04	30.73	702.98	-6498.58	-2.304e+06	
134	8	1.058e+06	-5147.65	-0.25	-3.254e+04	0.0	416.92	1.484e+04	22.33	422.60	-1.954e+04	-1.595e+06	
		-1.732e+06	-1.954e+04	0.01	0.0	322.3	416.92	377.29	22.33	422.60	-1.234e+04	1.058e+06	
						644.5	416.92	-1.769e+04	22.33	422.60	-5147.65	-1.732e+06	
134	119	9.647e+05	-1.035e+04	-0.22	-2.994e+04	0.0	438.97	1.363e+04	2.92	6021.33	-1.224e+04	-1.410e+06	
		-1.645e+06	-1.224e+04	0.02	0.0	322.3	438.97	109.43	2.92	6021.33	-1.130e+04	9.647e+05	
						644.5	438.97	-1.631e+04	2.92	6021.33	-1.035e+04	-1.645e+06	
134	128	9.650e+05	-1514.00	-0.22	-2.994e+04	0.0	344.24	1.369e+04	37.92	-4813.63	-2.596e+04	-1.428e+06	
		-1.627e+06	-2.596e+04	8.56e-03	0.0	322.3	344.24	165.30	37.92	-4813.63	-1.374e+04	9.650e+05	
						644.5	344.24	-1.625e+04	37.92	-4813.63	-1514.00	-1.627e+06	
134	130	9.648e+05	9190.45	-0.22	-2.994e+04	0.0	350.67	1.389e+04	80.57	-2.150e+04	-4.274e+04	-1.493e+06	
		-1.563e+06	-4.274e+04	-0.03	0.0	322.3	350.67	365.91	80.57	-2.150e+04	-1.677e+04	9.648e+05	
						644.5	350.67	-1.605e+04	80.57	-2.150e+04	9190.45	-1.563e+06	
134	133	9.646e+05	8489.19	-0.22	-2.994e+04	0.0	601.35	1.387e+04	-44.05	2.156e+04	8489.19	-1.488e+06	
		-1.568e+06	-1.990e+04	0.05	0.0	322.3	601.35	349.57	-44.05	2.156e+04	-5706.55	9.646e+05	
						644.5	601.35	-1.607e+04	-44.05	2.156e+04	-1.990e+04	-1.568e+06	
134	136	9.649e+05	8923.83	-0.22	-2.994e+04	0.0	311.71	1.378e+04	81.57	-2.123e+04	-4.365e+04	-1.460e+06	
		-1.595e+06	-4.365e+04	-0.03	0.0	322.3	311.71	264.19	81.57	-2.123e+04	-1.736e+04	9.649e+05	
						644.5	311.71	-1.615e+04	81.57	-2.123e+04	8923.83	-1.595e+06	
134	151	9.647e+05	-9251.80	-0.22	-2.994e+04	0.0	442.94	1.367e+04	6.51	4694.49	-1.345e+04	-1.425e+06	
		-1.631e+06	-1.345e+04	0.02	0.0	322.3	442.94	154.14	6.51	4694.49	-1.135e+04	9.647e+05	
						644.5	442.94	-1.626e+04	6.51	4694.49	-9251.80	-1.631e+06	
134	160	9.650e+05	-2414.14	-0.22	-2.994e+04	0.0	369.67	1.372e+04	33.58	-3687.04	-2.406e+04	-1.438e+06	
		-1.617e+06	-2.406e+04	9.00e-03	0.0	322.3	369.67	197.36	33.58	-3687.04	-1.324e+04	9.650e+05	
						644.5	369.67	-1.622e+04	33.58	-3687.04	-2414.14	-1.617e+06	
134	162	9.648e+05	5866.43	-0.22	-2.994e+04	0.0	374.64	1.387e+04	66.57	-1.659e+04	-3.704e+04	-1.489e+06	
		-1.567e+06	-3.704e+04	-0.02	0.0	322.3	374.64	352.54	66.57	-1.659e+04	-1.559e+04	9.648e+05	
						644.5	374.64	-1.606e+04	66.57	-1.659e+04	5866.43	-1.567e+06	
134	165	9.646e+05	2586.30	-0.22	-2.994e+04	0.0	568.56	1.386e+04	-29.83	1.671e+04	2586.30	-1.485e+06	
		-1.571e+06	-1.664e+04	0.04	0.0	322.3	568.56	339.91	-29.83	1.671e+04	-7026.16	9.646e+05	

						644.5	568.56	-1.608e+04	-29.83	1.671e+04	-1.664e+04	-1.571e+06	
134	168	9.649e+05	5660.19	-0.22	-2.994e+04	0.0	344.51	1.379e+04	67.34	-1.639e+04	-3.775e+04	-1.463e+06	
		-1.592e+06	-3.775e+04	-0.02	0.0	322.3	344.51	273.86	67.34	-1.639e+04	-1.604e+04	9.649e+05	
						644.5	344.51	-1.614e+04	67.34	-1.639e+04	5660.19	-1.592e+06	
135	3	2.495e+05	1.201e+05	0.02	-1.149e+04	0.0	1027.38	974.04	572.02	-3588.31	-4.840e+04	2.377e+05	
		-1.168e+06	-4.840e+04	-9.41e-03	0.0	147.3	1027.38	-4770.89	572.02	-3588.31	3.586e+04	-4.191e+04	
						294.6	1027.38	-1.052e+04	572.02	-3588.31	1.201e+05	-1.168e+06	
135	4	2.491e+05	1.206e+05	0.02	-1.149e+04	0.0	1024.49	976.65	575.09	-3749.24	-4.880e+04	2.373e+05	
		-1.167e+06	-4.880e+04	-9.46e-03	0.0	147.3	1024.49	-4768.28	575.09	-3749.24	3.591e+04	-4.198e+04	
						294.6	1024.49	-1.051e+04	575.09	-3749.24	1.206e+05	-1.167e+06	
135	12	1.867e+05	8.149e+04	0.02	-8838.25	0.0	765.99	1057.89	391.85	-1747.69	-3.395e+04	1.681e+05	
		-8.221e+05	-3.395e+04	-6.37e-03	0.0	147.3	765.99	-3361.23	391.85	-1747.69	2.377e+04	-1534.69	
						294.6	765.99	-7780.36	391.85	-1747.69	8.149e+04	-8.221e+05	
135	114	8.349e+04	9.135e+04	0.02	-8838.31	0.0	677.27	1817.85	460.11	-7987.51	-4.420e+04	2.884e+04	
		-7.375e+05	-4.420e+04	-9.69e-03	0.0	147.3	677.27	-2601.31	460.11	-7987.51	2.358e+04	-2.886e+04	
						294.6	677.27	-7020.46	460.11	-7987.51	9.135e+04	-7.375e+05	
135	116	3.279e+05	7.725e+04	0.01	-8838.31	0.0	870.91	10.58	361.08	3531.45	-2.913e+04	3.279e+05	
		-9.709e+05	-2.913e+04	-4.76e-03	0.0	147.3	870.91	-4408.57	361.08	3531.45	2.406e+04	3951.60	
						294.6	870.91	-8827.72	361.08	3531.45	7.725e+04	-9.709e+05	
135	117	7.837e+04	9.271e+04	0.02	-8838.31	0.0	685.88	1870.83	453.51	-7597.11	-4.089e+04	2.080e+04	
		-7.299e+05	-4.089e+04	-8.75e-03	0.0	147.3	685.88	-2548.33	453.51	-7597.11	2.591e+04	-2.910e+04	
						294.6	685.88	-6967.48	453.51	-7597.11	9.271e+04	-7.299e+05	
135	118	8.293e+04	9.132e+04	0.02	-8838.31	0.0	675.58	1823.51	458.29	-7842.41	-4.369e+04	2.797e+04	
		-7.367e+05	-4.369e+04	-9.53e-03	0.0	147.3	675.58	-2595.65	458.29	-7842.41	2.381e+04	-2.890e+04	
						294.6	675.58	-7014.80	458.29	-7842.41	9.132e+04	-7.367e+05	
135	119	3.198e+05	7.861e+04	0.01	-8838.31	0.0	879.52	63.57	354.47	3921.86	-2.582e+04	3.198e+05	
		-9.633e+05	-2.582e+04	-4.08e-03	0.0	147.3	879.52	-4355.59	354.47	3921.86	2.639e+04	3715.00	
						294.6	879.52	-8774.74	354.47	3921.86	7.861e+04	-9.633e+05	
135	146	1.054e+05	8.990e+04	0.02	-8838.31	0.0	699.98	1619.87	447.94	-6622.72	-4.206e+04	6.169e+04	
		-7.630e+05	-4.206e+04	-8.97e-03	0.0	147.3	699.98	-2799.28	447.94	-6622.72	2.392e+04	-2.518e+04	
						294.6	699.98	-7218.44	447.94	-6622.72	8.990e+04	-7.630e+05	
135	148	2.930e+05	7.899e+04	0.01	-8838.31	0.0	849.77	221.84	371.34	2287.92	-3.040e+04	2.930e+05	
		-9.435e+05	-3.040e+04	-5.17e-03	0.0	147.3	849.77	-4197.32	371.34	2287.92	2.430e+04	205.47	
						294.6	849.77	-8616.47	371.34	2287.92	7.899e+04	-9.435e+05	
135	149	1.014e+05	9.096e+04	0.02	-8838.31	0.0	706.64	1660.86	442.84	-6320.72	-3.950e+04	5.547e+04	
		-7.571e+05	-3.950e+04	-8.27e-03	0.0	147.3	706.64	-2758.30	442.84	-6320.72	2.573e+04	-2.536e+04	
						294.6	706.64	-7177.45	442.84	-6320.72	9.096e+04	-7.571e+05	
135	150	1.050e+05	8.988e+04	0.02	-8838.31	0.0	698.67	1624.25	446.54	-6510.47	-4.167e+04	6.101e+04	
		-7.624e+05	-4.167e+04	-8.84e-03	0.0	147.3	698.67	-2794.90	446.54	-6510.47	2.410e+04	-2.521e+04	
						294.6	698.67	-7214.06	446.54	-6510.47	8.988e+04	-7.624e+05	
135	151	2.868e+05	8.005e+04	0.01	-8838.31	0.0	856.43	262.82	366.23	2589.93	-2.784e+04	2.868e+05	
		-9.377e+05	-2.784e+04	-4.63e-03	0.0	147.3	856.43	-4156.33	366.23	2589.93	2.610e+04	22.45	
						294.6	856.43	-8575.48	366.23	2589.93	8.005e+04	-9.377e+05	
136	3	6.419e+05	4.409e+04	-0.05	-3.068e+04	0.0	616.78	1.580e+04	68.52	-5.448e+04	1.595e+04	-1.027e+06	
		-1.027e+06	1.595e+04	-0.02	0.0	205.3	616.78	456.73	68.52	-5.448e+04	3.002e+04	6.419e+05	
						410.6	616.78	-1.488e+04	68.52	-5.448e+04	4.409e+04	-8.393e+05	
136	4	6.411e+05	4.416e+04	-0.05	-3.068e+04	0.0	658.57	1.578e+04	68.50	-5.455e+04	1.603e+04	-1.025e+06	
		-1.025e+06	1.603e+04	-0.02	0.0	205.3	658.57	443.27	68.50	-5.455e+04	3.010e+04	6.411e+05	
						410.6	658.57	-1.490e+04	68.50	-5.455e+04	4.416e+04	-8.428e+05	
136	5	4.047e+05	2.934e+04	-0.03	-1.939e+04	0.0	362.06	1.012e+04	47.88	-4.240e+04	9679.34	-6.784e+05	
		-6.784e+05	9679.34	-0.02	0.0	205.3	362.06	427.28	47.88	-4.240e+04	1.951e+04	4.047e+05	
						410.6	362.06	-9269.08	47.88	-4.240e+04	2.934e+04	-5.030e+05	
136	11	6.169e+05	4.307e+04	-0.04	-2.959e+04	0.0	688.59	1.524e+04	67.21	-5.479e+04	1.547e+04	-9.932e+05	
		-9.932e+05	1.547e+04	-0.02	0.0	205.3	688.59	443.91	67.21	-5.479e+04	2.927e+04	6.169e+05	
						410.6	688.59	-1.435e+04	67.21	-5.479e+04	4.307e+04	-8.109e+05	
136	113	4.460e+05	3.664e+04	-0.03	-2.092e+04	0.0	279.25	1.121e+04	78.18	-4.574e+04	4539.44	-7.838e+05	
		-7.838e+05	4539.44	-0.02	0.0	205.3	279.25	748.04	78.18	-4.574e+04	2.059e+04	4.435e+05	
						410.6	279.25	-9711.40	78.18	-4.574e+04	3.664e+04	-4.766e+05	
136	118	4.449e+05	2.454e+04	-0.03	-2.092e+04	0.0	246.47	1.118e+04	11.44	-3.791e+04	1.984e+04	-7.776e+05	
		-7.776e+05	1.984e+04	-7.79e-03	0.0	205.3	246.47	716.75	11.44	-3.791e+04	2.219e+04	4.433e+05	
						410.6	246.47	-9742.68	11.44	-3.791e+04	2.454e+04	-4.833e+05	
136	119	4.302e+05	3.750e+04	-0.03	-2.092e+04	0.0	586.27	1.053e+04	87.80	-4.660e+04	1446.85	-6.588e+05	
		-6.588e+05	1446.85	-0.04	0.0	205.3	586.27	74.02	87.80	-4.660e+04	1.947e+04	4.302e+05	
						410.6	586.27	-1.039e+04	87.80	-4.660e+04	3.750e+04	-6.284e+05	
136	131	4.351e+05	4.872e+04	-0.04	-2.092e+04	0.0	510.64	1.081e+04	162.23	-5.672e+04	-1.790e+04	-7.107e+05	
		-7.107e+05	-1.790e+04	-0.05	0.0	205.3	510.64	351.00	162.23	-5.672e+04	1.541e+04	4.351e+05	
						410.6	510.64	-1.011e+04	162.23	-5.672e+04	4.872e+04	-5.666e+05	
136	143	4.356e+05	5.402e+04	-0.03	-2.092e+04	0.0	498.13	1.083e+04	162.82	-5.424e+04	-1.285e+04	-7.144e+05	
		-7.144e+05	-1.285e+04	-0.05	0.0	205.3	498.13	371.55	162.82	-5.424e+04	2.059e+04	4.356e+05	
						410.6	498.13	-1.009e+04	162.82	-5.424e+04	5.402e+04	-5.618e+05	
136	145	4.424e+05	3.537e+04	-0.03	-2.092e+04	0.0	310.30	1.113e+04	71.71	-4.495e+04	5922.00	-7.690e+05	
		-7.690e+05	5922.00	-0.02	0.0	205.3	310.30	668.19	71.71	-4.495e+04	2.065e+04	4.420e+05	
						410.6	310.30	-9791.25	71.71	-4.495e+04	3.537e+04	-4.946e+05	
136	150	4.418e+05	2.601e+04	-0.03	-2.092e+04	0.0	284.94	1.110e+04	20.09	-3.889e+04	1.776e+04	-7.642e+05	
		-7.642e+05	1.776e+04	-0.01	0.0	205.3	284.94	643.98	20.09	-3.889e+04	2.189e+04	4.418e+05	
						410.6	284.94	-9815.45	20.09	-3.889e+04	2.601e+04	-4.997e+05	
136	151	4.317e+05	3.603e+04	-0.03	-2.092e+04	0.0	547.80	1.061e+04	79.15	-4.561e+04	3529.68	-6.722e+05	

		-6.722e+05	3529.68	-0.03	0.0	205.3	547.80	146.79	79.15	-4.561e+04	1.978e+04	4.317e+05
						410.6	547.80	-1.031e+04	79.15	-4.561e+04	3.603e+04	-6.120e+05
136	163	4.355e+05	4.471e+04	-0.04	-2.092e+04	0.0	489.30	1.082e+04	136.73	-5.344e+04	-1.144e+04	-7.124e+05
		-7.124e+05	-1.144e+04	-0.04	0.0	205.3	489.30	361.05	136.73	-5.344e+04	1.663e+04	4.355e+05
						410.6	489.30	-1.010e+04	136.73	-5.344e+04	4.471e+04	-5.642e+05
136	175	4.359e+05	4.881e+04	-0.03	-2.092e+04	0.0	479.61	1.084e+04	137.19	-5.152e+04	-7526.65	-7.153e+05
		-7.153e+05	-7526.65	-0.04	0.0	205.3	479.61	376.94	137.19	-5.152e+04	2.064e+04	4.359e+05
						410.6	479.61	-1.008e+04	137.19	-5.152e+04	4.881e+04	-5.605e+05
137	1	3.552e+05	1.671e+04	0.02	-2.716e+04	0.0	137.19	1.441e+04	64.71	-1.602e+04	-9967.06	-1.216e+06
		-1.216e+06	-9967.06	-0.06	0.0	206.2	137.19	830.17	64.71	-1.602e+04	3373.14	3.552e+05
						412.3	137.19	-1.275e+04	64.71	-1.602e+04	1.671e+04	-8.736e+05
137	3	4.052e+05	1.866e+04	0.02	-3.081e+04	0.0	252.81	1.629e+04	68.87	-1.615e+04	-9733.68	-1.366e+06
		-1.366e+06	-9733.68	-0.06	0.0	206.2	252.81	889.51	68.87	-1.615e+04	4465.32	4.052e+05
						412.3	252.81	-1.452e+04	68.87	-1.615e+04	1.866e+04	-9.994e+05
137	4	4.061e+05	1.873e+04	0.02	-3.081e+04	0.0	279.52	1.629e+04	68.95	-1.615e+04	-9700.04	-1.364e+06
		-1.364e+06	-9700.04	-0.06	0.0	206.2	279.52	883.90	68.95	-1.615e+04	4515.35	4.061e+05
						412.3	279.52	-1.452e+04	68.95	-1.615e+04	1.873e+04	-9.996e+05
137	5	2.526e+05	1.199e+04	0.01	-1.947e+04	0.0	17.78	1.036e+04	48.03	-1.226e+04	-7816.37	-8.802e+05
		-8.802e+05	-7816.37	-0.04	0.0	206.2	17.78	624.55	48.03	-1.226e+04	2085.64	2.522e+05
						412.3	17.78	-9111.72	48.03	-1.226e+04	1.199e+04	-6.226e+05
137	113	2.803e+05	4356.10	0.01	-2.100e+04	0.0	-300.33	1.147e+04	55.96	-9536.46	-1.872e+04	-1.010e+06
		-1.010e+06	-1.872e+04	-0.03	0.0	206.2	-300.33	967.41	55.96	-9536.46	-7181.29	2.723e+05
						412.3	-300.33	-9535.08	55.96	-9536.46	4356.10	-6.109e+05
137	114	2.809e+05	2.463e+04	0.01	-2.100e+04	0.0	-337.91	1.146e+04	37.73	-1.288e+04	9076.46	-1.007e+06
		-1.007e+06	9076.46	-0.05	0.0	206.2	-337.91	956.42	37.73	-1.288e+04	1.686e+04	2.732e+05
						412.3	-337.91	-9546.06	37.73	-1.288e+04	2.463e+04	-6.123e+05
137	118	2.809e+05	2.220e+04	0.01	-2.100e+04	0.0	-340.43	1.146e+04	33.18	-1.205e+04	8522.33	-1.007e+06
		-1.007e+06	8522.33	-0.04	0.0	206.2	-340.43	956.30	33.18	-1.205e+04	1.536e+04	2.731e+05
						412.3	-340.43	-9546.18	33.18	-1.205e+04	2.220e+04	-6.123e+05
137	119	2.751e+05	3533.81	0.01	-2.100e+04	0.0	521.44	1.083e+04	66.52	-1.259e+04	-2.389e+04	-8.761e+05
		-8.761e+05	-2.389e+04	-0.04	0.0	206.2	521.44	332.41	66.52	-1.259e+04	-1.018e+04	2.751e+05
						412.3	521.44	-1.017e+04	66.52	-1.259e+04	3533.81	-7.390e+05
137	130	2.768e+05	4.715e+04	0.01	-2.100e+04	0.0	-95.01	1.122e+04	18.57	-1.755e+04	3.950e+04	-9.562e+05
		-9.562e+05	3.950e+04	-0.07	0.0	206.2	-95.01	721.31	18.57	-1.755e+04	4.333e+04	2.751e+05
						412.3	-95.01	-9781.17	18.57	-1.755e+04	4.715e+04	-6.588e+05
137	131	2.731e+05	-2.142e+04	0.01	-2.100e+04	0.0	276.01	1.107e+04	81.13	-7087.97	-5.487e+04	-9.265e+05
		-9.265e+05	-5.487e+04	-0.02	0.0	206.2	276.01	567.40	81.13	-7087.97	-3.814e+04	2.731e+05
						412.3	276.01	-9935.08	81.13	-7087.97	-2.142e+04	-6.926e+05
137	145	2.789e+05	6283.71	0.01	-2.100e+04	0.0	-211.83	1.140e+04	54.58	-1.017e+04	-1.622e+04	-9.943e+05
		-9.943e+05	-1.622e+04	-0.04	0.0	206.2	-211.83	894.26	54.58	-1.017e+04	-4968.30	2.727e+05
						412.3	-211.83	-9608.23	54.58	-1.017e+04	6283.71	-6.255e+05
137	146	2.793e+05	2.197e+04	0.01	-2.100e+04	0.0	-240.90	1.139e+04	40.48	-1.275e+04	5280.99	-9.919e+05
		-9.919e+05	5280.99	-0.05	0.0	206.2	-240.90	885.76	40.48	-1.275e+04	1.363e+04	2.734e+05
						412.3	-240.90	-9616.73	40.48	-1.275e+04	2.197e+04	-6.266e+05
137	150	2.793e+05	2.009e+04	0.01	-2.100e+04	0.0	-242.85	1.139e+04	36.96	-1.211e+04	4852.34	-9.919e+05
		-9.919e+05	4852.34	-0.04	0.0	206.2	-242.85	885.66	36.96	-1.211e+04	1.247e+04	2.733e+05
						412.3	-242.85	-9616.82	36.96	-1.211e+04	2.009e+04	-6.267e+05
137	151	2.748e+05	5647.62	0.01	-2.100e+04	0.0	423.86	1.091e+04	62.74	-1.253e+04	-2.022e+04	-8.909e+05
		-8.909e+05	-2.022e+04	-0.04	0.0	206.2	423.86	403.05	62.74	-1.253e+04	-7287.61	2.748e+05
						412.3	423.86	-1.010e+04	62.74	-1.253e+04	5647.62	-7.247e+05
137	162	2.761e+05	3.939e+04	0.01	-2.100e+04	0.0	-53.00	1.121e+04	25.65	-1.637e+04	2.881e+04	-9.529e+05
		-9.529e+05	2.881e+04	-0.06	0.0	206.2	-53.00	703.89	25.65	-1.637e+04	3.410e+04	2.749e+05
						412.3	-53.00	-9798.60	25.65	-1.637e+04	3.939e+04	-6.626e+05
137	163	2.733e+05	-1.365e+04	0.01	-2.100e+04	0.0	234.01	1.109e+04	74.05	-8272.63	-4.419e+04	-9.299e+05
		-9.299e+05	-4.419e+04	-0.03	0.0	206.2	234.01	584.83	74.05	-8272.63	-2.892e+04	2.733e+05
						412.3	234.01	-9917.66	74.05	-8272.63	-1.365e+04	-6.887e+05
138	3	1.383e+06	-846.14	-0.33	-4.322e+04	0.0	424.72	1.989e+04	128.47	-1.318e+04	-8.365e+04	-2.217e+06
		-2.255e+06	-8.365e+04	-0.02	0.0	322.3	424.72	749.98	128.47	-1.318e+04	-4.225e+04	1.383e+06
						644.5	424.72	-2.333e+04	128.47	-1.318e+04	-846.14	-2.255e+06
138	4	1.383e+06	-779.66	-0.33	-4.322e+04	0.0	485.75	1.989e+04	128.78	-1.323e+04	-8.378e+04	-2.218e+06
		-2.255e+06	-8.378e+04	-0.02	0.0	322.3	485.75	751.92	128.78	-1.323e+04	-4.228e+04	1.383e+06
						644.5	485.75	-2.333e+04	128.78	-1.323e+04	-779.66	-2.255e+06
138	5	8.823e+05	-1663.41	-0.20	-2.806e+04	0.0	183.71	1.322e+04	85.85	-9587.46	-5.700e+04	-1.443e+06
		-1.446e+06	-5.700e+04	-0.02	0.0	322.3	183.71	384.60	85.85	-9587.46	-2.933e+04	8.823e+05
						644.5	183.71	-1.483e+04	85.85	-9587.46	-1663.41	-1.446e+06
138	11	1.335e+06	-947.09	-0.32	-4.187e+04	0.0	535.08	1.936e+04	125.87	-1.315e+04	-8.207e+04	-2.151e+06
		-2.180e+06	-8.207e+04	-0.02	0.0	322.3	535.08	704.88	125.87	-1.315e+04	-4.151e+04	1.335e+06
						644.5	535.08	-2.252e+04	125.87	-1.315e+04	-947.09	-2.180e+06
138	115	9.510e+05	-2.053e+04	-0.22	-2.994e+04	0.0	1077.38	1.381e+04	23.80	-3590.20	-3.587e+04	-1.482e+06
		-1.601e+06	-3.587e+04	0.03	0.0	322.3	1077.38	290.71	23.80	-3590.20	-2.820e+04	9.510e+05
						644.5	1077.38	-1.613e+04	23.80	-3590.20	-2.053e+04	-1.601e+06
138	118	9.451e+05	1.703e+04	-0.22	-2.994e+04	0.0	-567.19	1.414e+04	150.24	-1.478e+04	-7.981e+04	-1.594e+06
		-1.594e+06	-7.981e+04	-0.05	0.0	322.3	-567.19	619.26	150.24	-1.478e+04	-3.139e+04	9.451e+05
						644.5	-567.19	-1.580e+04	150.24	-1.478e+04	1.703e+04	-1.501e+06
138	119	9.510e+05	-1.957e+04	-0.22	-2.994e+04	0.0	1077.96	1.381e+04	31.08	-4824.54	-3.961e+04	-1.482e+06
		-1.601e+06	-3.961e+04	0.03	0.0	322.3	1077.96	290.64	31.08	-4824.54	-2.959e+04	9.510e+05
						644.5	1077.96	-1.613e+04	31.08	-4824.54	-1.957e+04	-1.601e+06

138	130	9.468e+05	5.184e+04	-0.22	-2.994e+04	0.0	-89.31	1.404e+04	296.65	-2.753e+04	-1.394e+05	-1.559e+06
		-1.559e+06	-1.394e+05	-0.14	0.0	322.3	-89.31	516.01	296.65	-2.753e+04	-4.376e+04	9.468e+05
						644.5	-89.31	-1.590e+04	296.65	-2.753e+04	5.184e+04	-1.532e+06
138	136	9.482e+05	5.007e+04	-0.22	-2.994e+04	0.0	283.64	1.395e+04	294.71	-2.711e+04	-1.399e+05	-1.532e+06
		-1.557e+06	-1.399e+05	-0.14	0.0	322.3	283.64	434.52	294.71	-2.711e+04	-4.490e+04	9.482e+05
						644.5	283.64	-1.598e+04	294.71	-2.711e+04	5.007e+04	-1.557e+06
138	147	9.503e+05	-1.617e+04	-0.22	-2.994e+04	0.0	891.25	1.385e+04	38.94	-4996.63	-4.127e+04	-1.495e+06
		-1.589e+06	-4.127e+04	0.03	0.0	322.3	891.25	327.90	38.94	-4996.63	-2.872e+04	9.503e+05
						644.5	891.25	-1.609e+04	38.94	-4996.63	-1.617e+04	-1.589e+06
138	150	9.457e+05	1.288e+04	-0.22	-2.994e+04	0.0	-380.93	1.410e+04	136.75	-1.365e+04	-7.526e+04	-1.582e+06
		-1.582e+06	-7.526e+04	-0.04	0.0	322.3	-380.93	582.06	136.75	-1.365e+04	-3.119e+04	9.457e+05
						644.5	-380.93	-1.583e+04	136.75	-1.365e+04	1.288e+04	-1.512e+06
138	151	9.503e+05	-1.543e+04	-0.22	-2.994e+04	0.0	891.70	1.385e+04	44.57	-5951.47	-4.416e+04	-1.495e+06
		-1.589e+06	-4.416e+04	0.02	0.0	322.3	891.70	327.85	44.57	-5951.47	-2.979e+04	9.503e+05
						644.5	891.70	-1.609e+04	44.57	-5951.47	-1.543e+04	-1.589e+06
138	162	9.471e+05	3.981e+04	-0.22	-2.994e+04	0.0	-11.26	1.402e+04	250.01	-2.351e+04	-1.213e+05	-1.554e+06
		-1.554e+06	-1.213e+05	-0.11	0.0	322.3	-11.26	502.18	250.01	-2.351e+04	-4.076e+04	9.471e+05
						644.5	-11.26	-1.591e+04	250.01	-2.351e+04	3.981e+04	-1.536e+06
138	168	9.482e+05	3.845e+04	-0.22	-2.994e+04	0.0	277.24	1.396e+04	248.51	-2.319e+04	-1.217e+05	-1.533e+06
		-1.556e+06	-1.217e+05	-0.11	0.0	322.3	277.24	439.14	248.51	-2.319e+04	-4.164e+04	9.482e+05
						644.5	277.24	-1.598e+04	248.51	-2.319e+04	3.845e+04	-1.556e+06
139	3	2.273e+05	5.356e+04	-8.20e-03	-2.201e+04	0.0	1826.37	7434.40	-52.02	2.058e+04	5.356e+04	-1.405e+05
		-1.193e+06	3.824e+04	0.03	0.0	147.3	1826.37	-3571.78	-52.02	2.058e+04	4.590e+04	1.440e+05
						294.6	1826.37	-1.458e+04	-52.02	2.058e+04	3.824e+04	-1.193e+06
139	4	2.266e+05	5.363e+04	-8.37e-03	-2.201e+04	0.0	1845.46	7452.39	-51.32	2.059e+04	5.363e+04	-1.428e+05
		-1.190e+06	3.851e+04	0.03	0.0	147.3	1845.46	-3553.79	-51.32	2.059e+04	4.607e+04	1.443e+05
						294.6	1845.46	-1.456e+04	-51.32	2.059e+04	3.851e+04	-1.190e+06
139	5	1.544e+05	4.186e+04	9.97e-03	-1.391e+04	0.0	1041.35	4416.79	-82.55	1.476e+04	4.186e+04	-5.210e+04
		-8.002e+05	1.754e+04	0.02	0.0	147.3	1041.35	-2539.54	-82.55	1.476e+04	2.970e+04	8.616e+04
						294.6	1041.35	-9495.88	-82.55	1.476e+04	1.754e+04	-8.002e+05
139	9	2.073e+05	5.437e+04	7.62e-03	-1.941e+04	0.0	1577.16	6371.46	-86.54	1.969e+04	5.437e+04	-1.001e+05
		-1.082e+06	2.888e+04	0.03	0.0	147.3	1577.16	-3331.34	-86.54	1.969e+04	4.163e+04	1.238e+05
						294.6	1577.16	-1.303e+04	-86.54	1.969e+04	2.888e+04	-1.082e+06
139	113	1.313e+05	8.365e+04	0.01	-1.501e+04	0.0	761.02	5504.22	303.27	1.205e+04	-5693.79	-1.659e+05
		-7.550e+05	-5693.79	0.01	0.0	147.3	761.02	-1999.56	303.27	1.205e+04	3.898e+04	9.218e+04
						294.6	761.02	-9503.33	303.27	1.205e+04	8.365e+04	-7.550e+05
139	116	1.983e+05	8.899e+04	-6.51e-03	-1.501e+04	0.0	1597.70	4285.15	-437.15	1.826e+04	8.899e+04	1.963e+04
		-9.286e+05	-3.980e+04	0.03	0.0	147.3	1597.70	-3218.63	-437.15	1.826e+04	2.459e+04	9.818e+04
						294.6	1597.70	-1.072e+04	-437.15	1.826e+04	-3.980e+04	-9.286e+05
139	120	1.980e+05	8.924e+04	-6.56e-03	-1.501e+04	0.0	1589.31	4288.37	-432.40	1.839e+04	8.924e+04	1.911e+04
		-9.282e+05	-3.814e+04	0.03	0.0	147.3	1589.31	-3215.40	-432.40	1.839e+04	2.555e+04	9.813e+04
						294.6	1589.31	-1.072e+04	-432.40	1.839e+04	-3.814e+04	-9.282e+05
139	145	1.370e+05	6.967e+04	0.01	-1.501e+04	0.0	855.75	5366.20	219.44	1.275e+04	5025.70	-1.449e+05
		-7.747e+05	5025.70	0.01	0.0	147.3	855.75	-2137.58	219.44	1.275e+04	3.735e+04	9.286e+04
						294.6	855.75	-9641.35	219.44	1.275e+04	6.967e+04	-7.747e+05
139	148	1.899e+05	7.827e+04	-5.86e-03	-1.501e+04	0.0	1502.97	4423.17	-353.32	1.756e+04	7.827e+04	-1378.42
		-9.089e+05	-2.582e+04	0.03	0.0	147.3	1502.97	-3080.61	-353.32	1.756e+04	2.622e+04	9.750e+04
						294.6	1502.97	-1.058e+04	-353.32	1.756e+04	-2.582e+04	-9.089e+05
139	152	1.898e+05	7.846e+04	-5.90e-03	-1.501e+04	0.0	1496.48	4425.66	-349.65	1.766e+04	7.846e+04	-1784.57
		-9.086e+05	-2.454e+04	0.03	0.0	147.3	1496.48	-3078.11	-349.65	1.766e+04	2.696e+04	9.746e+04
						294.6	1496.48	-1.058e+04	-349.65	1.766e+04	-2.454e+04	-9.086e+05
140	4	2.396e+05	5.030e+04	0.04	-1.125e+04	0.0	-2428.47	5813.08	60.73	3723.17	2.537e+04	-3.765e+05
		-3.765e+05	2.537e+04	-0.03	0.0	205.3	-2428.47	187.89	60.73	3723.17	3.783e+04	2.396e+05
						410.6	-2428.47	-5437.31	60.73	3723.17	5.030e+04	-2.993e+05
140	5	1.635e+05	3.231e+04	0.02	-7576.19	0.0	-1423.67	4044.75	38.25	3824.18	1.660e+04	-2.786e+05
		-2.786e+05	1.660e+04	-0.02	0.0	205.3	-1423.67	256.66	38.25	3824.18	2.445e+04	1.630e+05
						410.6	-1423.67	-3531.44	38.25	3824.18	3.231e+04	-1.732e+05
140	9	2.560e+05	4.511e+04	0.03	-1.170e+04	0.0	-2175.54	6195.28	53.70	4793.81	2.306e+04	-4.152e+05
		-4.152e+05	2.306e+04	-0.03	0.0	205.3	-2175.54	342.99	53.70	4793.81	3.409e+04	2.560e+05
						410.6	-2175.54	-5509.30	53.70	4793.81	4.511e+04	-2.744e+05
140	113	1.768e+05	4.773e+04	0.02	-7988.00	0.0	-1529.17	4335.03	110.40	-878.72	2395.36	-3.056e+05
		-3.056e+05	2395.36	-0.03	0.0	205.3	-1529.17	341.03	110.40	-878.72	2.506e+04	1.745e+05
						410.6	-1529.17	-3652.96	110.40	-878.72	4.773e+04	-1.655e+05
140	131	1.701e+05	7.819e+04	0.02	-7988.00	0.0	-1499.92	4206.03	287.97	-1.162e+04	-4.007e+04	-2.834e+05
		-2.834e+05	-4.007e+04	-0.07	0.0	205.3	-1499.92	212.03	287.97	-1.162e+04	1.906e+04	1.701e+05
						410.6	-1499.92	-3781.97	287.97	-1.162e+04	7.819e+04	-1.964e+05
140	135	1.704e+05	7.860e+04	0.02	-7988.00	0.0	-1503.99	4216.44	288.02	-1.155e+04	-3.967e+04	-2.853e+05
		-2.853e+05	-3.967e+04	-0.07	0.0	205.3	-1503.99	222.44	288.02	-1.155e+04	1.947e+04	1.704e+05
						410.6	-1503.99	-3771.56	288.02	-1.155e+04	7.860e+04	-1.940e+05
140	141	1.723e+05	7.609e+04	0.02	-7988.00	0.0	-1473.49	4259.90	249.41	-7800.44	-2.633e+04	-2.927e+05
		-2.927e+05	-2.633e+04	-0.07	0.0	205.3	-1473.49	265.90	249.41	-7800.44	2.488e+04	1.719e+05
						410.6	-1473.49	-3728.10	249.41	-7800.44	7.609e+04	-1.835e+05
140	144	1.706e+05	6.165e+04	0.02	-7988.00	0.0	-1700.01	4161.89	-166.76	1.475e+04	6.165e+04	-2.739e+05
		-2.739e+05	-6833.30	0.02	0.0	205.3	-1700.01	167.90	-166.76	1.475e+04	2.741e+04	1.706e+05
						410.6	-1700.01	-3826.10	-166.76	1.475e+04	-6833.30	-2.050e+05
140	145	1.754e+05	4.476e+04	0.02	-7988.00	0.0	-1542.21	4306.92	94.76	107.63	5851.76	-3.005e+05
		-3.005e+05	5851.76	-0.03	0.0	205.3	-1542.21	312.93	94.76	107.63	2.531e+04	1.738e+05

						410.6	-1542.21	-3681.07	94.76	107.63	4.476e+04	-1.720e+05	
140	163	1.704e+05	6.832e+04	0.02	-7988.00	0.0	-1519.58	4207.13	232.12	-8202.67	-2.699e+04	-2.834e+05	
		-2.834e+05	-2.699e+04	-0.06	0.0	205.3	-1519.58	213.13	232.12	-8202.67	2.067e+04	1.704e+05	
						410.6	-1519.58	-3780.87	232.12	-8202.67	6.832e+04	-1.959e+05	
140	167	1.706e+05	6.865e+04	0.02	-7988.00	0.0	-1522.73	4215.18	232.16	-8149.40	-2.669e+04	-2.848e+05	
		-2.848e+05	-2.669e+04	-0.06	0.0	205.3	-1522.73	221.18	232.16	-8149.40	2.098e+04	1.706e+05	
						410.6	-1522.73	-3772.81	232.16	-8149.40	6.865e+04	-1.940e+05	
140	173	1.719e+05	6.670e+04	0.02	-7988.00	0.0	-1499.13	4248.80	202.29	-5246.76	-1.637e+04	-2.906e+05	
		-2.906e+05	-1.637e+04	-0.06	0.0	205.3	-1499.13	254.80	202.29	-5246.76	2.517e+04	1.718e+05	
						410.6	-1499.13	-3739.19	202.29	-5246.76	6.670e+04	-1.859e+05	
140	176	1.707e+05	5.169e+04	0.02	-7988.00	0.0	-1674.36	4172.99	-119.64	1.220e+04	5.169e+04	-2.760e+05	
		-2.760e+05	2555.14	0.01	0.0	205.3	-1674.36	178.99	-119.64	1.220e+04	2.712e+04	1.707e+05	
						410.6	-1674.36	-3815.01	-119.64	1.220e+04	2555.14	-2.025e+05	
141	3	1.636e+05	2.961e+04	0.02	-1.084e+04	0.0	-2125.31	5639.57	116.97	-4058.55	-1.862e+04	-4.403e+05	
		-4.403e+05	-1.862e+04	-0.07	0.0	206.2	-2125.31	219.25	116.97	-4058.55	5494.98	1.636e+05	
						412.3	-2125.31	-5201.06	116.97	-4058.55	2.961e+04	-3.499e+05	
141	4	1.684e+05	2.967e+04	0.02	-1.130e+04	0.0	-2162.22	5889.62	117.09	-4032.96	-1.861e+04	-4.636e+05	
		-4.636e+05	-1.861e+04	-0.07	0.0	206.2	-2162.22	241.28	117.09	-4032.96	5531.99	1.684e+05	
						412.3	-2162.22	-5407.07	117.09	-4032.96	2.967e+04	-3.641e+05	
141	5	1.064e+05	1.986e+04	0.01	-7607.37	0.0	-1070.38	4008.16	81.45	-2901.29	-1.372e+04	-3.279e+05	
		-3.279e+05	-1.372e+04	-0.05	0.0	206.2	-1070.38	204.47	81.45	-2901.29	3073.44	1.064e+05	
						412.3	-1070.38	-3599.21	81.45	-2901.29	1.986e+04	-2.435e+05	
141	9	1.631e+05	2.731e+04	0.02	-1.175e+04	0.0	-1762.89	6201.03	110.01	-3784.45	-1.805e+04	-5.096e+05	
		-5.096e+05	-1.805e+04	-0.07	0.0	206.2	-1762.89	324.66	110.01	-3784.45	4626.77	1.631e+05	
						412.3	-1762.89	-5551.72	110.01	-3784.45	2.731e+04	-3.758e+05	
141	11	1.702e+05	2.900e+04	0.02	-1.175e+04	0.0	-2068.25	6158.08	115.04	-3940.50	-1.843e+04	-4.936e+05	
		-4.936e+05	-1.843e+04	-0.07	0.0	206.2	-2068.25	281.71	115.04	-3940.50	5286.33	1.702e+05	
						412.3	-2068.25	-5594.67	115.04	-3940.50	2.900e+04	-3.775e+05	
141	114	1.173e+05	3.775e+04	0.02	-8020.87	0.0	-1192.27	4339.09	79.39	-2417.38	5021.38	-3.659e+05	
		-3.659e+05	5021.38	-0.06	0.0	206.2	-1192.27	328.66	79.39	-2417.38	2.139e+04	1.153e+05	
						412.3	-1192.27	-3681.78	79.39	-2417.38	3.775e+04	-2.304e+05	
141	117	1.164e+05	1.027e+04	0.02	-8020.87	0.0	-1115.06	4341.07	89.71	-2135.48	-2.672e+04	-3.673e+05	
		-3.673e+05	-2.672e+04	-0.04	0.0	206.2	-1115.06	330.64	89.71	-2135.48	-8226.98	1.143e+05	
						412.3	-1115.06	-3679.80	89.71	-2135.48	1.027e+04	-2.309e+05	
141	125	1.154e+05	9217.91	0.02	-8020.87	0.0	-1114.38	4301.21	88.96	-2445.88	-2.746e+04	-3.590e+05	
		-3.590e+05	-2.746e+04	-0.05	0.0	206.2	-1114.38	290.78	88.96	-2445.88	-9122.31	1.144e+05	
						412.3	-1114.38	-3719.66	88.96	-2445.88	9217.91	-2.391e+05	
141	128	1.156e+05	3.267e+04	0.01	-8020.87	0.0	-1459.64	4116.93	80.20	-3501.47	-403.67	-3.197e+05	
		-3.197e+05	-403.67	-0.06	0.0	206.2	-1459.64	106.49	80.20	-3501.47	1.613e+04	1.156e+05	
						412.3	-1459.64	-3903.94	80.20	-3501.47	3.267e+04	-2.758e+05	
141	130	1.166e+05	7.333e+04	0.02	-8020.87	0.0	-1374.49	4246.21	77.20	-3502.91	4.150e+04	-3.454e+05	
		-3.454e+05	4.150e+04	-0.08	0.0	206.2	-1374.49	235.77	77.20	-3502.91	5.741e+04	1.166e+05	
						412.3	-1374.49	-3774.66	77.20	-3502.91	7.333e+04	-2.482e+05	
141	131	1.134e+05	-3.145e+04	0.01	-8020.87	0.0	-1199.53	4171.93	91.96	-2444.44	-6.936e+04	-3.333e+05	
		-3.333e+05	-6.936e+04	-0.03	0.0	206.2	-1199.53	161.50	91.96	-2444.44	-5.041e+04	1.134e+05	
						412.3	-1199.53	-3848.94	91.96	-2444.44	-3.145e+04	-2.667e+05	
141	146	1.165e+05	3.395e+04	0.02	-8020.87	0.0	-1213.72	4309.65	80.56	-2543.35	729.39	-3.599e+05	
		-3.599e+05	729.39	-0.06	0.0	206.2	-1213.72	299.22	80.56	-2543.35	1.734e+04	1.152e+05	
						412.3	-1213.72	-3711.22	80.56	-2543.35	3.395e+04	-2.365e+05	
141	149	1.158e+05	1.269e+04	0.02	-8020.87	0.0	-1154.00	4311.18	88.55	-2325.28	-2.383e+04	-3.609e+05	
		-3.609e+05	-2.383e+04	-0.05	0.0	206.2	-1154.00	300.75	88.55	-2325.28	-5570.62	1.145e+05	
						412.3	-1154.00	-3709.69	88.55	-2325.28	1.269e+04	-2.369e+05	
141	157	1.150e+05	1.187e+04	0.02	-8020.87	0.0	-1153.47	4280.35	87.97	-2565.39	-2.440e+04	-3.545e+05	
		-3.545e+05	-2.440e+04	-0.05	0.0	206.2	-1153.47	269.91	87.97	-2565.39	-6263.21	1.145e+05	
						412.3	-1153.47	-3740.52	87.97	-2565.39	1.187e+04	-2.432e+05	
141	160	1.155e+05	3.001e+04	0.01	-8020.87	0.0	-1420.55	4137.79	81.19	-3381.96	-3467.23	-3.242e+05	
		-3.242e+05	-3467.23	-0.06	0.0	206.2	-1420.55	127.36	81.19	-3381.96	1.327e+04	1.155e+05	
						412.3	-1420.55	-3883.08	81.19	-3381.96	3.001e+04	-2.717e+05	
141	162	1.163e+05	6.147e+04	0.02	-8020.87	0.0	-1354.68	4237.80	78.87	-3383.07	2.895e+04	-3.440e+05	
		-3.440e+05	2.895e+04	-0.07	0.0	206.2	-1354.68	227.36	78.87	-3383.07	4.521e+04	1.163e+05	
						412.3	-1354.68	-3783.07	78.87	-3383.07	6.147e+04	-2.503e+05	
141	163	1.138e+05	-1.958e+04	0.01	-8020.87	0.0	-1219.34	4180.34	90.29	-2564.28	-5.681e+04	-3.347e+05	
		-3.347e+05	-5.681e+04	-0.03	0.0	206.2	-1219.34	169.91	90.29	-2564.28	-3.820e+04	1.138e+05	
						412.3	-1219.34	-3840.53	90.29	-2564.28	-1.958e+04	-2.646e+05	
142	3	4.793e+05	-1.331e+04	-0.14	-1.421e+04	0.0	-4633.77	6262.38	75.62	-5544.50	-6.204e+04	-7.670e+05	
		-7.670e+05	-6.204e+04	-0.04	0.0	322.3	-4633.77	527.13	75.62	-5544.50	-3.767e+04	4.793e+05	
						644.5	-4633.77	-7945.58	75.62	-5544.50	-1.331e+04	-7.161e+05	
142	4	4.999e+05	-1.331e+04	-0.14	-1.477e+04	0.0	-4704.89	6485.04	75.45	-5569.45	-6.194e+04	-7.938e+05	
		-7.938e+05	-6.194e+04	-0.04	0.0	322.3	-4704.89	546.33	75.45	-5569.45	-3.763e+04	4.999e+05	
						644.5	-4704.89	-8282.83	75.45	-5569.45	-1.331e+04	-7.467e+05	
142	5	3.345e+05	-9491.00	-0.09	-1.003e+04	0.0	-2711.00	4429.70	55.16	-3982.33	-4.504e+04	-5.382e+05	
		-5.382e+05	-4.504e+04	-0.03	0.0	322.3	-2711.00	344.34	55.16	-3982.33	-2.727e+04	3.345e+05	
						644.5	-2711.00	-5601.36	55.16	-3982.33	-9491.00	-5.126e+05	
142	11	5.203e+05	-1.313e+04	-0.14	-1.533e+04	0.0	-4584.53	6699.83	74.44	-5531.06	-6.111e+04	-8.184e+05	
		-8.184e+05	-6.111e+04	-0.04	0.0	322.3	-4584.53	557.67	74.44	-5531.06	-3.712e+04	5.203e+05	
						644.5	-4584.53	-8627.94	74.44	-5531.06	-1.313e+04	-7.800e+05	
142	114	3.541e+05	1.050e+04	-0.09	-1.054e+04	0.0	-2897.89	4710.56	110.62	-8505.87	-6.080e+04	-5.891e+05	

		-5.891e+05	-6.080e+04	-0.08	0.0	322.3	-2897.89	440.73	110.62	-8505.87	-2.515e+04	3.521e+05
						644.5	-2897.89	-5828.15	110.62	-8505.87	1.050e+04	-5.160e+05
142	120	3.551e+05	5697.48	-0.10	-1.054e+04	0.0	-3253.36	4583.63	132.41	-5526.78	-7.965e+04	-5.452e+05
		-5.539e+05	-7.965e+04	-0.06	0.0	322.3	-3253.36	313.80	132.41	-5526.78	-3.698e+04	3.551e+05
						644.5	-3253.36	-5955.08	132.41	-5526.78	5697.48	-5.539e+05
142	125	3.533e+05	-1.620e+04	-0.09	-1.054e+04	0.0	-2825.25	4681.93	-14.55	-2135.35	-1.620e+04	-5.796e+05
		-5.796e+05	-2.558e+04	0.02	0.0	322.3	-2825.25	412.10	-14.55	-2135.35	-2.089e+04	3.525e+05
						644.5	-2825.25	-5856.78	-14.55	-2135.35	-2.558e+04	-5.248e+05
142	128	3.548e+05	6054.11	-0.10	-1.054e+04	0.0	-3261.81	4603.23	126.95	-6049.71	-7.577e+04	-5.519e+05
		-5.519e+05	-7.577e+04	-0.06	0.0	322.3	-3261.81	333.40	126.95	-6049.71	-3.486e+04	3.548e+05
						644.5	-3261.81	-5935.48	126.95	-6049.71	6054.11	-5.479e+05
142	130	3.537e+05	5.316e+04	-0.10	-1.054e+04	0.0	-3094.55	4676.88	285.95	-1.575e+04	-1.311e+05	-5.773e+05
		-5.773e+05	-1.311e+05	-0.18	0.0	322.3	-3094.55	407.05	285.95	-1.575e+04	-3.899e+04	3.531e+05
						644.5	-3094.55	-5861.83	285.95	-1.575e+04	5.316e+04	-5.258e+05
142	132	3.540e+05	5.225e+04	-0.10	-1.054e+04	0.0	-3200.67	4638.84	295.52	-1.514e+04	-1.382e+05	-5.641e+05
		-5.641e+05	-1.382e+05	-0.18	0.0	322.3	-3200.67	369.01	295.52	-1.514e+04	-4.298e+04	3.540e+05
						644.5	-3200.67	-5899.86	295.52	-1.514e+04	5.225e+04	-5.372e+05
142	146	3.538e+05	5911.52	-0.09	-1.054e+04	0.0	-2930.87	4695.16	98.30	-7506.53	-5.744e+04	-5.838e+05
		-5.838e+05	-5.744e+04	-0.07	0.0	322.3	-2930.87	425.33	98.30	-7506.53	-2.577e+04	3.525e+05
						644.5	-2930.87	-5843.54	98.30	-7506.53	5911.52	-5.206e+05
142	152	3.548e+05	2196.75	-0.10	-1.054e+04	0.0	-3205.85	4596.98	115.16	-5202.01	-7.203e+04	-5.499e+05
		-5.499e+05	-7.203e+04	-0.05	0.0	322.3	-3205.85	327.15	115.16	-5202.01	-3.491e+04	3.548e+05
						644.5	-3205.85	-5941.73	115.16	-5202.01	2196.75	-5.499e+05
142	157	3.532e+05	-2.200e+04	-0.09	-1.054e+04	0.0	-2874.67	4673.02	1.47	-2578.53	-2.295e+04	-5.764e+05
		-5.764e+05	-2.295e+04	0.01	0.0	322.3	-2874.67	403.19	1.47	-2578.53	-2.247e+04	3.527e+05
						644.5	-2874.67	-5865.69	1.47	-2578.53	-2.200e+04	-5.275e+05
142	160	3.545e+05	2472.62	-0.10	-1.054e+04	0.0	-3212.38	4612.14	110.93	-5606.53	-6.902e+04	-5.550e+05
		-5.550e+05	-6.902e+04	-0.05	0.0	322.3	-3212.38	342.31	110.93	-5606.53	-3.328e+04	3.545e+05
						644.5	-3212.38	-5926.57	110.93	-5606.53	2472.62	-5.453e+05
142	162	3.535e+05	3.892e+04	-0.10	-1.054e+04	0.0	-3083.00	4669.11	233.93	-1.311e+04	-1.119e+05	-5.747e+05
		-5.747e+05	-1.119e+05	-0.15	0.0	322.3	-3083.00	399.28	233.93	-1.311e+04	-3.647e+04	3.532e+05
						644.5	-3083.00	-5869.59	233.93	-1.311e+04	3.892e+04	-5.282e+05
142	164	3.539e+05	3.821e+04	-0.10	-1.054e+04	0.0	-3165.08	4639.69	241.33	-1.264e+04	-1.173e+05	-5.645e+05
		-5.645e+05	-1.173e+05	-0.14	0.0	322.3	-3165.08	369.86	241.33	-1.264e+04	-3.956e+04	3.539e+05
						644.5	-3165.08	-5899.02	241.33	-1.264e+04	3.821e+04	-5.370e+05
143	1	6.926e+04	2.697e+04	2.50e-03	-7745.37	0.0	-741.31	2609.12	-98.31	-7552.03	2.697e+04	-5.952e+04
		-4.318e+05	-1986.59	0.03	0.0	147.3	-741.31	-1263.56	-98.31	-7552.03	1.249e+04	3.958e+04
						294.6	-741.31	-5136.25	-98.31	-7552.03	-1986.59	-4.318e+05
143	4	6.394e+04	2.323e+04	-8.98e-03	-8071.22	0.0	-1034.86	2893.60	-67.40	-8320.44	2.323e+04	-8.854e+04
		-4.250e+05	3371.39	0.03	0.0	147.3	-1034.86	-1142.01	-67.40	-8320.44	1.330e+04	4.046e+04
						294.6	-1034.86	-5177.61	-67.40	-8320.44	3371.39	-4.250e+05
143	5	5.312e+04	2.266e+04	5.42e-03	-5435.29	0.0	-429.43	1760.04	-90.97	-5340.69	2.266e+04	-3.073e+04
		-3.128e+05	-4140.70	0.02	0.0	147.3	-429.43	-957.60	-90.97	-5340.69	9259.30	2.837e+04
						294.6	-429.43	-3675.25	-90.97	-5340.69	-4140.70	-3.128e+05
143	9	7.434e+04	2.619e+04	-2.03e-03	-8397.06	0.0	-785.04	2833.43	-92.56	-7839.29	2.619e+04	-6.572e+04
		-4.679e+05	-1073.22	0.03	0.0	147.3	-785.04	-1365.10	-92.56	-7839.29	1.256e+04	4.242e+04
						294.6	-785.04	-5563.63	-92.56	-7839.29	-1073.22	-4.679e+05
143	116	6.529e+04	3.643e+04	-5.93e-03	-5730.72	0.0	-744.07	1777.31	-258.92	-4448.27	3.643e+04	-1.590e+04
		-3.364e+05	-3.985e+04	0.04	0.0	147.3	-744.07	-1088.05	-258.92	-4448.27	-1708.09	3.486e+04
						294.6	-744.07	-3953.41	-258.92	-4448.27	-3.985e+04	-3.364e+05
143	117	3.940e+04	3.281e+04	7.36e-03	-5730.72	0.0	-378.43	2089.27	93.25	-7307.17	5338.40	-7.271e+04
		-3.013e+05	5338.40	7.23e-03	0.0	147.3	-378.43	-776.09	93.25	-7307.17	1.907e+04	2.401e+04
						294.6	-378.43	-3641.45	93.25	-7307.17	3.281e+04	-3.013e+05
143	119	6.563e+04	3.497e+04	-5.80e-03	-5730.72	0.0	-729.25	1784.95	-125.49	-3059.46	3.497e+04	-1.626e+04
		-3.345e+05	-1999.02	0.04	0.0	147.3	-729.25	-1080.41	-125.49	-3059.46	1.649e+04	3.563e+04
						294.6	-729.25	-3945.77	-125.49	-3059.46	-1999.02	-3.345e+05
143	120	6.520e+04	3.648e+04	-6.12e-03	-5730.72	0.0	-748.28	1778.93	-246.63	-4153.79	3.648e+04	-1.614e+04
		-3.362e+05	-3.618e+04	0.04	0.0	147.3	-748.28	-1086.43	-246.63	-4153.79	150.15	3.486e+04
						294.6	-748.28	-3951.79	-246.63	-4153.79	-3.618e+04	-3.362e+05
143	129	4.783e+04	7.273e+04	3.33e-03	-5730.72	0.0	-493.06	1995.19	199.01	-3562.16	1.411e+04	-5.388e+04
		-3.102e+05	1.411e+04	0.02	0.0	147.3	-493.06	-870.17	199.01	-3562.16	4.342e+04	2.898e+04
						294.6	-493.06	-3735.53	199.01	-3562.16	7.273e+04	-3.102e+05
143	132	5.503e+04	2.771e+04	-1.77e-03	-5730.72	0.0	-633.65	1873.02	-352.38	-7898.81	2.771e+04	-3.497e+04
		-3.273e+05	-7.610e+04	0.02	0.0	147.3	-633.65	-992.34	-352.38	-7898.81	-2.420e+04	2.989e+04
						294.6	-633.65	-3857.70	-352.38	-7898.81	-7.610e+04	-3.273e+05
143	148	6.210e+04	3.292e+04	-4.55e-03	-5730.72	0.0	-703.15	1812.82	-217.66	-4738.61	3.292e+04	-2.236e+04
		-3.324e+05	-3.121e+04	0.03	0.0	147.3	-703.15	-1052.55	-217.66	-4738.61	855.27	3.363e+04
						294.6	-703.15	-3917.91	-217.66	-4738.61	-3.121e+04	-3.324e+05
143	149	4.192e+04	2.500e+04	6.11e-03	-5730.72	0.0	-420.30	2054.13	54.77	-6950.15	8864.03	-6.630e+04
		-3.053e+05	8864.03	0.01	0.0	147.3	-420.30	-811.23	54.77	-6950.15	1.693e+04	2.524e+04
						294.6	-420.30	-3676.59	54.77	-6950.15	2.500e+04	-3.053e+05
143	151	6.237e+04	3.179e+04	-4.45e-03	-5730.72	0.0	-691.69	1818.73	-114.44	-3664.28	3.179e+04	-2.264e+04
		-3.310e+05	-1927.64	0.04	0.0	147.3	-691.69	-1046.64	-114.44	-3664.28	1.493e+04	3.423e+04
						294.6	-691.69	-3912.00	-114.44	-3664.28	-1927.64	-3.310e+05
143	152	6.203e+04	3.295e+04	-4.70e-03	-5730.72	0.0	-706.40	1814.07	-208.15	-4510.82	3.295e+04	-2.255e+04
		-3.323e+05	-2.837e+04	0.03	0.0	147.3	-706.40	-1051.29	-208.15	-4510.82	2292.74	3.363e+04
						294.6	-706.40	-3916.65	-208.15	-4510.82	-2.837e+04	-3.323e+05

143	161	4.844e+04	5.588e+04	3.00e-03	-5730.72	0.0	-508.97	1981.36	136.58	-4053.15	1.565e+04	-5.174e+04	
		-3.122e+05	1.565e+04	0.02	0.0	147.3	-508.97	-884.01	136.58	-4053.15	3.577e+04	2.908e+04	
						294.6	-508.97	-3749.37	136.58	-4053.15	5.588e+04	-3.122e+05	
143	164	5.416e+04	2.617e+04	-1.63e-03	-5730.72	0.0	-617.73	1886.85	-289.96	-7407.82	2.617e+04	-3.711e+04	
		-3.254e+05	-5.925e+04	0.02	0.0	147.3	-617.73	-978.51	-289.96	-7407.82	-1.654e+04	2.979e+04	
						294.6	-617.73	-3843.87	-289.96	-7407.82	-5.925e+04	-3.254e+05	
150	1	6.871e+05	2.376e+04	-0.12	-2.301e+04	0.0	1544.42	1.031e+04	-63.61	-2066.27	2.376e+04	-6.756e+05	
		-1.378e+06	-1.376e+04	6.14e-03	0.0	294.9	1544.42	-1190.71	-63.61	-2066.27	5000.88	6.697e+05	
						589.9	1544.42	-1.269e+04	-63.61	-2066.27	-1.376e+04	-1.378e+06	
150	3	6.789e+05	2.552e+04	-0.12	-2.301e+04	0.0	1611.27	1.027e+04	-74.82	-8281.37	2.552e+04	-6.721e+05	
		-1.401e+06	-1.862e+04	7.02e-03	0.0	294.9	1611.27	-1236.02	-74.82	-8281.37	3446.61	6.599e+05	
						589.9	1611.27	-1.274e+04	-74.82	-8281.37	-1.862e+04	-1.401e+06	
150	4	6.788e+05	2.562e+04	-0.12	-2.301e+04	0.0	1617.22	1.027e+04	-75.37	-8281.98	2.562e+04	-6.725e+05	
		-1.401e+06	-1.884e+04	7.04e-03	0.0	294.9	1617.22	-1234.84	-75.37	-8281.98	3387.63	6.598e+05	
						589.9	1617.22	-1.274e+04	-75.37	-8281.98	-1.884e+04	-1.401e+06	
150	5	5.319e+05	1.745e+04	-0.09	-1.770e+04	0.0	1153.79	7947.85	-43.77	826.57	1.745e+04	-5.202e+05	
		-1.052e+06	-8364.59	4.34e-03	0.0	294.9	1153.79	-900.90	-43.77	826.57	4545.07	5.191e+05	
						589.9	1153.79	-9749.64	-43.77	826.57	-8364.59	-1.052e+06	
150	129	5.004e+05	4.088e+04	-0.09	-1.770e+04	0.0	2216.06	8339.72	-98.22	-2931.52	4.088e+04	-6.545e+05	
		-9.548e+05	-1.706e+04	6.47e-03	0.0	294.9	2216.06	-509.09	-98.22	-2931.52	1.191e+04	5.004e+05	
						589.9	2216.06	-9357.90	-98.22	-2931.52	-1.706e+04	-9.548e+05	
150	132	5.580e+05	-4126.08	-0.10	-1.770e+04	0.0	156.95	7520.99	0.36	-632.53	-4335.89	-3.839e+05	
		-1.167e+06	-4335.89	3.88e-03	0.0	294.9	156.95	-1327.82	0.36	-632.53	-4230.98	5.294e+05	
						589.9	156.95	-1.018e+04	0.36	-632.53	-4126.08	-1.167e+06	
150	135	5.007e+05	4.078e+04	-0.09	-1.770e+04	0.0	2195.35	8324.67	-102.59	-2104.64	4.078e+04	-6.497e+05	
		-9.589e+05	-1.974e+04	-5.14e-03	0.0	294.9	2195.35	-524.14	-102.59	-2104.64	1.052e+04	5.007e+05	
						589.9	2195.35	-9372.95	-102.59	-2104.64	-1.974e+04	-9.589e+05	
150	161	5.054e+05	3.576e+04	-0.09	-1.770e+04	0.0	1982.93	8247.02	-87.06	-2671.23	3.576e+04	-6.238e+05	
		-9.788e+05	-1.559e+04	6.07e-03	0.0	294.9	1982.93	-601.79	-87.06	-2671.23	1.008e+04	5.037e+05	
						589.9	1982.93	-9450.59	-87.06	-2671.23	-1.559e+04	-9.788e+05	
150	164	5.513e+05	783.27	-0.10	-1.770e+04	0.0	390.08	7613.68	-10.80	-892.81	783.27	-4.146e+05	
		-1.143e+06	-5590.29	3.69e-03	0.0	294.9	390.08	-1235.13	-10.80	-892.81	-2403.51	5.261e+05	
						589.9	390.08	-1.008e+04	-10.80	-892.81	-5590.29	-1.143e+06	
150	167	5.061e+05	3.568e+04	-0.09	-1.770e+04	0.0	1966.91	8235.38	-90.44	-2031.59	3.568e+04	-6.201e+05	
		-9.820e+05	-1.767e+04	-4.19e-03	0.0	294.9	1966.91	-613.43	-90.44	-2031.59	9007.99	5.039e+05	
						589.9	1966.91	-9462.24	-90.44	-2031.59	-1.767e+04	-9.820e+05	
151	4	6.474e+05	8141.03	-0.07	-3.072e+04	0.0	1599.41	1.705e+04	43.65	1.086e+05	-9322.50	-1.246e+06	
		-1.246e+06	-9322.50	-4.12e-03	0.0	200.1	1599.41	1691.80	43.65	1.086e+05	-590.73	6.291e+05	
						400.1	1599.41	-1.367e+04	43.65	1.086e+05	8141.03	-5.690e+05	
151	5	3.919e+05	1107.36	-0.04	-1.929e+04	0.0	1122.72	1.085e+04	-4.64	6.256e+04	1107.36	-8.288e+05	
		-8.288e+05	-750.37	3.65e-03	0.0	200.1	1122.72	1203.29	-4.64	6.256e+04	178.50	3.769e+05	
						400.1	1122.72	-8443.45	-4.64	6.256e+04	-750.37	-3.473e+05	
151	113	4.409e+05	2.522e+04	-0.05	-2.087e+04	0.0	1890.54	1.192e+04	-145.32	6.974e+04	2.522e+04	-9.213e+05	
		-9.213e+05	-3.293e+04	0.02	0.0	200.1	1890.54	1487.88	-145.32	6.974e+04	-3855.29	4.200e+05	
						400.1	1890.54	-8945.34	-145.32	6.974e+04	-3.293e+04	-3.260e+05	
151	116	4.199e+05	3.652e+04	-0.05	-2.087e+04	0.0	432.33	1.142e+04	163.79	7.061e+04	-2.901e+04	-8.303e+05	
		-8.303e+05	-2.901e+04	-0.02	0.0	200.1	432.33	990.24	163.79	7.061e+04	3751.60	4.114e+05	
						400.1	432.33	-9442.98	163.79	7.061e+04	3.652e+04	-4.341e+05	
151	129	4.613e+05	8728.66	-0.05	-2.087e+04	0.0	3230.30	1.241e+04	-51.02	7.148e+04	8728.66	-1.011e+06	
		-1.011e+06	-1.168e+04	9.14e-03	0.0	200.1	3230.30	1974.43	-51.02	7.148e+04	-1477.23	4.277e+05	
						400.1	3230.30	-8458.79	-51.02	7.148e+04	-1.168e+04	-2.209e+05	
151	132	4.036e+05	1.527e+04	-0.04	-2.087e+04	0.0	-907.42	1.094e+04	69.49	6.886e+04	-1.253e+04	-7.407e+05	
		-7.407e+05	-1.253e+04	-6.79e-03	0.0	200.1	-907.42	503.69	69.49	6.886e+04	1373.55	4.036e+05	
						400.1	-907.42	-9929.53	69.49	6.886e+04	1.527e+04	-5.392e+05	
151	145	4.385e+05	1.908e+04	-0.05	-2.087e+04	0.0	1725.45	1.186e+04	-110.32	6.984e+04	1.908e+04	-9.110e+05	
		-9.110e+05	-2.506e+04	0.01	0.0	200.1	1725.45	1431.53	-110.32	6.984e+04	-2994.05	4.190e+05	
						400.1	1725.45	-9001.68	-110.32	6.984e+04	-2.506e+04	-3.382e+05	
151	148	4.222e+05	2.866e+04	-0.05	-2.087e+04	0.0	597.43	1.148e+04	128.79	7.051e+04	-2.287e+04	-8.406e+05	
		-8.406e+05	-2.287e+04	-0.01	0.0	200.1	597.43	1046.58	128.79	7.051e+04	2890.36	4.124e+05	
						400.1	597.43	-9386.64	128.79	7.051e+04	2.866e+04	-4.218e+05	
151	161	4.539e+05	6322.05	-0.05	-2.087e+04	0.0	2761.83	1.224e+04	-37.37	7.119e+04	6322.05	-9.802e+05	
		-9.802e+05	-8631.00	7.33e-03	0.0	200.1	2761.83	1807.91	-37.37	7.119e+04	-1154.47	4.250e+05	
						400.1	2761.83	-8625.30	-37.37	7.119e+04	-8631.00	-2.569e+05	
151	164	4.068e+05	1.222e+04	-0.05	-2.087e+04	0.0	-438.95	1.110e+04	55.85	6.916e+04	-1.012e+04	-7.713e+05	
		-7.713e+05	-1.012e+04	-4.98e-03	0.0	200.1	-438.95	670.20	55.85	6.916e+04	1050.78	4.064e+05	
						400.1	-438.95	-9763.02	55.85	6.916e+04	1.222e+04	-5.032e+05	
152	3	6.753e+05	4.758e+04	-0.13	-2.301e+04	0.0	-49.05	1.066e+04	-176.25	-3126.67	4.758e+04	-7.765e+05	
		-1.275e+06	-5.640e+04	0.04	0.0	294.9	-49.05	-845.59	-176.25	-3126.67	-4410.94	6.706e+05	
						589.9	-49.05	-1.235e+04	-176.25	-3126.67	-5.640e+04	-1.275e+06	
152	4	6.753e+05	4.767e+04	-0.13	-2.301e+04	0.0	-51.78	1.066e+04	-177.04	-2996.71	4.767e+04	-7.776e+05	
		-1.274e+06	-5.676e+04	0.04	0.0	294.9	-51.78	-840.71	-177.04	-2996.71	-4543.71	6.708e+05	
						589.9	-51.78	-1.234e+04	-177.04	-2996.71	-5.676e+04	-1.274e+06	
152	7	5.205e+05	3.574e+04	-0.10	-1.770e+04	0.0	-38.01	8191.22	-130.21	-1786.70	3.574e+04	-5.944e+05	
		-9.823e+05	-4.107e+04	0.03	0.0	294.9	-38.01	-657.44	-130.21	-1786.70	-2666.10	5.166e+05	
						589.9	-38.01	-9506.10	-130.21	-1786.70	-4.107e+04	-9.823e+05	
152	9	6.826e+05	4.330e+04	-0.13	-2.301e+04	0.0	-79.78	1.068e+04	-151.58	2372.84	4.330e+04	-7.739e+05	
		-1.262e+06	-4.612e+04	0.03	0.0	294.9	-79.78	-827.14	-151.58	2372.84	-1408.63	6.786e+05	

						589.9	-79.78	-1.233e+04	-151.58	2372.84	-4.612e+04	-1.262e+06
152	125	5.184e+05	4.010e+04	-0.10	-1.770e+04	0.0	-135.14	8311.05	-160.70	-4004.96	4.010e+04	-6.280e+05
		-9.452e+05	-5.470e+04	0.02	0.0	294.9	-135.14	-537.65	-160.70	-4004.96	-7301.39	5.184e+05
						589.9	-135.14	-9386.35	-160.70	-4004.96	-5.470e+04	-9.452e+05
152	132	5.519e+05	1.006e+04	-0.11	-1.770e+04	0.0	211.41	7774.76	-66.20	4184.49	1.006e+04	-4.555e+05
		-1.089e+06	-2.899e+04	0.03	0.0	294.9	211.41	-1073.94	-66.20	4184.49	-9461.78	5.327e+05
						589.9	211.41	-9922.64	-66.20	4184.49	-2.899e+04	-1.089e+06
152	133	5.097e+05	5.574e+04	-0.09	-1.770e+04	0.0	-320.98	8625.61	-164.21	-1511.80	5.574e+04	-7.295e+05
		-8.611e+05	-4.113e+04	0.02	0.0	294.9	-320.98	-223.09	-164.21	-1511.80	7301.85	5.097e+05
						589.9	-320.98	-9071.79	-164.21	-1511.80	-4.113e+04	-8.611e+05
152	136	5.518e+05	1.072e+04	-0.11	-1.770e+04	0.0	211.44	7776.46	-67.13	4255.80	1.072e+04	-4.560e+05
		-1.089e+06	-2.888e+04	0.03	0.0	294.9	211.44	-1072.24	-67.13	4255.80	-9079.74	5.327e+05
						589.9	211.44	-9920.94	-67.13	4255.80	-2.888e+04	-1.089e+06
152	137	5.132e+05	5.888e+04	-0.10	-1.770e+04	0.0	-218.97	8495.55	-178.48	-1222.04	5.888e+04	-6.876e+05
		-8.960e+05	-4.640e+04	0.02	0.0	294.9	-218.97	-353.15	-178.48	-1222.04	6237.06	5.132e+05
						589.9	-218.97	-9201.85	-178.48	-1222.04	-4.640e+04	-8.960e+05
152	157	5.194e+05	3.854e+04	-0.10	-1.770e+04	0.0	-116.94	8286.14	-150.50	-2787.42	3.854e+04	-6.200e+05
		-9.519e+05	-5.024e+04	0.02	0.0	294.9	-116.94	-562.56	-150.50	-2787.42	-5849.37	5.190e+05
						589.9	-116.94	-9411.26	-150.50	-2787.42	-5.024e+04	-9.519e+05
152	164	5.457e+05	1.531e+04	-0.10	-1.770e+04	0.0	151.14	7871.28	-77.40	3547.64	1.531e+04	-4.866e+05
		-1.063e+06	-3.035e+04	0.03	0.0	294.9	151.14	-977.42	-77.40	3547.64	-7520.58	5.301e+05
						589.9	151.14	-9826.12	-77.40	3547.64	-3.035e+04	-1.063e+06
152	165	5.123e+05	5.064e+04	-0.10	-1.770e+04	0.0	-260.70	8529.47	-153.22	-858.81	5.064e+04	-6.985e+05
		-8.868e+05	-3.974e+04	0.02	0.0	294.9	-260.70	-319.23	-153.22	-858.81	5447.15	5.123e+05
						589.9	-260.70	-9167.93	-153.22	-858.81	-3.974e+04	-8.868e+05
152	168	5.457e+05	1.582e+04	-0.10	-1.770e+04	0.0	151.16	7872.60	-78.12	3602.80	1.582e+04	-4.870e+05
		-1.063e+06	-3.027e+04	0.03	0.0	294.9	151.16	-976.10	-78.12	3602.80	-7225.04	5.301e+05
						589.9	151.16	-9824.80	-78.12	3602.80	-3.027e+04	-1.063e+06
152	169	5.150e+05	5.307e+04	-0.10	-1.770e+04	0.0	-181.79	8428.86	-164.26	-634.65	5.307e+04	-6.661e+05
		-9.138e+05	-4.382e+04	0.02	0.0	294.9	-181.79	-419.84	-164.26	-634.65	4623.47	5.150e+05
						589.9	-181.79	-9268.54	-164.26	-634.65	-4.382e+04	-9.138e+05
153	3	4.379e+05	8964.67	-0.04	-3.137e+04	0.0	-226.36	1.514e+04	85.28	6.708e+04	-2.516e+04	-1.022e+06
		-1.240e+06	-2.516e+04	-0.01	0.0	200.1	-226.36	-543.28	85.28	6.708e+04	-8096.42	4.379e+05
						400.1	-226.36	-1.623e+04	85.28	6.708e+04	8964.67	-1.240e+06
153	4	4.374e+05	8983.24	-0.04	-3.137e+04	0.0	-197.34	1.514e+04	85.73	6.677e+04	-2.532e+04	-1.023e+06
		-1.240e+06	-2.532e+04	-0.02	0.0	200.1	-197.34	-540.65	85.73	6.677e+04	-8166.70	4.374e+05
						400.1	-197.34	-1.623e+04	85.73	6.677e+04	8983.24	-1.240e+06
153	12	2.566e+05	-442.32	-0.02	-1.979e+04	0.0	-150.57	9664.02	19.34	2.938e+04	-8181.67	-6.868e+05
		-7.797e+05	-8181.67	-2.77e-03	0.0	200.1	-150.57	-232.33	19.34	2.938e+04	-4311.99	2.566e+05
						400.1	-150.57	-1.013e+04	19.34	2.938e+04	-442.32	-7.797e+05
153	126	2.862e+05	-1589.58	-0.02	-2.137e+04	0.0	-191.51	1.028e+04	105.14	8324.15	-4.366e+04	-7.014e+05
		-8.632e+05	-4.366e+04	-0.05	0.0	200.1	-191.51	-404.29	105.14	8324.15	-2.262e+04	2.862e+05
						400.1	-191.51	-1.109e+04	105.14	8324.15	-1589.58	-8.632e+05
153	127	2.862e+05	1.950e+04	-0.02	-2.137e+04	0.0	-181.35	1.048e+04	-33.82	6.714e+04	1.950e+04	-7.424e+05
		-8.224e+05	5974.62	0.04	0.0	200.1	-181.35	-199.92	-33.82	6.714e+04	1.274e+04	2.862e+05
						400.1	-181.35	-1.088e+04	-33.82	6.714e+04	5974.62	-8.224e+05
153	132	2.938e+05	4927.83	-0.02	-2.137e+04	0.0	260.76	9729.47	30.25	4.527e+04	-7173.61	-5.911e+05
		-9.726e+05	-7173.61	-4.35e-03	0.0	200.1	260.76	-953.34	30.25	4.527e+04	-1122.89	2.867e+05
						400.1	260.76	-1.164e+04	30.25	4.527e+04	4927.83	-9.726e+05
153	133	2.857e+05	-965.19	-0.02	-2.137e+04	0.0	-640.34	1.103e+04	47.17	2.958e+04	-1.984e+04	-8.525e+05
		-8.525e+05	-1.984e+04	-0.01	0.0	200.1	-640.34	347.89	47.17	2.958e+04	-1.040e+04	2.857e+05
						400.1	-640.34	-1.033e+04	47.17	2.958e+04	-965.19	-7.133e+05
153	136	2.938e+05	5350.24	-0.02	-2.137e+04	0.0	267.48	9730.71	24.16	4.588e+04	-4314.66	-5.914e+05
		-9.723e+05	-4314.66	-4.28e-04	0.0	200.1	267.48	-952.10	24.16	4.588e+04	517.79	2.867e+05
						400.1	267.48	-1.163e+04	24.16	4.588e+04	5350.24	-9.723e+05
153	158	2.862e+05	-733.17	-0.02	-2.137e+04	0.0	-190.36	1.030e+04	89.41	1.498e+04	-3.651e+04	-7.061e+05
		-8.586e+05	-3.651e+04	-0.04	0.0	200.1	-190.36	-381.15	89.41	1.498e+04	-1.862e+04	2.862e+05
						400.1	-190.36	-1.106e+04	89.41	1.498e+04	-733.17	-8.586e+05
153	159	2.862e+05	1.235e+04	-0.02	-2.137e+04	0.0	-182.50	1.046e+04	-18.08	6.048e+04	1.235e+04	-7.378e+05
		-8.270e+05	5118.21	0.03	0.0	200.1	-182.50	-223.06	-18.08	6.048e+04	8735.76	2.862e+05
						400.1	-182.50	-1.091e+04	-18.08	6.048e+04	5118.21	-8.270e+05
153	164	2.900e+05	4308.46	-0.02	-2.137e+04	0.0	159.50	9876.93	31.47	4.356e+04	-8283.87	-6.208e+05
		-9.432e+05	-8283.87	-4.64e-03	0.0	200.1	159.50	-805.87	31.47	4.356e+04	-1987.71	2.866e+05
						400.1	159.50	-1.149e+04	31.47	4.356e+04	4308.46	-9.432e+05
153	165	2.858e+05	-250.17	-0.02	-2.137e+04	0.0	-537.56	1.088e+04	44.57	3.143e+04	-1.808e+04	-8.229e+05
		-8.229e+05	-1.808e+04	-9.79e-03	0.0	200.1	-537.56	200.70	44.57	3.143e+04	-9165.74	2.858e+05
						400.1	-537.56	-1.048e+04	44.57	3.143e+04	-250.17	-7.426e+05
153	168	2.900e+05	4635.21	-0.02	-2.137e+04	0.0	164.70	9877.89	26.76	4.403e+04	-6072.29	-6.209e+05
		-9.430e+05	-6072.29	-1.48e-03	0.0	200.1	164.70	-804.91	26.76	4.403e+04	-718.54	2.866e+05
						400.1	164.70	-1.149e+04	26.76	4.403e+04	4635.21	-9.430e+05
154	3	8.918e+04	5.338e+04	-0.02	-3834.35	0.0	-1665.05	1658.34	-209.96	-2.138e+04	5.338e+04	-1.223e+05
		-2.750e+05	-7.047e+04	0.05	0.0	294.9	-1665.05	-258.84	-209.96	-2.138e+04	-8545.82	8.405e+04
						589.9	-1665.05	-2176.01	-209.96	-2.138e+04	-7.047e+04	-2.750e+05
154	4	8.794e+04	5.351e+04	-0.02	-3834.35	0.0	-1665.47	1652.26	-211.23	-2.247e+04	5.351e+04	-1.220e+05
		-2.783e+05	-7.110e+04	0.05	0.0	294.9	-1665.47	-264.91	-211.23	-2.247e+04	-8796.85	8.259e+04
						589.9	-1665.47	-2182.09	-211.23	-2.247e+04	-7.110e+04	-2.783e+05
154	5	6.938e+04	3.384e+04	-8.19e-03	-2949.50	0.0	-1243.79	1238.25	-121.96	-1.512e+04	3.384e+04	-8.368e+04

		-2.232e+05	-3.810e+04	0.03	0.0	294.9	-1243.79	-236.50	-121.96	-1.512e+04	-2131.80	6.406e+04
						589.9	-1243.79	-1711.25	-121.96	-1.512e+04	-3.810e+04	-2.232e+05
154	9	8.565e+04	4.756e+04	-0.01	-3834.35	0.0	-1635.27	1605.89	-180.11	-2.392e+04	4.756e+04	-1.123e+05
		-2.960e+05	-5.868e+04	0.04	0.0	294.9	-1635.27	-311.28	-180.11	-2.392e+04	-5560.94	7.859e+04
						589.9	-1635.27	-2228.46	-180.11	-2.392e+04	-5.868e+04	-2.960e+05
154	125	6.669e+04	4.627e+04	-9.60e-03	-2949.50	0.0	-1179.74	1282.40	-212.60	-1.890e+04	4.627e+04	-9.776e+04
		-2.112e+05	-7.915e+04	0.02	0.0	294.9	-1179.74	-192.35	-212.60	-1.890e+04	-1.644e+04	6.300e+04
						589.9	-1179.74	-1667.10	-212.60	-1.890e+04	-7.915e+04	-2.112e+05
154	130	7.848e+04	-120.39	-0.01	-2949.50	0.0	-1669.67	1140.23	-83.35	-1.537e+04	-120.39	-5.142e+04
		-2.488e+05	-4.929e+04	0.04	0.0	294.9	-1669.67	-334.52	-83.35	-1.537e+04	-2.470e+04	6.740e+04
						589.9	-1669.67	-1809.27	-83.35	-1.537e+04	-4.929e+04	-2.488e+05
154	131	6.104e+04	7.312e+04	-7.09e-03	-2949.50	0.0	-845.38	1359.63	-190.07	-1.653e+04	7.312e+04	-1.233e+05
		-1.912e+05	-3.900e+04	0.03	0.0	294.9	-845.38	-115.12	-190.07	-1.653e+04	1.706e+04	6.020e+04
						589.9	-845.38	-1589.87	-190.07	-1.653e+04	-3.900e+04	-1.912e+05
154	132	7.898e+04	-364.79	-0.01	-2949.50	0.0	-1657.46	1133.15	-51.73	-1.392e+04	-364.79	-4.934e+04
		-2.509e+05	-3.088e+04	0.04	0.0	294.9	-1657.46	-341.60	-51.73	-1.392e+04	-1.562e+04	6.739e+04
						589.9	-1657.46	-1816.35	-51.73	-1.392e+04	-3.088e+04	-2.509e+05
154	135	6.103e+04	7.359e+04	-7.22e-03	-2949.50	0.0	-847.01	1360.48	-190.10	-1.647e+04	7.359e+04	-1.236e+05
		-1.910e+05	-3.855e+04	0.03	0.0	294.9	-847.01	-114.27	-190.10	-1.647e+04	1.752e+04	6.022e+04
						589.9	-847.01	-1589.02	-190.10	-1.647e+04	-3.855e+04	-1.910e+05
154	157	6.714e+04	4.405e+04	-9.63e-03	-2949.50	0.0	-1197.35	1275.05	-195.42	-1.823e+04	4.405e+04	-9.541e+04
		-2.132e+05	-7.122e+04	0.02	0.0	294.9	-1197.35	-199.70	-195.42	-1.823e+04	-1.358e+04	6.318e+04
						589.9	-1197.35	-1674.45	-195.42	-1.823e+04	-7.122e+04	-2.132e+05
154	162	7.583e+04	8171.34	-0.01	-2949.50	0.0	-1576.34	1165.07	-95.43	-1.550e+04	8171.34	-5.956e+04
		-2.422e+05	-4.812e+04	0.04	0.0	294.9	-1576.34	-309.68	-95.43	-1.550e+04	-1.998e+04	6.659e+04
						589.9	-1576.34	-1784.43	-95.43	-1.550e+04	-4.812e+04	-2.422e+05
154	163	6.277e+04	6.482e+04	-7.69e-03	-2949.50	0.0	-938.70	1334.79	-177.98	-1.640e+04	6.482e+04	-1.152e+05
		-1.978e+05	-4.017e+04	0.03	0.0	294.9	-938.70	-139.96	-177.98	-1.640e+04	1.233e+04	6.101e+04
						589.9	-938.70	-1614.71	-177.98	-1.640e+04	-4.017e+04	-1.978e+05
154	164	7.622e+04	7982.28	-0.01	-2949.50	0.0	-1566.90	1159.59	-70.97	-1.438e+04	7982.28	-5.796e+04
		-2.439e+05	-3.389e+04	0.04	0.0	294.9	-1566.90	-315.16	-70.97	-1.438e+04	-1.295e+04	6.658e+04
						589.9	-1566.90	-1789.91	-70.97	-1.438e+04	-3.389e+04	-2.439e+05
154	167	6.277e+04	6.519e+04	-7.78e-03	-2949.50	0.0	-939.97	1335.45	-178.01	-1.635e+04	6.519e+04	-1.154e+05
		-1.975e+05	-3.982e+04	0.03	0.0	294.9	-939.97	-139.30	-178.01	-1.635e+04	1.269e+04	6.103e+04
						589.9	-939.97	-1614.05	-178.01	-1.635e+04	-3.982e+04	-1.975e+05
155	4	1.848e+05	1.460e+04	-0.02	-1.144e+04	0.0	-820.24	4791.04	93.44	5.547e+04	-2.278e+04	-2.156e+05
		-5.883e+05	-2.278e+04	-0.02	0.0	200.1	-820.24	-931.43	93.44	5.547e+04	-4091.62	1.705e+05
						400.1	-820.24	-6653.90	93.44	5.547e+04	1.460e+04	-5.883e+05
155	5	1.243e+05	5752.11	-0.01	-7692.80	0.0	-348.53	3208.54	34.89	3.262e+04	-8206.04	-1.427e+05
		-3.979e+05	-8206.04	-4.94e-03	0.0	200.1	-348.53	-637.86	34.89	3.262e+04	-1226.97	1.144e+05
						400.1	-348.53	-4484.27	34.89	3.262e+04	5752.11	-3.979e+05
155	9	2.000e+05	1.151e+04	-0.02	-1.191e+04	0.0	-671.03	5019.43	68.37	5.445e+04	-1.584e+04	-2.225e+05
		-5.974e+05	-1.584e+04	-0.01	0.0	200.1	-671.03	-937.10	68.37	5.445e+04	-2163.66	1.859e+05
						400.1	-671.03	-6893.63	68.37	5.445e+04	1.151e+04	-5.974e+05
155	11	1.964e+05	1.405e+04	-0.02	-1.191e+04	0.0	-796.87	5006.51	87.49	5.692e+04	-2.095e+04	-2.238e+05
		-6.039e+05	-2.095e+04	-0.02	0.0	200.1	-796.87	-950.02	87.49	5.692e+04	-3448.01	1.819e+05
						400.1	-796.87	-6906.55	87.49	5.692e+04	1.405e+04	-6.039e+05
155	126	1.319e+05	4.254e+04	-0.01	-8117.23	0.0	-636.35	3362.97	322.11	1.345e+04	-8.634e+04	-1.459e+05
		-4.243e+05	-8.634e+04	-0.09	0.0	200.1	-636.35	-695.65	322.11	1.345e+04	-2.190e+04	1.209e+05
						400.1	-636.35	-4754.26	322.11	1.345e+04	4.254e+04	-4.243e+05
155	127	1.307e+05	6.313e+04	-0.01	-8117.23	0.0	-268.98	3419.31	-225.31	5.930e+04	6.313e+04	-1.571e+05
		-4.128e+05	-2.702e+04	0.07	0.0	200.1	-268.98	-639.30	-225.31	5.930e+04	1.806e+04	1.210e+05
						400.1	-268.98	-4697.92	-225.31	5.930e+04	-2.702e+04	-4.128e+05
155	132	1.373e+05	5635.40	-0.01	-8117.23	0.0	-788.13	3221.95	-19.27	4.273e+04	5635.40	-1.177e+05
		-4.525e+05	-2075.63	1.45e-03	0.0	200.1	-788.13	-836.67	-19.27	4.273e+04	1779.88	1.209e+05
						400.1	-788.13	-4895.28	-19.27	4.273e+04	-2075.63	-4.525e+05
155	134	1.371e+05	1.937e+04	-0.01	-8117.23	0.0	-841.62	3225.86	134.29	2.930e+04	-3.436e+04	-1.185e+05
		-4.517e+05	-3.436e+04	-0.04	0.0	200.1	-841.62	-832.76	134.29	2.930e+04	-7493.21	1.209e+05
						400.1	-841.62	-4891.37	134.29	2.930e+04	1.937e+04	-4.517e+05
155	135	1.272e+05	1.115e+04	-0.01	-8117.23	0.0	-63.71	3556.42	-37.49	4.346e+04	1.115e+04	-1.845e+05
		-3.854e+05	-3851.34	0.02	0.0	200.1	-63.71	-502.19	-37.49	4.346e+04	3648.88	1.210e+05
						400.1	-63.71	-4560.81	-37.49	4.346e+04	-3851.34	-3.854e+05
155	136	1.374e+05	9373.58	-0.01	-8117.23	0.0	-782.26	3222.16	-27.48	4.298e+04	9373.58	-1.177e+05
		-4.524e+05	-1622.60	6.43e-03	0.0	200.1	-782.26	-836.45	-27.48	4.298e+04	3875.49	1.209e+05
						400.1	-782.26	-4895.07	-27.48	4.298e+04	-1622.60	-4.524e+05
155	158	1.318e+05	3.466e+04	-0.01	-8117.23	0.0	-594.76	3369.35	260.13	1.864e+04	-6.942e+04	-1.472e+05
		-4.230e+05	-6.942e+04	-0.07	0.0	200.1	-594.76	-689.27	260.13	1.864e+04	-1.738e+04	1.209e+05
						400.1	-594.76	-4747.88	260.13	1.864e+04	3.466e+04	-4.230e+05
155	159	1.308e+05	4.621e+04	-0.01	-8117.23	0.0	-310.57	3412.93	-163.33	5.411e+04	4.621e+04	-1.558e+05
		-4.141e+05	-1.914e+04	0.05	0.0	200.1	-310.57	-645.68	-163.33	5.411e+04	1.353e+04	1.210e+05
						400.1	-310.57	-4704.30	-163.33	5.411e+04	-1.914e+04	-4.141e+05
155	164	1.354e+05	1731.64	-0.01	-8117.23	0.0	-712.17	3260.26	-3.95	4.129e+04	1731.64	-1.254e+05
		-4.448e+05	151.57	-6.86e-04	0.0	200.1	-712.17	-798.36	-3.95	4.129e+04	941.60	1.209e+05
						400.1	-712.17	-4856.97	-3.95	4.129e+04	151.57	-4.448e+05
155	166	1.353e+05	1.674e+04	-0.01	-8117.23	0.0	-753.55	3263.28	114.84	3.090e+04	-2.921e+04	-1.260e+05
		-4.442e+05	-2.921e+04	-0.03	0.0	200.1	-753.55	-795.33	114.84	3.090e+04	-6231.72	1.209e+05
						400.1	-753.55	-4853.95	114.84	3.090e+04	1.674e+04	-4.442e+05

155	167	1.281e+05	5996.83	-0.01	-8117.23	0.0	-151.79	3518.99	-18.04	4.185e+04	5996.83	-1.770e+05
		-3.929e+05	-1222.06	0.02	0.0	200.1	-151.79	-539.62	-18.04	4.185e+04	2387.39	1.210e+05
						400.1	-151.79	-4598.23	-18.04	4.185e+04	-1222.06	-3.929e+05
155	168	1.355e+05	4623.35	-0.01	-8117.23	0.0	-707.63	3260.43	-10.30	4.149e+04	4623.35	-1.254e+05
		-4.447e+05	502.02	3.17e-03	0.0	200.1	-707.63	-798.19	-10.30	4.149e+04	2562.69	1.209e+05
						400.1	-707.63	-4856.80	-10.30	4.149e+04	502.02	-4.447e+05
156	4	5.634e+05	1.349e+04	-0.15	-3.179e+04	0.0	1706.15	1.747e+04	26.56	1499.26	2721.79	-1.382e+06
		-1.382e+06	2721.79	-0.01	0.0	202.8	1706.15	1573.15	26.56	1499.26	8107.34	5.487e+05
						405.5	1706.15	-1.432e+04	26.56	1499.26	1.349e+04	-7.438e+05
156	5	3.554e+05	6386.28	-0.10	-2.006e+04	0.0	987.26	1.099e+04	25.07	784.67	-3781.36	-8.634e+05
		-8.634e+05	-3781.36	-5.33e-03	0.0	202.8	987.26	955.28	25.07	784.67	1302.46	3.471e+05
						405.5	987.26	-9074.63	25.07	784.67	6386.28	-4.760e+05
156	12	3.561e+05	7084.05	-0.10	-2.006e+04	0.0	1055.51	1.101e+04	27.01	639.08	-3868.21	-8.676e+05
		-8.676e+05	-3868.21	-5.84e-03	0.0	202.8	1055.51	976.90	27.01	639.08	1607.92	3.472e+05
						405.5	1055.51	-9053.01	27.01	639.08	7084.05	-4.715e+05
156	126	3.829e+05	6.424e+04	-0.10	-2.165e+04	0.0	1129.29	1.181e+04	183.95	1195.53	-1.035e+04	-9.213e+05
		-9.213e+05	-1.035e+04	-0.05	0.0	202.8	1129.29	981.20	183.95	1195.53	2.694e+04	3.752e+05
						405.5	1129.29	-9845.79	183.95	1195.53	6.424e+04	-5.235e+05
156	127	3.845e+05	7031.32	-0.10	-2.165e+04	0.0	1084.60	1.194e+04	-137.05	632.58	7031.32	-9.502e+05
		-9.502e+05	-4.854e+04	0.04	0.0	202.8	1084.60	1114.89	-137.05	632.58	-2.076e+04	3.734e+05
						405.5	1084.60	-9712.10	-137.05	632.58	-4.854e+04	-4.981e+05
156	129	3.902e+05	2.190e+04	-0.10	-2.165e+04	0.0	433.65	1.238e+04	65.66	3939.99	-4723.29	-1.044e+06
		-1.044e+06	-4723.29	-8.89e-03	0.0	202.8	433.65	1550.59	65.66	3939.99	8588.58	3.681e+05
						405.5	433.65	-9276.40	65.66	3939.99	2.190e+04	-4.151e+05
156	133	3.902e+05	2.441e+04	-0.10	-2.165e+04	0.0	428.58	1.238e+04	74.30	2995.30	-5722.26	-1.044e+06
		-1.044e+06	-5722.26	-0.01	0.0	202.8	428.58	1549.96	74.30	2995.30	9342.75	3.681e+05
						405.5	428.58	-9277.03	74.30	2995.30	2.441e+04	-4.153e+05
156	136	3.805e+05	2400.46	-0.11	-2.165e+04	0.0	1785.31	1.137e+04	-27.40	-1167.19	2400.46	-8.278e+05
		-8.278e+05	-8712.22	1.18e-03	0.0	202.8	1785.31	546.13	-27.40	-1167.19	-3155.88	3.805e+05
						405.5	1785.31	-1.028e+04	-27.40	-1167.19	-8712.22	-6.064e+05
156	158	3.831e+05	5.147e+04	-0.10	-2.165e+04	0.0	1124.23	1.182e+04	147.60	1131.80	-8384.88	-9.246e+05
		-9.246e+05	-8384.88	-0.04	0.0	202.8	1124.23	996.34	147.60	1131.80	2.154e+04	3.750e+05
						405.5	1124.23	-9830.65	147.60	1131.80	5.147e+04	-5.206e+05
156	159	3.843e+05	5063.08	-0.10	-2.165e+04	0.0	1089.66	1.193e+04	-100.71	696.31	5063.08	-9.470e+05
		-9.470e+05	-3.577e+04	0.03	0.0	202.8	1089.66	1099.75	-100.71	696.31	-1.535e+04	3.736e+05
						405.5	1089.66	-9727.24	-100.71	696.31	-3.577e+04	-5.010e+05
156	161	3.887e+05	1.872e+04	-0.10	-2.165e+04	0.0	586.11	1.226e+04	56.10	3254.81	-4029.85	-1.019e+06
		-1.019e+06	-4029.85	-8.34e-03	0.0	202.8	586.11	1436.79	56.10	3254.81	7344.28	3.695e+05
						405.5	586.11	-9390.20	56.10	3254.81	1.872e+04	-4.368e+05
156	165	3.887e+05	2.066e+04	-0.10	-2.165e+04	0.0	582.18	1.226e+04	62.79	2524.03	-4802.62	-1.019e+06
		-1.019e+06	-4802.62	-0.01	0.0	202.8	582.18	1436.31	62.79	2524.03	7927.67	3.695e+05
						405.5	582.18	-9390.68	62.79	2524.03	2.066e+04	-4.369e+05
156	168	3.791e+05	1480.82	-0.10	-2.165e+04	0.0	1631.70	1.149e+04	-15.89	-695.92	1480.82	-8.523e+05
		-8.523e+05	-4962.43	-1.06e-03	0.0	202.8	1631.70	659.78	-15.89	-695.92	-1740.81	3.791e+05
						405.5	1631.70	-1.017e+04	-15.89	-695.92	-4962.43	-5.847e+05
157	3	5.685e+05	7888.28	-0.07	-3.183e+04	0.0	3033.57	1.567e+04	-46.34	-9892.45	7888.28	-9.971e+05
		-1.097e+06	-1.092e+04	-5.23e-04	0.0	203.0	3033.57	-246.13	-46.34	-9892.45	-1518.09	5.685e+05
						406.0	3033.57	-1.616e+04	-46.34	-9892.45	-1.092e+04	-1.097e+06
157	4	5.692e+05	8055.12	-0.07	-3.183e+04	0.0	3079.56	1.567e+04	-46.67	-9818.04	8055.12	-9.969e+05
		-1.096e+06	-1.089e+04	-4.53e-04	0.0	203.0	3079.56	-243.60	-46.67	-9818.04	-1418.31	5.692e+05
						406.0	3079.56	-1.616e+04	-46.67	-9818.04	-1.089e+04	-1.096e+06
157	5	3.558e+05	2675.63	-0.05	-2.008e+04	0.0	1855.51	9887.37	-26.19	-7770.60	2675.63	-6.321e+05
		-6.950e+05	-7956.50	-3.23e-03	0.0	203.0	1855.51	-154.94	-26.19	-7770.60	-2640.44	3.558e+05
						406.0	1855.51	-1.020e+04	-26.19	-7770.60	-7956.50	-6.950e+05
157	126	3.863e+05	5.627e+04	-0.05	-2.168e+04	0.0	1988.35	1.061e+04	-64.96	6410.27	5.627e+04	-6.669e+05
		-7.611e+05	2.990e+04	0.03	0.0	203.0	1988.35	-231.98	-64.96	6410.27	4.308e+04	3.863e+05
						406.0	1988.35	-1.107e+04	-64.96	6410.27	2.990e+04	-7.611e+05
157	127	3.848e+05	-4.611e+04	-0.05	-2.168e+04	0.0	2099.36	1.074e+04	5.53	-2.179e+04	-4.836e+04	-6.949e+05
		-7.360e+05	-4.836e+04	-0.04	0.0	203.0	2099.36	-101.33	5.53	-2.179e+04	-4.723e+04	3.848e+05
						406.0	2099.36	-1.094e+04	5.53	-2.179e+04	-4.611e+04	-7.360e+05
157	132	3.863e+05	-9024.04	-0.05	-2.168e+04	0.0	2228.17	1.023e+04	-13.82	-1.337e+04	-9024.04	-5.908e+05
		-8.373e+05	-1.464e+04	-0.02	0.0	203.0	2228.17	-607.02	-13.82	-1.337e+04	-1.183e+04	3.863e+05
						406.0	2228.17	-1.145e+04	-13.82	-1.337e+04	-1.464e+04	-8.373e+05
157	133	3.849e+05	1.911e+04	-0.05	-2.168e+04	0.0	1854.93	1.111e+04	-42.51	-2246.34	1.911e+04	-7.709e+05
		-7.709e+05	1853.87	0.01	0.0	203.0	1854.93	273.08	-42.51	-2246.34	1.048e+04	3.849e+05
						406.0	1854.93	-1.057e+04	-42.51	-2246.34	1853.87	-6.600e+05
157	134	3.866e+05	2.004e+04	-0.05	-2.168e+04	0.0	2178.97	1.025e+04	-39.55	-4432.85	2.004e+04	-5.934e+05
		-8.340e+05	3979.49	4.49e-03	0.0	203.0	2178.97	-592.56	-39.55	-4432.85	1.201e+04	3.866e+05
						406.0	2178.97	-1.143e+04	-39.55	-4432.85	3979.49	-8.340e+05
157	136	3.862e+05	-1.120e+04	-0.05	-2.168e+04	0.0	2232.78	1.023e+04	-16.91	-1.313e+04	-1.120e+04	-5.910e+05
		-8.372e+05	-1.807e+04	-0.02	0.0	203.0	2232.78	-606.39	-16.91	-1.313e+04	-1.463e+04	3.862e+05
						406.0	2232.78	-1.145e+04	-16.91	-1.313e+04	-1.807e+04	-8.372e+05
157	158	3.861e+05	4.442e+04	-0.05	-2.168e+04	0.0	2000.92	1.062e+04	-56.98	3217.54	4.442e+04	-6.701e+05
		-7.583e+05	2.129e+04	0.02	0.0	203.0	2000.92	-217.19	-56.98	3217.54	3.286e+04	3.861e+05
						406.0	2000.92	-1.106e+04	-56.98	3217.54	2.129e+04	-7.583e+05
157	159	3.850e+05	-3.651e+04	-0.05	-2.168e+04	0.0	2086.79	1.072e+04	-2.45	-1.860e+04	-3.651e+04	-6.917e+05
		-7.389e+05	-3.750e+04	-0.03	0.0	203.0	2086.79	-116.12	-2.45	-1.860e+04	-3.701e+04	3.850e+05

						406.0	2086.79	-1.096e+04	-2.45	-1.860e+04	-3.750e+04	-7.389e+05
157	164	3.861e+05	-6084.66	-0.05	-2.168e+04	0.0	2186.44	1.033e+04	-17.42	-1.208e+04	-6084.66	-6.112e+05
		-8.172e+05	-1.316e+04	-0.01	0.0	203.0	2186.44	-507.31	-17.42	-1.208e+04	-9621.05	3.861e+05
						406.0	2186.44	-1.135e+04	-17.42	-1.208e+04	-1.316e+04	-8.172e+05
157	165	3.850e+05	1.568e+04	-0.05	-2.168e+04	0.0	1897.71	1.101e+04	-39.61	-3478.90	1.568e+04	-7.505e+05
		-7.505e+05	-401.42	9.24e-03	0.0	203.0	1897.71	173.51	-39.61	-3478.90	7640.36	3.850e+05
						406.0	1897.71	-1.067e+04	-39.61	-3478.90	-401.42	-6.801e+05
157	166	3.863e+05	1.640e+04	-0.05	-2.168e+04	0.0	2148.37	1.034e+04	-37.33	-5170.30	1.640e+04	-6.133e+05
		-8.147e+05	1242.88	2.97e-03	0.0	203.0	2148.37	-496.12	-37.33	-5170.30	8820.03	3.863e+05
						406.0	2148.37	-1.134e+04	-37.33	-5170.30	1242.88	-8.147e+05
157	168	3.861e+05	-7768.17	-0.05	-2.168e+04	0.0	2190.00	1.033e+04	-19.81	-1.190e+04	-7768.17	-6.113e+05
		-8.171e+05	-1.581e+04	-0.01	0.0	203.0	2190.00	-506.82	-19.81	-1.190e+04	-1.179e+04	3.861e+05
						406.0	2190.00	-1.135e+04	-19.81	-1.190e+04	-1.581e+04	-8.171e+05
158	3	6.917e+05	-8681.83	-0.06	-3.188e+04	0.0	3024.09	1.673e+04	-20.29	-8.356e+04	-8681.83	-1.090e+06
		-1.090e+06	-1.693e+04	-0.02	0.0	203.3	3024.09	793.86	-20.29	-8.356e+04	-1.281e+04	6.917e+05
						406.6	3024.09	-1.515e+04	-20.29	-8.356e+04	-1.693e+04	-7.672e+05
158	4	6.912e+05	-8682.16	-0.06	-3.188e+04	0.0	3071.30	1.672e+04	-20.75	-8.361e+04	-8682.16	-1.087e+06
		-1.087e+06	-1.712e+04	-0.02	0.0	203.3	3071.30	776.62	-20.75	-8.361e+04	-1.290e+04	6.912e+05
						406.6	3071.30	-1.516e+04	-20.75	-8.361e+04	-1.712e+04	-7.712e+05
158	5	4.362e+05	-7200.17	-0.04	-2.011e+04	0.0	1953.80	1.067e+04	1.18	-6.317e+04	-7679.65	-7.100e+05
		-7.100e+05	-7679.65	-0.01	0.0	203.3	1953.80	609.81	1.18	-6.317e+04	-7439.91	4.362e+05
						406.6	1953.80	-9447.35	1.18	-6.317e+04	-7200.17	-4.621e+05
158	7	5.196e+05	-6818.24	-0.05	-2.392e+04	0.0	2209.83	1.259e+04	-12.76	-6.405e+04	-6818.24	-8.251e+05
		-8.251e+05	-1.201e+04	-0.01	0.0	203.3	2209.83	634.59	-12.76	-6.405e+04	-9412.91	5.196e+05
						406.6	2209.83	-1.133e+04	-12.76	-6.405e+04	-1.201e+04	-5.671e+05
158	125	4.771e+05	2.942e+04	-0.04	-2.171e+04	0.0	2069.81	1.159e+04	-254.89	-4.374e+04	2.942e+04	-7.770e+05
		-7.770e+05	-7.422e+04	0.07	0.0	203.3	2069.81	733.88	-254.89	-4.374e+04	-2.240e+04	4.757e+05
						406.6	2069.81	-1.012e+04	-254.89	-4.374e+04	-7.422e+04	-4.786e+05
158	128	4.659e+05	5.550e+04	-0.04	-2.171e+04	0.0	2138.57	1.133e+04	244.82	-8.344e+04	-4.405e+04	-7.342e+05
		-7.342e+05	-4.405e+04	-0.09	0.0	203.3	2138.57	475.07	244.82	-8.344e+04	5724.86	4.659e+05
						406.6	2138.57	-1.038e+04	244.82	-8.344e+04	5.550e+04	-5.410e+05
158	129	5.040e+05	-609.23	-0.04	-2.171e+04	0.0	2388.82	1.205e+04	-68.43	-5.791e+04	-609.23	-8.542e+05
		-8.542e+05	-2.843e+04	9.85e-03	0.0	203.3	2388.82	1188.98	-68.43	-5.791e+04	-1.452e+04	4.911e+05
						406.6	2388.82	-9667.43	-68.43	-5.791e+04	-2.843e+04	-3.708e+05
158	134	4.511e+05	5243.77	-0.04	-2.171e+04	0.0	1769.90	1.089e+04	-74.45	-5.772e+04	5243.77	-6.583e+05
		-6.583e+05	-2.503e+04	9.13e-03	0.0	203.3	1769.90	28.67	-74.45	-5.772e+04	-9892.86	4.511e+05
						406.6	1769.90	-1.083e+04	-74.45	-5.772e+04	-2.503e+04	-6.466e+05
158	135	5.033e+05	6301.92	-0.04	-2.171e+04	0.0	2438.49	1.204e+04	64.38	-6.946e+04	-1.988e+04	-8.530e+05
		-8.530e+05	-1.988e+04	-0.04	0.0	203.3	2438.49	1180.27	64.38	-6.946e+04	-6786.85	4.905e+05
						406.6	2438.49	-9676.14	64.38	-6.946e+04	6301.92	-3.731e+05
158	157	4.753e+05	2.110e+04	-0.04	-2.171e+04	0.0	2077.59	1.156e+04	-198.32	-4.824e+04	2.110e+04	-7.722e+05
		-7.722e+05	-5.954e+04	0.05	0.0	203.3	2077.59	704.57	-198.32	-4.824e+04	-1.922e+04	4.746e+05
						406.6	2077.59	-1.015e+04	-198.32	-4.824e+04	-5.954e+04	-4.857e+05
158	160	4.670e+05	4.081e+04	-0.04	-2.171e+04	0.0	2130.79	1.136e+04	188.24	-7.894e+04	-3.573e+04	-7.391e+05
		-7.391e+05	-3.573e+04	-0.08	0.0	203.3	2130.79	504.37	188.24	-7.894e+04	2540.09	4.670e+05
						406.6	2130.79	-1.035e+04	188.24	-7.894e+04	4.081e+04	-5.340e+05
158	161	4.961e+05	-2127.88	-0.04	-2.171e+04	0.0	2324.37	1.191e+04	-54.07	-5.920e+04	-2127.88	-8.319e+05
		-8.319e+05	-2.411e+04	5.62e-03	0.0	203.3	2324.37	1056.63	-54.07	-5.920e+04	-1.312e+04	4.865e+05
						406.6	2324.37	-9799.78	-54.07	-5.920e+04	-2.411e+04	-4.023e+05
158	166	4.556e+05	2399.79	-0.04	-2.171e+04	0.0	1845.59	1.102e+04	-58.74	-5.905e+04	2399.79	-6.803e+05
		-6.803e+05	-2.148e+04	4.84e-03	0.0	203.3	1845.59	159.05	-58.74	-5.905e+04	-9541.20	4.556e+05
						406.6	1845.59	-1.070e+04	-58.74	-5.905e+04	-2.148e+04	-6.156e+05
158	167	4.955e+05	2754.63	-0.04	-2.171e+04	0.0	2362.79	1.191e+04	48.66	-6.813e+04	-1.703e+04	-8.309e+05
		-8.309e+05	-1.703e+04	-0.03	0.0	203.3	2362.79	1049.89	48.66	-6.813e+04	-7138.51	4.861e+05
						406.6	2362.79	-9806.52	48.66	-6.813e+04	2754.63	-4.040e+05
159	3	7.993e+05	2.438e+04	-0.22	-2.434e+04	0.0	2880.26	1.321e+04	95.15	3.091e+04	-3.499e+04	-1.433e+06
		-1.433e+06	-3.499e+04	-0.06	0.0	312.0	2880.26	1037.09	95.15	3.091e+04	-5306.12	7.885e+05
						624.0	2880.26	-1.113e+04	95.15	3.091e+04	2.438e+04	-7.862e+05
159	4	7.994e+05	2.456e+04	-0.22	-2.434e+04	0.0	2883.59	1.320e+04	95.58	3.081e+04	-3.508e+04	-1.432e+06
		-1.432e+06	-3.508e+04	-0.06	0.0	312.0	2883.59	1034.73	95.58	3.081e+04	-5259.54	7.887e+05
						624.0	2883.59	-1.113e+04	95.58	3.081e+04	2.456e+04	-7.867e+05
159	5	6.223e+05	1.355e+04	-0.17	-1.872e+04	0.0	2143.85	1.016e+04	58.03	2.437e+04	-2.266e+04	-1.095e+06
		-1.095e+06	-2.266e+04	-0.04	0.0	312.0	2143.85	797.99	58.03	2.437e+04	-4555.79	6.140e+05
						624.0	2143.85	-8562.18	58.03	2.437e+04	1.355e+04	-5.972e+05
159	9	8.062e+05	2.047e+04	-0.22	-2.434e+04	0.0	2829.74	1.320e+04	83.43	3.106e+04	-3.160e+04	-1.424e+06
		-1.424e+06	-3.160e+04	-0.05	0.0	312.0	2829.74	1029.56	83.43	3.106e+04	-5565.52	7.957e+05
						624.0	2829.74	-1.114e+04	83.43	3.106e+04	2.047e+04	-7.814e+05
159	122	6.301e+05	7.326e+04	-0.17	-1.872e+04	0.0	1693.86	1.029e+04	177.25	2.430e+04	-3.735e+04	-1.134e+06
		-1.134e+06	-3.735e+04	-0.04	0.0	312.0	1693.86	929.63	177.25	2.430e+04	1.796e+04	6.167e+05
						624.0	1693.86	-8430.58	177.25	2.430e+04	7.326e+04	-5.534e+05
159	125	6.283e+05	7.634e+04	-0.17	-1.872e+04	0.0	1674.50	1.026e+04	199.30	2.499e+04	-4.802e+04	-1.126e+06
		-1.126e+06	-4.802e+04	-0.04	0.0	312.0	1674.50	904.21	199.30	2.499e+04	1.416e+04	6.158e+05
						624.0	1674.50	-8456.01	199.30	2.499e+04	7.634e+04	-5.623e+05
159	128	6.110e+05	-440.19	-0.17	-1.872e+04	0.0	2667.45	1.005e+04	-72.00	2.325e+04	-440.19	-1.069e+06
		-1.069e+06	-4.537e+04	-0.04	0.0	312.0	2667.45	690.19	-72.00	2.325e+04	-2.290e+04	6.069e+05
						624.0	2667.45	-8670.02	-72.00	2.325e+04	-4.537e+04	-6.379e+05
159	137	6.191e+05	4.088e+04	-0.17	-1.872e+04	0.0	2036.50	1.015e+04	149.11	2.427e+04	-5.217e+04	-1.095e+06

		-1.095e+06	-5.217e+04	-0.05	0.0	312.0	2036.50	786.94	149.11	2.427e+04	-5645.97	6.112e+05
						624.0	2036.50	-8573.27	149.11	2.427e+04	4.088e+04	-6.035e+05
159	154	6.278e+05	6.018e+04	-0.17	-1.872e+04	0.0	1801.89	1.026e+04	151.53	2.426e+04	-3.438e+04	-1.125e+06
		-1.125e+06	-3.438e+04	-0.04	0.0	312.0	1801.89	899.65	151.53	2.426e+04	1.290e+04	6.155e+05
						624.0	1801.89	-8460.57	151.53	2.426e+04	6.018e+04	-5.640e+05
159	157	6.263e+05	6.256e+04	-0.17	-1.872e+04	0.0	1786.92	1.024e+04	168.58	2.479e+04	-4.263e+04	-1.120e+06
		-1.120e+06	-4.263e+04	-0.04	0.0	312.0	1786.92	879.98	168.58	2.479e+04	9966.46	6.148e+05
						624.0	1786.92	-8480.24	168.58	2.479e+04	6.256e+04	-5.708e+05
159	160	6.130e+05	-5826.90	-0.17	-1.872e+04	0.0	2555.03	1.007e+04	-41.28	2.345e+04	-5826.90	-1.075e+06
		-1.075e+06	-3.159e+04	-0.04	0.0	312.0	2555.03	714.42	-41.28	2.345e+04	-1.871e+04	6.079e+05
						624.0	2555.03	-8645.79	-41.28	2.345e+04	-3.159e+04	-6.294e+05
159	169	6.192e+05	3.513e+04	-0.17	-1.872e+04	0.0	2066.95	1.015e+04	129.76	2.424e+04	-4.584e+04	-1.095e+06
		-1.095e+06	-4.584e+04	-0.05	0.0	312.0	2066.95	789.26	129.76	2.424e+04	-5357.17	6.112e+05
						624.0	2066.95	-8570.95	129.76	2.424e+04	3.513e+04	-6.027e+05
170	4	2.194e+05	1.573e+04	-0.15	-1.160e+04	0.0	-2053.37	7407.01	-37.28	1.227e+04	1.573e+04	-7.392e+05
		-7.392e+05	609.67	-5.13e-03	0.0	202.8	-2053.37	1607.30	-37.28	1.227e+04	8168.47	1.746e+05
						405.5	-2053.37	-4192.40	-37.28	1.227e+04	609.67	-8.743e+04
170	5	1.425e+05	6256.39	-0.09	-7796.63	0.0	-1096.70	4917.45	-22.90	7906.36	6256.39	-4.862e+05
		-4.862e+05	-3027.71	-8.90e-04	0.0	202.8	-1096.70	1019.13	-22.90	7906.36	1614.34	1.156e+05
						405.5	-1096.70	-2879.18	-22.90	7906.36	-3027.71	-7.298e+04
170	11	2.239e+05	1.510e+04	-0.14	-1.207e+04	0.0	-1990.53	7611.42	-37.75	1.284e+04	1.510e+04	-7.489e+05
		-7.489e+05	-210.11	-4.31e-03	0.0	202.8	-1990.53	1574.49	-37.75	1.284e+04	7443.59	1.823e+05
						405.5	-1990.53	-4462.43	-37.75	1.284e+04	-210.11	-1.104e+05
170	126	1.517e+05	6.079e+04	-0.10	-8226.78	0.0	-1450.05	5199.93	73.98	4929.85	3.079e+04	-5.146e+05
		-5.146e+05	3.079e+04	-0.05	0.0	202.8	-1450.05	1086.54	73.98	4929.85	4.579e+04	1.227e+05
						405.5	-1450.05	-3026.85	73.98	4929.85	6.079e+04	-7.403e+04
170	127	1.530e+05	-1.400e+04	-0.10	-8226.78	0.0	-1097.47	5223.81	-124.06	1.205e+04	-1.400e+04	-5.193e+05
		-5.193e+05	-6.431e+04	0.04	0.0	202.8	-1097.47	1110.42	-124.06	1.205e+04	-3.915e+04	1.228e+05
						405.5	-1097.47	-3002.97	-124.06	1.205e+04	-6.431e+04	-6.904e+04
170	129	1.597e+05	1.612e+04	-0.10	-8226.78	0.0	-1074.67	5347.92	-9.79	9159.19	1.612e+04	-5.441e+05
		-5.441e+05	1.215e+04	-4.09e-03	0.0	202.8	-1074.67	1234.53	-9.79	9159.19	1.414e+04	1.232e+05
						405.5	-1074.67	-2878.86	-9.79	9159.19	1.215e+04	-4.353e+04
170	133	1.597e+05	1.525e+04	-0.10	-8226.78	0.0	-1080.32	5348.01	0.46	8670.49	1.506e+04	-5.442e+05
		-5.442e+05	1.506e+04	-8.42e-03	0.0	202.8	-1080.32	1234.62	0.46	8670.49	1.516e+04	1.232e+05
						405.5	-1080.32	-2878.77	0.46	8670.49	1.525e+04	-4.352e+04
170	134	1.455e+05	1.832e+04	-0.10	-8226.78	0.0	-1541.83	5084.75	6.94	6442.79	1.551e+04	-4.916e+05
		-4.916e+05	1.551e+04	-0.02	0.0	202.8	-1541.83	971.36	6.94	6442.79	1.691e+04	1.223e+05
						405.5	-1541.83	-3142.03	6.94	6442.79	1.832e+04	-9.771e+04
170	135	1.592e+05	1283.41	-0.10	-8226.78	0.0	-1005.69	5338.99	-57.02	1.053e+04	1283.41	-5.423e+05
		-5.423e+05	-2.184e+04	0.02	0.0	202.8	-1005.69	1225.60	-57.02	1.053e+04	-1.028e+04	1.231e+05
						405.5	-1005.69	-2887.79	-57.02	1.053e+04	-2.184e+04	-4.536e+04
170	158	1.518e+05	4.662e+04	-0.10	-8226.78	0.0	-1410.14	5202.63	51.56	5735.44	2.572e+04	-5.152e+05
		-5.152e+05	2.572e+04	-0.04	0.0	202.8	-1410.14	1089.24	51.56	5735.44	3.617e+04	1.227e+05
						405.5	-1410.14	-3024.15	51.56	5735.44	4.662e+04	-7.346e+04
170	159	1.529e+05	-8927.08	-0.10	-8226.78	0.0	-1137.39	5221.11	-101.64	1.124e+04	-8927.08	-5.188e+05
		-5.188e+05	-5.014e+04	0.03	0.0	202.8	-1137.39	1107.72	-101.64	1.124e+04	-2.953e+04	1.228e+05
						405.5	-1137.39	-3005.67	-101.64	1.124e+04	-5.014e+04	-6.961e+04
170	161	1.580e+05	1.437e+04	-0.10	-8226.78	0.0	-1119.75	5317.12	-13.25	9007.10	1.437e+04	-5.380e+05
		-5.380e+05	8999.66	-3.58e-03	0.0	202.8	-1119.75	1203.72	-13.25	9007.10	1.169e+04	1.231e+05
						405.5	-1119.75	-2909.67	-13.25	9007.10	8999.66	-4.987e+04
170	165	1.580e+05	1.355e+04	-0.10	-8226.78	0.0	-1124.12	5317.19	-5.32	8629.06	1.355e+04	-5.380e+05
		-5.380e+05	1.140e+04	-6.95e-03	0.0	202.8	-1124.12	1203.79	-5.32	8629.06	1.248e+04	1.231e+05
						405.5	-1124.12	-2909.60	-5.32	8629.06	1.140e+04	-4.986e+04
170	166	1.471e+05	1.390e+04	-0.10	-8226.78	0.0	-1481.13	5113.54	-0.30	6905.79	1.390e+04	-4.973e+05
		-4.973e+05	1.377e+04	-0.02	0.0	202.8	-1481.13	1000.15	-0.30	6905.79	1.383e+04	1.224e+05
						405.5	-1481.13	-3113.25	-0.30	6905.79	1.377e+04	-9.179e+04
170	167	1.577e+05	2893.62	-0.10	-8226.78	0.0	-1066.39	5310.21	-49.78	1.007e+04	2893.62	-5.366e+05
		-5.366e+05	-1.729e+04	0.01	0.0	202.8	-1066.39	1196.81	-49.78	1.007e+04	-7199.21	1.231e+05
						405.5	-1066.39	-2916.58	-49.78	1.007e+04	-1.729e+04	-5.129e+04
171	4	2.631e+05	1794.92	-0.05	-1.161e+04	0.0	-3567.93	5703.79	-3.36	8547.88	1794.92	-3.053e+05
		-3.472e+05	429.96	1.43e-03	0.0	203.0	-3567.93	-103.06	-3.36	8547.88	1112.44	2.631e+05
						406.0	-3567.93	-5909.92	-3.36	8547.88	429.96	-3.472e+05
171	5	1.703e+05	800.45	-0.04	-7806.24	0.0	-2047.46	3825.35	7.45	6470.15	-2224.67	-2.100e+05
		-2.416e+05	-2224.67	-2.04e-03	0.0	203.0	-2047.46	-77.77	7.45	6470.15	-712.11	1.703e+05
						406.0	-2047.46	-3980.89	7.45	6470.15	800.45	-2.416e+05
171	9	2.607e+05	531.19	-0.05	-1.209e+04	0.0	-3122.21	5930.88	3.04	9316.73	-702.25	-3.298e+05
		-3.758e+05	-702.25	-2.57e-04	0.0	203.0	-3122.21	-113.49	3.04	9316.73	-85.53	2.607e+05
						406.0	-3122.21	-6157.85	3.04	9316.73	531.19	-3.758e+05
171	11	2.682e+05	1190.28	-0.05	-1.209e+04	0.0	-3469.95	5935.53	-1.98	8976.78	1190.28	-3.232e+05
		-3.674e+05	387.92	1.17e-03	0.0	203.0	-3469.95	-108.84	-1.98	8976.78	789.10	2.682e+05
						406.0	-3469.95	-6153.21	-1.98	8976.78	387.92	-3.674e+05
171	122	1.827e+05	6.691e+04	-0.04	-8236.93	0.0	-2466.55	3994.39	-73.15	1.865e+04	6.691e+04	-2.101e+05
		-2.605e+05	3.721e+04	0.05	0.0	203.0	-2466.55	-124.08	-73.15	1.865e+04	5.206e+04	1.827e+05
						406.0	-2466.55	-4242.54	-73.15	1.865e+04	3.721e+04	-2.605e+05
171	123	1.820e+05	-3.596e+04	-0.04	-8236.93	0.0	-2138.73	4085.47	80.74	-5608.23	-6.874e+04	-2.293e+05
		-2.427e+05	-6.874e+04	-0.06	0.0	203.0	-2138.73	-33.00	80.74	-5608.23	-5.235e+04	1.820e+05
						406.0	-2138.73	-4151.46	80.74	-5608.23	-3.596e+04	-2.427e+05

171	126	1.828e+05	6.708e+04	-0.04	-8236.93	0.0	-2462.36	4012.59	-70.64	1.861e+04	6.708e+04	-2.137e+05
		-2.567e+05	3.841e+04	0.05	0.0	203.0	-2462.36	-105.87	-70.64	1.861e+04	5.274e+04	1.828e+05
						406.0	-2462.36	-4224.33	-70.64	1.861e+04	3.841e+04	-2.567e+05
171	127	1.819e+05	-3.715e+04	-0.04	-8236.93	0.0	-2142.93	4067.26	78.22	-5569.28	-6.891e+04	-2.257e+05
		-2.465e+05	-6.891e+04	-0.06	0.0	203.0	-2142.93	-51.20	78.22	-5569.28	-5.303e+04	1.819e+05
						406.0	-2142.93	-4169.67	78.22	-5569.28	-3.715e+04	-2.465e+05
171	133	1.837e+05	1.874e+04	-0.04	-8236.93	0.0	-2324.75	4234.86	-22.52	1.095e+04	1.874e+04	-2.579e+05
		-2.579e+05	9597.60	0.02	0.0	203.0	-2324.75	116.40	-22.52	1.095e+04	1.417e+04	1.837e+05
						406.0	-2324.75	-4002.07	-22.52	1.095e+04	9597.60	-2.107e+05
171	136	1.814e+05	-8341.62	-0.04	-8236.93	0.0	-2280.53	3844.99	30.10	2091.37	-2.056e+04	-1.815e+05
		-2.925e+05	-2.056e+04	-0.02	0.0	203.0	-2280.53	-273.47	30.10	2091.37	-1.445e+04	1.810e+05
						406.0	-2280.53	-4391.94	30.10	2091.37	-8341.62	-2.925e+05
171	154	1.826e+05	5.156e+04	-0.04	-8236.93	0.0	-2429.44	4004.70	-55.73	1.590e+04	5.156e+04	-2.123e+05
		-2.585e+05	2.893e+04	0.04	0.0	203.0	-2429.44	-113.76	-55.73	1.590e+04	4.024e+04	1.826e+05
						406.0	-2429.44	-4232.23	-55.73	1.590e+04	2.893e+04	-2.585e+05
171	155	1.821e+05	-2.767e+04	-0.04	-8236.93	0.0	-2175.85	4075.16	63.31	-2861.84	-5.338e+04	-2.272e+05
		-2.447e+05	-5.338e+04	-0.04	0.0	203.0	-2175.85	-43.31	63.31	-2861.84	-4.052e+04	1.821e+05
						406.0	-2175.85	-4161.77	63.31	-2861.84	-2.767e+04	-2.447e+05
171	158	1.827e+05	5.169e+04	-0.04	-8236.93	0.0	-2426.19	4018.78	-53.78	1.587e+04	5.169e+04	-2.151e+05
		-2.555e+05	2.985e+04	0.04	0.0	203.0	-2426.19	-99.68	-53.78	1.587e+04	4.077e+04	1.827e+05
						406.0	-2426.19	-4218.14	-53.78	1.587e+04	2.985e+04	-2.555e+05
171	159	1.820e+05	-2.859e+04	-0.04	-8236.93	0.0	-2179.09	4061.07	61.37	-2831.72	-5.351e+04	-2.244e+05
		-2.477e+05	-5.351e+04	-0.04	0.0	203.0	-2179.09	-57.39	61.37	-2831.72	-4.105e+04	1.820e+05
						406.0	-2179.09	-4175.86	61.37	-2831.72	-2.859e+04	-2.477e+05
171	165	1.834e+05	1.429e+04	-0.04	-8236.93	0.0	-2319.75	4190.72	-16.56	9946.64	1.429e+04	-2.493e+05
		-2.493e+05	7566.55	0.02	0.0	203.0	-2319.75	72.26	-16.56	9946.64	1.093e+04	1.834e+05
						406.0	-2319.75	-4046.21	-16.56	9946.64	7566.55	-2.199e+05
171	168	1.813e+05	-6310.57	-0.04	-8236.93	0.0	-2285.54	3889.13	24.14	3094.28	-1.611e+04	-1.902e+05
		-2.833e+05	-1.611e+04	-0.02	0.0	203.0	-2285.54	-229.33	24.14	3094.28	-1.121e+04	1.813e+05
						406.0	-2285.54	-4347.79	24.14	3094.28	-6310.57	-2.833e+05
172	4	2.403e+05	4042.35	0.02	-1.163e+04	0.0	-3502.16	5657.32	-95.48	1.685e+04	4042.35	-3.187e+05
		-3.830e+05	-3.478e+04	-6.02e-03	0.0	203.3	-3502.16	-158.11	-95.48	1.685e+04	-1.537e+04	2.403e+05
						406.6	-3502.16	-5973.55	-95.48	1.685e+04	-3.478e+04	-3.830e+05
172	5	1.614e+05	3452.87	-0.01	-7817.78	0.0	-2122.13	3929.27	-58.50	1.455e+04	3452.87	-2.400e+05
		-2.400e+05	-2.033e+04	-6.37e-03	0.0	203.3	-2122.13	20.38	-58.50	1.455e+04	-8439.80	1.614e+05
						406.6	-2122.13	-3888.51	-58.50	1.455e+04	-2.033e+04	-2.318e+05
172	9	2.545e+05	4351.54	-0.02	-1.211e+04	0.0	-3159.05	6075.80	-85.80	1.882e+04	4351.54	-3.654e+05
		-3.654e+05	-3.053e+04	-6.91e-03	0.0	203.3	-3159.05	22.50	-85.80	1.882e+04	-1.309e+04	2.545e+05
						406.6	-3159.05	-6030.80	-85.80	1.882e+04	-3.053e+04	-3.563e+05
172	125	1.712e+05	5.064e+04	-0.01	-8249.10	0.0	-2542.83	4113.73	-395.12	2.993e+04	5.064e+04	-2.458e+05
		-2.502e+05	-1.100e+05	0.10	0.0	203.3	-2542.83	-10.82	-395.12	2.993e+04	-2.968e+04	1.712e+05
						406.6	-2542.83	-4135.37	-395.12	2.993e+04	-1.100e+05	-2.502e+05
172	128	1.696e+05	6.467e+04	-0.01	-8249.10	0.0	-2120.63	4074.89	267.22	-1950.53	-4.398e+04	-2.395e+05
		-2.597e+05	-4.398e+04	-0.11	0.0	203.3	-2120.63	-49.66	267.22	-1950.53	1.034e+04	1.696e+05
						406.6	-2120.63	-4174.21	267.22	-1950.53	6.467e+04	-2.597e+05
172	133	1.728e+05	1.662e+04	0.01	-8249.10	0.0	-2552.15	4210.07	-167.79	1.818e+04	1.662e+04	-2.639e+05
		-2.639e+05	-5.160e+04	0.03	0.0	203.3	-2552.15	85.52	-167.79	1.818e+04	-1.749e+04	1.728e+05
						406.6	-2552.15	-4039.03	-167.79	1.818e+04	-5.160e+04	-2.291e+05
172	134	1.683e+05	1.942e+04	-0.02	-8249.10	0.0	-2212.07	3975.69	-156.06	1.954e+04	1.942e+04	-2.207e+05
		-2.812e+05	-4.403e+04	0.02	0.0	203.3	-2212.07	-148.86	-156.06	1.954e+04	-1.230e+04	1.683e+05
						406.6	-2212.07	-4273.41	-156.06	1.954e+04	-4.403e+04	-2.812e+05
172	136	1.681e+05	6261.11	-0.02	-8249.10	0.0	-2111.31	3978.54	39.90	9796.45	-9960.74	-2.215e+05
		-2.808e+05	-9960.74	-0.04	0.0	203.3	-2111.31	-146.01	39.90	9796.45	-1849.81	1.681e+05
						406.6	-2111.31	-4270.56	39.90	9796.45	6261.11	-2.808e+05
172	157	1.711e+05	3.993e+04	-0.01	-8249.10	0.0	-2495.03	4109.33	-320.13	2.632e+04	3.993e+04	-2.451e+05
		-2.513e+05	-9.023e+04	0.08	0.0	203.3	-2495.03	-15.22	-320.13	2.632e+04	-2.515e+04	1.711e+05
						406.6	-2495.03	-4139.77	-320.13	2.632e+04	-9.023e+04	-2.513e+05
172	160	1.698e+05	4.489e+04	-0.01	-8249.10	0.0	-2168.43	4079.29	192.23	1658.43	-3.327e+04	-2.402e+05
		-2.587e+05	-3.327e+04	-0.09	0.0	203.3	-2168.43	-45.26	192.23	1658.43	5811.44	1.698e+05
						406.6	-2168.43	-4169.81	192.23	1658.43	4.489e+04	-2.587e+05
172	165	1.722e+05	1.361e+04	0.01	-8249.10	0.0	-2502.24	4183.86	-144.28	1.723e+04	1.361e+04	-2.591e+05
		-2.591e+05	-4.505e+04	0.02	0.0	203.3	-2502.24	59.31	-144.28	1.723e+04	-1.572e+04	1.722e+05
						406.6	-2502.24	-4065.24	-144.28	1.723e+04	-4.505e+04	-2.350e+05
172	166	1.688e+05	1.578e+04	-0.01	-8249.10	0.0	-2239.16	4002.55	-135.21	1.828e+04	1.578e+04	-2.257e+05
		-2.753e+05	-3.919e+04	0.02	0.0	203.3	-2239.16	-122.00	-135.21	1.828e+04	-1.171e+04	1.688e+05
						406.6	-2239.16	-4246.55	-135.21	1.828e+04	-3.919e+04	-2.753e+05
172	168	1.686e+05	-290.12	-0.02	-8249.10	0.0	-2161.22	4004.76	16.38	1.075e+04	-6951.15	-2.263e+05
		-2.750e+05	-6951.15	-0.03	0.0	203.3	-2161.22	-119.79	16.38	1.075e+04	-3620.63	1.686e+05
						406.6	-2161.22	-4244.34	16.38	1.075e+04	-290.12	-2.750e+05
179	3	4.204e+05	2038.94	-0.06	-2.678e+04	0.0	2092.32	1.278e+04	18.03	1.587e+04	-5553.64	-8.601e+05
		-1.118e+06	-5553.64	-0.01	0.0	210.5	2092.32	-613.26	18.03	1.587e+04	-1757.35	4.204e+05
						421.0	2092.32	-1.401e+04	18.03	1.587e+04	2038.94	-1.118e+06
179	4	4.203e+05	1685.37	-0.05	-2.678e+04	0.0	2121.93	1.277e+04	17.27	1.597e+04	-5586.71	-8.588e+05
		-1.120e+06	-5586.71	-0.01	0.0	210.5	2121.93	-619.73	17.27	1.597e+04	-1950.67	4.203e+05
						421.0	2121.93	-1.401e+04	17.27	1.597e+04	1685.37	-1.120e+06
179	5	2.585e+05	7579.16	-0.03	-1.763e+04	0.0	1374.93	8285.88	23.88	1741.13	-2475.12	-5.580e+05
		-7.805e+05	-2475.12	-0.01	0.0	210.5	1374.93	-528.44	23.88	1741.13	2552.02	2.585e+05

						421.0	1374.93	-9342.76	23.88	1741.13	7579.16	-7.805e+05
179	122	2.884e+05	5413.17	-0.04	-1.871e+04	0.0	464.59	8975.81	-14.84	5718.05	5413.17	-6.165e+05
		-7.756e+05	-833.87	-0.02	0.0	210.5	464.59	-377.75	-14.84	5718.05	2289.65	2.884e+05
						421.0	464.59	-9731.32	-14.84	5718.05	-833.87	-7.756e+05
179	123	2.771e+05	1.142e+04	-0.03	-1.871e+04	0.0	2474.42	8711.45	54.88	5415.67	-1.169e+04	-5.737e+05
		-8.441e+05	-1.169e+04	-1.13e-03	0.0	210.5	2474.42	-642.11	54.88	5415.67	-137.79	2.756e+05
						421.0	2474.42	-9995.67	54.88	5415.67	1.142e+04	-8.441e+05
179	133	2.836e+05	-2.249e+04	-0.04	-1.871e+04	0.0	1239.59	8826.79	-13.81	7556.30	-2.249e+04	-5.900e+05
		-8.118e+05	-2.830e+04	0.03	0.0	210.5	1239.59	-526.78	-13.81	7556.30	-2.540e+04	2.836e+05
						421.0	1239.59	-9880.34	-13.81	7556.30	-2.830e+04	-8.118e+05
179	136	2.804e+05	3.888e+04	-0.04	-1.871e+04	0.0	1699.42	8860.48	53.85	3577.42	1.621e+04	-6.003e+05
		-8.079e+05	1.621e+04	-0.06	0.0	210.5	1699.42	-493.09	53.85	3577.42	2.755e+04	2.804e+05
						421.0	1699.42	-9846.65	53.85	3577.42	3.888e+04	-8.079e+05
179	154	2.869e+05	3476.65	-0.04	-1.871e+04	0.0	692.14	8945.88	-6.94	5683.82	3476.65	-6.117e+05
		-7.833e+05	552.99	-0.02	0.0	210.5	692.14	-407.68	-6.94	5683.82	2014.82	2.869e+05
						421.0	692.14	-9761.25	-6.94	5683.82	552.99	-7.833e+05
179	155	2.777e+05	1.003e+04	-0.03	-1.871e+04	0.0	2246.87	8741.38	46.99	5449.90	-9754.56	-5.786e+05
		-8.363e+05	-9754.56	-3.47e-03	0.0	210.5	2246.87	-612.18	46.99	5449.90	137.04	2.770e+05
						421.0	2246.87	-9965.74	46.99	5449.90	1.003e+04	-8.363e+05
179	168	2.808e+05	3.128e+04	-0.04	-1.871e+04	0.0	1647.36	8856.66	46.19	4027.91	1.183e+04	-5.991e+05
		-8.083e+05	1.183e+04	-0.05	0.0	210.5	1647.36	-496.90	46.19	4027.91	2.155e+04	2.808e+05
						421.0	1647.36	-9850.46	46.19	4027.91	3.128e+04	-8.083e+05
179	175	2.804e+05	-1.034e+04	-0.04	-1.871e+04	0.0	1703.06	8782.27	28.38	5892.56	-2.229e+04	-5.838e+05
		-8.243e+05	-2.229e+04	0.01	0.0	210.5	1703.06	-571.29	28.38	5892.56	-1.632e+04	2.804e+05
						421.0	1703.06	-9924.85	28.38	5892.56	-1.034e+04	-8.243e+05
180	4	5.866e+05	-4223.74	-0.13	-2.688e+04	0.0	2099.13	1.347e+04	8.85	7992.01	-7964.86	-8.400e+05
		-8.400e+05	-7964.86	-5.02e-03	0.0	211.2	2099.13	33.45	8.85	7992.01	-6094.30	5.866e+05
						422.5	2099.13	-1.341e+04	8.85	7992.01	-4223.74	-8.259e+05
180	5	3.867e+05	-1764.71	-0.08	-1.769e+04	0.0	1367.19	8920.23	21.46	1949.17	-1.083e+04	-5.634e+05
		-5.634e+05	-1.083e+04	-9.00e-03	0.0	211.2	1367.19	74.50	21.46	1949.17	-6297.75	3.867e+05
						422.5	1367.19	-8771.22	21.46	1949.17	-1764.71	-5.319e+05
180	9	5.313e+05	-2871.51	-0.11	-2.430e+04	0.0	1978.75	1.224e+04	21.88	4830.43	-1.211e+04	-7.717e+05
		-7.717e+05	-1.211e+04	-8.81e-03	0.0	211.2	1978.75	92.40	21.88	4830.43	-7493.14	5.313e+05
						422.5	1978.75	-1.206e+04	21.88	4830.43	-2871.51	-7.327e+05
180	12	3.869e+05	-1712.05	-0.08	-1.769e+04	0.0	1428.62	8931.16	21.69	2247.71	-1.088e+04	-5.654e+05
		-5.654e+05	-1.088e+04	-8.58e-03	0.0	211.2	1428.62	85.43	21.69	2247.71	-6294.36	3.869e+05
						422.5	1428.62	-8760.29	21.69	2247.71	-1712.05	-5.293e+05
180	122	3.996e+05	6681.47	-0.09	-1.877e+04	0.0	107.48	9619.67	12.32	-952.46	1476.31	-6.411e+05
		-6.411e+05	1476.31	-0.03	0.0	211.2	107.48	232.78	12.32	-952.46	4078.89	3.996e+05
						422.5	107.48	-9154.11	12.32	-952.46	6681.47	-5.427e+05
180	123	4.206e+05	-1.129e+04	-0.09	-1.877e+04	0.0	2809.05	9268.34	20.00	7912.50	-1.974e+04	-5.459e+05
		-5.960e+05	-1.974e+04	0.02	0.0	211.2	2809.05	-118.55	20.00	7912.50	-1.551e+04	4.206e+05
						422.5	2809.05	-9505.44	20.00	7912.50	-1.129e+04	-5.960e+05
180	133	4.104e+05	5.860e+04	-0.09	-1.877e+04	0.0	1129.89	9482.69	-200.07	1.406e+04	5.860e+04	-6.013e+05
		-6.013e+05	-2.593e+04	0.06	0.0	211.2	1129.89	95.80	-200.07	1.406e+04	1.634e+04	4.104e+05
						422.5	1129.89	-9291.09	-200.07	1.406e+04	-2.593e+04	-5.609e+05
180	136	4.098e+05	2.132e+04	-0.09	-1.877e+04	0.0	1786.64	9405.32	232.38	-7098.93	-7.686e+04	-5.856e+05
		-5.856e+05	-7.686e+04	-0.07	0.0	211.2	1786.64	18.43	232.38	-7098.93	-2.777e+04	4.098e+05
						422.5	1786.64	-9368.46	232.38	-7098.93	2.132e+04	-5.778e+05
180	154	4.020e+05	4646.87	-0.09	-1.877e+04	0.0	413.35	9579.89	13.19	51.22	-925.57	-6.303e+05
		-6.303e+05	-925.57	-0.03	0.0	211.2	413.35	193.00	13.19	51.22	1860.65	4.020e+05
						422.5	413.35	-9193.89	13.19	51.22	4646.87	-5.487e+05
180	155	4.182e+05	-9254.51	-0.09	-1.877e+04	0.0	2503.18	9308.12	19.13	6908.82	-1.734e+04	-5.567e+05
		-5.899e+05	-1.734e+04	0.01	0.0	211.2	2503.18	-78.77	19.13	6908.82	-1.330e+04	4.182e+05
						422.5	2503.18	-9465.66	19.13	6908.82	-9254.51	-5.899e+05
180	165	4.103e+05	4.326e+04	-0.09	-1.877e+04	0.0	1204.24	9473.93	-151.10	1.166e+04	4.326e+04	-5.996e+05
		-5.996e+05	-2.058e+04	0.04	0.0	211.2	1204.24	87.04	-151.10	1.166e+04	1.134e+04	4.103e+05
						422.5	1204.24	-9299.85	-151.10	1.166e+04	-2.058e+04	-5.628e+05
180	168	4.098e+05	1.597e+04	-0.09	-1.877e+04	0.0	1712.29	9414.08	183.42	-4703.46	-6.153e+04	-5.874e+05
		-5.874e+05	-6.153e+04	-0.06	0.0	211.2	1712.29	27.19	183.42	-4703.46	-2.278e+04	4.098e+05
						422.5	1712.29	-9359.70	183.42	-4703.46	1.597e+04	-5.759e+05
181	4	2.001e+05	-1.073e+04	-0.04	-8800.50	0.0	-2057.46	4367.18	-58.62	1.856e+04	-1.073e+04	-2.561e+05
		-2.700e+05	-3.541e+04	-0.02	0.0	210.5	-2057.46	-33.07	-58.62	1.856e+04	-2.307e+04	2.001e+05
						421.0	-2057.46	-4433.32	-58.62	1.856e+04	-3.541e+04	-2.700e+05
181	5	1.349e+05	-5488.18	-0.03	-6007.87	0.0	-1235.90	3013.24	-18.19	9320.60	-5488.18	-1.832e+05
		-1.832e+05	-1.315e+04	-0.02	0.0	210.5	-1235.90	9.30	-18.19	9320.60	-9317.80	1.349e+05
						421.0	-1235.90	-2994.64	-18.19	9320.60	-1.315e+04	-1.793e+05
181	9	2.052e+05	-9506.15	-0.04	-9121.46	0.0	-1829.68	4597.16	-39.54	1.871e+04	-9506.15	-2.825e+05
		-2.825e+05	-2.615e+04	-0.02	0.0	210.5	-1829.68	36.43	-39.54	1.871e+04	-1.783e+04	2.052e+05
						421.0	-1829.68	-4524.30	-39.54	1.871e+04	-2.615e+04	-2.672e+05
181	11	2.066e+05	-1.063e+04	-0.04	-9121.46	0.0	-2005.77	4557.55	-53.87	1.963e+04	-1.063e+04	-2.728e+05
		-2.741e+05	-3.331e+04	-0.02	0.0	210.5	-2005.77	-3.18	-53.87	1.963e+04	-2.197e+04	2.066e+05
						421.0	-2005.77	-4563.92	-53.87	1.963e+04	-3.331e+04	-2.741e+05
181	123	1.372e+05	-1.175e+04	-0.03	-6298.88	0.0	-878.84	3085.80	12.36	1.176e+04	-1.695e+04	-1.809e+05
		-2.077e+05	-1.695e+04	2.68e-03	0.0	210.5	-878.84	-63.64	12.36	1.176e+04	-1.435e+04	1.372e+05
						421.0	-878.84	-3213.07	12.36	1.176e+04	-1.175e+04	-2.077e+05
181	125	1.473e+05	-9387.13	-0.03	-6298.88	0.0	-1913.05	3186.59	-80.17	1.122e+04	-9387.13	-1.920e+05

		-1.920e+05	-4.314e+04	5.75e-03	0.0	210.5	-1913.05	37.15	-80.17	1.122e+04	-2.626e+04	1.473e+05
						421.0	-1913.05	-3112.29	-80.17	1.122e+04	-4.314e+04	-1.763e+05
181	128	1.369e+05	6546.33	-0.03	-6298.88	0.0	-811.93	3106.97	24.18	1.114e+04	-3635.14	-1.857e+05
		-2.035e+05	-3635.14	-0.03	0.0	210.5	-811.93	-42.47	24.18	1.114e+04	1455.59	1.369e+05
						421.0	-811.93	-3191.90	24.18	1.114e+04	6546.33	-2.035e+05
181	133	1.442e+05	-2.624e+04	-0.03	-6298.88	0.0	-1620.25	3124.58	-67.47	1.253e+04	-2.624e+04	-1.821e+05
		-1.925e+05	-5.465e+04	0.04	0.0	210.5	-1620.25	-24.85	-67.47	1.253e+04	-4.045e+04	1.442e+05
						421.0	-1620.25	-3174.29	-67.47	1.253e+04	-5.465e+04	-1.925e+05
181	142	1.430e+05	1.815e+04	-0.03	-6298.88	0.0	-1397.22	3195.15	-28.05	1.047e+04	1.815e+04	-1.981e+05
		-1.981e+05	6339.66	-0.05	0.0	210.5	-1397.22	45.71	-28.05	1.047e+04	1.224e+04	1.430e+05
						421.0	-1397.22	-3103.73	-28.05	1.047e+04	6339.66	-1.789e+05
181	155	1.383e+05	-1.323e+04	-0.03	-6298.88	0.0	-988.35	3099.61	3.22	1.163e+04	-1.459e+04	-1.827e+05
		-2.036e+05	-1.459e+04	-5.10e-03	0.0	210.5	-988.35	-49.83	3.22	1.163e+04	-1.391e+04	1.383e+05
						421.0	-988.35	-3199.27	3.22	1.163e+04	-1.323e+04	-2.036e+05
181	157	1.462e+05	-8735.90	-0.03	-6298.88	0.0	-1788.38	3177.57	-68.35	1.121e+04	-8735.90	-1.912e+05
		-1.912e+05	-3.751e+04	-4.87e-03	0.0	210.5	-1788.38	28.13	-68.35	1.121e+04	-2.312e+04	1.462e+05
						421.0	-1788.38	-3121.30	-68.35	1.121e+04	-3.751e+04	-1.794e+05
181	160	1.381e+05	921.29	-0.03	-6298.88	0.0	-936.60	3115.99	12.37	1.115e+04	-4286.37	-1.864e+05
		-2.005e+05	-4286.37	-0.03	0.0	210.5	-936.60	-33.45	12.37	1.115e+04	-1682.54	1.381e+05
						421.0	-936.60	-3182.89	12.37	1.115e+04	921.29	-2.005e+05
181	165	1.437e+05	-2.178e+04	-0.03	-6298.88	0.0	-1561.88	3129.61	-58.53	1.223e+04	-2.178e+04	-1.836e+05
		-1.919e+05	-4.642e+04	0.03	0.0	210.5	-1561.88	-19.83	-58.53	1.223e+04	-3.410e+04	1.437e+05
						421.0	-1561.88	-3169.27	-58.53	1.223e+04	-4.642e+04	-1.919e+05
181	174	1.428e+05	1.256e+04	-0.03	-6298.88	0.0	-1389.36	3184.20	-28.03	1.063e+04	1.256e+04	-1.960e+05
		-1.960e+05	761.42	-0.04	0.0	210.5	-1389.36	34.76	-28.03	1.063e+04	6662.66	1.428e+05
						421.0	-1389.36	-3114.68	-28.03	1.063e+04	761.42	-1.814e+05
182	4	2.256e+05	2.429e+04	-0.12	-8831.86	0.0	-1911.74	4471.23	-88.18	1.113e+04	2.429e+04	-2.525e+05
		-2.525e+05	-1.297e+04	4.64e-03	0.0	211.2	-1911.74	55.30	-88.18	1.113e+04	5660.34	2.256e+05
						422.5	-1911.74	-4360.62	-88.18	1.113e+04	-1.297e+04	-2.292e+05
182	5	1.521e+05	4947.55	-0.07	-6029.28	0.0	-1127.48	3030.87	-26.55	5240.50	4947.55	-1.698e+05
		-1.698e+05	-6268.60	-6.15e-03	0.0	211.2	-1127.48	16.23	-26.55	5240.50	-660.52	1.521e+05
						422.5	-1127.48	-2998.41	-26.55	5240.50	-6268.60	-1.629e+05
182	9	2.309e+05	1.488e+04	-0.11	-9153.96	0.0	-1689.03	4559.55	-61.67	1.072e+04	1.488e+04	-2.488e+05
		-2.562e+05	-1.118e+04	-1.35e-03	0.0	211.2	-1689.03	-17.43	-61.67	1.072e+04	1851.52	2.309e+05
						422.5	-1689.03	-4594.42	-61.67	1.072e+04	-1.118e+04	-2.562e+05
182	11	2.327e+05	2.204e+04	-0.11	-9153.96	0.0	-1862.05	4598.99	-82.36	1.157e+04	2.204e+04	-2.554e+05
		-2.554e+05	-1.275e+04	3.39e-03	0.0	211.2	-1862.05	22.01	-82.36	1.157e+04	4645.26	2.327e+05
						422.5	-1862.05	-4554.97	-82.36	1.157e+04	-1.275e+04	-2.461e+05
182	123	1.695e+05	1998.89	-0.08	-6321.32	0.0	-763.91	3080.26	-48.56	7213.12	1998.89	-1.474e+05
		-1.814e+05	-1.852e+04	0.03	0.0	211.2	-763.91	-80.40	-48.56	7213.12	-8258.50	1.695e+05
						422.5	-763.91	-3241.06	-48.56	7213.12	-1.852e+04	-1.814e+05
182	125	1.520e+05	4.510e+04	-0.08	-6321.32	0.0	-1825.61	3297.61	-131.88	6957.08	4.510e+04	-2.107e+05
		-2.107e+05	-1.062e+04	0.01	0.0	211.2	-1825.61	136.95	-131.88	6957.08	1.724e+04	1.520e+05
						422.5	-1825.61	-3023.71	-131.88	6957.08	-1.062e+04	-1.529e+05
182	128	1.684e+05	-4645.07	-0.08	-6321.32	0.0	-679.85	3073.71	48.64	6002.38	-2.519e+04	-1.471e+05
		-1.838e+05	-2.519e+04	-0.02	0.0	211.2	-679.85	-86.95	48.64	6002.38	-1.492e+04	1.684e+05
						422.5	-679.85	-3247.61	48.64	6002.38	-4645.07	-1.838e+05
182	133	1.596e+05	6.421e+04	-0.08	-6321.32	0.0	-1547.16	3227.37	-219.21	9113.28	6.421e+04	-1.883e+05
		-1.883e+05	-2.841e+04	0.07	0.0	211.2	-1547.16	66.71	-219.21	9113.28	1.790e+04	1.596e+05
						422.5	-1547.16	-3093.95	-219.21	9113.28	-2.841e+04	-1.601e+05
182	136	1.608e+05	1.314e+04	-0.08	-6321.32	0.0	-958.30	3143.94	135.96	3846.18	-4.431e+04	-1.695e+05
		-1.766e+05	-4.431e+04	-0.08	0.0	211.2	-958.30	-16.72	135.96	3846.18	-1.558e+04	1.608e+05
						422.5	-958.30	-3177.37	135.96	3846.18	1.314e+04	-1.766e+05
182	155	1.674e+05	3799.33	-0.08	-6321.32	0.0	-874.60	3104.13	-46.99	7047.05	3799.33	-1.545e+05
		-1.784e+05	-1.605e+04	0.02	0.0	211.2	-874.60	-56.53	-46.99	7047.05	-6126.35	1.674e+05
						422.5	-874.60	-3217.19	-46.99	7047.05	-1.605e+04	-1.784e+05
182	157	1.539e+05	3.714e+04	-0.08	-6321.32	0.0	-1695.89	3272.26	-111.44	6848.99	3.714e+04	-2.035e+05
		-2.035e+05	-9947.84	8.05e-03	0.0	211.2	-1695.89	111.60	-111.44	6848.99	1.359e+04	1.539e+05
						422.5	-1695.89	-3049.06	-111.44	6848.99	-9947.84	-1.564e+05
182	160	1.665e+05	-5322.09	-0.08	-6321.32	0.0	-809.57	3099.06	28.20	6110.47	-1.724e+04	-1.543e+05
		-1.803e+05	-1.724e+04	-0.01	0.0	211.2	-809.57	-61.60	28.20	6110.47	-1.128e+04	1.665e+05
						422.5	-809.57	-3222.26	28.20	6110.47	-5322.09	-1.803e+05
182	165	1.598e+05	5.192e+04	-0.08	-6321.32	0.0	-1480.49	3217.93	-179.00	8516.95	5.192e+04	-1.862e+05
		-1.862e+05	-2.371e+04	0.05	0.0	211.2	-1480.49	57.27	-179.00	8516.95	1.411e+04	1.598e+05
						422.5	-1480.49	-3103.39	-179.00	8516.95	-2.371e+04	-1.620e+05
182	168	1.607e+05	8435.68	-0.08	-6321.32	0.0	-1024.97	3153.39	95.75	4442.51	-3.202e+04	-1.717e+05
		-1.747e+05	-3.202e+04	-0.06	0.0	211.2	-1024.97	-7.27	95.75	4442.51	-1.179e+04	1.607e+05
						422.5	-1024.97	-3167.93	95.75	4442.51	8435.68	-1.747e+05
183	4	2.898e+04	5.293e+04	0.04	-330.20	0.0	262.77	-135.48	-533.43	-579.62	5.293e+04	2.898e+04
		-3.209e+04	-5.546e+04	0.09	0.0	101.6	262.77	-300.58	-533.43	-579.62	-1264.73	6832.94
						203.2	262.77	-465.68	-533.43	-579.62	-5.546e+04	-3.209e+04
183	5	2.014e+04	3.353e+04	0.03	-254.00	0.0	134.21	-84.78	-340.56	-166.78	3.353e+04	2.014e+04
		-2.289e+04	-3.567e+04	0.06	0.0	101.6	134.21	-211.78	-340.56	-166.78	-1070.33	5076.04
						203.2	134.21	-338.78	-340.56	-166.78	-3.567e+04	-2.289e+04
183	129	1.842e+04	2.535e+04	0.03	-254.00	0.0	853.55	-70.52	-285.69	-987.85	2.535e+04	1.842e+04
		-2.172e+04	-3.270e+04	0.06	0.0	101.6	853.55	-197.52	-285.69	-987.85	-3673.79	4804.87
						203.2	853.55	-324.52	-285.69	-987.85	-3.270e+04	-2.172e+04

183	132	2.345e+04	4.694e+04	0.03	-254.00	0.0	-535.37	-113.41	-446.23	436.83	4.694e+04	2.345e+04
		-2.540e+04	-4.373e+04	0.06	0.0	101.6	-535.37	-240.41	-446.23	436.83	1604.41	5478.87
						203.2	-535.37	-367.41	-446.23	436.83	-4.373e+04	-2.540e+04
183	136	2.339e+04	4.786e+04	0.03	-254.00	0.0	-509.92	-112.80	-453.24	315.60	4.786e+04	2.339e+04
		-2.534e+04	-4.424e+04	0.06	0.0	101.6	-509.92	-239.80	-453.24	315.60	1807.87	5478.84
						203.2	-509.92	-366.80	-453.24	315.60	-4.424e+04	-2.534e+04
183	161	1.899e+04	2.780e+04	0.03	-254.00	0.0	696.30	-75.38	-303.87	-826.55	2.780e+04	1.899e+04
		-2.213e+04	-3.395e+04	0.06	0.0	101.6	696.30	-202.38	-303.87	-826.55	-3076.20	4881.18
						203.2	696.30	-329.38	-303.87	-826.55	-3.395e+04	-2.213e+04
183	164	2.288e+04	4.450e+04	0.03	-254.00	0.0	-378.12	-108.55	-428.05	275.53	4.450e+04	2.288e+04
		-2.498e+04	-4.248e+04	0.06	0.0	101.6	-378.12	-235.55	-428.05	275.53	1006.82	5402.56
						203.2	-378.12	-362.55	-428.05	275.53	-4.248e+04	-2.498e+04
183	168	2.284e+04	4.521e+04	0.03	-254.00	0.0	-358.43	-108.09	-433.47	181.75	4.521e+04	2.284e+04
		-2.493e+04	-4.288e+04	0.06	0.0	101.6	-358.43	-235.09	-433.47	181.75	1164.21	5402.54
						203.2	-358.43	-362.09	-433.47	181.75	-4.288e+04	-2.493e+04
184	1	1.140e+04	4.009e+04	2.05e-03	-319.64	0.0	3006.26	292.21	409.04	-3889.49	-4.037e+04	-1.486e+04
		-1.486e+04	-4.037e+04	-0.04	0.0	98.3	3006.26	132.39	409.04	-3889.49	-136.40	6018.40
						196.7	3006.26	-27.43	409.04	-3889.49	4.009e+04	1.118e+04
184	4	1.341e+04	4.172e+04	-3.17e-03	-319.64	0.0	2838.55	313.52	421.04	-3528.40	-4.110e+04	-1.682e+04
		-1.682e+04	-4.110e+04	-0.04	0.0	98.3	2838.55	153.70	421.04	-3528.40	311.32	6151.96
						196.7	2838.55	-6.12	421.04	-3528.40	4.172e+04	1.341e+04
184	8	9167.75	3.163e+04	-1.83e-03	-245.88	0.0	2248.18	229.66	320.12	-2727.93	-3.133e+04	-1.193e+04
		-1.193e+04	-3.133e+04	-0.03	0.0	98.3	2248.18	106.72	320.12	-2727.93	148.73	4612.33
						196.7	2248.18	-16.22	320.12	-2727.93	3.163e+04	9062.85
184	11	1.371e+04	4.145e+04	-3.23e-03	-319.64	0.0	2847.89	315.86	419.40	-3682.72	-4.105e+04	-1.699e+04
		-1.699e+04	-4.105e+04	-0.04	0.0	98.3	2847.89	156.04	419.40	-3682.72	197.43	6217.46
						196.7	2847.89	-3.78	419.40	-3682.72	4.145e+04	1.371e+04
184	133	1.111e+04	4.064e+04	2.00e-03	-245.88	0.0	2719.39	246.25	395.86	-2495.14	-3.722e+04	-1.315e+04
		-1.315e+04	-3.722e+04	-0.04	0.0	98.3	2719.39	123.31	395.86	-2495.14	1711.77	5023.05
						196.7	2719.39	0.38	395.86	-2495.14	4.064e+04	1.111e+04
184	137	1.127e+04	3.866e+04	2.15e-03	-245.88	0.0	2742.16	247.68	376.94	-2350.82	-3.548e+04	-1.326e+04
		-1.326e+04	-3.548e+04	-0.04	0.0	98.3	2742.16	124.74	376.94	-2350.82	1592.07	5050.86
						196.7	2742.16	1.81	376.94	-2350.82	3.866e+04	1.127e+04
184	142	6383.46	2.500e+04	1.63e-03	-245.88	0.0	1894.10	196.64	269.96	-2716.38	-2.810e+04	-9079.41
		-9079.41	-2.810e+04	-0.03	0.0	98.3	1894.10	73.70	269.96	-2716.38	-1551.88	4214.61
						196.7	1894.10	-49.24	269.96	-2716.38	2.500e+04	5417.73
184	143	1.084e+04	3.654e+04	2.03e-03	-245.88	0.0	2766.33	244.46	357.85	-3193.31	-3.385e+04	-1.306e+04
		-1.306e+04	-3.385e+04	-0.04	0.0	98.3	2766.33	121.52	357.85	-3193.31	1346.08	4934.30
						196.7	2766.33	-1.41	357.85	-3193.31	3.654e+04	1.084e+04
184	165	1.043e+04	3.841e+04	1.96e-03	-245.88	0.0	2631.27	240.43	377.30	-2599.23	-3.581e+04	-1.268e+04
		-1.268e+04	-3.581e+04	-0.04	0.0	98.3	2631.27	117.49	377.30	-2599.23	1300.86	4921.47
						196.7	2631.27	-5.44	377.30	-2599.23	3.841e+04	1.043e+04
184	169	1.056e+04	3.688e+04	2.08e-03	-245.88	0.0	2648.88	241.54	362.67	-2487.60	-3.446e+04	-1.277e+04
		-1.277e+04	-3.446e+04	-0.04	0.0	98.3	2648.88	118.60	362.67	-2487.60	1208.27	4942.98
						196.7	2648.88	-4.34	362.67	-2487.60	3.688e+04	1.056e+04
184	174	6797.75	2.631e+04	1.68e-03	-245.88	0.0	1992.85	202.05	279.91	-2770.38	-2.875e+04	-9530.42
		-9530.42	-2.875e+04	-0.03	0.0	98.3	1992.85	79.12	279.91	-2770.38	-1223.77	4296.09
						196.7	1992.85	-43.82	279.91	-2770.38	2.631e+04	6031.70
184	175	1.023e+04	3.523e+04	1.98e-03	-245.88	0.0	2667.58	239.05	347.90	-3139.31	-3.320e+04	-1.261e+04
		-1.261e+04	-3.320e+04	-0.03	0.0	98.3	2667.58	116.11	347.90	-3139.31	1017.98	4852.82
						196.7	2667.58	-6.83	347.90	-3139.31	3.523e+04	1.023e+04
185	1	1.306e+05	1.150e+05	-2.17e-03	-893.90	0.0	2550.70	-512.26	-1849.90	-3.265e+04	1.150e+05	1.306e+05
		-4648.71	-1.459e+05	9.67e-03	0.0	70.5	2550.70	-959.21	-1849.90	-3.265e+04	-1.543e+04	7.876e+04
						141.0	2550.70	-1406.16	-1849.90	-3.265e+04	-1.459e+05	-4648.71
185	3	1.265e+05	1.169e+05	-4.87e-04	-893.90	0.0	2578.99	-857.80	-1818.50	-4.386e+04	1.169e+05	1.265e+05
		-5.755e+04	-1.396e+05	7.96e-03	0.0	70.5	2578.99	-1304.75	-1818.50	-4.386e+04	-1.139e+04	5.022e+04
						141.0	2578.99	-1751.71	-1818.50	-4.386e+04	-1.396e+05	-5.755e+04
185	4	1.265e+05	1.172e+05	6.88e-04	-893.90	0.0	2550.96	-895.83	-1816.87	-4.436e+04	1.172e+05	1.265e+05
		-6.289e+04	-1.391e+05	7.83e-03	0.0	70.5	2550.96	-1342.78	-1816.87	-4.436e+04	-1.096e+04	4.757e+04
						141.0	2550.96	-1789.73	-1816.87	-4.436e+04	-1.391e+05	-6.289e+04
185	9	1.307e+05	1.157e+05	-1.74e-03	-893.90	0.0	2494.63	-588.31	-1846.65	-3.366e+04	1.157e+05	1.307e+05
		-1.532e+04	-1.448e+05	9.41e-03	0.0	70.5	2494.63	-1035.26	-1846.65	-3.366e+04	-1.456e+04	7.346e+04
						141.0	2494.63	-1482.21	-1846.65	-3.366e+04	-1.448e+05	-1.532e+04
185	12	1.022e+05	8.801e+04	-2.46e-03	-687.62	0.0	1937.87	-280.17	-1436.57	-2.091e+04	8.801e+04	1.022e+05
		1.415e+04	-1.146e+05	8.06e-03	0.0	70.5	1937.87	-623.98	-1436.57	-2.091e+04	-1.330e+04	7.028e+04
						141.0	1937.87	-967.79	-1436.57	-2.091e+04	-1.146e+05	1.415e+04
185	122	1.102e+05	1.027e+05	5.27e-04	-687.62	0.0	2634.54	-754.97	-1841.87	-1.863e+04	1.027e+05	1.102e+05
		-4.475e+04	-1.571e+05	9.17e-03	0.0	70.5	2634.54	-1098.78	-1841.87	-1.863e+04	-2.722e+04	4.486e+04
						141.0	2634.54	-1442.59	-1841.87	-1.863e+04	-1.571e+05	-4.475e+04
185	134	1.044e+05	1.039e+05	-5.72e-04	-687.62	0.0	2949.43	-828.47	-1769.99	-2.208e+04	1.039e+05	1.044e+05
		-6.091e+04	-1.458e+05	7.76e-03	0.0	70.5	2949.43	-1172.28	-1769.99	-2.208e+04	-2.094e+04	3.389e+04
						141.0	2949.43	-1516.09	-1769.99	-2.208e+04	-1.458e+05	-6.091e+04
185	142	1.021e+05	1.026e+05	-5.30e-04	-687.62	0.0	3024.85	-852.16	-1730.09	-2.247e+04	1.026e+05	1.021e+05
		-6.654e+04	-1.414e+05	7.68e-03	0.0	70.5	3024.85	-1195.97	-1730.09	-2.247e+04	-1.939e+04	2.993e+04
						141.0	3024.85	-1539.78	-1730.09	-2.247e+04	-1.414e+05	-6.654e+04
185	143	9.942e+04	7.411e+04	-3.15e-03	-687.62	0.0	938.33	91.00	-1117.97	-2.771e+04	7.411e+04	9.857e+04
		6.292e+04	-8.358e+04	7.40e-03	0.0	70.5	938.33	-252.80	-1117.97	-2.771e+04	-4730.96	9.287e+04

						141.0	938.33	-596.61	-1117.97	-2.771e+04	-8.358e+04	6.292e+04
185	154	1.080e+05	9.944e+04	-5.89e-04	-687.62	0.0	2486.69	-670.20	-1747.26	-2.009e+04	9.944e+04	1.080e+05
		-3.503e+04	-1.470e+05	8.78e-03	0.0	70.5	2486.69	-1014.01	-1747.26	-2.009e+04	-2.379e+04	4.861e+04
						141.0	2486.69	-1357.82	-1747.26	-2.009e+04	-1.470e+05	-3.503e+04
185	166	1.035e+05	1.004e+05	-7.87e-04	-687.62	0.0	2730.27	-727.05	-1691.65	-2.276e+04	1.004e+05	1.035e+05
		-4.753e+04	-1.382e+05	7.68e-03	0.0	70.5	2730.27	-1070.86	-1691.65	-2.276e+04	-1.893e+04	4.012e+04
						141.0	2730.27	-1414.67	-1691.65	-2.276e+04	-1.382e+05	-4.753e+04
185	174	1.017e+05	9.940e+04	-7.54e-04	-687.62	0.0	2788.62	-745.37	-1660.78	-2.307e+04	9.940e+04	1.017e+05
		-5.189e+04	-1.349e+05	7.64e-03	0.0	70.5	2788.62	-1089.18	-1660.78	-2.307e+04	-1.773e+04	3.705e+04
						141.0	2788.62	-1432.99	-1660.78	-2.307e+04	-1.349e+05	-5.189e+04
185	175	9.898e+04	7.734e+04	-2.83e-03	-687.62	0.0	1174.56	-15.78	-1187.27	-2.712e+04	7.734e+04	9.898e+04
		4.826e+04	-9.012e+04	7.41e-03	0.0	70.5	1174.56	-359.59	-1187.27	-2.712e+04	-6390.56	8.574e+04
						141.0	1174.56	-703.40	-1187.27	-2.712e+04	-9.012e+04	4.826e+04
186	1	1.189e+05	1.193e+05	-9.32e-03	-893.90	0.0	-65.93	1888.65	644.88	-4.852e+04	5.021e+04	-1.417e+05
		-1.417e+05	5.021e+04	-9.72e-03	0.0	70.5	-65.93	1441.70	644.88	-4.852e+04	8.476e+04	4365.48
						141.0	-65.93	994.75	644.88	-4.852e+04	1.193e+05	1.189e+05
186	4	1.174e+05	1.205e+05	-6.16e-03	-893.90	0.0	-180.18	1617.67	560.06	-6.050e+04	5.892e+04	-9.340e+04
		-9.340e+04	5.892e+04	-0.01	0.0	70.5	-180.18	1170.72	560.06	-6.050e+04	8.970e+04	2.777e+04
						141.0	-180.18	723.77	560.06	-6.050e+04	1.205e+05	1.174e+05
186	5	9.183e+04	9.114e+04	-8.67e-03	-687.62	0.0	28.23	1583.74	531.92	-3.209e+04	3.504e+04	-1.327e+05
		-1.327e+05	3.504e+04	-6.44e-03	0.0	70.5	28.23	1239.93	531.92	-3.209e+04	6.309e+04	-8319.07
						141.0	28.23	896.12	531.92	-3.209e+04	9.114e+04	9.183e+04
186	9	1.194e+05	1.198e+05	-8.80e-03	-893.90	0.0	-122.93	1843.23	643.17	-4.939e+04	5.018e+04	-1.329e+05
		-1.329e+05	5.018e+04	-0.01	0.0	70.5	-122.93	1396.27	643.17	-4.939e+04	8.498e+04	9048.35
						141.0	-122.93	949.32	643.17	-4.939e+04	1.198e+05	1.194e+05
186	11	1.182e+05	1.204e+05	-6.78e-03	-893.90	0.0	-182.96	1669.44	584.40	-5.747e+04	5.629e+04	-1.021e+05
		-1.021e+05	5.629e+04	-0.01	0.0	70.5	-182.96	1222.49	584.40	-5.747e+04	8.836e+04	2.379e+04
						141.0	-182.96	775.54	584.40	-5.747e+04	1.204e+05	1.182e+05
186	12	9.235e+04	9.160e+04	-8.15e-03	-687.62	0.0	-28.77	1538.31	530.22	-3.296e+04	3.501e+04	-1.239e+05
		-1.239e+05	3.501e+04	-6.79e-03	0.0	70.5	-28.77	1194.50	530.22	-3.296e+04	6.331e+04	-3636.20
						141.0	-28.77	850.69	530.22	-3.296e+04	9.160e+04	9.235e+04
186	122	1.038e+05	1.050e+05	-5.51e-03	-687.62	0.0	640.84	1398.25	621.17	-3.494e+04	3.317e+04	-8.627e+04
		-8.627e+04	3.317e+04	-6.21e-03	0.0	70.5	640.84	1054.44	621.17	-3.494e+04	6.910e+04	2.088e+04
						141.0	640.84	710.63	621.17	-3.494e+04	1.050e+05	1.038e+05
186	126	1.032e+05	1.046e+05	-5.46e-03	-687.62	0.0	654.67	1389.73	617.62	-3.500e+04	3.313e+04	-8.533e+04
		-8.533e+04	3.313e+04	-6.20e-03	0.0	70.5	654.67	1045.93	617.62	-3.500e+04	6.888e+04	2.104e+04
						141.0	654.67	702.12	617.62	-3.500e+04	1.046e+05	1.032e+05
186	127	7.940e+04	7.875e+04	-9.02e-03	-687.62	0.0	-721.75	1530.43	372.09	-3.972e+04	4.448e+04	-1.358e+05
		-1.358e+05	4.448e+04	-8.77e-03	0.0	70.5	-721.75	1186.62	372.09	-3.972e+04	6.162e+04	-1.606e+04
						141.0	-721.75	842.81	372.09	-3.972e+04	7.875e+04	7.940e+04
186	129	9.108e+04	8.289e+04	-7.93e-03	-687.62	0.0	-392.98	1663.75	641.17	-3.743e+04	1.216e+04	-1.468e+05
		-1.468e+05	1.216e+04	-5.33e-03	0.0	70.5	-392.98	1319.94	641.17	-3.743e+04	4.752e+04	-1.575e+04
						141.0	-392.98	976.13	641.17	-3.743e+04	8.289e+04	9.108e+04
186	134	9.813e+04	1.062e+05	-5.83e-03	-687.62	0.0	606.33	1266.46	452.20	-3.596e+04	5.647e+04	-6.889e+04
		-6.889e+04	5.647e+04	-8.41e-03	0.0	70.5	606.33	922.65	452.20	-3.596e+04	8.133e+04	2.674e+04
						141.0	606.33	578.84	452.20	-3.596e+04	1.062e+05	9.813e+04
186	143	8.648e+04	7.854e+04	-8.82e-03	-687.62	0.0	-719.50	1682.09	549.33	-3.857e+04	2.128e+04	-1.553e+05
		-1.553e+05	2.128e+04	-6.44e-03	0.0	70.5	-719.50	1338.28	549.33	-3.857e+04	4.991e+04	-2.230e+04
						141.0	-719.50	994.47	549.33	-3.857e+04	7.854e+04	8.648e+04
186	154	1.010e+05	1.020e+05	-5.90e-03	-687.62	0.0	488.14	1412.25	592.56	-3.549e+04	3.445e+04	-9.176e+04
		-9.176e+04	3.445e+04	-6.47e-03	0.0	70.5	488.14	1068.44	592.56	-3.549e+04	6.823e+04	1.672e+04
						141.0	488.14	724.63	592.56	-3.549e+04	1.020e+05	1.010e+05
186	158	1.005e+05	1.017e+05	-5.87e-03	-687.62	0.0	498.83	1405.66	589.82	-3.553e+04	3.442e+04	-9.104e+04
		-9.104e+04	3.442e+04	-6.46e-03	0.0	70.5	498.83	1061.85	589.82	-3.553e+04	6.806e+04	1.684e+04
						141.0	498.83	718.05	589.82	-3.553e+04	1.017e+05	1.005e+05
186	159	8.209e+04	8.168e+04	-8.62e-03	-687.62	0.0	-565.91	1514.50	399.89	-3.919e+04	4.320e+04	-1.300e+05
		-1.300e+05	4.320e+04	-8.44e-03	0.0	70.5	-565.91	1170.69	399.89	-3.919e+04	6.244e+04	-1.186e+04
						141.0	-565.91	826.88	399.89	-3.919e+04	8.168e+04	8.209e+04
186	161	9.112e+04	8.488e+04	-7.78e-03	-687.62	0.0	-311.59	1617.63	608.04	-3.742e+04	1.820e+04	-1.386e+05
		-1.386e+05	1.820e+04	-5.80e-03	0.0	70.5	-311.59	1273.82	608.04	-3.742e+04	5.154e+04	-1.162e+04
						141.0	-311.59	930.01	608.04	-3.742e+04	8.488e+04	9.112e+04
186	166	9.658e+04	1.029e+05	-6.15e-03	-687.62	0.0	461.44	1310.30	461.86	-3.628e+04	5.247e+04	-7.832e+04
		-7.832e+04	5.247e+04	-8.18e-03	0.0	70.5	461.44	966.49	461.86	-3.628e+04	7.769e+04	2.125e+04
						141.0	461.44	622.68	461.86	-3.628e+04	1.029e+05	9.658e+04
186	175	8.757e+04	8.152e+04	-8.46e-03	-687.62	0.0	-564.17	1631.82	536.99	-3.830e+04	2.525e+04	-1.452e+05
		-1.452e+05	2.525e+04	-6.66e-03	0.0	70.5	-564.17	1288.01	536.99	-3.830e+04	5.338e+04	-1.668e+04
						141.0	-564.17	944.20	536.99	-3.830e+04	8.152e+04	8.757e+04
192	4	-3.362e+04	5885.58	-0.18	-243.75	0.0	-3766.45	788.17	-211.01	-2.188e+04	5885.58	-1.336e+05
		-1.336e+05	-8445.45	-7.00e-03	0.0	75.0	-3766.45	666.30	-211.01	-2.188e+04	-1279.94	-7.902e+04
						150.0	-3766.45	544.42	-211.01	-2.188e+04	-8445.45	-3.362e+04
192	7	-2.311e+04	4104.34	-0.12	-187.50	0.0	-2591.42	555.33	-147.55	-1.513e+04	4104.34	-9.235e+04
		-9.235e+04	-6017.68	-5.44e-03	0.0	75.0	-2591.42	461.58	-147.55	-1.513e+04	-956.67	-5.421e+04
						150.0	-2591.42	367.83	-147.55	-1.513e+04	-6017.68	-2.311e+04
192	9	-3.515e+04	5479.97	-0.18	-243.75	0.0	-3937.80	813.65	-215.91	-2.256e+04	5479.97	-1.389e+05
		-1.389e+05	-9094.21	-2.61e-03	0.0	75.0	-3937.80	691.78	-215.91	-2.256e+04	-1807.12	-8.246e+04
						150.0	-3937.80	569.90	-215.91	-2.256e+04	-9094.21	-3.515e+04
192	118	-2.482e+04	3026.58	-0.12	-187.50	0.0	-2740.63	582.76	-154.70	-1.601e+04	3026.58	-9.817e+04

		-9.817e+04	-7498.83	2.61e-03	0.0	75.0	-2740.63	489.01	-154.70	-1.601e+04	-2236.12	-5.798e+04
						150.0	-2740.63	395.26	-154.70	-1.601e+04	-7498.83	-2.482e+04
192	119	-2.396e+04	4935.38	-0.13	-187.50	0.0	-2727.12	572.11	-151.92	-1.557e+04	4935.38	-9.571e+04
		-9.571e+04	-5500.99	-7.37e-03	0.0	75.0	-2727.12	478.36	-151.92	-1.557e+04	-282.80	-5.632e+04
						150.0	-2727.12	384.61	-151.92	-1.557e+04	-5500.99	-2.396e+04
192	137	-2.435e+04	7406.29	-0.12	-187.50	0.0	-2676.55	575.72	-199.35	-1.587e+04	7406.29	-9.664e+04
		-9.664e+04	-9142.06	4.80e-03	0.0	75.0	-2676.55	481.97	-199.35	-1.587e+04	-867.88	-5.698e+04
						150.0	-2676.55	388.22	-199.35	-1.587e+04	-9142.06	-2.435e+04
192	141	-2.434e+04	7518.78	-0.12	-187.50	0.0	-2664.98	575.32	-199.83	-1.588e+04	7518.78	-9.658e+04
		-9.658e+04	-9088.34	4.55e-03	0.0	75.0	-2664.98	481.57	-199.83	-1.588e+04	-784.78	-5.695e+04
						150.0	-2664.98	387.82	-199.83	-1.588e+04	-9088.34	-2.434e+04
192	144	-2.444e+04	443.19	-0.13	-187.50	0.0	-2802.77	579.55	-106.79	-1.570e+04	443.19	-9.731e+04
		-9.731e+04	-3911.48	-9.94e-03	0.0	75.0	-2802.77	485.80	-106.79	-1.570e+04	-1734.15	-5.736e+04
						150.0	-2802.77	392.05	-106.79	-1.570e+04	-3911.48	-2.444e+04
192	150	-2.473e+04	3242.69	-0.12	-187.50	0.0	-2739.10	581.55	-154.38	-1.596e+04	3242.69	-9.790e+04
		-9.790e+04	-7272.63	1.75e-03	0.0	75.0	-2739.10	487.80	-154.38	-1.596e+04	-2014.97	-5.780e+04
						150.0	-2739.10	394.05	-154.38	-1.596e+04	-7272.63	-2.473e+04
192	151	-2.406e+04	4719.27	-0.13	-187.50	0.0	-2728.65	573.32	-152.24	-1.562e+04	4719.27	-9.599e+04
		-9.599e+04	-5727.18	-6.32e-03	0.0	75.0	-2728.65	479.57	-152.24	-1.562e+04	-503.96	-5.651e+04
						150.0	-2728.65	385.82	-152.24	-1.562e+04	-5727.18	-2.406e+04
192	169	-2.436e+04	6630.68	-0.12	-187.50	0.0	-2689.53	576.11	-188.93	-1.586e+04	6630.68	-9.671e+04
		-9.671e+04	-8543.78	3.28e-03	0.0	75.0	-2689.53	482.36	-188.93	-1.586e+04	-956.55	-5.702e+04
						150.0	-2689.53	388.61	-188.93	-1.586e+04	-8543.78	-2.436e+04
192	173	-2.436e+04	6717.69	-0.12	-187.50	0.0	-2680.58	575.80	-189.30	-1.586e+04	6717.69	-9.666e+04
		-9.666e+04	-8502.22	3.10e-03	0.0	75.0	-2680.58	482.05	-189.30	-1.586e+04	-892.27	-5.699e+04
						150.0	-2680.58	388.30	-189.30	-1.586e+04	-8502.22	-2.436e+04
192	176	-2.443e+04	1244.28	-0.13	-187.50	0.0	-2787.17	579.07	-117.32	-1.572e+04	1244.28	-9.723e+04
		-9.723e+04	-4497.60	-8.31e-03	0.0	75.0	-2787.17	485.32	-117.32	-1.572e+04	-1626.66	-5.731e+04
						150.0	-2787.17	391.57	-117.32	-1.572e+04	-4497.60	-2.443e+04
193	1	1.298e+05	2427.20	0.22	-5216.36	0.0	-858.61	2122.42	11.18	8.42	-2778.32	-7.006e+04
		-2.962e+05	-2778.32	-0.06	0.0	232.8	-858.61	-485.76	11.18	8.42	-175.56	1.204e+05
						465.6	-858.61	-3093.94	11.18	8.42	2427.20	-2.962e+05
193	5	9.085e+04	2539.34	0.16	-3612.78	0.0	-629.70	1458.08	11.34	5.95	-2742.83	-4.546e+04
		-2.076e+05	-2742.83	-0.05	0.0	232.8	-629.70	-348.31	11.34	5.95	-101.75	8.372e+04
						465.6	-629.70	-2154.70	11.34	5.95	2539.34	-2.076e+05
193	7	9.151e+04	1446.65	0.16	-3612.78	0.0	-599.97	1450.10	6.36	5.82	-1515.94	-4.341e+04
		-2.093e+05	-1515.94	-0.05	0.0	232.8	-599.97	-356.28	6.36	5.82	-34.65	8.391e+04
						465.6	-599.97	-2162.67	6.36	5.82	1446.65	-2.093e+05
193	9	1.412e+05	2132.93	0.23	-5714.84	0.0	-911.61	2344.43	10.20	9.08	-2615.19	-8.171e+04
		-3.206e+05	-2615.19	-0.06	0.0	232.8	-911.61	-513.00	10.20	9.08	-241.13	1.315e+05
						465.6	-911.61	-3370.42	10.20	9.08	2132.93	-3.206e+05
193	11	1.415e+05	1368.05	0.23	-5714.84	0.0	-890.80	2338.85	6.71	8.99	-1756.37	-8.027e+04
		-3.217e+05	-1756.37	-0.06	0.0	232.8	-890.80	-518.58	6.71	8.99	-194.16	1.316e+05
						465.6	-890.80	-3376.00	6.71	8.99	1368.05	-3.217e+05
193	117	9.540e+04	5672.25	0.17	-3838.76	0.0	-491.80	1578.29	25.20	6.28	-6058.82	-5.504e+04
		-2.139e+05	-6058.82	-0.06	0.0	232.8	-491.80	-341.09	25.20	6.28	-193.29	8.896e+04
						465.6	-491.80	-2260.47	25.20	6.28	5672.25	-2.139e+05
193	123	9.754e+04	-33.80	0.17	-3838.76	0.0	-813.26	1525.54	-0.13	6.04	-33.80	-4.315e+04
		-2.265e+05	-92.36	-0.04	0.0	232.8	-813.26	-393.83	-0.13	6.04	-63.08	8.859e+04
						465.6	-813.26	-2313.21	-0.13	6.04	-92.36	-2.265e+05
193	125	9.531e+04	4636.23	0.17	-3838.76	0.0	-412.19	1582.19	21.37	6.33	-5315.58	-5.593e+04
		-2.129e+05	-5315.58	-0.06	0.0	232.8	-412.19	-337.19	21.37	6.33	-339.68	8.898e+04
						465.6	-412.19	-2256.57	21.37	6.33	4636.23	-2.129e+05
193	128	9.743e+04	1005.34	0.17	-3838.76	0.0	-870.10	1528.10	-3.78	6.12	1005.34	-4.370e+04
		-2.259e+05	-754.58	-0.04	0.0	232.8	-870.10	-391.28	-3.78	6.12	125.38	8.863e+04
						465.6	-870.10	-2310.66	-3.78	6.12	-754.58	-2.259e+05
193	149	9.552e+04	4827.32	0.17	-3838.76	0.0	-525.62	1573.05	21.48	6.27	-5174.88	-5.386e+04
		-2.151e+05	-5174.88	-0.06	0.0	232.8	-525.62	-346.33	21.48	6.27	-173.78	8.893e+04
						465.6	-525.62	-2265.71	21.48	6.27	4827.32	-2.151e+05
193	155	9.720e+04	368.03	0.17	-3838.76	0.0	-774.29	1532.25	1.89	6.08	-514.14	-4.466e+04
		-2.249e+05	-514.14	-0.05	0.0	232.8	-774.29	-387.13	1.89	6.08	-73.06	8.863e+04
						465.6	-774.29	-2306.51	1.89	6.08	368.03	-2.249e+05
193	157	9.544e+04	4025.89	0.17	-3838.76	0.0	-464.03	1576.06	18.53	6.30	-4599.94	-5.455e+04
		-2.144e+05	-4599.94	-0.05	0.0	232.8	-464.03	-343.32	18.53	6.30	-287.02	8.894e+04
						465.6	-464.03	-2262.69	18.53	6.30	4025.89	-2.144e+05
193	160	9.712e+04	289.70	0.17	-3838.76	0.0	-818.26	1534.22	-0.93	6.14	289.70	-4.509e+04
		-2.244e+05	-144.24	-0.04	0.0	232.8	-818.26	-385.16	-0.93	6.14	72.73	8.867e+04
						465.6	-818.26	-2304.53	-0.93	6.14	-144.24	-2.244e+05
194	5	4.033e+05	-2446.07	-1.31	-3884.89	0.0	2922.24	1510.65	48.86	3410.35	-1.721e+04	2.198e+05
		4.047e+04	-1.721e+04	-0.06	0.0	263.0	2922.24	-333.50	48.86	3410.35	-9827.04	3.965e+05
						526.0	2922.24	-2374.24	48.86	3410.35	-2446.07	4.047e+04
194	7	3.989e+05	-4123.45	-1.30	-3884.89	0.0	3009.20	1503.86	44.08	3350.54	-1.697e+04	2.170e+05
		3.402e+04	-1.697e+04	-0.06	0.0	263.0	3009.20	-340.28	44.08	3350.54	-1.055e+04	3.919e+05
						526.0	3009.20	-2381.03	44.08	3350.54	-4123.45	3.402e+04
194	9	6.181e+05	-5100.82	-2.02	-6134.64	0.0	4585.80	2404.67	70.99	5340.70	-2.568e+04	3.221e+05
		5.170e+04	-2.568e+04	-0.08	0.0	263.0	4585.80	-501.84	70.99	5340.70	-1.539e+04	6.082e+05
						526.0	4585.80	-3729.98	70.99	5340.70	-5100.82	5.170e+04

194	11	6.149e+05	-6274.98	-2.01	-6134.64	0.0	4646.67	2399.92	67.64	5298.84	-2.552e+04	3.201e+05
		4.718e+04	-2.552e+04	-0.08	0.0	263.0	4646.67	-506.59	67.64	5298.84	-1.590e+04	6.049e+05
						526.0	4646.67	-3734.73	67.64	5298.84	-6274.98	4.718e+04
194	117	4.256e+05	2504.49	-1.39	-4125.53	0.0	3136.75	1610.86	66.91	3759.32	-1.917e+04	2.288e+05
		4.245e+04	-1.917e+04	-0.06	0.0	263.0	3136.75	-346.27	66.91	3759.32	-8334.94	4.187e+05
						526.0	3136.75	-2514.67	66.91	3759.32	2504.49	4.245e+04
194	122	4.283e+05	-483.71	-1.40	-4125.53	0.0	3081.37	1614.05	56.23	3777.83	-1.779e+04	2.308e+05
		4.610e+04	-1.779e+04	-0.06	0.0	263.0	3081.37	-343.08	56.23	3777.83	-9139.14	4.215e+05
						526.0	3081.37	-2511.48	56.23	3777.83	-483.71	4.610e+04
194	123	4.177e+05	-6303.68	-1.36	-4125.53	0.0	3171.68	1598.15	42.02	3423.61	-1.799e+04	2.238e+05
		3.077e+04	-1.799e+04	-0.06	0.0	263.0	3171.68	-358.99	42.02	3423.61	-1.215e+04	4.103e+05
						526.0	3171.68	-2527.38	42.02	3423.61	-6303.68	3.077e+04
194	137	4.209e+05	2036.79	-1.37	-4125.53	0.0	3167.01	1604.09	68.96	3680.72	-2.034e+04	2.257e+05
		3.574e+04	-2.034e+04	-0.06	0.0	263.0	3167.01	-353.04	68.96	3680.72	-9153.77	4.137e+05
						526.0	3167.01	-2521.44	68.96	3680.72	2036.79	3.574e+04
194	142	4.274e+05	-6226.55	-1.40	-4125.53	0.0	3075.14	1611.97	36.54	3621.56	-1.575e+04	2.304e+05
		4.462e+04	-1.575e+04	-0.06	0.0	263.0	3075.14	-345.16	36.54	3621.56	-1.099e+04	4.205e+05
						526.0	3075.14	-2513.56	36.54	3621.56	-6226.55	4.462e+04
194	143	4.185e+05	-560.84	-1.36	-4125.53	0.0	3177.91	1600.23	61.70	3579.88	-2.003e+04	2.242e+05
		3.225e+04	-2.003e+04	-0.06	0.0	263.0	3177.91	-356.90	61.70	3579.88	-1.030e+04	4.113e+05
						526.0	3177.91	-2525.30	61.70	3579.88	-560.84	3.225e+04
194	149	4.250e+05	1168.92	-1.39	-4125.53	0.0	3134.44	1609.78	62.88	3723.40	-1.888e+04	2.285e+05
		4.154e+04	-1.888e+04	-0.06	0.0	263.0	3134.44	-347.35	62.88	3723.40	-8857.63	4.180e+05
						526.0	3134.44	-2515.75	62.88	3723.40	1168.92	4.154e+04
194	154	4.271e+05	-1142.63	-1.39	-4125.53	0.0	3091.60	1612.25	54.62	3737.72	-1.782e+04	2.300e+05
		4.436e+04	-1.782e+04	-0.06	0.0	263.0	3091.60	-344.88	54.62	3737.72	-9479.73	4.202e+05
						526.0	3091.60	-2513.28	54.62	3737.72	-1142.63	4.436e+04
194	155	4.189e+05	-5644.75	-1.36	-4125.53	0.0	3161.45	1599.95	43.63	3463.71	-1.797e+04	2.246e+05
		3.250e+04	-1.797e+04	-0.06	0.0	263.0	3161.45	-357.18	43.63	3463.71	-1.181e+04	4.116e+05
						526.0	3161.45	-2525.58	43.63	3463.71	-5644.75	3.250e+04
194	169	4.214e+05	807.13	-1.37	-4125.53	0.0	3157.84	1604.54	64.47	3662.61	-1.979e+04	2.261e+05
		3.635e+04	-1.979e+04	-0.06	0.0	263.0	3157.84	-352.59	64.47	3662.61	-9491.05	4.142e+05
						526.0	3157.84	-2520.98	64.47	3662.61	807.13	3.635e+04
194	174	4.264e+05	-5585.09	-1.39	-4125.53	0.0	3086.77	1610.64	39.39	3616.84	-1.624e+04	2.297e+05
		4.322e+04	-1.624e+04	-0.06	0.0	263.0	3086.77	-346.49	39.39	3616.84	-1.091e+04	4.195e+05
						526.0	3086.77	-2514.89	39.39	3616.84	-5585.09	4.322e+04
194	175	4.195e+05	-1202.30	-1.36	-4125.53	0.0	3166.28	1601.56	58.85	3584.60	-1.955e+04	2.249e+05
		3.365e+04	-1.955e+04	-0.06	0.0	263.0	3166.28	-355.57	58.85	3584.60	-1.038e+04	4.123e+05
						526.0	3166.28	-2523.97	58.85	3584.60	-1202.30	3.365e+04
195	7	3.462e+05	1.528e+04	-0.25	-187.49	0.0	-1266.51	4911.67	-169.45	-1.450e+04	1.528e+04	-3.765e+05
		-3.765e+05	-1.014e+04	-3.63e-03	0.0	75.0	-1266.51	4817.92	-169.45	-1.450e+04	2573.32	-1.163e+04
						150.0	-1266.51	4724.18	-169.45	-1.450e+04	-1.014e+04	3.462e+05
195	9	5.140e+05	2.333e+04	-0.36	-243.74	0.0	-1881.91	7285.52	-258.61	-2.174e+04	2.333e+04	-5.605e+05
		-5.605e+05	-1.546e+04	-2.83e-03	0.0	75.0	-1881.91	7163.65	-258.61	-2.174e+04	3933.31	-1.870e+04
						150.0	-1881.91	7041.78	-258.61	-2.174e+04	-1.546e+04	5.140e+05
195	11	5.134e+05	2.344e+04	-0.37	-243.74	0.0	-1787.78	7279.00	-257.49	-2.177e+04	2.344e+04	-5.602e+05
		-5.602e+05	-1.518e+04	-3.86e-03	0.0	75.0	-1787.78	7157.13	-257.49	-2.177e+04	4129.14	-1.883e+04
						150.0	-1787.78	7035.26	-257.49	-2.177e+04	-1.518e+04	5.134e+05
195	122	3.628e+05	1.390e+04	-0.25	-187.49	0.0	-1531.33	5159.20	-161.59	-1.562e+04	1.390e+04	-3.970e+05
		-3.970e+05	-1.034e+04	3.49e-03	0.0	75.0	-1531.33	5065.46	-161.59	-1.562e+04	1782.96	-1.359e+04
						150.0	-1531.33	4971.71	-161.59	-1.562e+04	-1.034e+04	3.628e+05
195	126	3.626e+05	1.346e+04	-0.25	-187.49	0.0	-1532.30	5156.62	-156.04	-1.560e+04	1.346e+04	-3.968e+05
		-3.968e+05	-9949.35	3.00e-03	0.0	75.0	-1532.30	5062.87	-156.04	-1.560e+04	1753.08	-1.357e+04
						150.0	-1532.30	4969.12	-156.04	-1.560e+04	-9949.35	3.626e+05
195	127	3.597e+05	1.859e+04	-0.26	-187.49	0.0	-1214.30	5085.46	-202.00	-1.470e+04	1.859e+04	-3.890e+05
		-3.890e+05	-1.171e+04	-4.79e-03	0.0	75.0	-1214.30	4991.72	-202.00	-1.470e+04	3443.16	-1.116e+04
						150.0	-1214.30	4897.97	-202.00	-1.470e+04	-1.171e+04	3.597e+05
195	134	3.638e+05	1.165e+04	-0.25	-187.49	0.0	-1507.15	5161.79	-128.91	-1.538e+04	1.165e+04	-3.963e+05
		-3.963e+05	-7682.83	-3.09e-03	0.0	75.0	-1507.15	5068.04	-128.91	-1.538e+04	1984.94	-1.273e+04
						150.0	-1507.15	4974.30	-128.91	-1.538e+04	-7682.83	3.638e+05
195	137	3.595e+05	2.147e+04	-0.25	-187.49	0.0	-1294.93	5104.63	-247.38	-1.525e+04	2.147e+04	-3.921e+05
		-3.921e+05	-1.564e+04	6.53e-03	0.0	75.0	-1294.93	5010.89	-247.38	-1.525e+04	2912.16	-1.277e+04
						150.0	-1294.93	4917.14	-247.38	-1.525e+04	-1.564e+04	3.595e+05
195	143	3.590e+05	2.188e+04	-0.26	-187.49	0.0	-1236.20	5088.91	-247.63	-1.500e+04	2.188e+04	-3.902e+05
		-3.902e+05	-1.526e+04	3.03e-03	0.0	75.0	-1236.20	4995.16	-247.63	-1.500e+04	3310.92	-1.207e+04
						150.0	-1236.20	4901.42	-247.63	-1.500e+04	-1.526e+04	3.590e+05
195	154	3.624e+05	1.438e+04	-0.25	-187.49	0.0	-1495.54	5150.56	-165.54	-1.552e+04	1.438e+04	-3.961e+05
		-3.961e+05	-1.045e+04	2.54e-03	0.0	75.0	-1495.54	5056.82	-165.54	-1.552e+04	1967.55	-1.331e+04
						150.0	-1495.54	4963.07	-165.54	-1.552e+04	-1.045e+04	3.624e+05
195	158	3.623e+05	1.404e+04	-0.25	-187.49	0.0	-1496.30	5148.56	-161.24	-1.550e+04	1.404e+04	-3.959e+05
		-3.959e+05	-1.015e+04	2.17e-03	0.0	75.0	-1496.30	5054.81	-161.24	-1.550e+04	1944.43	-1.329e+04
						150.0	-1496.30	4961.07	-161.24	-1.550e+04	-1.015e+04	3.623e+05
195	159	3.600e+05	1.801e+04	-0.26	-187.49	0.0	-1250.30	5093.52	-196.80	-1.480e+04	1.801e+04	-3.899e+05
		-3.899e+05	-1.151e+04	-3.91e-03	0.0	75.0	-1250.30	4999.77	-196.80	-1.480e+04	3251.81	-1.143e+04
						150.0	-1250.30	4906.03	-196.80	-1.480e+04	-1.151e+04	3.600e+05
195	166	3.632e+05	1.264e+04	-0.25	-187.49	0.0	-1476.84	5152.56	-140.26	-1.533e+04	1.264e+04	-3.956e+05
		-3.956e+05	-8394.96	-2.59e-03	0.0	75.0	-1476.84	5058.82	-140.26	-1.533e+04	2123.78	-1.265e+04

					150.0	-1476.84	4965.07	-140.26	-1.533e+04	-8394.96	3.632e+05	
195	169	3.599e+05	2.023e+04	-0.25	-187.49	0.0	-1312.67	5108.35	-231.90	-1.523e+04	2.023e+04	-3.923e+05
		-3.923e+05	-1.455e+04	4.85e-03	0.0	75.0	-1312.67	5014.60	-231.90	-1.523e+04	2841.05	-1.268e+04
						150.0	-1312.67	4920.86	-231.90	-1.523e+04	-1.455e+04	3.599e+05
195	175	3.595e+05	2.056e+04	-0.25	-187.49	0.0	-1267.24	5096.19	-232.09	-1.503e+04	2.056e+04	-3.908e+05
		-3.908e+05	-1.426e+04	2.19e-03	0.0	75.0	-1267.24	5002.44	-232.09	-1.503e+04	3149.51	-1.214e+04
						150.0	-1267.24	4908.69	-232.09	-1.503e+04	-1.426e+04	3.595e+05

Trave	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**N**	**V 2**	**V 3**	**T**
	-2.817e+06	-1.571e+05	-2.02	-5.077e+04	-1.079e+04	-2.465e+04	-1849.90	-1.216e+05
	2.864e+06	1.277e+05	0.23	0.0	7855.36	2.614e+04	1173.71	1.086e+05

Trave f.	**Cmb**	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Pt**	**Pos.**	**N**	**V 2**	**V 3**	**T**	**M 2**	**M 3**
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	3	9.947e+04	690.59	0.37	-2.47	0.0	-242.11	-2515.30	4.09	750.37	-301.28	8.553e+04
		-3.944e+04	-301.28	-0.03		121.2	-242.11	-77.20	4.09	716.21	194.65	-3.944e+04
						242.4	-242.11	3221.90	4.09	825.09	690.59	9.947e+04
1	4	9.962e+04	692.14	0.38	-2.48	0.0	-241.89	-2520.61	4.11	750.23	-303.39	8.570e+04
		-3.951e+04	-303.39	-0.03		121.2	-241.89	-77.17	4.11	715.98	194.38	-3.951e+04
						242.4	-241.89	3226.48	4.11	824.71	692.14	9.962e+04
1	12	6.901e+04	443.68	0.26	-1.69	0.0	-132.70	-1824.43	2.62	490.67	-191.88	6.168e+04
		-2.776e+04	-191.88	-0.02		121.2	-132.70	-45.43	2.62	468.02	125.90	-2.776e+04
						242.4	-132.70	2219.80	2.62	538.84	443.68	6.901e+04
1	116	7.423e+04	450.68	0.28	-1.85	0.0	-161.64	-1853.67	2.22	585.61	-86.96	6.340e+04
		-2.927e+04	-86.96	-0.02		121.2	-161.64	-61.03	2.22	556.64	181.86	-2.927e+04
						242.4	-161.64	2407.68	2.22	638.85	450.68	7.423e+04
1	117	6.895e+04	499.05	0.26	-1.68	0.0	-143.26	-1865.23	3.40	458.57	-324.35	6.261e+04
		-2.800e+04	-324.35	-0.02		121.2	-143.26	-39.99	3.40	439.92	87.35	-2.800e+04
						242.4	-143.26	2210.81	3.40	509.13	499.05	6.895e+04
1	119	7.420e+04	456.33	0.28	-1.85	0.0	-162.57	-1856.17	2.31	581.86	-103.86	6.345e+04
		-2.927e+04	-103.86	-0.02		121.2	-162.57	-60.54	2.31	554.12	176.24	-2.927e+04
						242.4	-162.57	2406.06	2.31	637.06	456.33	7.420e+04
1	125	6.904e+04	505.50	0.26	-1.68	0.0	-143.18	-1863.73	3.33	465.59	-301.68	6.260e+04
		-2.802e+04	-301.68	-0.02		121.2	-143.18	-40.65	3.33	445.85	101.91	-2.802e+04
						242.4	-143.18	2214.90	3.33	515.14	505.50	6.904e+04
1	126	6.906e+04	497.99	0.26	-1.68	0.0	-141.99	-1861.12	3.22	469.60	-281.88	6.255e+04
		-2.801e+04	-281.88	-0.02		121.2	-141.99	-41.14	3.22	448.48	108.05	-2.801e+04
						242.4	-141.99	2216.37	3.22	516.93	497.99	6.906e+04
1	127	7.411e+04	449.89	0.28	-1.85	0.0	-162.64	-1857.67	2.38	574.83	-126.53	6.346e+04
		-2.925e+04	-126.53	-0.02		121.2	-162.64	-59.88	2.38	548.20	161.68	-2.925e+04
						242.4	-162.64	2401.96	2.38	631.04	449.89	7.411e+04
1	148	7.363e+04	455.95	0.28	-1.83	0.0	-159.53	-1854.97	2.35	571.26	-113.51	6.331e+04
		-2.912e+04	-113.51	-0.02		121.2	-159.53	-58.65	2.35	543.44	171.22	-2.912e+04
						242.4	-159.53	2385.37	2.35	624.16	455.95	7.363e+04
1	149	6.955e+04	493.37	0.26	-1.70	0.0	-145.31	-1863.91	3.26	472.98	-297.14	6.270e+04
		-2.815e+04	-297.14	-0.02		121.2	-145.31	-42.37	3.26	453.15	98.11	-2.815e+04
						242.4	-145.31	2233.08	3.26	523.82	493.37	6.955e+04
1	151	7.361e+04	460.32	0.28	-1.83	0.0	-160.25	-1856.90	2.42	568.35	-126.58	6.335e+04
		-2.913e+04	-126.58	-0.02		121.2	-160.25	-58.27	2.42	541.49	166.87	-2.913e+04
						242.4	-160.25	2384.12	2.42	622.77	460.32	7.361e+04
1	157	6.962e+04	498.35	0.26	-1.70	0.0	-145.25	-1862.75	3.21	478.42	-279.61	6.269e+04
		-2.816e+04	-279.61	-0.02		121.2	-145.25	-42.88	3.21	457.73	109.37	-2.816e+04
						242.4	-145.25	2236.25	3.21	528.47	498.35	6.962e+04
1	158	6.964e+04	492.54	0.26	-1.70	0.0	-144.33	-1860.73	3.12	481.51	-264.29	6.266e+04
		-2.815e+04	-264.29	-0.02		121.2	-144.33	-43.26	3.12	459.77	114.13	-2.815e+04
						242.4	-144.33	2237.38	3.12	529.85	492.54	6.964e+04
1	159	7.354e+04	455.33	0.28	-1.83	0.0	-160.30	-1858.06	2.47	562.92	-144.12	6.336e+04
		-2.911e+04	-144.12	-0.02		121.2	-160.30	-57.76	2.47	536.91	155.61	-2.911e+04
						242.4	-160.30	2380.95	2.47	618.12	455.33	7.354e+04
2	3	3.052e+06	5.401e+04	0.03	-1.23	0.0	4895.54	-2231.89	567.68	5.074e+05	-1.180e+05	-1.459e+06
		-1.482e+06	-1.180e+05	8.04e-05		151.6	4895.54	1.470e+04	567.68	5.057e+05	-3.202e+04	-5.278e+05
						303.1	4895.54	3.274e+04	567.68	5.075e+05	5.401e+04	3.052e+06
2	4	3.084e+06	5.317e+04	0.03	-1.23	0.0	4934.00	-2197.28	563.35	5.098e+05	-1.176e+05	-1.465e+06
		-1.487e+06	-1.176e+05	7.93e-05		151.6	4934.00	1.482e+04	563.35	5.081e+05	-3.220e+04	-5.223e+05
						303.1	4934.00	3.297e+04	563.35	5.098e+05	5.317e+04	3.084e+06
2	5	2.130e+06	2.612e+04	0.01	-0.86	0.0	3330.51	-1494.29	315.60	3.453e+05	-6.954e+04	-1.011e+06
		-1.026e+06	-6.954e+04	2.77e-04		151.6	3330.51	1.029e+04	315.60	3.442e+05	-2.171e+04	-3.501e+05
						303.1	3330.51	2.252e+04	315.60	3.454e+05	2.612e+04	2.130e+06
2	113	2.164e+06	1.467e+04	0.01	-0.89	0.0	3414.92	-1809.90	150.47	3.639e+05	-3.094e+04	-1.064e+06
		-1.084e+06	-3.094e+04	9.76e-04		151.6	3414.92	1.056e+04	150.47	3.632e+05	-8132.91	-4.066e+05
						303.1	3414.92	2.345e+04	150.47	3.649e+05	1.467e+04	2.164e+06
2	114	2.190e+06	3.635e+04	0.01	-0.89	0.0	3389.67	-1758.76	299.40	3.643e+05	-5.439e+04	-1.064e+06
		-1.083e+06	-5.439e+04	7.01e-04		151.6	3389.67	1.064e+04	299.40	3.633e+05	-9018.66	-3.969e+05
						303.1	3389.67	2.358e+04	299.40	3.648e+05	3.635e+04	2.190e+06
2	115	2.249e+06	2.650e+04	0.02	-0.89	0.0	3610.21	-1366.78	416.61	3.605e+05	-9.978e+04	-1.043e+06

		-1.055e+06	-9.978e+04	-3.41e-04		151.6	3610.21	1.075e+04	416.61	3.591e+05	-3.664e+04	-3.404e+05
						303.1	3610.21	2.354e+04	416.61	3.601e+05	2.650e+04	2.249e+06
2	128	2.292e+06	4.292e+04	0.02	-0.89	0.0	3563.33	-1260.37	515.66	3.541e+05	-1.134e+05	-1.046e+06
		-1.056e+06	-1.134e+05	-2.63e-04		151.6	3563.33	1.089e+04	515.66	3.525e+05	-3.522e+04	-3.247e+05
						303.1	3563.33	2.375e+04	515.66	3.533e+05	4.292e+04	2.292e+06
2	132	2.275e+06	6.934e+04	0.01	-0.89	0.0	3487.15	-1411.06	646.13	3.625e+05	-1.265e+05	-1.051e+06
		-1.064e+06	-1.265e+05	-4.77e-04		151.6	3487.15	1.086e+04	646.13	3.608e+05	-2.858e+04	-3.427e+05
						303.1	3487.15	2.379e+04	646.13	3.615e+05	6.934e+04	2.275e+06
2	145	2.176e+06	1.847e+04	0.01	-0.89	0.0	3434.17	-1753.94	197.47	3.636e+05	-4.139e+04	-1.062e+06
		-1.080e+06	-4.139e+04	7.96e-04		151.6	3434.17	1.059e+04	197.47	3.627e+05	-1.146e+04	-3.980e+05
						303.1	3434.17	2.347e+04	197.47	3.644e+05	1.847e+04	2.176e+06
2	146	2.196e+06	3.524e+04	0.01	-0.89	0.0	3414.64	-1714.38	312.67	3.638e+05	-5.953e+04	-1.062e+06
		-1.080e+06	-5.953e+04	5.83e-04		151.6	3414.64	1.066e+04	312.67	3.628e+05	-1.215e+04	-3.905e+05
						303.1	3414.64	2.357e+04	312.67	3.643e+05	3.524e+04	2.196e+06
2	147	2.242e+06	2.761e+04	0.01	-0.89	0.0	3585.24	-1411.16	403.34	3.609e+05	-9.464e+04	-1.045e+06
		-1.058e+06	-9.464e+04	-2.23e-04		151.6	3585.24	1.073e+04	403.34	3.596e+05	-3.351e+04	-3.468e+05
						303.1	3585.24	2.355e+04	403.34	3.607e+05	2.761e+04	2.242e+06
2	160	2.275e+06	4.032e+04	0.02	-0.89	0.0	3548.97	-1328.84	479.96	3.560e+05	-1.052e+05	-1.048e+06
		-1.059e+06	-1.052e+05	-1.63e-04		151.6	3548.97	1.085e+04	479.96	3.545e+05	-3.242e+04	-3.347e+05
						303.1	3548.97	2.371e+04	479.96	3.554e+05	4.032e+04	2.275e+06
2	164	2.262e+06	6.075e+04	0.01	-0.89	0.0	3490.04	-1445.41	580.89	3.624e+05	-1.153e+05	-1.052e+06
		-1.065e+06	-1.153e+05	-3.28e-04		151.6	3490.04	1.083e+04	580.89	3.608e+05	-2.728e+04	-3.486e+05
						303.1	3490.04	2.374e+04	580.89	3.617e+05	6.075e+04	2.262e+06
3	4	2.867e+04	-2.040e+04	-0.02	-1.24	0.0	-1410.92	-2.062e+04	-91.29	3.298e+05	-2.040e+04	2.867e+04
		-2.432e+06	-4.778e+04	1.99e-03		150.0	-1410.92	-7644.46	-91.29	3.249e+05	-3.409e+04	-2.082e+06
						300.0	-1410.92	4790.42	-91.29	3.219e+05	-4.778e+04	-2.292e+06
3	7	1.864e+04	-1.614e+04	-0.01	-0.95	0.0	-1066.44	-1.553e+04	-62.76	2.484e+05	-1.614e+04	1.864e+04
		-1.822e+06	-3.496e+04	1.54e-03		150.0	-1066.44	-5696.34	-62.76	2.447e+05	-2.555e+04	-1.565e+06
						300.0	-1066.44	3672.97	-62.76	2.425e+05	-3.496e+04	-1.714e+06
3	9	1.916e+04	-1.181e+04	-0.02	-1.22	0.0	-1439.37	-1.983e+04	-115.99	3.218e+05	-1.181e+04	1.916e+04
		-2.313e+06	-4.660e+04	2.11e-03		150.0	-1439.37	-7173.30	-115.99	3.171e+05	-2.920e+04	-1.995e+06
						300.0	-1439.37	4812.19	-115.99	3.142e+05	-4.660e+04	-2.167e+06
3	11	2.626e+04	-1.733e+04	-0.02	-1.24	0.0	-1424.17	-2.044e+04	-101.81	3.286e+05	-1.733e+04	2.626e+04
		-2.403e+06	-4.787e+04	2.03e-03		150.0	-1424.17	-7528.84	-101.81	3.237e+05	-3.260e+04	-2.061e+06
						300.0	-1424.17	4806.50	-101.81	3.208e+05	-4.787e+04	-2.262e+06
3	12	9752.01	-6840.17	-0.02	-0.93	0.0	-1101.63	-1.481e+04	-91.91	2.421e+05	-6840.17	9752.01
		-1.714e+06	-3.441e+04	1.66e-03		150.0	-1101.63	-5261.94	-91.91	2.385e+05	-2.063e+04	-1.487e+06
						300.0	-1101.63	3708.39	-91.91	2.364e+05	-3.441e+04	-1.598e+06
3	118	1.406e+04	2.481e+04	-0.02	-0.95	0.0	-1162.43	-1.543e+04	-334.17	2.540e+05	2.481e+04	1.406e+04
		-1.794e+06	-7.544e+04	2.54e-03		150.0	-1162.43	-5544.66	-334.17	2.504e+05	-2.532e+04	-1.549e+06
						300.0	-1162.43	3734.21	-334.17	2.483e+05	-7.544e+04	-1.680e+06
3	125	1.620e+04	1.431e+04	-0.02	-0.95	0.0	-1188.20	-1.549e+04	-243.01	2.588e+05	1.431e+04	1.620e+04
		-1.809e+06	-5.859e+04	2.20e-03		150.0	-1188.20	-5615.01	-243.01	2.552e+05	-2.214e+04	-1.557e+06
						300.0	-1188.20	3634.87	-243.01	2.531e+05	-5.859e+04	-1.700e+06
3	133	1.775e+04	-2419.40	-0.02	-0.94	0.0	-1203.17	-1.528e+04	-122.89	2.494e+05	-2419.40	1.775e+04
		-1.791e+06	-3.929e+04	2.11e-03		150.0	-1203.17	-5586.09	-122.89	2.460e+05	-2.085e+04	-1.537e+06
						300.0	-1203.17	3523.51	-122.89	2.440e+05	-3.929e+04	-1.687e+06
3	137	1.705e+04	-7902.69	-0.02	-0.94	0.0	-1241.74	-1.526e+04	-83.20	2.489e+05	-7902.69	1.705e+04
		-1.792e+06	-3.286e+04	1.97e-03		150.0	-1241.74	-5590.51	-83.20	2.454e+05	-2.038e+04	-1.537e+06
						300.0	-1241.74	3501.58	-83.20	2.435e+05	-3.286e+04	-1.689e+06
3	140	9962.41	-1.391e+04	-0.02	-0.93	0.0	-935.73	-1.494e+04	-74.02	2.396e+05	-1.391e+04	9962.41
		-1.726e+06	-3.612e+04	1.24e-03		150.0	-935.73	-5298.06	-74.02	2.358e+05	-2.502e+04	-1.500e+06
						300.0	-935.73	3856.93	-74.02	2.335e+05	-3.612e+04	-1.604e+06
3	150	1.393e+04	1.672e+04	-0.02	-0.95	0.0	-1145.74	-1.536e+04	-276.30	2.518e+05	1.672e+04	1.393e+04
		-1.786e+06	-6.617e+04	2.33e-03		150.0	-1145.74	-5521.93	-276.30	2.481e+05	-2.472e+04	-1.542e+06
						300.0	-1145.74	3721.77	-276.30	2.460e+05	-6.617e+04	-1.672e+06
3	157	1.559e+04	8602.09	-0.02	-0.95	0.0	-1165.68	-1.540e+04	-205.78	2.555e+05	8602.09	1.559e+04
		-1.797e+06	-5.313e+04	2.07e-03		150.0	-1165.68	-5576.35	-205.78	2.519e+05	-2.227e+04	-1.548e+06
						300.0	-1165.68	3644.92	-205.78	2.498e+05	-5.313e+04	-1.688e+06
3	165	1.679e+04	-4341.62	-0.02	-0.94	0.0	-1177.26	-1.524e+04	-112.86	2.483e+05	-4341.62	1.679e+04
		-1.784e+06	-3.820e+04	2.00e-03		150.0	-1177.26	-5553.98	-112.86	2.447e+05	-2.127e+04	-1.533e+06
						300.0	-1177.26	3558.78	-112.86	2.427e+05	-3.820e+04	-1.678e+06
3	169	1.625e+04	-8583.29	-0.02	-0.94	0.0	-1207.09	-1.523e+04	-82.16	2.478e+05	-8583.29	1.625e+04
		-1.784e+06	-3.323e+04	1.89e-03		150.0	-1207.09	-5557.40	-82.16	2.444e+05	-2.091e+04	-1.533e+06
						300.0	-1207.09	3541.81	-82.16	2.424e+05	-3.323e+04	-1.680e+06
3	172	1.077e+04	-1.323e+04	-0.02	-0.93	0.0	-970.38	-1.498e+04	-75.06	2.406e+05	-1.323e+04	1.077e+04
		-1.733e+06	-3.575e+04	1.33e-03		150.0	-970.38	-5331.17	-75.06	2.369e+05	-2.449e+04	-1.504e+06
						300.0	-970.38	3816.70	-75.06	2.346e+05	-3.575e+04	-1.614e+06
4	1	1.124e+06	-7.838e+04	4.08e-03	-1.14	0.0	-3989.11	-9322.73	-18.51	7.926e+05	-7.838e+04	-1.254e+06
		-1.658e+06	-8.422e+04	8.08e-04		157.8	-3989.11	7497.65	-18.51	7.903e+05	-8.130e+04	-1.398e+06
						315.6	-3989.11	2.453e+04	-18.51	7.938e+05	-8.422e+04	1.124e+06
4	4	1.122e+06	-6.000e+04	-0.01	-1.21	0.0	-3722.07	-1.023e+04	119.69	8.598e+05	-9.778e+04	-1.327e+06
		-1.786e+06	-9.778e+04	5.73e-04		157.8	-3722.07	7670.81	119.69	8.574e+05	-7.889e+04	-1.532e+06
						315.6	-3722.07	2.609e+04	119.69	8.613e+05	-6.000e+04	1.122e+06
4	8	8.437e+05	-5.018e+04	-6.90e-03	-0.91	0.0	-2898.90	-7709.97	66.90	6.458e+05	-7.130e+04	-9.983e+05
		-1.344e+06	-7.130e+04	4.78e-04		157.8	-2898.90	5780.43	66.90	6.440e+05	-6.074e+04	-1.153e+06
						315.6	-2898.90	1.960e+04	66.90	6.469e+05	-5.018e+04	8.437e+05

4	9	1.156e+06	-7.979e+04	-4.93e-03	-1.15	0.0	-3983.33	-9375.44	-12.44	8.012e+05	-7.979e+04	-1.265e+06
		-1.669e+06	-8.372e+04	8.03e-04		157.8	-3983.33	7627.51	-12.44	7.988e+05	-8.175e+04	-1.403e+06
						315.6	-3983.33	2.488e+04	-12.44	8.024e+05	-8.372e+04	1.156e+06
4	125	7.479e+05	-5.353e+04	1.72e-03	-0.87	0.0	-3004.51	-7407.70	-94.85	6.126e+05	-5.353e+04	-1.009e+06
		-1.339e+06	-8.346e+04	1.07e-03		157.8	-3004.51	5559.46	-94.85	6.112e+05	-6.849e+04	-1.154e+06
						315.6	-3004.51	1.857e+04	-94.85	6.144e+05	-8.346e+04	7.479e+05
4	128	9.573e+05	-4.488e+04	-5.52e-03	-0.87	0.0	-3111.61	-6968.16	70.81	6.049e+05	-6.723e+04	-9.127e+05
		-1.210e+06	-6.723e+04	2.17e-04		157.8	-3111.61	5879.42	70.81	6.027e+05	-5.606e+04	-1.000e+06
						315.6	-3111.61	1.899e+04	70.81	6.049e+05	-4.488e+04	9.573e+05
4	129	7.838e+05	-3.346e+04	2.32e-03	-0.87	0.0	-3393.39	-7196.54	-225.49	6.028e+05	-3.346e+04	-9.988e+05
		-1.313e+06	-1.046e+05	1.28e-03		157.8	-3393.39	5628.53	-225.49	6.015e+05	-6.904e+04	-1.122e+06
						315.6	-3393.39	1.856e+04	-225.49	6.046e+05	-1.046e+05	7.838e+05
4	132	9.214e+05	-2.372e+04	-4.04e-03	-0.88	0.0	-2722.72	-7179.32	201.46	6.147e+05	-8.730e+04	-9.233e+05
		-1.234e+06	-8.730e+04	1.05e-04		157.8	-2722.72	5810.34	201.46	6.124e+05	-5.551e+04	-1.032e+06
						315.6	-2722.72	1.900e+04	201.46	6.147e+05	-2.372e+04	9.214e+05
4	134	8.746e+05	-3.187e+04	2.77e-03	-0.88	0.0	-2665.10	-7294.71	177.18	6.162e+05	-8.779e+04	-9.489e+05
		-1.267e+06	-8.779e+04	2.95e-04		157.8	-2665.10	5752.72	177.18	6.141e+05	-5.983e+04	-1.070e+06
						315.6	-2665.10	1.894e+04	177.18	6.166e+05	-3.187e+04	8.746e+05
4	135	8.306e+05	-3.297e+04	-3.35e-03	-0.87	0.0	-3451.02	-7081.15	-201.22	6.013e+05	-3.297e+04	-9.733e+05
		-1.280e+06	-9.647e+04	9.61e-04		157.8	-3451.02	5686.16	-201.22	5.998e+05	-6.472e+04	-1.084e+06
						315.6	-3451.02	1.862e+04	-201.22	6.028e+05	-9.647e+04	8.306e+05
4	157	7.716e+05	-5.508e+04	1.88e-03	-0.87	0.0	-3016.63	-7357.94	-76.09	6.117e+05	-5.508e+04	-9.985e+05
		-1.324e+06	-7.909e+04	9.65e-04		157.8	-3016.63	5595.68	-76.09	6.103e+05	-6.709e+04	-1.136e+06
						315.6	-3016.63	1.862e+04	-76.09	6.133e+05	-7.909e+04	7.716e+05
4	160	9.336e+05	-4.925e+04	-4.96e-03	-0.87	0.0	-3099.48	-7017.92	52.06	6.058e+05	-6.568e+04	-9.237e+05
		-1.224e+06	-6.568e+04	2.93e-04		157.8	-3099.48	5843.19	52.06	6.037e+05	-5.747e+04	-1.018e+06
						315.6	-3099.48	1.895e+04	52.06	6.060e+05	-4.925e+04	9.336e+05
4	161	7.994e+05	-3.956e+04	2.46e-03	-0.87	0.0	-3317.46	-7194.59	-177.15	6.041e+05	-3.956e+04	-9.903e+05
		-1.304e+06	-9.547e+04	1.13e-03		157.8	-3317.46	5649.12	-177.15	6.027e+05	-6.751e+04	-1.112e+06
						315.6	-3317.46	1.861e+04	-177.15	6.058e+05	-9.547e+04	7.994e+05
4	164	9.058e+05	-3.288e+04	-3.82e-03	-0.88	0.0	-2798.66	-7181.27	153.12	6.134e+05	-8.120e+04	-9.319e+05
		-1.243e+06	-8.120e+04	1.82e-04		157.8	-2798.66	5789.75	153.12	6.112e+05	-5.704e+04	-1.042e+06
						315.6	-2798.66	1.895e+04	153.12	6.135e+05	-3.288e+04	9.058e+05
4	166	8.696e+05	-3.919e+04	2.84e-03	-0.88	0.0	-2754.08	-7270.53	134.34	6.145e+05	-8.158e+04	-9.516e+05
		-1.268e+06	-8.158e+04	3.59e-04		157.8	-2754.08	5745.18	134.34	6.125e+05	-6.039e+04	-1.072e+06
						315.6	-2754.08	1.891e+04	134.34	6.150e+05	-3.919e+04	8.696e+05
4	167	8.356e+05	-3.917e+04	-3.28e-03	-0.87	0.0	-3362.04	-7105.33	-158.37	6.030e+05	-3.917e+04	-9.705e+05
		-1.279e+06	-8.916e+04	8.82e-04		157.8	-3362.04	5693.69	-158.37	6.014e+05	-6.417e+04	-1.082e+06
						315.6	-3362.04	1.866e+04	-158.37	6.043e+05	-8.916e+04	8.356e+05
8	1	7.808e+05	7.560e+04	0.04	-1.40	0.0	169.58	-3.882e+04	260.02	7.107e+05	-7.779e+04	5.830e+05
		-4.852e+06	-7.779e+04	-1.05e-03		294.9	169.58	829.09	260.02	7.212e+05	-1093.67	-4.852e+06
						589.9	169.58	3.750e+04	260.02	7.505e+05	7.560e+04	7.808e+05
8	4	1.120e+06	8.338e+04	0.03	-1.49	0.0	101.79	-4.185e+04	286.21	7.605e+05	-8.546e+04	6.099e+05
		-5.203e+06	-8.546e+04	-1.16e-03		294.9	101.79	1304.43	286.21	7.674e+05	-1037.16	-5.203e+06
						589.9	101.79	4.180e+04	286.21	7.942e+05	8.338e+04	1.120e+06
8	8	7.838e+05	6.211e+04	0.03	-1.12	0.0	92.26	-3.150e+04	213.96	5.727e+05	-6.411e+04	4.637e+05
		-3.921e+06	-6.411e+04	-8.74e-04		294.9	92.26	895.33	213.96	5.789e+05	-997.30	-3.921e+06
						589.9	92.26	3.116e+04	213.96	6.001e+05	6.211e+04	7.838e+05
8	115	5.823e+05	1.344e+05	0.03	-1.10	0.0	-136.60	-3.045e+04	423.15	5.149e+05	-1.153e+05	4.364e+05
		-3.821e+06	-1.153e+05	-2.32e-03		294.9	-136.60	658.26	423.15	5.253e+05	9556.17	-3.821e+06
						589.9	-136.60	2.929e+04	423.15	5.494e+05	1.344e+05	5.823e+05
8	129	6.602e+05	7.872e+04	0.03	-1.08	0.0	-747.07	-2.980e+04	298.70	5.254e+05	-9.748e+04	3.316e+05
		-3.790e+06	-9.748e+04	-1.63e-04		294.9	-747.07	950.46	298.70	5.340e+05	-9381.46	-3.790e+06
						589.9	-747.07	2.932e+04	298.70	5.566e+05	7.872e+04	6.602e+05
8	131	6.415e+05	1.174e+05	0.03	-1.09	0.0	-749.19	-3.015e+04	405.39	5.118e+05	-1.218e+05	3.443e+05
		-3.831e+06	-1.218e+05	-1.08e-03		294.9	-749.19	911.67	405.39	5.216e+05	-2204.70	-3.831e+06
						589.9	-749.19	2.951e+04	405.39	5.450e+05	1.174e+05	6.415e+05
8	134	5.548e+05	7993.92	0.03	-1.06	0.0	1011.20	-2.956e+04	21.13	5.770e+05	-4469.26	5.548e+05
		-3.629e+06	-4469.26	-8.29e-04		294.9	1011.20	348.85	21.13	5.837e+05	1762.33	-3.629e+06
						589.9	1011.20	2.810e+04	21.13	6.055e+05	7993.92	5.492e+05
8	135	6.453e+05	1.078e+05	0.03	-1.09	0.0	-750.12	-3.010e+04	378.05	5.144e+05	-1.152e+05	3.421e+05
		-3.826e+06	-1.152e+05	-7.99e-04		294.9	-750.12	918.52	378.05	5.241e+05	-3668.55	-3.826e+06
						589.9	-750.12	2.949e+04	378.05	5.474e+05	1.078e+05	6.453e+05
8	147	5.857e+05	1.171e+05	0.03	-1.09	0.0	-76.11	-3.031e+04	372.53	5.219e+05	-1.027e+05	4.391e+05
		-3.800e+06	-1.027e+05	-1.98e-03		294.9	-76.11	652.69	372.53	5.318e+05	7176.48	-3.800e+06
						589.9	-76.11	2.918e+04	372.53	5.555e+05	1.171e+05	5.857e+05
8	161	6.459e+05	7.401e+04	0.03	-1.08	0.0	-548.35	-2.981e+04	276.26	5.300e+05	-8.895e+04	3.581e+05
		-3.776e+06	-8.895e+04	-3.02e-04		294.9	-548.35	878.73	276.26	5.385e+05	-7472.97	-3.776e+06
						589.9	-548.35	2.920e+04	276.26	5.611e+05	7.401e+04	6.459e+05
8	163	6.315e+05	1.039e+05	0.03	-1.09	0.0	-549.99	-3.007e+04	358.79	5.194e+05	-1.077e+05	3.679e+05
		-3.808e+06	-1.077e+05	-1.02e-03		294.9	-549.99	848.73	358.79	5.289e+05	-1921.29	-3.808e+06
						589.9	-549.99	2.935e+04	358.79	5.521e+05	1.039e+05	6.315e+05
8	166	5.601e+05	1.930e+04	0.03	-1.06	0.0	811.78	-2.962e+04	61.54	5.699e+05	-1.700e+04	5.307e+05
		-3.652e+06	-1.700e+04	-8.25e-04		294.9	811.78	413.35	61.54	5.769e+05	1147.45	-3.652e+06
						589.9	811.78	2.826e+04	61.54	5.989e+05	1.930e+04	5.601e+05
8	167	6.344e+05	9.653e+04	0.03	-1.09	0.0	-550.71	-3.004e+04	337.64	5.215e+05	-1.026e+05	3.661e+05
		-3.804e+06	-1.026e+05	-8.00e-04		294.9	-550.71	854.03	337.64	5.308e+05	-3053.68	-3.804e+06

						589.9	-550.71	2.933e+04	337.64	5.540e+05	9.653e+04	6.344e+05
9	4	2.502e+06	2.397e+04	0.03	-1.53	0.0	-578.71	-2.454e+04	-47.17	2.859e+05	2.397e+04	7.183e+05
		-1.403e+06	5096.89	3.78e-05		200.1	-578.71	4154.22	-47.17	3.127e+05	1.453e+04	-1.346e+06
						400.1	-578.71	3.466e+04	-47.17	3.432e+05	5096.89	2.502e+06
9	7	1.812e+06	1.771e+04	0.02	-1.14	0.0	-453.24	-1.822e+04	-34.93	2.060e+05	1.771e+04	4.974e+05
		-1.079e+06	3736.72	-3.36e-05		200.1	-453.24	3061.27	-34.93	2.269e+05	1.072e+04	-1.037e+06
						400.1	-453.24	2.567e+04	-34.93	2.505e+05	3736.72	1.812e+06
9	9	2.186e+06	2.800e+04	0.03	-1.43	0.0	-669.07	-2.228e+04	-75.72	2.442e+05	2.800e+04	5.380e+05
		-1.383e+06	-2292.39	7.14e-05		200.1	-669.07	3843.98	-75.72	2.718e+05	1.286e+04	-1.328e+06
						400.1	-669.07	3.160e+04	-75.72	3.027e+05	-2292.39	2.186e+06
9	12	1.519e+06	2.230e+04	0.02	-1.05	0.0	-547.19	-1.610e+04	-65.87	1.671e+05	2.230e+04	3.266e+05
		-1.060e+06	-4058.50	5.46e-05		200.1	-547.19	2785.31	-65.87	1.888e+05	9118.97	-1.020e+06
						400.1	-547.19	2.283e+04	-65.87	2.127e+05	-4058.50	1.519e+06
9	116	1.656e+06	7.704e+04	0.02	-1.09	0.0	118.53	-1.700e+04	-310.47	1.697e+05	7.704e+04	3.775e+05
		-1.083e+06	-4.718e+04	-1.95e-04		200.1	118.53	2988.72	-310.47	1.918e+05	1.493e+04	-1.041e+06
						400.1	118.53	2.421e+04	-310.47	2.161e+05	-4.718e+04	1.656e+06
9	124	1.658e+06	6.973e+04	0.02	-1.09	0.0	123.94	-1.700e+04	-300.35	1.757e+05	6.973e+04	3.874e+05
		-1.075e+06	-5.044e+04	7.78e-05		200.1	123.94	2966.66	-300.35	1.977e+05	9646.41	-1.033e+06
						400.1	123.94	2.417e+04	-300.35	2.220e+05	-5.044e+04	1.658e+06
9	132	1.522e+06	5.690e+04	0.02	-1.08	0.0	1376.95	-1.713e+04	-253.62	1.752e+05	5.690e+04	4.044e+05
		-1.100e+06	-4.457e+04	-3.10e-04		200.1	1376.95	2581.21	-253.62	1.968e+05	6165.10	-1.067e+06
						400.1	1376.95	2.355e+04	-253.62	2.207e+05	-4.457e+04	1.522e+06
9	133	1.751e+06	4.423e+04	0.02	-1.09	0.0	-2389.03	-1.674e+04	146.23	1.884e+05	-1.428e+04	3.875e+05
		-1.030e+06	-1.428e+04	2.97e-04		200.1	-2389.03	3208.59	146.23	2.097e+05	1.498e+04	-9.820e+05
						400.1	-2389.03	2.434e+04	146.23	2.334e+05	4.423e+04	1.751e+06
9	135	1.788e+06	2.029e+04	0.02	-1.09	0.0	-2346.82	-1.675e+04	21.84	1.849e+05	1.155e+04	3.790e+05
		-1.031e+06	1.155e+04	3.77e-04		200.1	-2346.82	3320.79	21.84	2.065e+05	1.592e+04	-9.798e+05
						400.1	-2346.82	2.458e+04	21.84	2.307e+05	2.029e+04	1.788e+06
9	136	1.523e+06	5.471e+04	0.02	-1.08	0.0	1378.58	-1.712e+04	-250.58	1.771e+05	5.471e+04	4.073e+05
		-1.098e+06	-4.555e+04	-2.29e-04		200.1	1378.58	2574.59	-250.58	1.986e+05	4580.60	-1.065e+06
						400.1	1378.58	2.354e+04	-250.58	2.224e+05	-4.555e+04	1.523e+06
9	148	1.652e+06	6.417e+04	0.02	-1.09	0.0	-22.71	-1.699e+04	-251.98	1.726e+05	6.417e+04	3.820e+05
		-1.079e+06	-3.665e+04	-1.43e-04		200.1	-22.71	2966.72	-251.98	1.946e+05	1.376e+04	-1.037e+06
						400.1	-22.71	2.415e+04	-251.98	2.188e+05	-3.665e+04	1.652e+06
9	156	1.653e+06	5.852e+04	0.02	-1.09	0.0	-18.53	-1.698e+04	-244.15	1.773e+05	5.852e+04	3.897e+05
		-1.072e+06	-3.917e+04	6.65e-05		200.1	-18.53	2949.66	-244.15	1.992e+05	9676.46	-1.031e+06
						400.1	-18.53	2.412e+04	-244.15	2.234e+05	-3.917e+04	1.653e+06
9	164	1.548e+06	4.859e+04	0.02	-1.08	0.0	950.76	-1.708e+04	-208.00	1.769e+05	4.859e+04	4.028e+05
		-1.092e+06	-3.463e+04	-2.32e-04		200.1	950.76	2651.49	-208.00	1.984e+05	6983.45	-1.057e+06
						400.1	950.76	2.364e+04	-208.00	2.223e+05	-3.463e+04	1.548e+06
9	165	1.725e+06	3.407e+04	0.02	-1.09	0.0	-1962.47	-1.678e+04	101.30	1.871e+05	-6465.06	3.898e+05
		-1.038e+06	-6465.06	2.38e-04		200.1	-1962.47	3136.81	101.30	2.084e+05	1.380e+04	-9.914e+05
						400.1	-1962.47	2.425e+04	101.30	2.322e+05	3.407e+04	1.725e+06
9	167	1.754e+06	1.555e+04	0.02	-1.09	0.0	-1929.81	-1.679e+04	5.08	1.844e+05	1.351e+04	3.832e+05
		-1.038e+06	1.351e+04	2.99e-04		200.1	-1929.81	3223.60	5.08	2.060e+05	1.453e+04	-9.897e+05
						400.1	-1929.81	2.443e+04	5.08	2.300e+05	1.555e+04	1.754e+06
9	168	1.549e+06	4.690e+04	0.02	-1.08	0.0	952.01	-1.708e+04	-205.65	1.783e+05	4.690e+04	4.051e+05
		-1.090e+06	-3.538e+04	-1.69e-04		200.1	952.01	2646.37	-205.65	1.998e+05	5757.73	-1.056e+06
						400.1	952.01	2.363e+04	-205.65	2.237e+05	-3.538e+04	1.549e+06
11	1	2.036e+06	3.466e+04	0.09	-1.69	0.0	4147.57	-4.612e+04	-87.73	-3.647e+04	3.466e+04	2.036e+06
		-5.762e+06	-2.009e+04	-9.04e-04		312.0	4147.57	-3324.88	-87.73	-6.210e+04	7284.71	-5.742e+06
						624.0	4147.57	4.706e+04	-87.73	-8.953e+04	-2.009e+04	7.433e+05
11	4	2.470e+06	2.102e+04	0.09	-1.78	0.0	4990.72	-5.045e+04	-62.87	-1.479e+05	2.102e+04	2.470e+06
		-6.117e+06	-1.821e+04	-1.00e-03		312.0	4990.72	-3962.27	-62.87	-1.661e+05	1409.90	-6.081e+06
						624.0	4990.72	5.033e+04	-62.87	-1.891e+05	-1.821e+04	8.003e+05
11	5	1.369e+06	3.275e+04	0.07	-1.26	0.0	2815.91	-3.350e+04	-78.65	2.192e+04	3.275e+04	1.369e+06
		-4.268e+06	-1.633e+04	-6.53e-04		312.0	2815.91	-2269.82	-78.65	-1246.66	8212.45	-4.260e+06
						624.0	2815.91	3.471e+04	-78.65	-2.445e+04	-1.633e+04	5.459e+05
11	121	1.602e+06	8.015e+04	0.07	-1.28	0.0	3599.41	-3.509e+04	-215.39	-1.711e+04	8.015e+04	1.602e+06
		-4.331e+06	-5.425e+04	-1.67e-04		312.0	3599.41	-2536.75	-215.39	-3.609e+04	1.295e+04	-4.316e+06
						624.0	3599.41	3.573e+04	-215.39	-5.611e+04	-5.425e+04	6.081e+05
11	125	1.599e+06	7.328e+04	0.07	-1.29	0.0	3607.40	-3.512e+04	-195.47	-1.945e+04	7.328e+04	1.599e+06
		-4.339e+06	-4.869e+04	-4.16e-04		312.0	3607.40	-2533.65	-195.47	-3.859e+04	1.229e+04	-4.324e+06
						624.0	3607.40	3.581e+04	-195.47	-5.885e+04	-4.869e+04	6.114e+05
11	128	1.526e+06	1.775e+04	0.07	-1.31	0.0	2769.49	-3.574e+04	60.27	-3.554e+04	-1.986e+04	1.526e+06
		-4.516e+06	-1.986e+04	-9.76e-04		312.0	2769.49	-2573.44	60.27	-5.603e+04	-1054.38	-4.500e+06
						624.0	2769.49	3.652e+04	60.27	-7.815e+04	1.775e+04	5.311e+05
11	133	1.587e+06	1.010e+05	0.07	-1.27	0.0	3359.14	-3.486e+04	-268.02	-1.931e+04	1.010e+05	1.587e+06
		-4.316e+06	-6.624e+04	9.73e-04		312.0	3359.14	-2580.76	-268.02	-3.663e+04	1.739e+04	-4.298e+06
						624.0	3359.14	3.526e+04	-268.02	-5.502e+04	-6.624e+04	5.501e+05
11	136	1.538e+06	3.530e+04	0.07	-1.33	0.0	3017.75	-3.601e+04	132.83	-3.568e+04	-4.759e+04	1.538e+06
		-4.539e+06	-4.759e+04	-2.36e-03		312.0	3017.75	-2526.33	132.83	-5.799e+04	-6146.05	-4.527e+06
						624.0	3017.75	3.707e+04	132.83	-8.198e+04	3.530e+04	5.925e+05
11	153	1.593e+06	6.805e+04	0.07	-1.29	0.0	3506.35	-3.516e+04	-181.92	-1.946e+04	6.805e+04	1.593e+06
		-4.353e+06	-4.547e+04	-2.39e-04		312.0	3506.35	-2540.55	-181.92	-3.863e+04	1.129e+04	-4.338e+06
						624.0	3506.35	3.583e+04	-181.92	-5.892e+04	-4.547e+04	5.998e+05
11	157	1.591e+06	6.274e+04	0.07	-1.29	0.0	3512.53	-3.519e+04	-166.51	-2.127e+04	6.274e+04	1.591e+06

		-4.359e+06	-4.117e+04	-4.79e-04		312.0	3512.53	-2538.15	-166.51	-4.057e+04	1.078e+04	-4.344e+06
						624.0	3512.53	3.589e+04	-166.51	-6.104e+04	-4.117e+04	6.023e+05
11	160	1.534e+06	1.023e+04	0.07	-1.31	0.0	2864.35	-3.567e+04	31.32	-3.372e+04	-9314.51	1.534e+06
		-4.496e+06	-9314.51	-9.12e-04		312.0	2864.35	-2568.93	31.32	-5.405e+04	456.98	-4.481e+06
						624.0	2864.35	3.644e+04	31.32	-7.596e+04	1.023e+04	5.402e+05
11	165	1.582e+06	8.419e+04	0.07	-1.28	0.0	3320.49	-3.499e+04	-222.64	-2.116e+04	8.419e+04	1.582e+06
		-4.341e+06	-5.474e+04	5.95e-04		312.0	3320.49	-2574.60	-222.64	-3.905e+04	1.472e+04	-4.324e+06
						624.0	3320.49	3.547e+04	-222.64	-5.807e+04	-5.474e+04	5.549e+05
11	168	1.543e+06	2.380e+04	0.07	-1.32	0.0	3056.40	-3.588e+04	87.44	-3.383e+04	-3.076e+04	1.543e+06
		-4.514e+06	-3.076e+04	-1.99e-03		312.0	3056.40	-2532.49	87.44	-5.557e+04	-3481.74	-4.501e+06
						624.0	3056.40	3.687e+04	87.44	-7.893e+04	2.380e+04	5.877e+05
13	4	3.032e+05	1.777e+05	-0.02	-1.23	0.0	1524.13	-2.110e+04	685.11	1.924e+04	-1.009e+05	-5.483e+05
		-2.512e+06	-1.009e+05	-2.28e-03		203.3	1524.13	1940.91	685.11	2.934e+04	3.840e+04	-2.500e+06
						406.6	1524.13	2.589e+04	685.11	3.980e+04	1.777e+05	3.032e+05
13	5	1.329e+05	1.361e+05	-0.02	-0.88	0.0	451.86	-1.394e+04	525.51	1.611e+05	-7.752e+04	-5.951e+05
		-1.869e+06	-7.752e+04	-1.87e-03		203.3	451.86	1635.95	525.51	1.628e+05	2.931e+04	-1.853e+06
						406.6	451.86	1.813e+04	525.51	1.666e+05	1.361e+05	1.329e+05
13	9	2.326e+05	1.783e+05	-0.02	-1.18	0.0	1040.07	-1.958e+04	687.86	1.219e+05	-1.014e+05	-6.641e+05
		-2.472e+06	-1.014e+05	-2.37e-03		203.3	1040.07	2025.26	687.86	1.274e+05	3.847e+04	-2.456e+06
						406.6	1040.07	2.471e+04	687.86	1.345e+05	1.783e+05	2.326e+05
13	124	1.761e+05	9.961e+04	-0.02	-0.92	0.0	834.53	-1.501e+04	306.14	8.515e+04	-2.487e+04	-5.501e+05
		-1.933e+06	-2.487e+04	-1.36e-03		203.3	834.53	1626.08	306.14	8.893e+04	3.737e+04	-1.918e+06
						406.6	834.53	1.922e+04	306.14	9.381e+04	9.961e+04	1.761e+05
13	126	1.393e+05	2.032e+05	-0.01	-0.89	0.0	412.39	-1.483e+04	877.53	1.292e+05	-1.536e+05	-4.873e+05
		-1.865e+06	-1.536e+05	-2.30e-03		203.3	412.39	1414.39	877.53	1.330e+05	2.476e+04	-1.855e+06
						406.6	412.39	1.841e+04	877.53	1.384e+05	2.032e+05	1.393e+05
13	135	2.184e+05	7.818e+04	-0.01	-0.90	0.0	1071.05	-1.434e+04	245.12	1.006e+05	-2.149e+04	-5.832e+05
		-1.880e+06	-2.149e+04	-1.54e-03		203.3	1071.05	1831.57	245.12	1.050e+05	2.835e+04	-1.860e+06
						406.6	1071.05	1.883e+04	245.12	1.106e+05	7.818e+04	2.184e+05
13	142	1.274e+05	2.083e+05	-0.01	-0.91	0.0	339.43	-1.525e+04	851.05	1.113e+05	-1.378e+05	-4.766e+05
		-1.904e+06	-1.378e+05	-1.85e-03		203.3	339.43	1341.78	851.05	1.147e+05	3.524e+04	-1.896e+06
						406.6	339.43	1.879e+04	851.05	1.195e+05	2.083e+05	1.274e+05
13	143	2.118e+05	6.443e+04	-0.01	-0.89	0.0	1089.48	-1.430e+04	201.08	1.039e+05	-1.733e+04	-5.873e+05
		-1.881e+06	-1.733e+04	-1.80e-03		203.3	1089.48	1826.43	201.08	1.084e+05	2.355e+04	-1.860e+06
						406.6	1089.48	1.878e+04	201.08	1.142e+05	6.443e+04	2.118e+05
13	156	1.746e+05	1.079e+05	-0.02	-0.91	0.0	807.34	-1.496e+04	355.94	9.024e+04	-3.680e+04	-5.460e+05
		-1.923e+06	-3.680e+04	-1.46e-03		203.3	807.34	1616.57	355.94	9.405e+04	3.556e+04	-1.909e+06
						406.6	807.34	1.912e+04	355.94	9.902e+04	1.079e+05	1.746e+05
13	158	1.462e+05	1.880e+05	-0.01	-0.90	0.0	480.78	-1.482e+04	797.94	1.243e+05	-1.364e+05	-4.974e+05
		-1.871e+06	-1.364e+05	-2.19e-03		203.3	480.78	1452.82	797.94	1.281e+05	2.581e+04	-1.861e+06
						406.6	480.78	1.850e+04	797.94	1.335e+05	1.880e+05	1.462e+05
13	167	2.074e+05	9.135e+04	-0.01	-0.90	0.0	990.30	-1.444e+04	308.74	1.022e+05	-3.418e+04	-5.716e+05
		-1.883e+06	-3.418e+04	-1.61e-03		203.3	990.30	1775.53	308.74	1.065e+05	2.858e+04	-1.864e+06
						406.6	990.30	1.882e+04	308.74	1.120e+05	9.135e+04	2.074e+05
13	174	1.370e+05	1.920e+05	-0.01	-0.91	0.0	424.35	-1.514e+04	777.46	1.105e+05	-1.241e+05	-4.891e+05
		-1.901e+06	-1.241e+05	-1.84e-03		203.3	424.35	1396.65	777.46	1.140e+05	3.392e+04	-1.892e+06
						406.6	424.35	1.879e+04	777.46	1.189e+05	1.920e+05	1.370e+05
13	175	2.022e+05	8.071e+04	-0.01	-0.90	0.0	1004.56	-1.441e+04	274.67	1.047e+05	-3.096e+04	-5.747e+05
		-1.884e+06	-3.096e+04	-1.81e-03		203.3	1004.56	1771.56	274.67	1.091e+05	2.488e+04	-1.865e+06
						406.6	1004.56	1.878e+04	274.67	1.148e+05	8.071e+04	2.022e+05
14	1	5.620e+05	6.489e+04	8.45e-03	-1.13	0.0	-4723.18	-2.215e+04	1246.85	-1.850e+04	-2.911e+05	5.620e+05
		-1.719e+06	-2.911e+05	-1.19e-03		142.8	-4723.18	-6825.89	1246.85	-1.538e+04	-1.131e+05	-1.500e+06
						285.5	-4723.18	8139.14	1246.85	-1.235e+04	6.489e+04	-1.404e+06
14	4	6.970e+05	5.754e+04	0.01	-1.21	0.0	-3871.26	-2.347e+04	1098.77	4.862e+04	-2.562e+05	6.970e+05
		-1.653e+06	-2.562e+05	-1.18e-03		142.8	-3871.26	-6773.84	1098.77	5.510e+04	-9.931e+04	-1.455e+06
						285.5	-3871.26	9498.08	1098.77	6.191e+04	5.754e+04	-1.257e+06
14	8	5.064e+05	4.552e+04	7.47e-03	-0.91	0.0	-3172.16	-1.773e+04	871.31	2.583e+04	-2.032e+05	5.064e+05
		-1.286e+06	-2.032e+05	-9.08e-04		142.8	-3172.16	-5236.70	871.31	3.007e+04	-7.886e+04	-1.128e+06
						285.5	-3172.16	6949.47	871.31	3.449e+04	4.552e+04	-1.004e+06
14	120	4.529e+05	1.120e+05	5.58e-03	-0.87	0.0	-3683.43	-1.726e+04	1132.36	-7.362e+04	-2.113e+05	4.529e+05
		-1.341e+06	-2.113e+05	-1.30e-03		142.8	-3683.43	-5418.45	1132.36	-7.072e+04	-4.963e+04	-1.162e+06
						285.5	-3683.43	6188.59	1132.36	-6.826e+04	1.120e+05	-1.106e+06
14	127	4.070e+05	8.715e+04	5.88e-03	-0.87	0.0	-3459.92	-1.709e+04	1101.82	-5.998e+04	-2.274e+05	4.070e+05
		-1.363e+06	-2.274e+05	-1.05e-03		142.8	-3459.92	-5327.92	1101.82	-5.698e+04	-7.014e+04	-1.189e+06
						285.5	-3459.92	6188.39	1101.82	-5.433e+04	8.715e+04	-1.126e+06
14	129	3.834e+05	2.772e+04	7.26e-03	-0.86	0.0	-3393.80	-1.668e+04	1011.47	3.276e+04	-2.611e+05	3.834e+05
		-1.324e+06	-2.611e+05	-7.02e-04		142.8	-3393.80	-5077.10	1011.47	3.501e+04	-1.167e+05	-1.165e+06
						285.5	-3393.80	6223.31	1011.47	3.746e+04	2.772e+04	-1.081e+06
14	142	4.837e+05	6.719e+04	6.09e-03	-0.87	0.0	-4032.74	-1.726e+04	951.49	-3.139e+04	-2.045e+05	4.837e+05
		-1.302e+06	-2.045e+05	-8.95e-04		142.8	-4032.74	-5370.93	951.49	-2.924e+04	-6.863e+04	-1.127e+06
						285.5	-4032.74	6259.03	951.49	-2.727e+04	6.719e+04	-1.062e+06
14	143	3.783e+05	3.231e+04	6.91e-03	-0.86	0.0	-3257.01	-1.676e+04	961.09	5848.55	-2.421e+05	3.783e+05
		-1.345e+06	-2.421e+05	-9.38e-04		142.8	-3257.01	-5145.76	961.09	8453.61	-1.049e+05	-1.181e+06
						285.5	-3257.01	6179.00	961.09	1.111e+04	3.231e+04	-1.105e+06
14	152	4.479e+05	9.791e+04	5.79e-03	-0.87	0.0	-3674.70	-1.720e+04	1092.49	-5.984e+04	-2.140e+05	4.479e+05
		-1.337e+06	-2.140e+05	-1.21e-03		142.8	-3674.70	-5382.20	1092.49	-5.706e+04	-5.804e+04	-1.160e+06
						285.5	-3674.70	6195.48	1092.49	-5.463e+04	9.791e+04	-1.101e+06

14	159	4.125e+05	7.868e+04	6.02e-03	-0.87	0.0	-3501.80	-1.707e+04	1068.87	-4.929e+04	-2.265e+05	4.125e+05
		-1.354e+06	-2.265e+05	-1.02e-03		142.8	-3501.80	-5312.17	1068.87	-4.643e+04	-7.390e+04	-1.181e+06
						285.5	-3501.80	6195.33	1068.87	-4.386e+04	7.868e+04	-1.117e+06
14	161	3.941e+05	3.271e+04	7.08e-03	-0.86	0.0	-3450.65	-1.675e+04	998.98	2.245e+04	-2.525e+05	3.941e+05
		-1.324e+06	-2.525e+05	-7.50e-04		142.8	-3450.65	-5118.14	998.98	2.473e+04	-1.099e+05	-1.162e+06
						285.5	-3450.65	6222.34	998.98	2.715e+04	3.271e+04	-1.081e+06
14	174	4.718e+05	6.324e+04	6.18e-03	-0.87	0.0	-3944.91	-1.720e+04	952.57	-2.718e+04	-2.087e+05	4.718e+05
		-1.307e+06	-2.087e+05	-9.00e-04		142.8	-3944.91	-5345.44	952.57	-2.497e+04	-7.274e+04	-1.133e+06
						285.5	-3944.91	6249.97	952.57	-2.292e+04	6.324e+04	-1.067e+06
14	175	3.902e+05	3.625e+04	6.82e-03	-0.86	0.0	-3344.84	-1.682e+04	960.00	1631.93	-2.378e+05	3.902e+05
		-1.340e+06	-2.378e+05	-9.33e-04		142.8	-3344.84	-5171.26	960.00	4185.71	-1.008e+05	-1.175e+06
						285.5	-3344.84	6188.06	960.00	6764.88	3.625e+04	-1.100e+06
15	1	1.927e+06	8.568e+04	-5.05e-03	-1.15	0.0	-1.117e+04	-2.471e+04	-2691.87	1.018e+06	8.568e+04	1.927e+06
		-2.441e+05	-2.387e+05	1.98e-04		60.2	-1.117e+04	-1.800e+04	-2691.87	1.018e+06	-7.651e+04	6.408e+05
						120.5	-1.117e+04	-1.139e+04	-2691.87	1.018e+06	-2.387e+05	-2.441e+05
15	4	2.148e+06	7.369e+04	-5.52e-03	-1.22	0.0	-1.086e+04	-2.660e+04	-2527.38	1.072e+06	7.369e+04	2.148e+06
		-1.784e+05	-2.309e+05	1.39e-04		60.2	-1.086e+04	-1.929e+04	-2527.38	1.073e+06	-7.859e+04	7.662e+05
						120.5	-1.086e+04	-1.208e+04	-2527.38	1.075e+06	-2.309e+05	-1.784e+05
15	8	1.600e+06	5.889e+04	-4.15e-03	-0.92	0.0	-8387.65	-1.999e+04	-1975.22	7.961e+05	5.889e+04	1.600e+06
		-1.510e+05	-1.791e+05	1.17e-04		60.2	-8387.65	-1.452e+04	-1975.22	7.966e+05	-6.012e+04	5.608e+05
						120.5	-8387.65	-9119.27	-1975.22	7.979e+05	-1.791e+05	-1.510e+05
15	128	1.487e+06	6.259e+04	-3.48e-03	-0.88	0.0	-8735.08	-1.898e+04	-2151.07	8.170e+05	6.259e+04	1.487e+06
		-1.785e+05	-1.966e+05	4.22e-05		60.2	-8735.08	-1.381e+04	-2151.07	8.170e+05	-6.701e+04	4.993e+05
						120.5	-8735.08	-8699.88	-2151.07	8.179e+05	-1.966e+05	-1.785e+05
15	137	1.429e+06	1.097e+05	-4.36e-03	-0.88	0.0	-8094.96	-1.885e+04	-2376.44	7.460e+05	1.097e+05	1.429e+06
		-2.302e+05	-1.767e+05	2.75e-04		60.2	-8094.96	-1.376e+04	-2376.44	7.457e+05	-3.351e+04	4.471e+05
						120.5	-8094.96	-8738.95	-2376.44	7.462e+05	-1.767e+05	-2.302e+05
15	141	1.430e+06	1.058e+05	-4.35e-03	-0.88	0.0	-8087.58	-1.883e+04	-2339.12	7.421e+05	1.058e+05	1.430e+06
		-2.276e+05	-1.761e+05	2.42e-04		60.2	-8087.58	-1.374e+04	-2339.12	7.418e+05	-3.513e+04	4.489e+05
						120.5	-8087.58	-8727.10	-2339.12	7.423e+05	-1.761e+05	-2.276e+05
15	142	1.531e+06	1.985e+04	-3.60e-03	-0.89	0.0	-9053.80	-1.911e+04	-1691.25	7.802e+05	1.985e+04	1.531e+06
		-1.474e+05	-1.839e+05	1.25e-04		60.2	-9053.80	-1.392e+04	-1691.25	7.799e+05	-8.205e+04	5.365e+05
						120.5	-9053.80	-8792.96	-1691.25	7.804e+05	-1.839e+05	-1.474e+05
15	143	1.426e+06	1.116e+05	-4.18e-03	-0.88	0.0	-8096.56	-1.882e+04	-2446.69	7.652e+05	1.116e+05	1.426e+06
		-2.290e+05	-1.832e+05	1.79e-04		60.2	-8096.56	-1.372e+04	-2446.69	7.651e+05	-3.577e+04	4.459e+05
						120.5	-8096.56	-8694.78	-2446.69	7.658e+05	-1.832e+05	-2.290e+05
15	144	1.527e+06	2.569e+04	-3.42e-03	-0.89	0.0	-9062.78	-1.909e+04	-1798.82	8.033e+05	2.569e+04	1.527e+06
		-1.488e+05	-1.911e+05	6.99e-05		60.2	-9062.78	-1.390e+04	-1798.82	8.032e+05	-8.269e+04	5.335e+05
						120.5	-9062.78	-8760.64	-1798.82	8.039e+05	-1.911e+05	-1.488e+05
15	160	1.485e+06	6.331e+04	-3.58e-03	-0.88	0.0	-8698.88	-1.898e+04	-2132.48	8.070e+05	6.331e+04	1.485e+06
		-1.807e+05	-1.937e+05	6.33e-05		60.2	-8698.88	-1.381e+04	-2132.48	8.069e+05	-6.518e+04	4.974e+05
						120.5	-8698.88	-8709.84	-2132.48	8.078e+05	-1.937e+05	-1.807e+05
15	169	1.440e+06	9.973e+04	-4.25e-03	-0.88	0.0	-8203.70	-1.887e+04	-2306.82	7.520e+05	9.973e+04	1.440e+06
		-2.207e+05	-1.782e+05	2.47e-04		60.2	-8203.70	-1.377e+04	-2306.82	7.517e+05	-3.926e+04	4.571e+05
						120.5	-8203.70	-8740.07	-2306.82	7.523e+05	-1.782e+05	-2.207e+05
15	173	1.441e+06	9.673e+04	-4.25e-03	-0.88	0.0	-8197.99	-1.886e+04	-2277.95	7.490e+05	9.673e+04	1.441e+06
		-2.186e+05	-1.778e+05	2.22e-04		60.2	-8197.99	-1.376e+04	-2277.95	7.487e+05	-4.052e+04	4.585e+05
						120.5	-8197.99	-8730.90	-2277.95	7.493e+05	-1.778e+05	-2.186e+05
15	174	1.519e+06	3.024e+04	-3.66e-03	-0.89	0.0	-8945.42	-1.908e+04	-1776.78	7.785e+05	3.024e+04	1.519e+06
		-1.566e+05	-1.839e+05	1.30e-04		60.2	-8945.42	-1.390e+04	-1776.78	7.782e+05	-7.681e+04	5.263e+05
						120.5	-8945.42	-8781.84	-1776.78	7.787e+05	-1.839e+05	-1.566e+05
15	175	1.438e+06	1.012e+05	-4.11e-03	-0.88	0.0	-8204.94	-1.885e+04	-2361.16	7.669e+05	1.012e+05	1.438e+06
		-2.197e+05	-1.833e+05	1.73e-04		60.2	-8204.94	-1.374e+04	-2361.16	7.668e+05	-4.101e+04	4.561e+05
						120.5	-8204.94	-8705.90	-2361.16	7.674e+05	-1.833e+05	-2.197e+05
15	176	1.516e+06	3.476e+04	-3.53e-03	-0.89	0.0	-8952.37	-1.906e+04	-1859.99	7.964e+05	3.476e+04	1.516e+06
		-1.577e+05	-1.894e+05	8.58e-05		60.2	-8952.37	-1.388e+04	-1859.99	7.962e+05	-7.730e+04	5.239e+05
						120.5	-8952.37	-8756.84	-1859.99	7.969e+05	-1.894e+05	-1.577e+05
16	4	1.935e+06	1.951e+05	-2.33e-03	-1.24	0.0	-1.213e+04	1.477e+04	-2218.66	-2.508e+06	1.951e+05	3.722e+05
		3.722e+05	1.876e+04	7.16e-05		39.8	-1.213e+04	1.966e+04	-2218.66	-2.506e+06	1.069e+05	1.057e+06
						79.5	-1.213e+04	2.453e+04	-2218.66	-2.505e+06	1.876e+04	1.935e+06
16	5	1.258e+06	1.170e+05	-1.61e-03	-0.86	0.0	-9562.82	9528.16	-1408.33	-1.743e+06	1.170e+05	2.417e+05
		2.417e+05	5071.06	1.05e-04		39.8	-9562.82	1.279e+04	-1408.33	-1.742e+06	6.105e+04	6.853e+05
						79.5	-9562.82	1.602e+04	-1408.33	-1.743e+06	5071.06	1.258e+06
16	7	1.429e+06	1.433e+05	-1.76e-03	-0.93	0.0	-9323.02	1.086e+04	-1651.15	-1.852e+06	1.433e+05	2.767e+05
		2.767e+05	1.202e+04	6.42e-05		39.8	-9323.02	1.450e+04	-1651.15	-1.851e+06	7.765e+04	7.808e+05
						79.5	-9323.02	1.811e+04	-1651.15	-1.850e+06	1.202e+04	1.429e+06
16	9	1.779e+06	1.700e+05	-2.18e-03	-1.18	0.0	-1.239e+04	1.356e+04	-1982.73	-2.424e+06	1.700e+05	3.395e+05
		3.395e+05	1.238e+04	1.12e-04		39.8	-1.239e+04	1.810e+04	-1982.73	-2.423e+06	9.120e+04	9.689e+05
						79.5	-1.239e+04	2.263e+04	-1982.73	-2.423e+06	1.238e+04	1.779e+06
16	117	1.331e+06	8.789e+04	-1.96e-03	-0.89	0.0	-9198.83	1.015e+04	-1930.18	-1.737e+06	8.789e+04	2.516e+05
		2.516e+05	-6.556e+04	2.65e-04		39.8	-9198.83	1.358e+04	-1930.18	-1.736e+06	1.116e+04	7.233e+05
						79.5	-9198.83	1.699e+04	-1930.18	-1.737e+06	-6.556e+04	1.331e+06
16	137	1.327e+06	8.520e+04	-2.02e-03	-0.89	0.0	-8930.79	1.008e+04	-1799.23	-1.748e+06	8.520e+04	2.546e+05
		2.546e+05	-5.784e+04	1.75e-04		39.8	-8930.79	1.350e+04	-1799.23	-1.747e+06	1.368e+04	7.232e+05
						79.5	-8930.79	1.689e+04	-1799.23	-1.748e+06	-5.784e+04	1.327e+06
16	140	1.356e+06	1.730e+05	-1.33e-03	-0.90	0.0	-1.004e+04	1.032e+04	-1234.67	-1.875e+06	1.730e+05	2.608e+05
		2.608e+05	7.479e+04	-1.79e-05		39.8	-1.004e+04	1.378e+04	-1234.67	-1.874e+06	1.239e+05	7.398e+05

						79.5	-1.004e+04	1.723e+04	-1234.67	-1.874e+06	7.479e+04	1.356e+06
16	149	1.334e+06	9.721e+04	-1.89e-03	-0.89	0.0	-9263.21	1.016e+04	-1836.61	-1.754e+06	9.721e+04	2.530e+05
		2.530e+05	-4.880e+04	2.25e-04		39.8	-9263.21	1.359e+04	-1836.61	-1.753e+06	2.421e+04	7.252e+05
						79.5	-9263.21	1.701e+04	-1836.61	-1.753e+06	-4.880e+04	1.334e+06
16	169	1.330e+06	9.514e+04	-1.94e-03	-0.89	0.0	-9055.87	1.011e+04	-1735.31	-1.763e+06	9.514e+04	2.553e+05
		2.553e+05	-4.282e+04	1.55e-04		39.8	-9055.87	1.353e+04	-1735.31	-1.762e+06	2.616e+04	7.251e+05
						79.5	-9055.87	1.693e+04	-1735.31	-1.762e+06	-4.282e+04	1.330e+06
16	172	1.353e+06	1.630e+05	-1.41e-03	-0.90	0.0	-9910.44	1.029e+04	-1298.59	-1.860e+06	1.630e+05	2.601e+05
		2.601e+05	5.978e+04	1.91e-05		39.8	-9910.44	1.375e+04	-1298.59	-1.859e+06	1.114e+05	7.379e+05
						79.5	-9910.44	1.720e+04	-1298.59	-1.859e+06	5.978e+04	1.353e+06
17	1	2.215e+06	1.287e+05	0.01	-1.19	0.0	-9896.58	-2.626e+04	745.53	4.545e+05	-1.144e+05	2.215e+06
		-7.177e+05	-1.144e+05	-2.62e-04		163.0	-9896.58	-7120.84	745.53	4.559e+05	7139.88	-4.979e+05
						326.0	-9896.58	1.152e+04	745.53	4.609e+05	1.287e+05	-1.339e+05
17	4	2.421e+06	1.420e+05	0.01	-1.27	0.0	-9467.59	-2.859e+04	860.72	4.780e+05	-1.386e+05	2.421e+06
		-7.720e+05	-1.386e+05	-4.84e-04		163.0	-9467.59	-7748.91	860.72	4.828e+05	1680.48	-5.332e+05
						326.0	-9467.59	1.256e+04	860.72	4.915e+05	1.420e+05	-1.345e+05
17	8	1.814e+06	1.045e+05	8.26e-03	-0.96	0.0	-7353.07	-2.142e+04	626.46	3.570e+05	-9.973e+04	1.814e+06
		-5.786e+05	-9.973e+04	-3.22e-04		163.0	-7353.07	-5810.10	626.46	3.601e+05	2386.28	-3.993e+05
						326.0	-7353.07	9400.85	626.46	3.660e+05	1.045e+05	-1.020e+05
17	120	1.670e+06	1.274e+05	6.74e-03	-0.91	0.0	-8019.26	-1.998e+04	940.29	3.403e+05	-1.791e+05	1.670e+06
		-5.527e+05	-1.791e+05	-9.38e-04		163.0	-8019.26	-5355.22	940.29	3.424e+05	-2.586e+04	-3.904e+05
						326.0	-8019.26	8938.83	940.29	3.471e+05	1.274e+05	-9.463e+04
17	137	1.649e+06	7.852e+04	9.41e-03	-0.92	0.0	-6972.21	-1.998e+04	300.14	3.450e+05	-1.933e+04	1.649e+06
		-5.648e+05	-1.933e+04	1.95e-04		163.0	-6972.21	-5299.58	300.14	3.458e+05	2.960e+04	-4.057e+05
						326.0	-6972.21	8933.53	300.14	3.492e+05	7.852e+04	-1.042e+05
17	138	1.785e+06	1.015e+05	6.80e-03	-0.92	0.0	-8085.21	-2.046e+04	639.42	3.514e+05	-1.070e+05	1.785e+06
		-5.301e+05	-1.070e+05	-1.73e-04		163.0	-8085.21	-5741.22	639.42	3.523e+05	-2772.10	-3.453e+05
						326.0	-8085.21	8637.48	639.42	3.560e+05	1.015e+05	-1.054e+05
17	139	1.617e+06	9.420e+04	8.96e-03	-0.92	0.0	-7121.56	-1.984e+04	493.81	3.410e+05	-6.678e+04	1.617e+06
		-5.696e+05	-6.678e+04	-2.27e-04		163.0	-7121.56	-5192.77	493.81	3.422e+05	1.371e+04	-4.168e+05
						326.0	-7121.56	9024.80	493.81	3.462e+05	9.420e+04	-9.943e+04
17	140	1.754e+06	1.171e+05	6.35e-03	-0.91	0.0	-8234.57	-2.031e+04	833.09	3.473e+05	-1.544e+05	1.754e+06
		-5.350e+05	-1.544e+05	-5.82e-04		163.0	-8234.57	-5634.40	833.09	3.488e+05	-1.866e+04	-3.564e+05
						326.0	-8234.57	8728.75	833.09	3.530e+05	1.171e+05	-1.006e+05
17	152	1.677e+06	1.207e+05	7.00e-03	-0.91	0.0	-7925.09	-2.002e+04	855.68	3.417e+05	-1.582e+05	1.677e+06
		-5.521e+05	-1.582e+05	-7.70e-04		163.0	-7925.09	-5380.53	855.68	3.435e+05	-1.876e+04	-3.883e+05
						326.0	-7925.09	8914.45	855.68	3.480e+05	1.207e+05	-9.638e+04
17	169	1.660e+06	8.289e+04	9.06e-03	-0.92	0.0	-7115.13	-2.002e+04	360.48	3.453e+05	-3.462e+04	1.660e+06
		-5.614e+05	-3.462e+04	1.07e-04		163.0	-7115.13	-5337.49	360.48	3.461e+05	2.413e+04	-4.001e+05
						326.0	-7115.13	8910.35	360.48	3.497e+05	8.289e+04	-1.038e+05
17	170	1.766e+06	1.006e+05	7.05e-03	-0.92	0.0	-7976.11	-2.039e+04	622.93	3.502e+05	-1.024e+05	1.766e+06
		-5.346e+05	-1.024e+05	-1.79e-04		163.0	-7976.11	-5679.12	622.93	3.512e+05	-905.56	-3.534e+05
						326.0	-7976.11	8681.34	622.93	3.549e+05	1.006e+05	-1.047e+05
17	171	1.636e+06	9.503e+04	8.71e-03	-0.92	0.0	-7230.66	-1.991e+04	510.29	3.421e+05	-7.133e+04	1.636e+06
		-5.651e+05	-7.133e+04	-2.21e-04		163.0	-7230.66	-5254.86	510.29	3.434e+05	1.185e+04	-4.087e+05
						326.0	-7230.66	8980.94	510.29	3.473e+05	9.503e+04	-1.001e+05
17	172	1.742e+06	1.128e+05	6.70e-03	-0.91	0.0	-8091.64	-2.027e+04	772.75	3.471e+05	-1.392e+05	1.742e+06
		-5.383e+05	-1.392e+05	-4.94e-04		163.0	-8091.64	-5596.50	772.75	3.485e+05	-1.319e+04	-3.620e+05
						326.0	-8091.64	8751.93	772.75	3.526e+05	1.128e+05	-1.010e+05
18	1	1.939e+06	-7726.25	3.27e-03	-1.22	0.0	-5077.14	2.753e+04	-565.30	-1.273e+06	-7726.25	-3.242e+06
		-3.242e+06	-8.879e+04	1.42e-04		71.7	-5077.14	3.614e+04	-565.30	-1.270e+06	-4.826e+04	-9.592e+05
						143.4	-5077.14	4.469e+04	-565.30	-1.270e+06	-8.879e+04	1.939e+06
18	4	2.115e+06	7278.16	3.37e-03	-1.31	0.0	-4239.17	2.912e+04	-733.26	-1.430e+06	7278.16	-3.403e+06
		-3.403e+06	-9.787e+04	9.23e-05		71.7	-4239.17	3.849e+04	-733.26	-1.425e+06	-4.530e+04	-9.785e+05
						143.4	-4239.17	4.780e+04	-733.26	-1.423e+06	-9.787e+04	2.115e+06
18	8	1.587e+06	2606.29	-2.57e-03	-0.98	0.0	-3439.02	2.201e+04	-517.79	-1.050e+06	2606.29	-2.575e+06
		-2.575e+06	-7.164e+04	7.73e-05		71.7	-3439.02	2.903e+04	-517.79	-1.047e+06	-3.452e+04	-7.451e+05
						143.4	-3439.02	3.600e+04	-517.79	-1.046e+06	-7.164e+04	1.587e+06
18	118	1.550e+06	3865.64	-2.49e-03	-0.94	0.0	-3752.39	2.156e+04	421.32	-9.358e+05	-5.655e+04	-2.491e+06
		-2.491e+06	-5.655e+04	1.78e-04		71.7	-3752.39	2.819e+04	421.32	-9.342e+05	-2.634e+04	-7.075e+05
						143.4	-3752.39	3.478e+04	421.32	-9.340e+05	3865.64	1.550e+06
18	119	1.428e+06	4.482e+04	-2.54e-03	-0.94	0.0	-4065.16	2.072e+04	-1277.46	-1.003e+06	4.482e+04	-2.486e+06
		-2.486e+06	-1.384e+05	4.83e-05		71.7	-4065.16	2.730e+04	-1277.46	-1.000e+06	-4.677e+04	-7.637e+05
						143.4	-4065.16	3.383e+04	-1277.46	-9.991e+05	-1.384e+05	1.428e+06
18	120	1.439e+06	6.673e+04	2.10e-03	-0.93	0.0	-4329.46	2.077e+04	-1267.84	-1.007e+06	6.673e+04	-2.478e+06
		-2.478e+06	-1.151e+05	2.09e-05		71.7	-4329.46	2.732e+04	-1267.84	-1.004e+06	-2.417e+04	-7.542e+05
						143.4	-4329.46	3.384e+04	-1267.84	-1.003e+06	-1.151e+05	1.439e+06
18	137	1.488e+06	-6.086e+04	-3.30e-03	-0.94	0.0	-3381.71	2.119e+04	-190.72	-9.513e+05	-6.086e+04	-2.503e+06
		-2.503e+06	-8.821e+04	1.76e-04		71.7	-3381.71	2.784e+04	-190.72	-9.494e+05	-7.454e+04	-7.446e+05
						143.4	-3381.71	3.442e+04	-190.72	-9.489e+05	-8.821e+04	1.488e+06
18	140	1.491e+06	4.914e+04	-1.73e-03	-0.93	0.0	-4435.84	2.109e+04	-665.42	-9.873e+05	4.914e+04	-2.475e+06
		-2.475e+06	-4.628e+04	3.82e-05		71.7	-4435.84	2.766e+04	-665.42	-9.850e+05	1426.81	-7.267e+05
						143.4	-4435.84	3.419e+04	-665.42	-9.842e+05	-4.628e+04	1.491e+06
18	150	1.537e+06	-1.224e+04	-2.50e-03	-0.94	0.0	-3787.80	2.146e+04	228.99	-9.434e+05	-4.507e+04	-2.491e+06
		-2.491e+06	-4.507e+04	1.62e-04		71.7	-3787.80	2.809e+04	228.99	-9.417e+05	-2.866e+04	-7.139e+05
						143.4	-3787.80	3.468e+04	228.99	-9.414e+05	-1.224e+04	1.537e+06
18	151	1.442e+06	3.335e+04	-2.53e-03	-0.94	0.0	-4029.75	2.082e+04	-1085.12	-9.951e+05	3.335e+04	-2.486e+06

		-2.486e+06	-1.223e+05	5.92e-05		71.7	-4029.75	2.740e+04	-1085.12	-9.927e+05	-4.446e+04	-7.574e+05
						143.4	-4029.75	3.394e+04	-1085.12	-9.917e+05	-1.223e+05	1.442e+06
18	152	1.450e+06	5.029e+04	-2.20e-03	-0.94	0.0	-4234.20	2.085e+04	-1077.69	-9.985e+05	5.029e+04	-2.481e+06
		-2.481e+06	-1.042e+05	3.79e-05		71.7	-4234.20	2.742e+04	-1077.69	-9.960e+05	-2.698e+04	-7.500e+05
						143.4	-4234.20	3.395e+04	-1077.69	-9.951e+05	-1.042e+05	1.450e+06
18	169	1.488e+06	-4.841e+04	-3.12e-03	-0.94	0.0	-3501.06	2.118e+04	-244.46	-9.553e+05	-4.841e+04	-2.499e+06
		-2.499e+06	-8.347e+04	1.60e-04		71.7	-3501.06	2.782e+04	-244.46	-9.534e+05	-6.594e+04	-7.426e+05
						143.4	-3501.06	3.440e+04	-244.46	-9.529e+05	-8.347e+04	1.488e+06
18	172	1.490e+06	3.668e+04	-1.91e-03	-0.93	0.0	-4316.49	2.110e+04	-611.68	-9.832e+05	3.668e+04	-2.478e+06
		-2.478e+06	-5.103e+04	5.38e-05		71.7	-4316.49	2.768e+04	-611.68	-9.809e+05	-7173.94	-7.287e+05
						143.4	-4316.49	3.422e+04	-611.68	-9.802e+05	-5.103e+04	1.490e+06
19	1	-1.047e+05	-5.293e+04	0.02	-1.30	0.0	-8820.09	-2.886e+04	-313.51	7.778e+05	-5.293e+04	-1.047e+05
		-3.342e+06	-1.334e+05	9.97e-04		128.4	-8820.09	-1.228e+04	-313.51	7.787e+05	-9.317e+04	-2.734e+06
						256.7	-8820.09	3470.19	-313.51	7.834e+05	-1.334e+05	-3.293e+06
19	4	6.774e+04	-7.870e+04	0.02	-1.38	0.0	-8165.31	-3.170e+04	-167.50	7.021e+05	-7.870e+04	6.774e+04
		-3.532e+06	-1.217e+05	8.89e-04		128.4	-8165.31	-1.371e+04	-167.50	7.070e+05	-1.002e+05	-2.836e+06
						256.7	-8165.31	3413.81	-167.50	7.154e+05	-1.217e+05	-3.490e+06
19	5	-1.627e+05	-3.008e+04	0.02	-0.96	0.0	-7063.09	-2.083e+04	-301.27	6.270e+05	-3.008e+04	-1.627e+05
		-2.476e+06	-1.074e+05	8.06e-04		128.4	-7063.09	-8746.71	-301.27	6.260e+05	-6.875e+04	-2.052e+06
						256.7	-7063.09	2715.48	-301.27	6.279e+05	-1.074e+05	-2.435e+06
19	8	9740.48	-5.586e+04	0.02	-1.04	0.0	-6408.30	-2.367e+04	-155.26	5.513e+05	-5.586e+04	9740.48
		-2.666e+06	-9.571e+04	6.98e-04		128.4	-6408.30	-1.018e+04	-155.26	5.542e+05	-7.579e+04	-2.154e+06
						256.7	-6408.30	2659.11	-155.26	5.599e+05	-9.571e+04	-2.631e+06
19	116	-1.598e+05	2.214e+04	0.02	-0.99	0.0	-7113.88	-2.204e+04	-598.20	4.380e+05	2.214e+04	-1.598e+05
		-2.642e+06	-1.314e+05	4.32e-04		128.4	-7113.88	-9430.65	-598.20	4.408e+05	-5.464e+04	-2.171e+06
						256.7	-7113.88	2556.56	-598.20	4.457e+05	-1.314e+05	-2.608e+06
19	117	-1.006e+04	-7.577e+04	0.02	-1.01	0.0	-6431.14	-2.220e+04	105.47	7.551e+05	-1.028e+05	-1.006e+04
		-2.484e+06	-1.028e+05	1.06e-03		128.4	-6431.14	-9362.07	105.47	7.537e+05	-8.931e+04	-2.027e+06
						256.7	-6431.14	2830.07	105.47	7.559e+05	-7.577e+04	-2.441e+06
19	118	1.339e+04	-8.180e+04	0.02	-1.00	0.0	-6538.70	-2.253e+04	189.62	7.412e+05	-1.305e+05	1.339e+04
		-2.548e+06	-1.305e+05	1.02e-03		128.4	-6538.70	-9764.67	189.62	7.400e+05	-1.061e+05	-2.051e+06
						256.7	-6538.70	2374.54	189.62	7.423e+05	-8.180e+04	-2.520e+06
19	119	-1.818e+05	4.819e+04	0.02	-1.00	0.0	-7020.82	-2.172e+04	-666.88	4.497e+05	4.819e+04	-1.818e+05
		-2.580e+06	-1.230e+05	5.07e-04		128.4	-7020.82	-9047.30	-666.88	4.524e+05	-3.741e+04	-2.148e+06
						256.7	-7020.82	2988.74	-666.88	4.573e+05	-1.230e+05	-2.532e+06
19	120	-1.583e+05	2.055e+04	0.02	-0.99	0.0	-7128.38	-2.205e+04	-582.74	4.359e+05	2.055e+04	-1.583e+05
		-2.645e+06	-1.290e+05	4.65e-04		128.4	-7128.38	-9449.89	-582.74	4.387e+05	-5.424e+04	-2.172e+06
						256.7	-7128.38	2533.20	-582.74	4.436e+05	-1.290e+05	-2.611e+06
19	140	-7.085e+04	-6.454e+04	0.02	-0.99	0.0	-7047.48	-2.260e+04	-214.24	5.266e+05	-6.454e+04	-7.085e+04
		-2.691e+06	-1.195e+05	6.09e-04		128.4	-7047.48	-1.003e+04	-214.24	5.281e+05	-9.204e+04	-2.157e+06
						256.7	-7047.48	1946.22	-214.24	5.323e+05	-1.195e+05	-2.671e+06
19	148	-1.427e+05	7812.60	0.02	-0.99	0.0	-7038.22	-2.206e+04	-516.78	4.736e+05	7812.60	-1.427e+05
		-2.625e+06	-1.248e+05	5.06e-04		128.4	-7038.22	-9425.07	-516.78	4.760e+05	-5.852e+04	-2.155e+06
						256.7	-7038.22	2584.88	-516.78	4.806e+05	-1.248e+05	-2.589e+06
19	149	-2.684e+04	-8.180e+04	0.02	-1.01	0.0	-6510.08	-2.218e+04	27.55	7.190e+05	-8.887e+04	-2.684e+04
		-2.502e+06	-8.887e+04	9.92e-04		128.4	-6510.08	-9372.01	27.55	7.180e+05	-8.534e+04	-2.044e+06
						256.7	-6510.08	2796.46	27.55	7.206e+05	-8.180e+04	-2.460e+06
19	150	-8702.53	-8.646e+04	0.02	-1.00	0.0	-6593.28	-2.244e+04	92.65	7.082e+05	-1.102e+05	-8702.53
		-2.552e+06	-1.102e+05	9.59e-04		128.4	-6593.28	-9683.45	92.65	7.074e+05	-9.836e+04	-2.062e+06
						256.7	-6593.28	2444.08	92.65	7.100e+05	-8.646e+04	-2.522e+06
19	151	-1.597e+05	2.796e+04	0.02	-1.00	0.0	-6966.23	-2.182e+04	-569.91	4.827e+05	2.796e+04	-1.597e+05
		-2.577e+06	-1.183e+05	5.65e-04		128.4	-6966.23	-9128.52	-569.91	4.849e+05	-4.519e+04	-2.137e+06
						256.7	-6966.23	2919.20	-569.91	4.895e+05	-1.183e+05	-2.531e+06
19	152	-1.415e+05	6584.08	0.02	-0.99	0.0	-7049.44	-2.207e+04	-504.82	4.720e+05	6584.08	-1.415e+05
		-2.627e+06	-1.230e+05	5.32e-04		128.4	-7049.44	-9439.95	-504.82	4.743e+05	-5.821e+04	-2.155e+06
						256.7	-7049.44	2566.82	-504.82	4.790e+05	-1.230e+05	-2.592e+06
19	172	-7.387e+04	-5.924e+04	0.02	-0.99	0.0	-6986.85	-2.249e+04	-219.76	5.422e+05	-5.924e+04	-7.387e+04
		-2.660e+06	-1.157e+05	6.43e-04		128.4	-6986.85	-9888.52	-219.76	5.435e+05	-8.745e+04	-2.144e+06
						256.7	-6986.85	2112.74	-219.76	5.476e+05	-1.157e+05	-2.638e+06
20	1	3.921e+06	2.561e+05	0.02	-1.41	0.0	-8289.33	-3.702e+04	-2227.92	-1.612e+06	2.561e+05	3.921e+06
		-6.186e+05	-1.821e+05	1.25e-03		98.3	-8289.33	-2.297e+04	-2227.92	-1.606e+06	3.700e+04	9.753e+05
						196.7	-8289.33	-9547.93	-2227.92	-1.605e+06	-1.821e+05	-6.186e+05
20	4	4.127e+06	2.545e+05	0.02	-1.50	0.0	-7621.29	-3.817e+04	-2361.52	-1.528e+06	2.545e+05	4.127e+06
		-4.201e+05	-2.100e+05	1.29e-03		98.3	-7621.29	-2.301e+04	-2361.52	-1.519e+06	2.223e+04	1.123e+06
						196.7	-7621.29	-8481.61	-2361.52	-1.514e+06	-2.100e+05	-4.201e+05
20	8	3.119e+06	1.945e+05	0.02	-1.13	0.0	-5993.74	-2.904e+04	-1781.75	-1.196e+06	1.945e+05	3.119e+06
		-3.704e+05	-1.560e+05	9.83e-04		98.3	-5993.74	-1.766e+04	-1781.75	-1.190e+06	1.925e+04	8.260e+05
						196.7	-5993.74	-6755.43	-1781.75	-1.187e+06	-1.560e+05	-3.704e+05
20	9	3.958e+06	2.587e+05	0.02	-1.42	0.0	-8236.14	-3.724e+04	-2251.52	-1.600e+06	2.587e+05	3.958e+06
		-5.928e+05	-1.842e+05	1.26e-03		98.3	-8236.14	-2.303e+04	-2251.52	-1.594e+06	3.722e+04	9.987e+05
						196.7	-8236.14	-9441.31	-2251.52	-1.592e+06	-1.842e+05	-5.928e+05
20	117	2.837e+06	2.187e+05	0.02	-1.07	0.0	-5756.68	-2.719e+04	-2462.21	-5.384e+05	2.187e+05	2.837e+06
		-3.877e+05	-2.656e+05	1.60e-03		98.3	-5756.68	-1.631e+04	-2462.21	-5.386e+05	-2.348e+04	7.015e+05
						196.7	-5756.68	-5918.46	-2462.21	-5.404e+05	-2.656e+05	-3.877e+05
20	119	3.097e+06	1.718e+05	0.02	-1.10	0.0	-6452.40	-2.938e+04	-1065.63	-1.910e+06	1.718e+05	3.097e+06
		-5.799e+05	-3.783e+04	3.18e-04		98.3	-6452.40	-1.861e+04	-1065.63	-1.901e+06	6.698e+04	7.406e+05
						196.7	-6452.40	-8328.24	-1065.63	-1.897e+06	-3.783e+04	-5.799e+05

20	121	2.882e+06	2.499e+05	0.02	-1.07	0.0	-5887.03	-2.748e+04	-2369.26	-7.074e+05	2.499e+05	2.882e+06
		-4.019e+05	-2.161e+05	1.27e-03		98.3	-5887.03	-1.662e+04	-2369.26	-7.064e+05	1.692e+04	7.177e+05
						196.7	-5887.03	-6235.99	-2369.26	-7.075e+05	-2.161e+05	-4.019e+05
20	137	2.831e+06	2.004e+05	0.02	-1.09	0.0	-5375.64	-2.761e+04	-2100.14	-9.775e+05	2.004e+05	2.831e+06
		-4.656e+05	-2.127e+05	1.14e-03		98.3	-5375.64	-1.667e+04	-2100.14	-9.747e+05	-6179.07	6.566e+05
						196.7	-5375.64	-6234.37	-2100.14	-9.747e+05	-2.127e+05	-4.656e+05
20	140	3.187e+06	1.917e+05	0.02	-1.08	0.0	-7368.76	-2.925e+04	-1319.07	-1.506e+06	1.917e+05	3.187e+06
		-4.929e+05	-6.775e+04	7.76e-04		98.3	-7368.76	-1.863e+04	-1319.07	-1.500e+06	6.198e+04	8.356e+05
						196.7	-7368.76	-8464.49	-1319.07	-1.497e+06	-6.775e+04	-4.929e+05
20	149	2.876e+06	2.135e+05	0.02	-1.07	0.0	-5896.06	-2.747e+04	-2291.79	-6.977e+05	2.135e+05	2.876e+06
		-4.084e+05	-2.372e+05	1.45e-03		98.3	-5896.06	-1.662e+04	-2291.79	-6.968e+05	-1.185e+04	7.116e+05
						196.7	-5896.06	-6242.49	-2291.79	-6.979e+05	-2.372e+05	-4.084e+05
20	151	3.077e+06	1.773e+05	0.02	-1.10	0.0	-6434.24	-2.917e+04	-1211.45	-1.759e+06	1.773e+05	3.077e+06
		-5.571e+05	-6.102e+04	4.63e-04		98.3	-6434.24	-1.839e+04	-1211.45	-1.751e+06	5.813e+04	7.418e+05
						196.7	-6434.24	-8106.60	-1211.45	-1.747e+06	-6.102e+04	-5.571e+05
20	153	2.911e+06	2.377e+05	0.02	-1.08	0.0	-5996.89	-2.769e+04	-2219.89	-8.284e+05	2.377e+05	2.911e+06
		-4.194e+05	-1.989e+05	1.20e-03		98.3	-5996.89	-1.685e+04	-2219.89	-8.266e+05	1.941e+04	7.242e+05
						196.7	-5996.89	-6488.11	-2219.89	-8.272e+05	-1.989e+05	-4.194e+05
20	169	2.871e+06	1.994e+05	0.02	-1.09	0.0	-5601.30	-2.780e+04	-2011.71	-1.037e+06	1.994e+05	2.871e+06
		-4.687e+05	-1.963e+05	1.10e-03		98.3	-5601.30	-1.689e+04	-2011.71	-1.034e+06	1537.62	6.769e+05
						196.7	-5601.30	-6486.86	-2011.71	-1.034e+06	-1.963e+05	-4.687e+05
20	172	3.147e+06	1.927e+05	0.02	-1.08	0.0	-7143.10	-2.907e+04	-1407.50	-1.447e+06	1.927e+05	3.147e+06
		-4.898e+05	-8.417e+04	8.18e-04		98.3	-7143.10	-1.841e+04	-1407.50	-1.440e+06	5.426e+04	8.154e+05
						196.7	-7143.10	-8212.00	-1407.50	-1.438e+06	-8.417e+04	-4.898e+05
22	1	2.650e+06	-2.456e+04	9.58e-03	-1.33	0.0	2189.88	-2.716e+04	189.57	-4.100e+05	-1.047e+05	2.380e+06
		-4.021e+05	-1.047e+05	1.17e-03		211.2	2189.88	733.40	189.57	-3.898e+05	-6.461e+04	-4.021e+05
						422.5	2189.88	2.807e+04	189.57	-3.749e+05	-2.456e+04	2.650e+06
22	4	3.801e+06	-2.387e+04	-5.31e-03	-1.42	0.0	2742.12	-2.693e+04	191.41	-3.806e+05	-1.047e+05	2.176e+06
		-3.246e+05	-1.047e+05	1.12e-03		211.2	2742.12	3785.27	191.41	-3.595e+05	-6.431e+04	-2.756e+05
						422.5	2742.12	3.486e+04	191.41	-3.433e+05	-2.387e+04	3.801e+06
22	5	1.918e+06	-1.913e+04	0.01	-0.98	0.0	1446.46	-2.093e+04	143.92	-3.280e+05	-7.994e+04	1.918e+06
		-3.624e+05	-7.994e+04	9.16e-04		211.2	1446.46	-800.68	143.92	-3.129e+05	-4.954e+04	-3.624e+05
						422.5	1446.46	1.849e+04	143.92	-3.020e+05	-1.913e+04	1.520e+06
22	7	2.613e+06	-1.842e+04	-8.73e-04	-1.06	0.0	1978.92	-2.065e+04	144.59	-2.997e+05	-7.951e+04	1.720e+06
		-2.571e+05	-7.951e+04	8.68e-04		211.2	1978.92	2104.99	144.59	-2.838e+05	-4.897e+04	-2.391e+05
						422.5	1978.92	2.490e+04	144.59	-2.717e+05	-1.842e+04	2.613e+06
22	9	2.767e+06	-2.460e+04	8.26e-03	-1.34	0.0	2229.43	-2.726e+04	191.92	-4.078e+05	-1.057e+05	2.367e+06
		-3.956e+05	-1.057e+05	1.17e-03		211.2	2229.43	1025.82	191.92	-3.875e+05	-6.514e+04	-3.956e+05
						422.5	2229.43	2.883e+04	191.92	-3.724e+05	-2.460e+04	2.767e+06
22	113	1.828e+06	-1.863e+04	0.01	-1.03	0.0	2529.31	-1.990e+04	295.78	-3.063e+05	-1.436e+05	1.240e+06
		-6.940e+05	-1.436e+05	1.08e-03		211.2	2529.31	1495.64	295.78	-2.907e+05	-8.111e+04	-6.892e+05
						422.5	2529.31	2.224e+04	295.78	-2.791e+05	-1.863e+04	1.828e+06
22	116	2.417e+06	-1.675e+04	-3.72e-03	-1.01	0.0	845.71	-2.181e+04	-5.52	-3.241e+05	-1.675e+04	2.417e+06
		7.372e+04	-1.908e+04	7.12e-04		211.2	845.71	-391.88	-5.52	-3.087e+05	-1.792e+04	7.372e+04
						422.5	845.71	2.081e+04	-5.52	-2.974e+05	-1.908e+04	2.236e+06
22	117	1.827e+06	-1.948e+04	0.01	-1.03	0.0	2538.27	-1.991e+04	313.01	-3.078e+05	-1.517e+05	1.242e+06
		-6.936e+05	-1.517e+05	9.38e-04		211.2	2538.27	1490.02	313.01	-2.923e+05	-8.561e+04	-6.890e+05
						422.5	2538.27	2.224e+04	313.01	-2.806e+05	-1.948e+04	1.827e+06
22	120	2.415e+06	-8619.21	-3.62e-03	-1.01	0.0	836.75	-2.180e+04	-22.75	-3.225e+05	-8619.21	2.415e+06
		7.355e+04	-1.823e+04	8.60e-04		211.2	836.75	-386.26	-22.75	-3.072e+05	-1.342e+04	7.355e+04
						422.5	836.75	2.081e+04	-22.75	-2.959e+05	-1.823e+04	2.237e+06
22	131	2.050e+06	2.492e+04	6.49e-03	-1.03	0.0	1452.95	-2.131e+04	354.31	-3.030e+05	-1.248e+05	1.953e+06
		-2.603e+05	-1.248e+05	3.95e-04		211.2	1452.95	293.44	354.31	-2.868e+05	-4.993e+04	-2.603e+05
						422.5	1452.95	2.151e+04	354.31	-2.744e+05	2.492e+04	2.050e+06
22	137	1.932e+06	1.497e+04	9.06e-03	-1.03	0.0	1984.90	-2.075e+04	460.12	-3.053e+05	-1.794e+05	1.615e+06
		-4.775e+05	-1.794e+05	3.68e-04		211.2	1984.90	836.87	460.12	-2.891e+05	-8.223e+04	-4.775e+05
						422.5	1984.90	2.190e+04	460.12	-2.767e+05	1.497e+04	1.932e+06
22	145	1.874e+06	-1.868e+04	0.01	-1.02	0.0	2338.70	-2.011e+04	261.67	-3.083e+05	-1.292e+05	1.374e+06
		-6.028e+05	-1.292e+05	1.04e-03		211.2	2338.70	1281.94	261.67	-2.928e+05	-7.396e+04	-6.028e+05
						422.5	2338.70	2.208e+04	261.67	-2.811e+05	-1.868e+04	1.874e+06
22	148	2.284e+06	-1.903e+04	4.50e-03	-1.01	0.0	1036.32	-2.160e+04	28.59	-3.221e+05	-3.111e+04	2.284e+06
		-1.265e+04	-3.111e+04	7.54e-04		211.2	1036.32	-178.18	28.59	-3.067e+05	-2.507e+04	-1.265e+04
						422.5	1036.32	2.097e+04	28.59	-2.953e+05	-1.903e+04	2.190e+06
22	149	1.873e+06	-1.934e+04	0.01	-1.03	0.0	2345.62	-2.012e+04	274.99	-3.095e+05	-1.355e+05	1.375e+06
		-6.027e+05	-1.355e+05	9.26e-04		211.2	2345.62	1277.59	274.99	-2.940e+05	-7.743e+04	-6.027e+05
						422.5	2345.62	2.208e+04	274.99	-2.823e+05	-1.934e+04	1.873e+06
22	152	2.283e+06	-1.837e+04	4.42e-03	-1.01	0.0	1029.40	-2.158e+04	15.27	-3.209e+05	-2.482e+04	2.283e+06
		-1.279e+04	-2.482e+04	8.69e-04		211.2	1029.40	-173.83	15.27	-3.055e+05	-2.160e+04	-1.279e+04
						422.5	1029.40	2.097e+04	15.27	-2.942e+05	-1.837e+04	2.190e+06
22	163	2.046e+06	1.501e+04	6.70e-03	-1.02	0.0	1506.06	-2.121e+04	306.95	-3.058e+05	-1.147e+05	1.925e+06
		-2.711e+05	-1.147e+05	4.89e-04		211.2	1506.06	351.96	306.95	-2.897e+05	-4.983e+04	-2.711e+05
						422.5	1506.06	2.152e+04	306.95	-2.776e+05	1.501e+04	2.046e+06
22	169	1.955e+06	7311.72	8.68e-03	-1.03	0.0	1917.56	-2.077e+04	388.79	-3.075e+05	-1.570e+05	1.664e+06
		-4.391e+05	-1.570e+05	4.26e-04		211.2	1917.56	772.34	388.79	-2.915e+05	-7.482e+04	-4.391e+05
						422.5	1917.56	2.181e+04	388.79	-2.793e+05	7311.72	1.955e+06
23	4	3.840e+06	4.197e+04	0.02	-1.42	0.0	2459.17	-3.392e+04	158.78	-3.219e+05	-2.488e+04	3.840e+06
		-1.058e+05	-2.488e+04	2.68e-04		210.5	2459.17	-3383.93	158.78	-3.101e+05	8545.42	-6.591e+04

					421.0	2459.17	2.585e+04	158.78	-3.024e+05	4.197e+04	2.323e+06
23	5	1.554e+06	2.735e+04	0.02	-0.92	0.0	1198.57	-1.991e+04	111.23	-2.869e+05	-1.948e+04	1.554e+06
		-7.127e+05	-1.948e+04	2.23e-04		210.5	1198.57	-1683.34	111.23	-2.800e+05	3933.42	-6.973e+05
						421.0	1198.57	1.548e+04	111.23	-2.767e+05	2.735e+04	7.708e+05
23	9	2.808e+06	3.928e+04	0.02	-1.29	0.0	1924.72	-2.944e+04	153.33	-3.519e+05	-2.527e+04	2.808e+06
		-5.748e+05	-2.527e+04	2.86e-04		210.5	1924.72	-2669.05	153.33	-3.416e+05	7003.69	-5.474e+05
						421.0	1924.72	2.276e+04	153.33	-3.358e+05	3.928e+04	1.589e+06
23	114	1.852e+06	3.435e+04	0.02	-0.97	0.0	2056.23	-2.118e+04	179.69	-2.675e+05	-4.130e+04	1.852e+06
		-5.076e+05	-4.130e+04	5.11e-05		210.5	2056.23	-1377.58	179.69	-2.601e+05	-3478.54	-5.029e+05
						421.0	2056.23	1.744e+04	179.69	-2.561e+05	3.435e+04	1.203e+06
23	117	1.825e+06	4.856e+04	0.02	-0.97	0.0	2066.59	-2.110e+04	162.45	-2.726e+05	-1.983e+04	1.825e+06
		-5.027e+05	-1.983e+04	-8.75e-05		210.5	2066.59	-1192.67	162.45	-2.646e+05	1.436e+04	-5.027e+05
						421.0	2066.59	1.775e+04	162.45	-2.601e+05	4.856e+04	1.256e+06
23	120	2.303e+06	9735.72	0.02	-0.99	0.0	834.66	-2.323e+04	67.99	-2.726e+05	-1.889e+04	2.303e+06
		-4.635e+05	-1.889e+04	4.69e-04		210.5	834.66	-2844.43	67.99	-2.652e+05	-4575.45	-4.212e+05
						421.0	834.66	1.643e+04	67.99	-2.612e+05	9735.72	1.027e+06
23	130	2.041e+06	1.539e+04	0.02	-0.97	0.0	1643.59	-2.199e+04	178.01	-2.651e+05	-5.955e+04	2.041e+06
		-5.014e+05	-5.955e+04	1.00e-04		210.5	1643.59	-2119.17	178.01	-2.583e+05	-2.208e+04	-4.773e+05
						421.0	1643.59	1.670e+04	178.01	-2.549e+05	1.539e+04	1.074e+06
23	137	1.951e+06	6.277e+04	0.02	-0.98	0.0	1678.12	-2.173e+04	120.53	-2.821e+05	1.202e+04	1.951e+06
		-4.836e+05	1.202e+04	-3.26e-04		210.5	1678.12	-1502.83	120.53	-2.734e+05	3.740e+04	-4.764e+05
						421.0	1678.12	1.773e+04	120.53	-2.684e+05	6.277e+04	1.248e+06
23	146	1.900e+06	3.317e+04	0.02	-0.97	0.0	1919.10	-2.140e+04	165.09	-2.687e+05	-3.634e+04	1.900e+06
		-5.020e+05	-3.634e+04	8.88e-05		210.5	1919.10	-1522.72	165.09	-2.612e+05	-1582.61	-4.937e+05
						421.0	1919.10	1.736e+04	165.09	-2.571e+05	3.317e+04	1.189e+06
23	149	1.880e+06	4.416e+04	0.02	-0.97	0.0	1927.11	-2.134e+04	151.76	-2.726e+05	-1.972e+04	1.880e+06
		-4.979e+05	-1.972e+04	-4.14e-05		210.5	1927.11	-1379.68	151.76	-2.647e+05	1.222e+04	-4.935e+05
						421.0	1927.11	1.760e+04	151.76	-2.603e+05	4.416e+04	1.230e+06
23	152	2.249e+06	1.413e+04	0.02	-0.99	0.0	974.14	-2.298e+04	78.68	-2.726e+05	-1.899e+04	2.249e+06
		-4.679e+05	-1.899e+04	4.12e-04		210.5	974.14	-2657.42	78.68	-2.651e+05	-2431.13	-4.304e+05
						421.0	974.14	1.658e+04	78.68	-2.611e+05	1.413e+04	1.053e+06
23	162	2.046e+06	1.851e+04	0.02	-0.97	0.0	1599.90	-2.203e+04	163.79	-2.668e+05	-5.045e+04	2.046e+06
		-4.972e+05	-5.045e+04	9.52e-05		210.5	1599.90	-2096.39	163.79	-2.598e+05	-1.597e+04	-4.738e+05
						421.0	1599.90	1.679e+04	163.79	-2.562e+05	1.851e+04	1.089e+06
23	169	1.976e+06	5.516e+04	0.02	-0.98	0.0	1626.61	-2.183e+04	119.33	-2.799e+05	4918.35	1.976e+06
		-4.835e+05	4918.35	-2.23e-04		210.5	1626.61	-1619.61	119.33	-2.715e+05	3.004e+04	-4.731e+05
						421.0	1626.61	1.759e+04	119.33	-2.666e+05	5.516e+04	1.224e+06
24	4	2.857e+06	2.534e+04	0.02	-1.37	0.0	2208.10	-4.444e+04	-136.25	-4.531e+05	2.534e+04	2.857e+06
		-4.698e+06	-5.967e+04	7.69e-04		312.0	2208.10	-4128.31	-136.25	-4.511e+05	-1.717e+04	-4.632e+06
						624.0	2208.10	3.683e+04	-136.25	-4.623e+05	-5.967e+04	3.379e+05
24	5	1.032e+06	7552.98	0.02	-0.93	0.0	1042.04	-2.541e+04	-62.88	-2.048e+05	7552.98	1.032e+06
		-3.120e+06	-3.168e+04	4.27e-04		312.0	1042.04	-1383.35	-62.88	-2.056e+05	-1.207e+04	-3.120e+06
						624.0	1042.04	2.441e+04	-62.88	-2.124e+05	-3.168e+04	3.498e+05
24	115	1.445e+06	2.323e+04	0.02	-0.98	0.0	1165.15	-2.906e+04	-154.26	-2.573e+05	2.323e+04	1.445e+06
		-3.398e+06	-7.303e+04	7.18e-04		312.0	1165.15	-2144.96	-154.26	-2.570e+05	-2.490e+04	-3.379e+06
						624.0	1165.15	2.610e+04	-154.26	-2.641e+05	-7.303e+04	2.398e+05
24	121	1.515e+06	4.640e+04	0.02	-0.97	0.0	1488.91	-2.852e+04	-175.12	-2.653e+05	4.640e+04	1.515e+06
		-3.228e+06	-6.287e+04	9.81e-04		312.0	1488.91	-2042.68	-175.12	-2.648e+05	-8233.59	-3.212e+06
						624.0	1488.91	2.570e+04	-175.12	-2.720e+05	-6.287e+04	3.664e+05
24	124	1.399e+06	-1.083e+04	0.02	-0.98	0.0	1072.16	-2.870e+04	18.90	-2.494e+05	-2.262e+04	1.399e+06
		-3.366e+06	-2.262e+04	1.32e-04		312.0	1072.16	-2030.03	18.90	-2.498e+05	-1.673e+04	-3.351e+06
						624.0	1072.16	2.599e+04	18.90	-2.575e+05	-1.083e+04	2.683e+05
24	129	1.561e+06	6.684e+04	0.02	-0.98	0.0	1406.92	-2.904e+04	-254.84	-2.744e+05	6.684e+04	1.561e+06
		-3.290e+06	-9.219e+04	1.88e-03		312.0	1406.92	-2194.47	-254.84	-2.734e+05	-1.267e+04	-3.269e+06
						624.0	1406.92	2.591e+04	-254.84	-2.803e+05	-9.219e+04	3.180e+05
24	131	1.537e+06	6.401e+04	0.02	-0.98	0.0	1322.53	-2.922e+04	-267.57	-2.716e+05	6.401e+04	1.537e+06
		-3.347e+06	-1.030e+05	1.75e-03		312.0	1322.53	-2228.15	-267.57	-2.706e+05	-1.948e+04	-3.325e+06
						624.0	1322.53	2.604e+04	-267.57	-2.774e+05	-1.030e+05	2.752e+05
24	133	1.558e+06	7.096e+04	0.02	-0.98	0.0	1419.66	-2.906e+04	-273.83	-2.740e+05	7.096e+04	1.558e+06
		-3.296e+06	-9.991e+04	1.84e-03		312.0	1419.66	-2197.46	-273.83	-2.729e+05	-1.448e+04	-3.275e+06
						624.0	1419.66	2.592e+04	-273.83	-2.798e+05	-9.991e+04	3.132e+05
24	147	1.447e+06	2.066e+04	0.02	-0.98	0.0	1191.28	-2.896e+04	-137.01	-2.573e+05	2.066e+04	1.447e+06
		-3.375e+06	-6.483e+04	6.64e-04		312.0	1191.28	-2120.37	-137.01	-2.571e+05	-2.209e+04	-3.357e+06
						624.0	1191.28	2.604e+04	-137.01	-2.643e+05	-6.483e+04	2.574e+05
24	153	1.502e+06	3.859e+04	0.02	-0.97	0.0	1441.73	-2.854e+04	-153.15	-2.635e+05	3.859e+04	1.502e+06
		-3.244e+06	-5.698e+04	8.67e-04		312.0	1441.73	-2041.25	-153.15	-2.631e+05	-9195.39	-3.228e+06
						624.0	1441.73	2.573e+04	-153.15	-2.704e+05	-5.698e+04	3.553e+05
24	156	1.412e+06	-1.481e+04	0.02	-0.98	0.0	1119.34	-2.868e+04	-3.07	-2.512e+05	-1.481e+04	1.412e+06
		-3.351e+06	-1.672e+04	1.83e-04		312.0	1119.34	-2031.46	-3.07	-2.515e+05	-1.577e+04	-3.336e+06
						624.0	1119.34	2.595e+04	-3.07	-2.591e+05	-1.672e+04	2.794e+05
24	161	1.538e+06	5.439e+04	0.02	-0.98	0.0	1378.30	-2.894e+04	-214.83	-2.706e+05	5.439e+04	1.538e+06
		-3.292e+06	-7.966e+04	1.56e-03		312.0	1378.30	-2158.67	-214.83	-2.698e+05	-1.263e+04	-3.272e+06
						624.0	1378.30	2.590e+04	-214.83	-2.768e+05	-7.966e+04	3.178e+05
24	163	1.519e+06	5.220e+04	0.02	-0.98	0.0	1313.02	-2.908e+04	-224.67	-2.684e+05	5.220e+04	1.519e+06
		-3.336e+06	-8.799e+04	1.46e-03		312.0	1313.02	-2184.72	-224.67	-2.676e+05	-1.789e+04	-3.315e+06
						624.0	1313.02	2.600e+04	-224.67	-2.745e+05	-8.799e+04	2.848e+05
24	165	1.535e+06	5.758e+04	0.02	-0.98	0.0	1388.16	-2.895e+04	-229.51	-2.702e+05	5.758e+04	1.535e+06

		-3.296e+06	-8.563e+04	1.53e-03		312.0	1388.16	-2160.98	-229.51	-2.694e+05	-1.403e+04	-3.276e+06
						624.0	1388.16	2.590e+04	-229.51	-2.764e+05	-8.563e+04	3.141e+05
25	4	2.103e+06	3.990e+04	7.60e-03	-1.30	0.0	508.65	-2.817e+04	-105.82	-1.981e+05	3.990e+04	2.103e+06
		-9.484e+05	-4723.19	3.27e-04		210.8	508.65	-733.60	-105.82	-1.947e+05	1.759e+04	-9.484e+05
						421.7	508.65	2.714e+04	-105.82	-1.940e+05	-4723.19	1.825e+06
25	5	1.384e+06	1.222e+04	5.14e-03	-0.89	0.0	-460.19	-1.873e+04	-33.80	-1.268e+05	1.222e+04	1.384e+06
		-6.602e+05	-2038.63	2.46e-04		210.8	-460.19	-729.22	-33.80	-1.243e+05	5088.94	-6.602e+05
						421.7	-460.19	1.696e+04	-33.80	-1.235e+05	-2038.63	1.054e+06
25	113	1.410e+06	2378.14	3.18e-03	-0.92	0.0	-1342.58	-1.984e+04	52.64	-1.299e+05	-1.982e+04	1.410e+06
		-7.463e+05	-1.982e+04	2.69e-04		210.8	-1342.58	-672.27	52.64	-1.268e+05	-8721.46	-7.463e+05
						421.7	-1342.58	1.830e+04	52.64	-1.253e+05	2378.14	1.112e+06
25	116	1.530e+06	5.772e+04	9.17e-04	-0.92	0.0	1039.98	-1.978e+04	-154.96	-1.424e+05	5.772e+04	1.530e+06
		-6.253e+05	-7628.47	2.27e-04		210.8	1039.98	-674.64	-154.96	-1.405e+05	2.504e+04	-6.253e+05
						421.7	1039.98	1.848e+04	-154.96	-1.404e+05	-7628.47	1.248e+06
25	117	1.410e+06	2582.37	3.20e-03	-0.93	0.0	-1377.48	-1.984e+04	72.51	-1.321e+05	-2.800e+04	1.410e+06
		-7.462e+05	-2.800e+04	1.09e-04		210.8	-1377.48	-671.57	72.51	-1.290e+05	-1.271e+04	-7.462e+05
						421.7	-1377.48	1.830e+04	72.51	-1.275e+05	2582.37	1.112e+06
25	120	1.530e+06	6.589e+04	9.23e-04	-0.92	0.0	1074.89	-1.978e+04	-174.83	-1.401e+05	6.589e+04	1.530e+06
		-6.255e+05	-7832.69	3.92e-04		210.8	1074.89	-675.34	-174.83	-1.383e+05	2.903e+04	-6.255e+05
						421.7	1074.89	1.847e+04	-174.83	-1.382e+05	-7832.69	1.248e+06
25	137	1.441e+06	2.216e+04	1.83e-03	-0.92	0.0	-646.62	-1.983e+04	217.34	-1.165e+05	-6.949e+04	1.441e+06
		-7.162e+05	-6.949e+04	-5.32e-04		210.8	-646.62	-671.19	217.34	-1.129e+05	-2.367e+04	-7.162e+05
						421.7	-646.62	1.837e+04	217.34	-1.107e+05	2.216e+04	1.149e+06
25	140	1.499e+06	1.074e+05	9.65e-04	-0.92	0.0	344.03	-1.978e+04	-319.66	-1.557e+05	1.074e+05	1.499e+06
		-6.554e+05	-2.741e+04	1.03e-03		210.8	344.03	-675.73	-319.66	-1.544e+05	3.999e+04	-6.554e+05
						421.7	344.03	1.840e+04	-319.66	-1.551e+05	-2.741e+04	1.211e+06
25	145	1.423e+06	1245.21	2.72e-03	-0.92	0.0	-1072.83	-1.983e+04	29.14	-1.313e+05	-1.104e+04	1.423e+06
		-7.326e+05	-1.104e+04	2.65e-04		210.8	-1072.83	-672.54	29.14	-1.283e+05	-4898.48	-7.326e+05
						421.7	-1072.83	1.832e+04	29.14	-1.270e+05	1245.21	1.128e+06
25	148	1.516e+06	4.894e+04	8.82e-04	-0.92	0.0	770.23	-1.979e+04	-131.46	-1.409e+05	4.894e+04	1.516e+06
		-6.390e+05	-6495.53	2.32e-04		210.8	770.23	-674.37	-131.46	-1.389e+05	2.122e+04	-6.390e+05
						421.7	770.23	1.845e+04	-131.46	-1.387e+05	-6495.53	1.233e+06
25	149	1.423e+06	1403.19	2.73e-03	-0.92	0.0	-1099.83	-1.983e+04	44.51	-1.330e+05	-1.737e+04	1.423e+06
		-7.325e+05	-1.737e+04	1.37e-04		210.8	-1099.83	-672.00	44.51	-1.300e+05	-7981.27	-7.325e+05
						421.7	-1099.83	1.832e+04	44.51	-1.287e+05	1403.19	1.128e+06
25	152	1.516e+06	5.526e+04	8.85e-04	-0.92	0.0	797.24	-1.979e+04	-146.83	-1.392e+05	5.526e+04	1.516e+06
		-6.391e+05	-6653.51	3.59e-04		210.8	797.24	-674.91	-146.83	-1.372e+05	2.430e+04	-6.391e+05
						421.7	797.24	1.845e+04	-146.83	-1.370e+05	-6653.51	1.233e+06
25	169	1.447e+06	1.655e+04	1.68e-03	-0.92	0.0	-534.46	-1.983e+04	156.54	-1.210e+05	-4.947e+04	1.447e+06
		-7.093e+05	-4.947e+04	-3.56e-04		210.8	-534.46	-671.70	156.54	-1.176e+05	-1.646e+04	-7.093e+05
						421.7	-534.46	1.838e+04	156.54	-1.157e+05	1.655e+04	1.156e+06
25	172	1.492e+06	8.736e+04	1.01e-03	-0.92	0.0	231.87	-1.979e+04	-258.86	-1.513e+05	8.736e+04	1.492e+06
		-6.623e+05	-2.180e+04	8.52e-04		210.8	231.87	-675.21	-258.86	-1.497e+05	3.278e+04	-6.623e+05
						421.7	231.87	1.839e+04	-258.86	-1.501e+05	-2.180e+04	1.204e+06
26	1	2.060e+06	6707.31	1.02e-03	-1.19	0.0	-1602.59	-2.366e+04	-22.14	-1.762e+05	6707.31	1.580e+06
		-7.912e+05	-2633.34	4.77e-04		210.9	-1602.59	1140.12	-22.14	-1.776e+05	2036.98	-7.912e+05
						421.8	-1602.59	2.592e+04	-22.14	-1.813e+05	-2633.34	2.060e+06
26	4	3.041e+06	5742.65	4.91e-03	-1.33	0.0	-125.16	-2.562e+04	-52.17	-2.001e+05	5742.65	1.873e+06
		-5.719e+05	-1.626e+04	4.64e-04		210.9	-125.16	2713.32	-52.17	-2.019e+05	-5260.27	-5.473e+05
						421.8	-125.16	3.137e+04	-52.17	-2.065e+05	-1.626e+04	3.041e+06
26	5	1.122e+06	5698.67	2.95e-03	-0.86	0.0	-1858.63	-1.740e+04	-4.67	-1.245e+05	5698.67	1.114e+06
		-7.095e+05	3729.87	3.69e-04		210.9	-1858.63	48.26	-4.67	-1.253e+05	4714.27	-7.095e+05
						421.8	-1858.63	1.732e+04	-4.67	-1.277e+05	3729.87	1.122e+06
26	113	1.518e+06	3.820e+04	1.04e-03	-0.91	0.0	-1316.60	-1.794e+04	66.69	-1.510e+05	1.007e+04	1.129e+06
		-6.611e+05	1.007e+04	4.99e-04		210.9	-1316.60	929.50	66.69	-1.514e+05	2.414e+04	-6.611e+05
						421.8	-1316.60	1.975e+04	66.69	-1.538e+05	3.820e+04	1.518e+06
26	114	1.515e+06	1.886e+04	1.14e-03	-0.91	0.0	-1374.03	-1.795e+04	40.97	-1.340e+05	1574.07	1.138e+06
		-6.562e+05	1574.07	4.79e-04		210.9	-1374.03	900.92	40.97	-1.352e+05	1.021e+04	-6.562e+05
						421.8	-1374.03	1.970e+04	40.97	-1.382e+05	1.886e+04	1.515e+06
26	115	1.618e+06	8880.28	6.34e-04	-0.92	0.0	-1062.81	-1.852e+04	-76.06	-1.364e+05	8880.28	1.326e+06
		-5.533e+05	-2.320e+04	2.51e-04		210.9	-1062.81	689.26	-76.06	-1.373e+05	-7160.74	-5.533e+05
						421.8	-1062.81	1.992e+04	-76.06	-1.400e+05	-2.320e+04	1.618e+06
26	119	1.618e+06	9652.18	6.29e-04	-0.92	0.0	-1095.11	-1.852e+04	-64.22	-1.370e+05	9652.18	1.326e+06
		-5.529e+05	-1.744e+04	8.65e-05		210.9	-1095.11	689.30	-64.22	-1.379e+05	-3892.37	-5.529e+05
						421.8	-1095.11	1.992e+04	-64.22	-1.406e+05	-1.744e+04	1.618e+06
26	137	1.558e+06	5.849e+04	8.58e-04	-0.91	0.0	-1268.44	-1.812e+04	86.19	-1.678e+05	2.214e+04	1.188e+06
		-6.276e+05	2.214e+04	-2.31e-04		210.9	-1268.44	878.87	86.19	-1.674e+05	4.032e+04	-6.276e+05
						421.8	-1268.44	1.986e+04	86.19	-1.693e+05	5.849e+04	1.558e+06
26	140	1.575e+06	-1.169e+04	7.29e-04	-0.92	0.0	-1168.40	-1.836e+04	-121.28	-1.026e+05	-1.169e+04	1.276e+06
		-5.819e+05	-6.284e+04	8.50e-04		210.9	-1168.40	711.32	-121.28	-1.051e+05	-3.726e+04	-5.819e+05
						421.8	-1168.40	1.976e+04	-121.28	-1.089e+05	-6.284e+04	1.575e+06
26	145	1.529e+06	2.906e+04	9.73e-04	-0.91	0.0	-1294.37	-1.801e+04	47.61	-1.475e+05	8974.08	1.152e+06
		-6.483e+05	8974.08	4.69e-04		210.9	-1294.37	899.06	47.61	-1.480e+05	1.902e+04	-6.483e+05
						421.8	-1294.37	1.976e+04	47.61	-1.505e+05	2.906e+04	1.529e+06
26	146	1.526e+06	1.409e+04	9.96e-04	-0.91	0.0	-1338.80	-1.802e+04	27.72	-1.342e+05	2401.27	1.160e+06
		-6.446e+05	2401.27	4.53e-04		210.9	-1338.80	876.96	27.72	-1.354e+05	8247.46	-6.446e+05
						421.8	-1338.80	1.972e+04	27.72	-1.384e+05	1.409e+04	1.526e+06

26	147	1.606e+06	8053.08	6.57e-04	-0.92	0.0	-1098.05	-1.846e+04	-62.81	-1.362e+05	8053.08	1.305e+06	
		-5.650e+05	-1.844e+04	2.77e-04		210.9	-1098.05	713.23	-62.81	-1.371e+05	-5193.52	-5.650e+05	
						421.8	-1098.05	1.989e+04	-62.81	-1.398e+05	-1.844e+04	1.606e+06	
26	151	1.606e+06	8650.19	6.56e-04	-0.92	0.0	-1123.04	-1.846e+04	-53.65	-1.366e+05	8650.19	1.305e+06	
		-5.646e+05	-1.398e+04	1.48e-04		210.9	-1123.04	713.25	-53.65	-1.375e+05	-2665.23	-5.646e+05	
						421.8	-1123.04	1.989e+04	-53.65	-1.402e+05	-1.398e+04	1.606e+06	
26	169	1.560e+06	4.476e+04	8.43e-04	-0.91	0.0	-1257.12	-1.815e+04	62.70	-1.604e+05	1.831e+04	1.198e+06	
		-6.224e+05	1.831e+04	-1.32e-04		210.9	-1257.12	859.90	62.70	-1.604e+05	3.153e+04	-6.224e+05	
						421.8	-1257.12	1.985e+04	62.70	-1.625e+05	4.476e+04	1.560e+06	
26	172	1.573e+06	-7856.03	7.44e-04	-0.92	0.0	-1179.73	-1.833e+04	-97.79	-1.100e+05	-7856.03	1.266e+06	
		-5.871e+05	-4.910e+04	7.40e-04		210.9	-1179.73	730.29	-97.79	-1.121e+05	-2.848e+04	-5.871e+05	
						421.8	-1179.73	1.977e+04	-97.79	-1.157e+05	-4.910e+04	1.573e+06	
27	1	2.691e+06	1.240e+04	0.04	-1.38	0.0	-2757.66	-4.044e+04	-60.64	-2.295e+05	1.240e+04	2.691e+06	
		-4.292e+06	-2.544e+04	7.09e-04		312.0	-2757.66	-3911.58	-60.64	-2.401e+05	-6524.54	-4.230e+06	
						624.0	-2757.66	3.631e+04	-60.64	-2.577e+05	-2.544e+04	6.254e+05	
27	4	3.787e+06	3.635e+04	0.04	-1.50	0.0	-1821.79	-4.768e+04	-123.95	-2.351e+05	3.635e+04	3.787e+06	
		-4.613e+06	-4.100e+04	8.44e-04		312.0	-1821.79	-5539.17	-123.95	-2.473e+05	-2324.56	-4.501e+06	
						624.0	-1821.79	3.977e+04	-123.95	-2.666e+05	-4.100e+04	6.475e+05	
27	8	2.651e+06	2.316e+04	0.03	-1.13	0.0	-1600.89	-3.498e+04	-82.96	-1.800e+05	2.316e+04	2.651e+06	
		-3.477e+06	-2.861e+04	6.14e-04		312.0	-1600.89	-3871.84	-82.96	-1.890e+05	-2725.72	-3.402e+06	
						624.0	-1600.89	2.979e+04	-82.96	-2.035e+05	-2.861e+04	4.917e+05	
27	115	2.132e+06	5.931e+04	0.03	-1.07	0.0	-2403.96	-3.159e+04	-191.45	-1.714e+05	5.931e+04	2.132e+06	
		-3.361e+06	-6.015e+04	7.57e-04		312.0	-2403.96	-3251.19	-191.45	-1.792e+05	-423.16	-3.304e+06	
						624.0	-2403.96	2.795e+04	-191.45	-1.923e+05	-6.015e+04	3.931e+05	
27	116	2.133e+06	2.029e+04	0.03	-1.07	0.0	-2413.50	-3.156e+04	-70.04	-1.688e+05	2.029e+04	2.133e+06	
		-3.357e+06	-2.342e+04	-1.25e-04		312.0	-2413.50	-3271.33	-70.04	-1.773e+05	-1565.45	-3.300e+06	
						624.0	-2413.50	2.784e+04	-70.04	-1.910e+05	-2.342e+04	3.783e+05	
27	126	1.973e+06	-6621.24	0.03	-1.06	0.0	-1831.42	-3.045e+04	-6.58	-1.813e+05	-6621.24	1.973e+06	
		-3.239e+06	-1.073e+04	5.04e-04		312.0	-1831.42	-2714.17	-6.58	-1.896e+05	-8675.44	-3.202e+06	
						624.0	-1831.42	2.786e+04	-6.58	-2.034e+05	-1.073e+04	5.693e+05	
27	127	2.127e+06	2.593e+04	0.03	-1.07	0.0	-2416.21	-3.156e+04	-87.72	-1.720e+05	2.593e+04	2.127e+06	
		-3.359e+06	-2.881e+04	5.79e-04		312.0	-2416.21	-3245.59	-87.72	-1.800e+05	-1435.97	-3.302e+06	
						624.0	-2416.21	2.792e+04	-87.72	-1.932e+05	-2.881e+04	3.911e+05	
27	131	2.073e+06	8.374e+04	0.04	-1.07	0.0	-2193.39	-3.124e+04	-274.58	-1.791e+05	8.374e+04	2.073e+06	
		-3.323e+06	-8.760e+04	1.94e-03		312.0	-2193.39	-3030.72	-274.58	-1.860e+05	-1933.46	-3.274e+06	
						624.0	-2193.39	2.807e+04	-274.58	-1.984e+05	-8.760e+04	4.765e+05	
27	147	2.114e+06	4.807e+04	0.03	-1.07	0.0	-2340.53	-3.146e+04	-158.77	-1.726e+05	4.807e+04	2.114e+06	
		-3.347e+06	-5.101e+04	7.08e-04		312.0	-2340.53	-3189.75	-158.77	-1.805e+05	-1472.14	-3.292e+06	
						624.0	-2340.53	2.793e+04	-158.77	-1.936e+05	-5.101e+04	4.128e+05	
27	148	2.115e+06	1.788e+04	0.03	-1.07	0.0	-2347.91	-3.143e+04	-64.86	-1.705e+05	1.788e+04	2.115e+06	
		-3.344e+06	-2.259e+04	5.70e-05		312.0	-2347.91	-3205.34	-64.86	-1.790e+05	-2355.77	-3.289e+06	
						624.0	-2347.91	2.785e+04	-64.86	-1.927e+05	-2.259e+04	4.013e+05	
27	158	1.991e+06	-2935.47	0.03	-1.06	0.0	-1897.63	-3.057e+04	-15.77	-1.803e+05	-2935.47	1.991e+06	
		-3.253e+06	-1.278e+04	5.13e-04		312.0	-1897.63	-2774.33	-15.77	-1.885e+05	-7855.80	-3.214e+06	
						624.0	-1897.63	2.787e+04	-15.77	-2.023e+05	-1.278e+04	5.491e+05	
27	159	2.110e+06	2.225e+04	0.03	-1.07	0.0	-2350.00	-3.143e+04	-78.54	-1.730e+05	2.225e+04	2.110e+06	
		-3.345e+06	-2.676e+04	5.71e-04		312.0	-2350.00	-3185.42	-78.54	-1.811e+05	-2255.61	-3.291e+06	
						624.0	-2350.00	2.791e+04	-78.54	-1.944e+05	-2.676e+04	4.113e+05	
27	163	2.068e+06	6.696e+04	0.03	-1.07	0.0	-2177.64	-3.118e+04	-223.08	-1.785e+05	6.696e+04	2.068e+06	
		-3.317e+06	-7.224e+04	1.63e-03		312.0	-2177.64	-3019.20	-223.08	-1.858e+05	-2640.46	-3.269e+06	
						624.0	-2177.64	2.803e+04	-223.08	-1.984e+05	-7.224e+04	4.774e+05	
28	1	7.170e+05	1.360e+05	0.02	-1.31	0.0	-45.97	-2.722e+04	620.18	-3.644e+05	-1.162e+05	7.170e+05	
		-2.254e+06	-1.162e+05	-1.67e-03		203.3	-45.97	-1857.37	620.18	-3.548e+05	9911.40	-2.248e+06	
						406.6	-45.97	2.460e+04	620.18	-3.496e+05	1.360e+05	3.581e+04	
28	4	1.712e+06	1.171e+05	6.20e-03	-1.40	0.0	246.56	-3.377e+04	528.62	-4.506e+05	-9.787e+04	1.712e+06	
		-2.281e+06	-9.787e+04	-1.48e-03		203.3	246.56	-4803.17	528.62	-4.392e+05	9601.68	-2.205e+06	
						406.6	246.56	2.446e+04	528.62	-4.333e+05	1.171e+05	-2.220e+05	
28	5	1.452e+05	1.127e+05	0.02	-0.97	0.0	-161.75	-1.793e+04	516.18	-2.402e+05	-9.717e+04	9.668e+04	
		-1.747e+06	-9.717e+04	-1.37e-03		203.3	-161.75	-82.70	516.18	-2.336e+05	7771.41	-1.747e+06	
						406.6	-161.75	1.898e+04	516.18	-2.299e+05	1.127e+05	1.452e+05	
28	121	5.616e+05	1.746e+05	0.01	-1.00	0.0	-71.54	-2.057e+04	807.70	-2.713e+05	-1.539e+05	5.616e+05	
		-1.668e+06	-1.539e+05	-1.71e-03		203.3	-71.54	-1283.32	807.70	-2.639e+05	1.035e+04	-1.667e+06	
						406.6	-71.54	1.884e+04	807.70	-2.597e+05	1.746e+05	9.637e+04	
28	130	4.581e+05	7.851e+04	0.02	-1.02	0.0	160.49	-2.107e+04	417.20	-2.580e+05	-9.113e+04	4.581e+05	
		-1.855e+06	-9.113e+04	-1.56e-03		203.3	160.49	-1530.38	417.20	-2.505e+05	-6310.76	-1.848e+06	
						406.6	160.49	1.898e+04	417.20	-2.462e+05	7.851e+04	-9.864e+04	
28	131	6.251e+05	1.304e+05	0.01	-1.00	0.0	-228.19	-2.065e+04	535.49	-3.002e+05	-8.730e+04	6.251e+05	
		-1.610e+06	-8.730e+04	-1.01e-03		203.3	-228.19	-1269.44	535.49	-2.929e+05	2.157e+04	-1.609e+06	
						406.6	-228.19	1.885e+04	535.49	-2.892e+05	1.304e+05	1.586e+05	
28	135	6.265e+05	1.229e+05	0.01	-1.00	0.0	-222.43	-2.066e+04	505.71	-3.006e+05	-8.275e+04	6.265e+05	
		-1.610e+06	-8.275e+04	-9.11e-04		203.3	-222.43	-1273.10	505.71	-2.933e+05	2.006e+04	-1.609e+06	
						406.6	-222.43	1.886e+04	505.71	-2.897e+05	1.229e+05	1.586e+05	
28	136	4.597e+05	5.053e+04	0.02	-1.02	0.0	144.33	-2.119e+04	269.43	-2.654e+05	-5.902e+04	4.597e+05	
		-1.871e+06	-5.902e+04	-1.37e-03		203.3	144.33	-1569.96	269.43	-2.580e+05	-4244.64	-1.862e+06	
						406.6	144.33	1.901e+04	269.43	-2.537e+05	5.053e+04	-1.139e+05	
28	153	5.571e+05	1.587e+05	0.02	-1.00	0.0	-63.01	-2.064e+04	732.67	-2.730e+05	-1.392e+05	5.571e+05	
		-1.683e+06	-1.392e+05	-1.61e-03		203.3	-63.01	-1309.72	732.67	-2.657e+05	9730.98	-1.681e+06	

					406.6	-63.01	1.886e+04	732.67	-2.615e+05	1.587e+05	8.134e+04
28	162	4.770e+05	8.439e+04	0.02	-1.01	0.0	116.48	-2.103e+04	430.60	-2.628e+05	-9.069e+04	4.770e+05
		-1.828e+06	-9.069e+04	-1.50e-03		203.3	116.48	-1500.84	430.60	-2.553e+05	-3154.52	-1.821e+06
						406.6	116.48	1.897e+04	430.60	-2.510e+05	8.439e+04	-6.952e+04
28	163	6.062e+05	1.246e+05	0.01	-1.00	0.0	-184.18	-2.070e+04	522.09	-2.954e+05	-8.773e+04	6.062e+05
		-1.638e+06	-8.773e+04	-1.07e-03		203.3	-184.18	-1298.99	522.09	-2.881e+05	1.841e+04	-1.636e+06
						406.6	-184.18	1.887e+04	522.09	-2.843e+05	1.246e+05	1.295e+05
28	167	6.073e+05	1.187e+05	0.01	-1.00	0.0	-179.73	-2.071e+04	499.06	-2.958e+05	-8.422e+04	6.073e+05
		-1.638e+06	-8.422e+04	-9.96e-04		203.3	-179.73	-1301.82	499.06	-2.884e+05	1.724e+04	-1.636e+06
						406.6	-179.73	1.887e+04	499.06	-2.847e+05	1.187e+05	1.294e+05
28	168	4.782e+05	6.274e+04	0.02	-1.02	0.0	103.99	-2.112e+04	316.29	-2.685e+05	-6.586e+04	4.782e+05
		-1.839e+06	-6.586e+04	-1.35e-03		203.3	103.99	-1531.45	316.29	-2.611e+05	-1556.24	-1.832e+06
						406.6	103.99	1.899e+04	316.29	-2.569e+05	6.274e+04	-8.134e+04
29	1	2.306e+06	-1638.99	2.18e-03	-1.25	0.0	39.36	-2.856e+04	105.42	-3.090e+05	-4.444e+04	2.306e+06
		-1.022e+06	-4.444e+04	-9.59e-04		203.0	39.36	-3710.15	105.42	-2.919e+05	-2.304e+04	-9.677e+05
						406.0	39.36	2.122e+04	105.42	-2.784e+05	-1638.99	8.046e+05
29	4	3.106e+06	6734.85	-1.30e-03	-1.41	0.0	312.76	-3.255e+04	85.75	-4.113e+05	-2.808e+04	3.106e+06
		-5.785e+05	-2.808e+04	-1.01e-03		203.0	312.76	-3379.30	85.75	-3.901e+05	-1.067e+04	-5.389e+05
						406.0	312.76	2.569e+04	85.75	-3.737e+05	6734.85	1.726e+06
29	5	1.399e+06	-4896.17	3.23e-03	-0.89	0.0	-89.92	-2.009e+04	90.18	-1.842e+05	-4.151e+04	1.399e+06
		-9.906e+05	-4.151e+04	-7.15e-04		203.0	-89.92	-2981.14	90.18	-1.730e+05	-2.320e+04	-9.421e+05
						406.0	-89.92	1.429e+04	90.18	-1.639e+05	-4896.17	1.987e+05
29	117	1.662e+06	-3.048e+04	2.25e-03	-0.95	0.0	134.62	-2.132e+04	-55.79	-2.252e+05	-3.048e+04	1.662e+06
		-7.861e+05	-5.313e+04	-1.37e-04		203.0	134.62	-2473.33	-55.79	-2.123e+05	-4.180e+04	-7.532e+05
						406.0	134.62	1.648e+04	-55.79	-2.020e+05	-5.313e+04	6.638e+05
29	120	1.860e+06	5.065e+04	1.23e-03	-0.96	0.0	-73.77	-2.247e+04	218.42	-2.402e+05	-3.803e+04	1.860e+06
		-7.972e+05	-3.803e+04	-1.34e-03		203.0	-73.77	-3212.43	218.42	-2.269e+05	6307.01	-7.462e+05
						406.0	-73.77	1.609e+04	218.42	-2.165e+05	5.065e+04	5.570e+05
29	133	1.605e+06	-1.428e+04	1.66e-03	-0.95	0.0	231.86	-2.103e+04	58.52	-2.330e+05	-3.804e+04	1.605e+06
		-7.652e+05	-3.804e+04	-4.78e-04		203.0	231.86	-2101.21	58.52	-2.199e+05	-2.616e+04	-7.419e+05
						406.0	231.86	1.690e+04	58.52	-2.095e+05	-1.428e+04	7.563e+05
29	134	1.877e+06	-1.128e+04	2.07e-03	-0.96	0.0	-123.67	-2.254e+04	54.75	-2.284e+05	-3.351e+04	1.877e+06
		-8.205e+05	-3.351e+04	-8.63e-04		203.0	-123.67	-3473.52	54.75	-2.154e+05	-2.240e+04	-7.626e+05
						406.0	-123.67	1.567e+04	54.75	-2.051e+05	-1.128e+04	4.712e+05
29	136	1.916e+06	1.180e+04	1.82e-03	-0.96	0.0	-171.01	-2.277e+04	104.11	-2.324e+05	-3.047e+04	1.916e+06
		-8.181e+05	-3.047e+04	-9.98e-04		203.0	-171.01	-3584.55	104.11	-2.193e+05	-9338.79	-7.575e+05
						406.0	-171.01	1.566e+04	104.11	-2.090e+05	1.180e+04	4.644e+05
29	152	1.837e+06	3.890e+04	1.34e-03	-0.96	0.0	-50.18	-2.234e+04	187.37	-2.385e+05	-3.718e+04	1.837e+06
		-7.959e+05	-3.718e+04	-1.20e-03		203.0	-50.18	-3128.75	187.37	-2.253e+05	859.94	-7.470e+05
						406.0	-50.18	1.613e+04	187.37	-2.149e+05	3.890e+04	5.691e+05
29	165	1.640e+06	-1.133e+04	1.68e-03	-0.95	0.0	186.24	-2.123e+04	63.68	-2.329e+05	-3.718e+04	1.640e+06
		-7.712e+05	-3.718e+04	-5.37e-04		203.0	186.24	-2269.15	63.68	-2.198e+05	-2.425e+04	-7.436e+05
						406.0	186.24	1.676e+04	63.68	-2.095e+05	-1.133e+04	7.233e+05
29	166	1.851e+06	-9010.19	2.00e-03	-0.96	0.0	-88.78	-2.239e+04	60.76	-2.293e+05	-3.368e+04	1.851e+06
		-8.140e+05	-3.368e+04	-8.35e-04		203.0	-88.78	-3330.72	60.76	-2.164e+05	-2.135e+04	-7.597e+05
						406.0	-88.78	1.581e+04	60.76	-2.061e+05	-9010.19	5.027e+05
29	168	1.881e+06	8843.18	1.80e-03	-0.96	0.0	-125.40	-2.257e+04	98.95	-2.324e+05	-3.133e+04	1.881e+06
		-8.121e+05	-3.133e+04	-9.40e-04		203.0	-125.40	-3416.60	98.95	-2.194e+05	-1.124e+04	-7.557e+05
						406.0	-125.40	1.580e+04	98.95	-2.091e+05	8843.18	4.975e+05
29	174	1.839e+06	4896.32	1.93e-03	-0.96	0.0	-54.36	-2.232e+04	121.53	-2.314e+05	-4.444e+04	1.839e+06
		-8.099e+05	-4.444e+04	-7.43e-04		203.0	-54.36	-3263.38	121.53	-2.185e+05	-1.977e+04	-7.573e+05
						406.0	-54.36	1.587e+04	121.53	-2.083e+05	4896.32	5.180e+05
30	4	3.280e+06	5113.16	0.01	-1.41	0.0	341.13	-2.286e+04	206.03	1.006e+06	-7.843e+04	1.148e+06
		-7.470e+05	-7.843e+04	-4.36e-04		202.8	341.13	5123.37	206.03	1.011e+06	-3.666e+04	-6.620e+05
						405.5	341.13	3.390e+04	206.03	1.029e+06	5113.16	3.280e+06
30	5	1.470e+06	-6893.92	4.49e-03	-0.89	0.0	30.38	-1.640e+04	-83.87	5.310e+05	-6893.92	1.321e+06
		-3.126e+05	-4.090e+04	1.89e-04		202.8	30.38	323.35	-83.87	5.334e+05	-2.390e+04	-3.126e+05
						405.5	30.38	1.731e+04	-83.87	5.424e+05	-4.090e+04	1.470e+06
30	114	1.802e+06	6.283e+04	6.78e-03	-0.95	0.0	31.55	-1.680e+04	-363.35	6.100e+05	6.283e+04	1.176e+06
		-3.912e+05	-8.451e+04	8.63e-04		202.8	31.55	1475.81	-363.35	6.129e+05	-1.084e+04	-3.830e+05
						405.5	31.55	2.015e+04	-363.35	6.233e+05	-8.451e+04	1.802e+06
30	115	1.907e+06	3.531e+04	6.20e-03	-0.96	0.0	197.98	-1.688e+04	371.92	6.294e+05	-1.155e+05	1.147e+06
		-4.016e+05	-1.155e+05	-9.11e-04		202.8	197.98	1810.75	371.92	6.324e+05	-4.010e+04	-3.856e+05
						405.5	197.98	2.087e+04	371.92	6.432e+05	3.531e+04	1.907e+06
30	117	1.812e+06	6.964e+04	6.27e-03	-0.95	0.0	38.24	-1.658e+04	-410.34	6.099e+05	6.964e+04	1.100e+06
		-4.282e+05	-9.675e+04	1.03e-03		202.8	38.24	1692.45	-410.34	6.129e+05	-1.356e+04	-4.145e+05
						405.5	38.24	2.034e+04	-410.34	6.233e+05	-9.675e+04	1.812e+06
30	120	1.896e+06	4.756e+04	6.71e-03	-0.96	0.0	191.30	-1.709e+04	418.92	6.295e+05	-1.223e+05	1.223e+06
		-3.647e+05	-1.223e+05	-1.08e-03		202.8	191.30	1594.12	418.92	6.325e+05	-3.738e+04	-3.542e+05
						405.5	191.30	2.068e+04	418.92	6.432e+05	4.756e+04	1.896e+06
30	123	1.916e+06	1.440e+04	6.38e-03	-0.96	0.0	125.07	-1.682e+04	253.84	6.282e+05	-8.853e+04	1.137e+06
		-4.027e+05	-8.853e+04	-4.99e-04		202.8	125.07	1857.84	253.84	6.312e+05	-3.707e+04	-3.854e+05
						405.5	125.07	2.091e+04	253.84	6.420e+05	1.440e+04	1.916e+06
30	129	1.858e+06	-2452.50	5.55e-03	-0.95	0.0	152.64	-1.641e+04	-130.72	6.145e+05	-2452.50	1.020e+06
		-4.664e+05	-5.546e+04	6.25e-04		202.8	152.64	2010.42	-130.72	6.175e+05	-2.896e+04	-4.449e+05
						405.5	152.64	2.077e+04	-130.72	6.282e+05	-5.546e+04	1.858e+06
30	146	1.814e+06	4.264e+04	6.72e-03	-0.95	0.0	50.40	-1.681e+04	-280.10	6.122e+05	4.264e+04	1.173e+06

		-3.924e+05	-7.094e+04	6.62e-04		202.8	50.40	1513.73	-280.10	6.151e+05	-1.415e+04	-3.833e+05
						405.5	50.40	2.023e+04	-280.10	6.255e+05	-7.094e+04	1.814e+06
30	147	1.895e+06	2.174e+04	6.26e-03	-0.96	0.0	179.14	-1.687e+04	288.68	6.272e+05	-9.531e+04	1.150e+06
		-4.005e+05	-9.531e+04	-7.10e-04		202.8	179.14	1772.83	288.68	6.302e+05	-3.679e+04	-3.853e+05
						405.5	179.14	2.079e+04	288.68	6.410e+05	2.174e+04	1.895e+06
30	149	1.822e+06	4.791e+04	6.32e-03	-0.95	0.0	55.57	-1.664e+04	-316.45	6.121e+05	4.791e+04	1.114e+06
		-4.210e+05	-8.042e+04	7.93e-04		202.8	55.57	1681.31	-316.45	6.151e+05	-1.626e+04	-4.076e+05
						405.5	55.57	2.038e+04	-316.45	6.256e+05	-8.042e+04	1.822e+06
30	152	1.887e+06	3.122e+04	6.66e-03	-0.96	0.0	173.97	-1.703e+04	325.03	6.273e+05	-1.006e+05	1.209e+06
		-3.719e+05	-1.006e+05	-8.41e-04		202.8	173.97	1605.25	325.03	6.302e+05	-3.468e+04	-3.610e+05
						405.5	173.97	2.064e+04	325.03	6.409e+05	3.122e+04	1.887e+06
30	155	1.902e+06	5569.39	6.41e-03	-0.96	0.0	122.74	-1.682e+04	197.34	6.262e+05	-7.445e+04	1.142e+06
		-4.013e+05	-7.445e+04	-3.91e-04		202.8	122.74	1809.25	197.34	6.293e+05	-3.444e+04	-3.852e+05
						405.5	122.74	2.082e+04	197.34	6.400e+05	5569.39	1.902e+06
30	161	1.857e+06	-7860.81	5.76e-03	-0.95	0.0	144.07	-1.651e+04	-100.15	6.156e+05	-7860.81	1.052e+06
		-4.506e+05	-4.847e+04	4.78e-04		202.8	144.07	1927.29	-100.15	6.187e+05	-2.817e+04	-4.312e+05
						405.5	144.07	2.071e+04	-100.15	6.293e+05	-4.847e+04	1.857e+06
31	1	1.433e+06	2.494e+04	4.49e-03	-1.19	0.0	375.81	-1.941e+04	-136.56	3.940e+05	2.494e+04	-7068.41
		-1.644e+06	-2.970e+04	6.24e-04		200.1	375.81	3553.03	-136.56	3.861e+05	-2377.36	-1.591e+06
						400.1	375.81	2.678e+04	-136.56	3.828e+05	-2.970e+04	1.433e+06
31	4	1.108e+06	1.872e+04	4.39e-03	-1.33	0.0	479.44	-2.444e+04	-136.65	5.051e+05	1.872e+04	1.419e+05
		-2.075e+06	-3.595e+04	5.59e-04		200.1	479.44	2392.84	-136.65	4.952e+05	-8612.73	-2.057e+06
						400.1	479.44	2.935e+04	-136.65	4.912e+05	-3.595e+04	1.108e+06
31	5	1.251e+06	2.120e+04	4.21e-03	-0.85	0.0	247.79	-1.260e+04	-101.19	2.498e+05	2.120e+04	-7.473e+04
		-1.073e+06	-1.928e+04	5.00e-04		200.1	247.79	3267.99	-101.19	2.447e+05	958.68	-1.009e+06
						400.1	247.79	1.941e+04	-101.19	2.424e+05	-1.928e+04	1.251e+06
31	9	1.395e+06	2.572e+04	4.43e-03	-1.20	0.0	377.52	-2.001e+04	-143.55	4.104e+05	2.572e+04	1.072e+04
		-1.695e+06	-3.172e+04	6.34e-04		200.1	377.52	3415.22	-143.55	4.023e+05	-2999.80	-1.646e+06
						400.1	377.52	2.709e+04	-143.55	3.990e+05	-3.172e+04	1.395e+06
31	119	1.144e+06	1.633e+04	3.34e-03	-0.92	0.0	219.48	-1.495e+04	-173.54	3.189e+05	1.633e+04	-2.394e+04
		-1.274e+06	-5.311e+04	3.83e-04		200.1	219.48	2883.90	-173.54	3.126e+05	-1.839e+04	-1.229e+06
						400.1	219.48	2.092e+04	-173.54	3.099e+05	-5.311e+04	1.144e+06
31	124	1.111e+06	5.202e+04	4.04e-03	-0.92	0.0	339.96	-1.496e+04	-322.78	3.122e+05	5.202e+04	-5738.29
		-1.268e+06	-7.713e+04	5.27e-04		200.1	339.96	2746.27	-322.78	3.059e+05	-1.255e+04	-1.227e+06
						400.1	339.96	2.071e+04	-322.78	3.033e+05	-7.713e+04	1.111e+06
31	131	1.170e+06	-1096.89	2.75e-03	-0.92	0.0	18.47	-1.484e+04	43.80	3.079e+05	-1.862e+04	-4.282e+04
		-1.270e+06	-1.862e+04	7.50e-04		200.1	18.47	3009.45	43.80	3.018e+05	-9858.41	-1.223e+06
						400.1	18.47	2.098e+04	43.80	2.993e+05	-1096.89	1.170e+06
31	136	1.055e+06	6.168e+04	4.90e-03	-0.91	0.0	557.80	-1.495e+04	-320.25	3.020e+05	6.168e+04	2.315e+04
		-1.255e+06	-6.645e+04	2.12e-04		200.1	557.80	2528.75	-320.25	2.958e+05	-2382.01	-1.219e+06
						400.1	557.80	2.031e+04	-320.25	2.931e+05	-6.645e+04	1.055e+06
31	142	1.052e+06	7380.42	4.47e-03	-0.91	0.0	579.55	-1.490e+04	-38.11	2.929e+05	7380.42	2.591e+04
		-1.248e+06	-7867.64	3.38e-04		200.1	579.55	2517.25	-38.11	2.869e+05	-243.61	-1.212e+06
						400.1	579.55	2.021e+04	-38.11	2.843e+05	-7867.64	1.052e+06
31	143	1.160e+06	3.010e+04	2.85e-03	-0.92	0.0	3.82	-1.483e+04	-167.27	3.081e+05	3.010e+04	-4.101e+04
		-1.270e+06	-3.682e+04	6.11e-04		200.1	3.82	2977.56	-167.27	3.020e+05	-3359.69	-1.224e+06
						400.1	3.82	2.092e+04	-167.27	2.995e+05	-3.682e+04	1.160e+06
31	151	1.135e+06	1.687e+04	3.36e-03	-0.92	0.0	235.83	-1.493e+04	-157.49	3.148e+05	1.687e+04	-2.023e+04
		-1.270e+06	-4.614e+04	4.03e-04		200.1	235.83	2852.99	-157.49	3.085e+05	-1.463e+04	-1.227e+06
						400.1	235.83	2.084e+04	-157.49	3.059e+05	-4.614e+04	1.135e+06
31	156	1.110e+06	4.448e+04	3.89e-03	-0.92	0.0	329.03	-1.494e+04	-272.94	3.096e+05	4.448e+04	-6148.98
		-1.266e+06	-6.472e+04	5.15e-04		200.1	329.03	2746.53	-272.94	3.033e+05	-1.012e+04	-1.225e+06
						400.1	329.03	2.068e+04	-272.94	3.007e+05	-6.472e+04	1.110e+06
31	163	1.156e+06	-5908.15	2.88e-03	-0.92	0.0	80.34	-1.484e+04	10.63	3.062e+05	-1.016e+04	-3.483e+04
		-1.268e+06	-1.016e+04	6.88e-04		200.1	80.34	2950.12	10.63	3.001e+05	-8034.06	-1.222e+06
						400.1	80.34	2.088e+04	10.63	2.977e+05	-5908.15	1.156e+06
31	168	1.067e+06	5.196e+04	4.51e-03	-0.91	0.0	497.54	-1.493e+04	-270.99	3.017e+05	5.196e+04	1.620e+04
		-1.256e+06	-5.646e+04	2.68e-04		200.1	497.54	2578.27	-270.99	2.955e+05	-2250.60	-1.219e+06
						400.1	497.54	2.036e+04	-270.99	2.928e+05	-5.646e+04	1.067e+06
31	174	1.064e+06	9952.94	4.18e-03	-0.91	0.0	514.37	-1.489e+04	-52.73	2.946e+05	9952.94	1.833e+04
		-1.251e+06	-1.115e+04	3.69e-04		200.1	514.37	2569.36	-52.73	2.886e+05	-596.41	-1.214e+06
						400.1	514.37	2.029e+04	-52.73	2.860e+05	-1.115e+04	1.064e+06
31	175	1.148e+06	2.753e+04	2.96e-03	-0.91	0.0	69.00	-1.484e+04	-152.64	3.064e+05	2.753e+04	-3.344e+04
		-1.268e+06	-3.354e+04	5.80e-04		200.1	69.00	2925.45	-152.64	3.003e+05	-3006.90	-1.222e+06
						400.1	69.00	2.084e+04	-152.64	2.978e+05	-3.354e+04	1.148e+06
32	4	1.490e+06	-1.408e+04	0.04	-1.37	0.0	-140.54	-2.077e+04	-49.40	-1.787e+05	-1.408e+04	-1.029e+06
		-2.774e+06	-3.492e+04	-3.56e-04		210.9	-140.54	5572.96	-49.40	-1.780e+05	-2.450e+04	-2.659e+06
						421.8	-140.54	3.429e+04	-49.40	-1.797e+05	-3.492e+04	1.490e+06
32	5	7.666e+05	-2327.71	0.02	-0.87	0.0	-479.19	-1.211e+04	8.44	-9.624e+04	-5887.34	-9.235e+05
		-1.900e+06	-5887.34	-2.37e-04		210.9	-479.19	3829.23	8.44	-9.507e+04	-4107.53	-1.805e+06
						421.8	-479.19	2.081e+04	8.44	-9.515e+04	-2327.71	7.666e+05
32	117	9.087e+05	6.509e+04	0.02	-0.93	0.0	-300.98	-1.322e+04	153.16	-1.312e+05	488.43	-9.182e+05
		-1.991e+06	488.43	-3.03e-04		210.9	-300.98	4109.88	153.16	-1.299e+05	3.279e+04	-1.891e+06
						421.8	-300.98	2.274e+04	153.16	-1.304e+05	6.509e+04	9.087e+05
32	120	9.023e+05	-1.588e+04	0.02	-0.94	0.0	-388.07	-1.381e+04	-169.95	-9.128e+04	-1.588e+04	-8.357e+05
		-1.981e+06	-8.756e+04	-2.48e-04		210.9	-388.07	3891.66	-169.95	-9.068e+04	-5.172e+04	-1.895e+06
						421.8	-388.07	2.295e+04	-169.95	-9.128e+04	-8.756e+04	9.023e+05

32	125	9.136e+05	3.824e+04	0.02	-0.93	0.0	-206.57	-1.318e+04	91.25	-1.290e+05	-248.42	-9.233e+05
		-1.992e+06	-248.42	-3.19e-04		210.9	-206.57	4132.58	91.25	-1.277e+05	1.900e+04	-1.890e+06
						421.8	-206.57	2.276e+04	91.25	-1.282e+05	3.824e+04	9.136e+05
32	126	9.114e+05	1.190e+04	0.02	-0.93	0.0	-154.96	-1.323e+04	57.87	-1.124e+05	-1.251e+04	-9.270e+05
		-1.999e+06	-1.251e+04	-9.75e-06		210.9	-154.96	4138.82	57.87	-1.116e+05	-301.41	-1.898e+06
						421.8	-154.96	2.281e+04	57.87	-1.123e+05	1.190e+04	9.114e+05
32	127	8.996e+05	-2884.37	0.02	-0.94	0.0	-534.08	-1.380e+04	-74.66	-1.100e+05	-2884.37	-8.269e+05
		-1.973e+06	-3.438e+04	-4.95e-04		210.9	-534.08	3862.73	-74.66	-1.090e+05	-1.863e+04	-1.889e+06
						421.8	-534.08	2.289e+04	-74.66	-1.094e+05	-3.438e+04	8.996e+05
32	142	9.041e+05	-2.773e+04	0.02	-0.94	0.0	-209.39	-1.350e+04	-39.15	-8.647e+04	-2.773e+04	-8.976e+05
		-2.002e+06	-4.424e+04	3.33e-04		210.9	-209.39	4051.65	-39.15	-8.628e+04	-3.599e+04	-1.907e+06
						421.8	-209.39	2.291e+04	-39.15	-8.722e+04	-4.424e+04	9.041e+05
32	149	9.080e+05	4.781e+04	0.02	-0.93	0.0	-310.84	-1.329e+04	116.58	-1.267e+05	-1364.66	-9.088e+05
		-1.990e+06	-1364.66	-2.74e-04		210.9	-310.84	4085.17	116.58	-1.255e+05	2.322e+04	-1.892e+06
						421.8	-310.84	2.277e+04	116.58	-1.260e+05	4.781e+04	9.080e+05
32	152	9.031e+05	-1.403e+04	0.02	-0.94	0.0	-378.21	-1.375e+04	-133.37	-9.580e+04	-1.403e+04	-8.451e+05
		-1.983e+06	-7.028e+04	-2.49e-04		210.9	-378.21	3916.37	-133.37	-9.512e+04	-4.215e+04	-1.895e+06
						421.8	-378.21	2.293e+04	-133.37	-9.571e+04	-7.028e+04	9.031e+05
32	157	9.117e+05	2.704e+04	0.02	-0.93	0.0	-237.81	-1.326e+04	68.69	-1.250e+05	-1934.66	-9.128e+05
		-1.990e+06	-1934.66	-3.01e-04		210.9	-237.81	4102.73	68.69	-1.238e+05	1.255e+04	-1.891e+06
						421.8	-237.81	2.278e+04	68.69	-1.242e+05	2.704e+04	9.117e+05
32	158	9.101e+05	6663.54	0.02	-0.93	0.0	-197.89	-1.329e+04	42.86	-1.122e+05	-1.142e+04	-9.157e+05
		-1.996e+06	-1.142e+04	-6.08e-05		210.9	-197.89	4107.56	42.86	-1.113e+05	-2376.63	-1.897e+06
						421.8	-197.89	2.282e+04	42.86	-1.120e+05	6663.54	9.101e+05
32	159	9.009e+05	-3973.74	0.02	-0.94	0.0	-491.16	-1.374e+04	-59.66	-1.103e+05	-3973.74	-8.382e+05
		-1.976e+06	-2.914e+04	-4.40e-04		210.9	-491.16	3893.98	-59.66	-1.093e+05	-1.656e+04	-1.890e+06
						421.8	-491.16	2.288e+04	-59.66	-1.097e+05	-2.914e+04	9.009e+05
32	174	9.044e+05	-2.319e+04	0.02	-0.94	0.0	-239.99	-1.351e+04	-32.18	-9.208e+04	-2.319e+04	-8.929e+05
		-1.999e+06	-3.677e+04	2.23e-04		210.9	-239.99	4040.13	-32.18	-9.172e+04	-2.998e+04	-1.904e+06
						421.8	-239.99	2.289e+04	-32.18	-9.257e+04	-3.677e+04	9.044e+05
33	1	3.431e+06	-1.321e+04	-9.66e-03	-1.15	0.0	-105.75	-3.414e+04	76.58	-1.690e+05	-4.550e+04	3.431e+06
		-1.864e+06	-4.550e+04	2.61e-04		210.8	-105.75	-1.095e+04	76.58	-1.636e+05	-2.935e+04	-1.305e+06
						421.7	-105.75	1.154e+04	76.58	-1.604e+05	-1.321e+04	-1.239e+06
33	4	3.622e+06	-1.662e+04	3.15e-03	-1.23	0.0	259.06	-3.674e+04	15.43	-2.005e+05	-2.313e+04	3.622e+06
		-1.926e+06	-2.313e+04	2.79e-04		210.8	259.06	-1.115e+04	15.43	-1.949e+05	-1.988e+04	-1.419e+06
						421.7	259.06	1.429e+04	15.43	-1.918e+05	-1.662e+04	-1.094e+06
33	5	2.514e+06	-8478.69	-0.01	-0.85	0.0	-238.46	-2.484e+04	86.15	-1.160e+05	-4.481e+04	2.514e+06
		-1.378e+06	-4.481e+04	1.98e-04		210.8	-238.46	-8130.49	86.15	-1.120e+05	-2.664e+04	-9.453e+05
						421.7	-238.46	7808.38	86.15	-1.095e+05	-8478.69	-9.715e+05
33	11	3.621e+06	-1.597e+04	4.12e-03	-1.21	0.0	167.33	-3.640e+04	29.67	-1.929e+05	-2.849e+04	3.621e+06
		-1.942e+06	-2.849e+04	2.76e-04		210.8	167.33	-1.132e+04	29.67	-1.873e+05	-2.223e+04	-1.401e+06
						421.7	167.33	1.346e+04	29.67	-1.842e+05	-1.597e+04	-1.178e+06
33	122	2.524e+06	-1.579e+04	-8.48e-03	-0.89	0.0	209.43	-2.587e+04	81.16	-1.449e+05	-5.001e+04	2.524e+06
		-1.446e+06	-5.001e+04	3.01e-04		210.8	209.43	-8116.52	81.16	-1.406e+05	-3.290e+04	-1.045e+06
						421.7	209.43	9038.60	81.16	-1.381e+05	-1.579e+04	-9.436e+05
33	126	2.526e+06	-1.652e+04	-8.51e-03	-0.89	0.0	215.80	-2.588e+04	56.58	-1.435e+05	-4.038e+04	2.526e+06
		-1.446e+06	-4.038e+04	4.54e-04		210.8	215.80	-8122.30	56.58	-1.391e+05	-2.845e+04	-1.044e+06
						421.7	215.80	9036.68	56.58	-1.367e+05	-1.652e+04	-9.436e+05
33	127	2.703e+06	-3588.77	-6.08e-03	-0.88	0.0	-374.64	-2.630e+04	61.73	-1.164e+05	-2.962e+04	2.703e+06
		-1.388e+06	-2.962e+04	-8.67e-05		210.8	-374.64	-8477.88	61.73	-1.124e+05	-1.660e+04	-9.533e+05
						421.7	-374.64	8886.07	61.73	-1.100e+05	-3588.77	-9.078e+05
33	128	2.743e+06	2.575e+04	-6.36e-03	-0.89	0.0	-303.43	-2.650e+04	-108.07	-1.221e+05	2.575e+04	2.743e+06
		-1.388e+06	-1.982e+04	3.73e-04		210.8	-303.43	-8583.14	-108.07	-1.186e+05	2967.30	-9.448e+05
						421.7	-303.43	8854.83	-108.07	-1.166e+05	-1.982e+04	-9.134e+05
33	137	2.521e+06	1.773e+04	-7.15e-03	-0.88	0.0	-146.68	-2.569e+04	387.40	-1.240e+05	-1.456e+05	2.521e+06
		-1.423e+06	-1.456e+05	-5.53e-04		210.8	-146.68	-8067.93	387.40	-1.190e+05	-6.396e+04	-1.025e+06
						421.7	-146.68	9034.16	387.40	-1.155e+05	1.773e+04	-9.204e+05
33	140	2.708e+06	7.564e+04	-7.43e-03	-0.89	0.0	-12.17	-2.649e+04	-269.09	-1.359e+05	7.564e+04	2.708e+06
		-1.410e+06	-3.784e+04	9.21e-04		210.8	-12.17	-8532.26	-269.09	-1.326e+05	1.890e+04	-9.723e+05
						421.7	-12.17	8888.58	-269.09	-1.311e+05	-3.784e+04	-9.309e+05
33	154	2.544e+06	-1.449e+04	-8.21e-03	-0.89	0.0	144.02	-2.592e+04	76.18	-1.415e+05	-4.661e+04	2.544e+06
		-1.439e+06	-4.661e+04	2.78e-04		210.8	144.02	-8158.09	76.18	-1.372e+05	-3.055e+04	-1.035e+06
						421.7	144.02	9021.11	76.18	-1.348e+05	-1.449e+04	-9.395e+05
33	158	2.546e+06	-1.506e+04	-8.23e-03	-0.89	0.0	148.95	-2.593e+04	57.16	-1.404e+05	-3.916e+04	2.546e+06
		-1.439e+06	-3.916e+04	3.93e-04		210.8	148.95	-8162.56	57.16	-1.361e+05	-2.711e+04	-1.034e+06
						421.7	148.95	9019.63	57.16	-1.337e+05	-1.506e+04	-9.395e+05
33	159	2.683e+06	-5052.90	-6.35e-03	-0.88	0.0	-307.79	-2.625e+04	61.14	-1.195e+05	-3.084e+04	2.683e+06
		-1.394e+06	-3.084e+04	6.14e-05		210.8	-307.79	-8437.62	61.14	-1.155e+05	-1.795e+04	-9.636e+05
						421.7	-307.79	8903.12	61.14	-1.130e+05	-5052.90	-9.118e+05
33	160	2.714e+06	1.200e+04	-6.57e-03	-0.89	0.0	-252.71	-2.641e+04	-70.20	-1.239e+05	1.200e+04	2.714e+06
		-1.395e+06	-1.761e+04	3.30e-04		210.8	-252.71	-8519.05	-70.20	-1.202e+05	-2805.60	-9.571e+05
						421.7	-252.71	8878.96	-70.20	-1.181e+05	-1.761e+04	-9.162e+05
33	169	2.542e+06	1.144e+04	-7.18e-03	-0.88	0.0	-131.45	-2.578e+04	313.07	-1.253e+05	-1.206e+05	2.542e+06
		-1.422e+06	-1.206e+05	-3.86e-04		210.8	-131.45	-8120.50	313.07	-1.205e+05	-5.458e+04	-1.019e+06
						421.7	-131.45	9017.68	313.07	-1.173e+05	1.144e+04	-9.216e+05
33	172	2.687e+06	5.059e+04	-7.40e-03	-0.89	0.0	-27.40	-2.640e+04	-194.77	-1.346e+05	5.059e+04	2.687e+06
		-1.412e+06	-3.154e+04	7.54e-04		210.8	-27.40	-8479.69	-194.77	-1.311e+05	9521.45	-9.783e+05

					421.7	-27.40	8905.07	-194.77	-1.293e+05	-3.154e+04	-9.298e+05	
34	4	3.445e+06	1.568e+05	0.03	-1.28	0.0	201.68	-1.657e+04	-352.30	-8028.46	1.568e+05	-1.163e+05
		-1.305e+06	7937.57	-6.20e-04		211.2	201.68	8101.86	-352.30	-6134.86	8.236e+04	-1.039e+06
						422.5	201.68	3.470e+04	-352.30	-4322.77	7937.57	3.445e+06
34	5	1.532e+06	1.280e+05	7.70e-03	-0.84	0.0	-176.85	-1.300e+04	-286.14	-7.195e+04	1.280e+05	1.738e+05
		-9.315e+05	7068.61	-5.10e-04		211.2	-176.85	3129.44	-286.14	-7.270e+04	6.752e+04	-8.736e+05
						422.5	-176.85	1.976e+04	-286.14	-7.441e+04	7068.61	1.532e+06
34	7	2.389e+06	1.215e+05	-0.02	-0.95	0.0	98.03	-1.273e+04	-272.82	-2.241e+04	1.215e+05	-3.376e+04
		-9.815e+05	6228.63	-4.85e-04		211.2	98.03	5517.44	-272.82	-2.145e+04	6.386e+04	-8.136e+05
						422.5	98.03	2.504e+04	-272.82	-2.078e+04	6228.63	2.389e+06
34	9	2.641e+06	1.633e+05	0.02	-1.18	0.0	-67.05	-1.687e+04	-365.78	-5.420e+04	1.633e+05	8.169e+04
		-1.254e+06	8779.36	-6.43e-04		211.2	-67.05	5855.10	-365.78	-5.391e+04	8.605e+04	-1.097e+06
						422.5	-67.05	2.977e+04	-365.78	-5.433e+04	8779.36	2.641e+06
34	126	1.933e+06	1.660e+05	0.01	-0.89	0.0	155.53	-1.273e+04	-403.12	-6.801e+04	1.660e+05	3.448e+04
		-9.757e+05	-4282.27	-3.79e-04		211.2	155.53	4351.28	-403.12	-6.753e+04	8.088e+04	-8.604e+05
						422.5	155.53	2.226e+04	-403.12	-6.796e+04	-4282.27	1.933e+06
34	133	1.968e+06	8.784e+04	0.01	-0.88	0.0	-236.87	-1.248e+04	-110.18	-4.227e+04	8.784e+04	3.021e+04
		-9.521e+05	4.129e+04	-7.22e-04		211.2	-236.87	4430.20	-110.18	-4.165e+04	6.457e+04	-8.318e+05
						422.5	-236.87	2.225e+04	-110.18	-4.159e+04	4.129e+04	1.968e+06
34	134	1.913e+06	1.741e+05	0.01	-0.90	0.0	222.34	-1.316e+04	-478.37	-6.423e+04	1.741e+05	9.335e+04
		-9.704e+05	-2.801e+04	-3.53e-04		211.2	222.34	4170.05	-478.37	-6.441e+04	7.305e+04	-8.663e+05
						422.5	222.34	2.230e+04	-478.37	-6.545e+04	-2.801e+04	1.913e+06
34	135	1.967e+06	7.649e+04	0.01	-0.89	0.0	-335.18	-1.266e+04	-82.92	-3.150e+04	7.649e+04	6.235e+04
		-9.424e+05	4.145e+04	-7.53e-04		211.2	-335.18	4352.16	-82.92	-3.121e+04	5.897e+04	-8.268e+05
						422.5	-335.18	2.228e+04	-82.92	-3.135e+04	4.145e+04	1.967e+06
34	140	1.912e+06	1.992e+05	0.01	-0.90	0.0	65.94	-1.336e+04	-540.93	-5.042e+04	1.992e+05	1.249e+05
		-9.629e+05	-2.936e+04	3.82e-04		211.2	65.94	4096.46	-540.93	-5.094e+04	8.491e+04	-8.634e+05
						422.5	65.94	2.234e+04	-540.93	-5.214e+04	-2.936e+04	1.912e+06
34	142	1.913e+06	2.037e+05	0.01	-0.90	0.0	153.09	-1.320e+04	-551.07	-6.056e+04	2.037e+05	9.579e+04
		-9.716e+05	-2.915e+04	4.38e-04		211.2	153.09	4167.15	-551.07	-6.078e+04	8.727e+04	-8.679e+05
						422.5	153.09	2.232e+04	-551.07	-6.181e+04	-2.915e+04	1.913e+06
34	158	1.935e+06	1.568e+05	0.01	-0.89	0.0	107.53	-1.277e+04	-375.39	-6.345e+04	1.568e+05	4.430e+04
		-9.713e+05	-1790.76	-4.00e-04		211.2	107.53	4330.86	-375.39	-6.307e+04	7.751e+04	-8.573e+05
						422.5	107.53	2.227e+04	-375.39	-6.353e+04	-1790.76	1.935e+06
34	165	1.961e+06	9.632e+04	0.01	-0.89	0.0	-196.01	-1.258e+04	-148.78	-4.354e+04	9.632e+04	4.099e+04
		-9.531e+05	3.346e+04	-6.66e-04		211.2	-196.01	4391.91	-148.78	-4.305e+04	6.489e+04	-8.351e+05
						422.5	-196.01	2.226e+04	-148.78	-4.313e+04	3.346e+04	1.961e+06
34	166	1.919e+06	1.630e+05	0.01	-0.89	0.0	159.22	-1.311e+04	-433.60	-6.053e+04	1.630e+05	8.984e+04
		-9.672e+05	-2.015e+04	-3.78e-04		211.2	159.22	4190.67	-433.60	-6.065e+04	7.145e+04	-8.618e+05
						422.5	159.22	2.230e+04	-433.60	-6.159e+04	-2.015e+04	1.919e+06
34	167	1.961e+06	8.754e+04	0.01	-0.89	0.0	-272.06	-1.272e+04	-127.69	-3.520e+04	8.754e+04	6.586e+04
		-9.455e+05	3.359e+04	-6.87e-04		211.2	-272.06	4331.54	-127.69	-3.497e+04	6.056e+04	-8.313e+05
						422.5	-272.06	2.228e+04	-127.69	-3.521e+04	3.359e+04	1.961e+06
34	172	1.918e+06	1.825e+05	0.01	-0.90	0.0	38.24	-1.326e+04	-481.99	-4.985e+04	1.825e+05	1.143e+05
		-9.614e+05	-2.119e+04	-2.60e-04		211.2	38.24	4133.74	-481.99	-5.024e+04	8.063e+04	-8.596e+05
						422.5	38.24	2.233e+04	-481.99	-5.129e+04	-2.119e+04	1.918e+06
34	174	1.919e+06	1.859e+05	0.01	-0.89	0.0	105.65	-1.314e+04	-489.83	-5.769e+04	1.859e+05	9.173e+04
		-9.682e+05	-2.103e+04	-2.52e-04		211.2	105.65	4188.43	-489.83	-5.784e+04	8.245e+04	-8.630e+05
						422.5	105.65	2.231e+04	-489.83	-5.877e+04	-2.103e+04	1.919e+06
35	1	2.523e+06	1.092e+04	0.02	-1.23	0.0	-87.50	-3.040e+04	-297.51	-6.718e+04	1.092e+04	2.523e+06
		-1.471e+06	-1.143e+05	1.64e-04		210.5	-87.50	-5996.62	-297.51	-6.875e+04	-5.170e+04	-1.319e+06
						421.0	-87.50	1.933e+04	-297.51	-7.123e+04	-1.143e+05	6.155e+04
35	4	3.427e+06	9775.39	0.02	-1.37	0.0	177.35	-3.628e+04	-272.38	-7558.45	9775.39	3.427e+06
		-1.521e+06	-1.049e+05	1.57e-04		210.5	177.35	-8237.93	-272.38	-5831.30	-4.756e+04	-1.276e+06
						421.0	177.35	2.102e+04	-272.38	-4181.08	-1.049e+05	4.144e+04
35	5	1.525e+06	8873.26	0.01	-0.89	0.0	-175.82	-2.065e+04	-239.30	-7.989e+04	8873.26	1.525e+06
		-1.104e+06	-9.187e+04	1.27e-04		210.5	-175.82	-3569.98	-239.30	-8.262e+04	-4.150e+04	-1.030e+06
						421.0	-175.82	1.409e+04	-239.30	-8.643e+04	-9.187e+04	6.179e+04
35	126	1.909e+06	-1639.85	0.01	-0.94	0.0	-49.73	-2.311e+04	-268.96	-6.526e+04	-1639.85	1.909e+06
		-1.122e+06	-1.149e+05	3.00e-04		210.5	-49.73	-4523.76	-268.96	-6.657e+04	-5.826e+04	-1.009e+06
						421.0	-49.73	1.477e+04	-268.96	-6.874e+04	-1.149e+05	5.219e+04
35	129	1.955e+06	4.013e+04	0.01	-0.94	0.0	-251.08	-2.317e+04	-328.62	-6.740e+04	4.013e+04	1.955e+06
		-1.095e+06	-9.822e+04	1.88e-04		210.5	-251.08	-4601.90	-328.62	-6.808e+04	-2.904e+04	-9.774e+05
						421.0	-251.08	1.469e+04	-328.62	-6.965e+04	-9.822e+04	6.692e+04
35	132	1.906e+06	-2.337e+04	0.01	-0.95	0.0	126.05	-2.343e+04	-128.30	-3.817e+04	-2.337e+04	1.906e+06
		-1.161e+06	-7.738e+04	-2.23e-04		210.5	126.05	-4557.52	-128.30	-3.999e+04	-5.038e+04	-1.047e+06
						421.0	126.05	1.500e+04	-128.30	-4.234e+04	-7.738e+04	3.447e+04
35	135	1.962e+06	3.983e+04	0.01	-0.94	0.0	-234.18	-2.328e+04	-312.53	-5.805e+04	3.983e+04	1.962e+06
		-1.103e+06	-9.175e+04	1.41e-04		210.5	-234.18	-4625.27	-312.53	-5.878e+04	-2.596e+04	-9.847e+05
						421.0	-234.18	1.476e+04	-312.53	-6.027e+04	-9.175e+04	6.413e+04
35	136	1.907e+06	-2.301e+04	0.01	-0.95	0.0	125.56	-2.344e+04	-112.96	-3.786e+04	-2.301e+04	1.907e+06
		-1.162e+06	-7.057e+04	-2.02e-04		210.5	125.56	-4560.42	-112.96	-3.970e+04	-4.679e+04	-1.048e+06
						421.0	125.56	1.501e+04	-112.96	-4.206e+04	-7.057e+04	3.417e+04
35	137	1.954e+06	4.187e+04	0.01	-0.94	0.0	-204.98	-2.317e+04	-268.45	-6.935e+04	4.187e+04	1.954e+06
		-1.097e+06	-7.115e+04	-4.45e-04		210.5	-204.98	-4610.02	-268.45	-7.007e+04	-1.464e+04	-9.789e+05
						421.0	-204.98	1.469e+04	-268.45	-7.171e+04	-7.115e+04	6.416e+04
35	158	1.914e+06	629.58	0.01	-0.94	0.0	-52.63	-2.316e+04	-259.79	-6.244e+04	629.58	1.914e+06

		-1.124e+06	-1.087e+05	2.59e-04		210.5	-52.63	-4536.43	-259.79	-6.373e+04	-5.406e+04	-1.009e+06
						421.0	-52.63	1.479e+04	-259.79	-6.586e+04	-1.087e+05	5.185e+04
35	161	1.949e+06	3.294e+04	0.01	-0.94	0.0	-208.38	-2.320e+04	-305.94	-6.409e+04	3.294e+04	1.949e+06
		-1.103e+06	-9.586e+04	1.70e-04		210.5	-208.38	-4596.88	-305.94	-6.490e+04	-3.146e+04	-9.853e+05
						421.0	-208.38	1.473e+04	-305.94	-6.656e+04	-9.586e+04	6.324e+04
35	164	1.912e+06	-1.618e+04	0.01	-0.95	0.0	83.35	-2.340e+04	-150.98	-4.148e+04	-1.618e+04	1.912e+06
		-1.154e+06	-7.974e+04	-1.88e-04		210.5	83.35	-4562.54	-150.98	-4.317e+04	-4.796e+04	-1.039e+06
						421.0	83.35	1.497e+04	-150.98	-4.543e+04	-7.974e+04	3.815e+04
35	167	1.955e+06	3.271e+04	0.01	-0.94	0.0	-195.31	-2.328e+04	-293.50	-5.686e+04	3.271e+04	1.955e+06
		-1.109e+06	-9.086e+04	1.35e-04		210.5	-195.31	-4614.95	-293.50	-5.770e+04	-2.908e+04	-9.910e+05
						421.0	-195.31	1.478e+04	-293.50	-5.930e+04	-9.086e+04	6.109e+04
35	168	1.913e+06	-1.591e+04	0.01	-0.95	0.0	82.97	-2.341e+04	-139.11	-4.124e+04	-1.591e+04	1.913e+06
		-1.154e+06	-7.447e+04	-1.72e-04		210.5	82.97	-4564.79	-139.11	-4.295e+04	-4.519e+04	-1.040e+06
						421.0	82.97	1.497e+04	-139.11	-4.522e+04	-7.447e+04	3.791e+04
35	169	1.949e+06	3.429e+04	0.01	-0.94	0.0	-172.73	-2.320e+04	-259.39	-6.560e+04	3.429e+04	1.949e+06
		-1.104e+06	-7.492e+04	-3.60e-04		210.5	-172.73	-4603.15	-259.39	-6.644e+04	-2.032e+04	-9.865e+05
						421.0	-172.73	1.473e+04	-259.39	-6.815e+04	-7.492e+04	6.111e+04
36	4	1.874e+06	-3.739e+04	0.03	-1.27	0.0	1.239e+04	-2.611e+04	31.29	5.138e+04	-5.880e+04	4.926e+05
		-3.545e+06	-5.880e+04	1.57e-03		342.1	1.239e+04	1890.87	31.29	6.040e+04	-4.810e+04	-3.536e+06
						684.2	1.239e+04	3.059e+04	31.29	7.135e+04	-3.739e+04	1.874e+06
36	5	1.401e+06	-2.566e+04	0.02	-0.94	0.0	8576.16	-1.913e+04	21.79	4.067e+04	-4.057e+04	3.568e+05
		-2.591e+06	-4.057e+04	1.37e-03		342.1	8576.16	1452.79	21.79	4.979e+04	-3.311e+04	-2.581e+06
						684.2	8576.16	2.243e+04	21.79	6.050e+04	-2.566e+04	1.401e+06
36	12	1.404e+06	-2.445e+04	0.02	-0.95	0.0	8606.05	-1.929e+04	24.91	4.026e+04	-4.149e+04	3.609e+05
		-2.613e+06	-4.149e+04	1.34e-03		342.1	8606.05	1449.48	24.91	4.914e+04	-3.297e+04	-2.603e+06
						684.2	8606.05	2.258e+04	24.91	5.960e+04	-2.445e+04	1.404e+06
36	118	1.480e+06	8929.52	0.02	-0.97	0.0	8778.98	-1.995e+04	114.89	4.147e+04	-6.968e+04	3.720e+05
		-2.699e+06	-6.968e+04	1.90e-03		342.1	8778.98	1537.80	114.89	5.075e+04	-3.038e+04	-2.688e+06
						684.2	8778.98	2.346e+04	114.89	6.166e+04	8929.52	1.480e+06
36	125	1.450e+06	-5183.72	0.02	-0.97	0.0	8900.33	-2.001e+04	77.78	3.598e+04	-5.841e+04	3.796e+05
		-2.708e+06	-5.841e+04	1.60e-03		342.1	8900.33	1483.74	77.78	4.548e+04	-3.180e+04	-2.699e+06
						684.2	8900.33	2.341e+04	77.78	5.643e+04	-5183.72	1.450e+06
36	138	1.458e+06	-6960.16	0.02	-0.96	0.0	8705.65	-1.959e+04	73.49	4.204e+04	-5.724e+04	3.616e+05
		-2.647e+06	-5.724e+04	1.22e-03		342.1	8705.65	1540.36	73.49	5.036e+04	-3.210e+04	-2.635e+06
						684.2	8705.65	2.299e+04	73.49	6.028e+04	-6960.16	1.458e+06
36	139	1.374e+06	-2.732e+04	0.02	-0.96	0.0	9140.97	-1.937e+04	-28.12	3.837e+04	-2.732e+04	3.681e+05
		-2.634e+06	-4.656e+04	1.40e-03		342.1	9140.97	1366.28	-28.12	4.671e+04	-3.694e+04	-2.629e+06
						684.2	9140.97	2.268e+04	-28.12	5.654e+04	-4.656e+04	1.374e+06
36	150	1.466e+06	848.43	0.02	-0.97	0.0	8811.66	-1.984e+04	94.01	4.118e+04	-6.348e+04	3.704e+05
		-2.686e+06	-6.348e+04	1.72e-03		342.1	8811.66	1518.67	94.01	5.025e+04	-3.132e+04	-2.675e+06
						684.2	8811.66	2.332e+04	94.01	6.092e+04	848.43	1.466e+06
36	157	1.442e+06	-1.007e+04	0.02	-0.97	0.0	8905.53	-1.989e+04	65.31	3.694e+04	-5.476e+04	3.763e+05
		-2.693e+06	-5.476e+04	1.53e-03		342.1	8905.53	1476.85	65.31	4.617e+04	-3.241e+04	-2.684e+06
						684.2	8905.53	2.328e+04	65.31	5.688e+04	-1.007e+04	1.442e+06
36	170	1.449e+06	-1.144e+04	0.02	-0.96	0.0	8754.94	-1.956e+04	61.98	4.163e+04	-5.386e+04	3.624e+05
		-2.646e+06	-5.386e+04	1.24e-03		342.1	8754.94	1520.65	61.98	4.994e+04	-3.265e+04	-2.634e+06
						684.2	8754.94	2.295e+04	61.98	5.986e+04	-1.144e+04	1.449e+06
36	171	1.383e+06	-3.071e+04	0.02	-0.96	0.0	9091.68	-1.940e+04	-16.61	3.879e+04	-3.071e+04	3.674e+05
		-2.636e+06	-4.207e+04	1.38e-03		342.1	9091.68	1385.99	-16.61	4.712e+04	-3.639e+04	-2.629e+06
						684.2	9091.68	2.271e+04	-16.61	5.696e+04	-4.207e+04	1.383e+06
37	1	2.178e+06	1.005e+05	0.03	-1.37	0.0	6084.60	-2626.67	280.91	-1.501e+05	2.683e+04	-3.616e+05
		-3.994e+05	2.683e+04	-4.77e-04		131.2	6084.60	9531.21	280.91	-1.451e+05	6.368e+04	8.178e+04
						262.4	6084.60	2.256e+04	280.91	-1.408e+05	1.005e+05	2.178e+06
37	3	2.258e+06	1.000e+05	0.03	-1.40	0.0	6585.54	-2676.95	177.28	-1.465e+05	5.352e+04	-3.692e+05
		-4.071e+05	5.352e+04	-5.18e-04		131.2	6585.54	9857.62	177.28	-1.422e+05	7.678e+04	9.186e+04
						262.4	6585.54	2.330e+04	177.28	-1.385e+05	1.000e+05	2.258e+06
37	4	2.263e+06	9.968e+04	0.03	-1.40	0.0	6570.36	-2670.16	176.17	-1.453e+05	5.346e+04	-3.751e+05
		-4.127e+05	5.346e+04	-5.16e-04		131.2	6570.36	9900.22	176.17	-1.410e+05	7.657e+04	8.910e+04
						262.4	6570.36	2.339e+04	176.17	-1.374e+05	9.968e+04	2.263e+06
37	11	2.244e+06	9.948e+04	0.03	-1.39	0.0	6404.91	-2648.29	206.14	-1.452e+05	4.538e+04	-3.788e+05
		-4.160e+05	4.538e+04	-5.01e-04		131.2	6404.91	9844.90	206.14	-1.408e+05	7.243e+04	8.333e+04
						262.4	6404.91	2.325e+04	206.14	-1.370e+05	9.948e+04	2.244e+06
37	12	1.646e+06	7.736e+04	0.02	-1.04	0.0	4483.13	-2000.17	255.24	-1.162e+05	1.039e+04	-2.775e+05
		-3.064e+05	1.039e+04	-3.51e-04		131.2	4483.13	7220.56	255.24	-1.121e+05	4.388e+04	5.776e+04
						262.4	4483.13	1.709e+04	255.24	-1.086e+05	7.736e+04	1.646e+06
37	113	1.687e+06	7.683e+04	0.03	-1.08	0.0	4160.76	-2258.57	393.62	-5.610e+04	-2.645e+04	-2.731e+05
		-3.089e+05	-2.645e+04	2.53e-04		131.2	4160.76	7353.07	393.62	-5.163e+04	2.519e+04	5.359e+04
						262.4	4160.76	1.765e+04	393.62	-4.741e+04	7.683e+04	1.687e+06
37	118	1.693e+06	7.622e+04	0.03	-1.07	0.0	3955.10	-2179.43	373.82	-6.195e+04	-2.187e+04	-2.734e+05
		-3.068e+05	-2.187e+04	2.37e-04		131.2	3955.10	7382.91	373.82	-5.755e+04	2.717e+04	6.054e+04
						262.4	3955.10	1.762e+04	373.82	-5.343e+04	7.622e+04	1.693e+06
37	119	1.654e+06	7.890e+04	0.02	-1.03	0.0	5460.99	-1875.82	52.88	-1.702e+05	6.502e+04	-2.750e+05
		-3.003e+05	6.502e+04	-8.44e-04		131.2	5460.99	7240.33	52.88	-1.669e+05	7.196e+04	6.962e+04
						262.4	5460.99	1.702e+04	52.88	-1.644e+05	7.890e+04	1.654e+06
37	125	1.682e+06	7.590e+04	0.03	-1.07	0.0	4304.61	-2217.19	366.20	-7.027e+04	-2.018e+04	-2.784e+05
		-3.130e+05	-2.018e+04	-1.95e-04		131.2	4304.61	7355.05	366.20	-6.591e+04	2.786e+04	5.118e+04
						262.4	4304.61	1.761e+04	366.20	-6.186e+04	7.590e+04	1.682e+06

37	143	1.655e+06	8.142e+04	0.03	-1.06	0.0	5261.13	-2133.78	186.96	-1.176e+05	3.236e+04	-2.731e+05
		-3.058e+05	3.236e+04	-4.43e-04		131.2	5261.13	7231.84	186.96	-1.138e+05	5.689e+04	5.373e+04
						262.4	5261.13	1.729e+04	186.96	-1.105e+05	8.142e+04	1.655e+06
37	145	1.684e+06	7.699e+04	0.03	-1.07	0.0	4284.68	-2206.27	352.80	-6.968e+04	-1.558e+04	-2.733e+05
		-3.077e+05	-1.558e+04	1.28e-04		131.2	4284.68	7343.68	352.80	-6.535e+04	3.071e+04	5.619e+04
						262.4	4284.68	1.758e+04	352.80	-6.133e+04	7.699e+04	1.684e+06
37	150	1.689e+06	7.652e+04	0.03	-1.07	0.0	4125.60	-2145.06	337.48	-7.420e+04	-1.203e+04	-2.736e+05
		-3.061e+05	-1.203e+04	1.16e-04		131.2	4125.60	7366.76	337.48	-6.993e+04	3.224e+04	6.157e+04
						262.4	4125.60	1.755e+04	337.48	-6.599e+04	7.652e+04	1.689e+06
37	151	1.658e+06	7.859e+04	0.02	-1.03	0.0	5290.49	-1910.19	89.22	-1.580e+05	5.518e+04	-2.748e+05
		-3.010e+05	5.518e+04	-7.32e-04		131.2	5290.49	7256.47	89.22	-1.545e+05	6.689e+04	6.860e+04
						262.4	5290.49	1.709e+04	89.22	-1.518e+05	7.859e+04	1.658e+06
37	157	1.680e+06	7.628e+04	0.03	-1.07	0.0	4395.96	-2174.27	331.59	-8.065e+04	-1.073e+04	-2.774e+05
		-3.109e+05	-1.073e+04	-2.34e-04		131.2	4395.96	7345.22	331.59	-7.640e+04	3.278e+04	5.433e+04
						262.4	4395.96	1.754e+04	331.59	-7.251e+04	7.628e+04	1.680e+06
37	175	1.659e+06	8.054e+04	0.03	-1.05	0.0	5135.89	-2109.75	192.94	-1.173e+05	2.992e+04	-2.733e+05
		-3.053e+05	2.992e+04	-4.26e-04		131.2	5135.89	7249.91	192.94	-1.134e+05	5.523e+04	5.630e+04
						262.4	5135.89	1.730e+04	192.94	-1.101e+05	8.054e+04	1.659e+06
38	1	4.668e+05	8.057e+04	-0.01	-1.26	0.0	-343.52	-4.135e+04	392.21	-7.197e+05	2109.20	4.668e+05
		-5.418e+06	2109.20	-7.56e-04		100.0	-343.52	-2.935e+04	392.21	-7.075e+05	4.134e+04	-3.065e+06
						200.1	-343.52	-1.775e+04	392.21	-6.975e+05	8.057e+04	-5.418e+06
38	3	4.446e+05	1.097e+05	-0.01	-1.29	0.0	-52.52	-4.342e+04	644.34	-7.210e+05	-1.918e+04	4.446e+05
		-5.766e+06	-1.918e+04	-9.74e-04		100.0	-52.52	-3.099e+04	644.34	-7.086e+05	4.527e+04	-3.273e+06
						200.1	-52.52	-1.887e+04	644.34	-6.983e+05	1.097e+05	-5.766e+06
38	4	4.424e+05	1.083e+05	-0.01	-1.29	0.0	-40.50	-4.354e+04	635.39	-7.228e+05	-1.885e+04	4.424e+05
		-5.785e+06	-1.885e+04	-9.71e-04		100.0	-40.50	-3.108e+04	635.39	-7.103e+05	4.470e+04	-3.286e+06
						200.1	-40.50	-1.891e+04	635.39	-7.000e+05	1.083e+05	-5.785e+06
38	5	3.713e+05	5.307e+04	-0.01	-0.95	0.0	-395.27	-3.079e+04	219.15	-5.509e+05	9233.01	3.713e+05
		-4.000e+06	9233.01	-5.02e-04		100.0	-395.27	-2.179e+04	219.15	-5.417e+05	3.115e+04	-2.255e+06
						200.1	-395.27	-1.315e+04	219.15	-5.341e+05	5.307e+04	-4.000e+06
38	113	2.583e+05	7.252e+04	-0.01	-0.99	0.0	-341.18	-3.185e+04	-452.55	-5.727e+05	7.252e+04	2.583e+05
		-4.232e+06	-1.801e+04	2.57e-04		100.0	-341.18	-2.239e+04	-452.55	-5.629e+05	2.726e+04	-2.451e+06
						200.1	-341.18	-1.328e+04	-452.55	-5.548e+05	-1.801e+04	-4.232e+06
38	116	4.616e+05	1.459e+05	-9.10e-03	-0.95	0.0	-184.84	-3.170e+04	1085.01	-5.327e+05	-7.117e+04	4.616e+05
		-4.096e+06	-7.117e+04	-1.44e-03		100.0	-184.84	-2.274e+04	1085.01	-5.238e+05	3.736e+04	-2.258e+06
						200.1	-184.84	-1.404e+04	1085.01	-5.165e+05	1.459e+05	-4.096e+06
38	119	4.509e+05	1.651e+05	-9.24e-03	-0.95	0.0	-273.42	-3.172e+04	1177.25	-5.346e+05	-7.046e+04	4.509e+05
		-4.103e+06	-7.046e+04	-1.37e-03		100.0	-273.42	-2.272e+04	1177.25	-5.255e+05	4.730e+04	-2.269e+06
						200.1	-273.42	-1.398e+04	1177.25	-5.179e+05	1.651e+05	-4.103e+06
38	120	4.624e+05	1.380e+05	-9.10e-03	-0.95	0.0	-171.63	-3.171e+04	1014.95	-5.312e+05	-6.502e+04	4.624e+05
		-4.098e+06	-6.502e+04	-1.38e-03		100.0	-171.63	-2.275e+04	1014.95	-5.223e+05	3.650e+04	-2.258e+06
						200.1	-171.63	-1.406e+04	1014.95	-5.150e+05	1.380e+05	-4.098e+06
38	141	3.168e+05	8.857e+04	-0.01	-0.98	0.0	-465.66	-3.181e+04	398.76	-5.617e+05	8792.07	3.168e+05
		-4.188e+06	8792.07	-4.24e-04		100.0	-465.66	-2.246e+04	398.76	-5.519e+05	4.868e+04	-2.394e+06
						200.1	-465.66	-1.344e+04	398.76	-5.437e+05	8.857e+04	-4.188e+06
38	144	4.031e+05	3.931e+04	-0.01	-0.96	0.0	-60.37	-3.175e+04	233.71	-5.437e+05	-7443.76	4.031e+05
		-4.141e+06	-7443.76	-7.57e-04		100.0	-60.37	-2.266e+04	233.71	-5.348e+05	1.593e+04	-2.315e+06
						200.1	-60.37	-1.388e+04	233.71	-5.275e+05	3.931e+04	-4.141e+06
38	145	2.813e+05	5.625e+04	-0.01	-0.98	0.0	-323.48	-3.184e+04	-278.47	-5.682e+05	5.625e+04	2.813e+05
		-4.217e+06	544.51	6.50e-05		100.0	-323.48	-2.242e+04	-278.47	-5.585e+05	2.840e+04	-2.429e+06
						200.1	-323.48	-1.337e+04	-278.47	-5.505e+05	544.51	-4.217e+06
38	148	4.386e+05	1.273e+05	-9.49e-03	-0.95	0.0	-202.54	-3.172e+04	910.93	-5.372e+05	-5.491e+04	4.386e+05
		-4.111e+06	-5.491e+04	-1.25e-03		100.0	-202.54	-2.270e+04	910.93	-5.282e+05	3.621e+04	-2.280e+06
						200.1	-202.54	-1.395e+04	910.93	-5.208e+05	1.273e+05	-4.111e+06
38	151	4.303e+05	1.422e+05	-9.60e-03	-0.95	0.0	-271.07	-3.173e+04	982.28	-5.387e+05	-5.435e+04	4.303e+05
		-4.117e+06	-5.435e+04	-1.19e-03		100.0	-271.07	-2.268e+04	982.28	-5.295e+05	4.390e+04	-2.288e+06
						200.1	-271.07	-1.391e+04	982.28	-5.219e+05	1.422e+05	-4.117e+06
38	152	4.392e+05	1.212e+05	-9.49e-03	-0.95	0.0	-192.32	-3.172e+04	856.73	-5.361e+05	-5.015e+04	4.392e+05
		-4.113e+06	-5.015e+04	-1.20e-03		100.0	-192.32	-2.271e+04	856.73	-5.271e+05	3.555e+04	-2.280e+06
						200.1	-192.32	-1.397e+04	856.73	-5.197e+05	1.212e+05	-4.113e+06
38	173	3.265e+05	8.299e+04	-0.01	-0.98	0.0	-419.77	-3.180e+04	380.07	-5.597e+05	6953.87	3.265e+05
		-4.182e+06	6953.87	-4.62e-04		100.0	-419.77	-2.248e+04	380.07	-5.500e+05	4.497e+04	-2.385e+06
						200.1	-419.77	-1.349e+04	380.07	-5.419e+05	8.299e+04	-4.182e+06
38	176	3.934e+05	4.489e+04	-0.01	-0.96	0.0	-106.26	-3.175e+04	252.39	-5.457e+05	-5605.57	3.934e+05
		-4.146e+06	-5605.57	-7.19e-04		100.0	-106.26	-2.264e+04	252.39	-5.367e+05	1.964e+04	-2.324e+06
						200.1	-106.26	-1.383e+04	252.39	-5.294e+05	4.489e+04	-4.146e+06
39	4	2.162e+06	1.118e+05	-0.02	-1.29	0.0	134.36	1.040e+04	121.80	-7.007e+05	7.850e+04	-5.306e+06
		-5.306e+06	7.850e+04	-4.29e-04		136.9	134.36	2.715e+04	121.80	-6.899e+05	9.517e+04	-2.742e+06
						273.8	134.36	4.465e+04	121.80	-6.830e+05	1.118e+05	2.162e+06
39	5	1.527e+06	8.508e+04	4.75e-03	-0.90	0.0	-221.97	7214.13	162.22	-5.147e+05	4.067e+04	-3.641e+06
		-3.641e+06	4.067e+04	-1.81e-04		136.9	-221.97	1.884e+04	162.22	-5.069e+05	6.287e+04	-1.858e+06
						273.8	-221.97	3.068e+04	162.22	-5.018e+05	8.508e+04	1.527e+06
39	11	2.163e+06	1.121e+05	-0.02	-1.28	0.0	77.36	1.031e+04	140.68	-6.959e+05	7.358e+04	-5.224e+06
		-5.224e+06	7.358e+04	-3.88e-04		136.9	77.36	2.686e+04	140.68	-6.852e+05	9.283e+04	-2.684e+06
						273.8	77.36	4.410e+04	140.68	-6.784e+05	1.121e+05	2.163e+06
39	113	1.701e+06	5.242e+04	-6.09e-03	-0.94	0.0	-384.20	7999.38	-259.51	-5.396e+05	5.242e+04	-3.869e+06
		-3.869e+06	-1.864e+04	6.04e-04		136.9	-384.20	2.029e+04	-259.51	-5.311e+05	1.689e+04	-1.933e+06

						273.8	-384.20	3.286e+04	-259.51	-5.256e+05	-1.864e+04	1.701e+06
39	116	1.454e+06	1.895e+05	-0.01	-0.93	0.0	177.29	7007.53	534.12	-5.077e+05	4.323e+04	-3.735e+06
		-3.735e+06	4.323e+04	-9.90e-04		136.9	177.29	1.888e+04	534.12	-5.001e+05	1.164e+05	-1.966e+06
						273.8	177.29	3.117e+04	534.12	-4.953e+05	1.895e+05	1.454e+06
39	117	1.702e+06	5.488e+04	-6.08e-03	-0.94	0.0	-406.02	7997.79	-265.41	-5.395e+05	5.488e+04	-3.868e+06
		-3.868e+06	-1.779e+04	5.53e-04		136.9	-406.02	2.029e+04	-265.41	-5.310e+05	1.854e+04	-1.932e+06
						273.8	-406.02	3.287e+04	-265.41	-5.254e+05	-1.779e+04	1.702e+06
39	125	1.673e+06	6.079e+04	-6.36e-03	-0.94	0.0	-462.80	7903.66	-235.41	-5.275e+05	6.079e+04	-3.862e+06
		-3.862e+06	-3661.30	2.67e-04		136.9	-462.80	2.017e+04	-235.41	-5.191e+05	2.857e+04	-1.942e+06
						273.8	-462.80	3.272e+04	-235.41	-5.136e+05	-3661.30	1.673e+06
39	128	1.481e+06	1.745e+05	-9.82e-03	-0.93	0.0	255.89	7103.25	510.02	-5.198e+05	3.485e+04	-3.741e+06
		-3.741e+06	3.485e+04	-6.61e-04		136.9	255.89	1.900e+04	510.02	-5.122e+05	1.047e+05	-1.957e+06
						273.8	255.89	3.132e+04	510.02	-5.074e+05	1.745e+05	1.481e+06
39	145	1.673e+06	5.138e+04	-6.54e-03	-0.94	0.0	-320.63	7887.08	-169.66	-5.360e+05	5.138e+04	-3.854e+06
		-3.854e+06	4924.43	4.24e-04		136.9	-320.63	2.013e+04	-169.66	-5.276e+05	2.815e+04	-1.937e+06
						273.8	-320.63	3.267e+04	-169.66	-5.222e+05	4924.43	1.673e+06
39	148	1.482e+06	1.659e+05	-9.64e-03	-0.93	0.0	113.72	7119.83	444.27	-5.113e+05	4.427e+04	-3.750e+06
		-3.750e+06	4.427e+04	-8.09e-04		136.9	113.72	1.904e+04	444.27	-5.036e+05	1.051e+05	-1.962e+06
						273.8	113.72	3.136e+04	444.27	-4.987e+05	1.659e+05	1.482e+06
39	149	1.674e+06	5.328e+04	-6.54e-03	-0.94	0.0	-337.51	7885.85	-174.22	-5.359e+05	5.328e+04	-3.853e+06
		-3.853e+06	5579.86	3.84e-04		136.9	-337.51	2.013e+04	-174.22	-5.275e+05	2.943e+04	-1.936e+06
						273.8	-337.51	3.267e+04	-174.22	-5.220e+05	5579.86	1.674e+06
39	157	1.652e+06	5.786e+04	-6.76e-03	-0.94	0.0	-381.44	7813.04	-151.02	-5.266e+05	5.786e+04	-3.849e+06
		-3.849e+06	1.651e+04	1.63e-04		136.9	-381.44	2.004e+04	-151.02	-5.183e+05	3.718e+04	-1.943e+06
						273.8	-381.44	3.256e+04	-151.02	-5.129e+05	1.651e+04	1.652e+06
39	160	1.503e+06	1.543e+05	-9.43e-03	-0.93	0.0	174.52	7193.87	425.62	-5.207e+05	3.779e+04	-3.755e+06
		-3.755e+06	3.779e+04	-5.61e-04		136.9	174.52	1.913e+04	425.62	-5.129e+05	9.606e+04	-1.955e+06
						273.8	174.52	3.148e+04	425.62	-5.081e+05	1.543e+05	1.503e+06
39	170	1.592e+06	1.007e+05	-7.82e-03	-0.93	0.0	-65.95	7593.79	357.59	-5.346e+05	2791.15	-3.805e+06
		-3.805e+06	2791.15	-2.84e-04		136.9	-65.95	1.965e+04	357.59	-5.270e+05	5.174e+04	-1.942e+06
						273.8	-65.95	3.205e+04	357.59	-5.223e+05	1.007e+05	1.592e+06
40	4	6.042e+05	-2.618e+04	-0.02	-1.21	0.0	-3164.62	-2.339e+04	158.76	4.853e+05	-1.008e+05	-5.307e+05
		-3.047e+06	-1.008e+05	-7.16e-04		235.2	-3164.62	2166.52	158.76	4.743e+05	-6.351e+04	-3.030e+06
						470.3	-3164.62	2.919e+04	158.76	4.711e+05	-2.618e+04	6.042e+05
40	7	4.537e+05	-2.210e+04	-0.02	-0.92	0.0	-2412.79	-1.753e+04	112.25	3.687e+05	-7.489e+04	-4.151e+05
		-2.298e+06	-7.489e+04	-4.77e-04		235.2	-2412.79	1660.20	112.25	3.618e+05	-4.849e+04	-2.284e+06
						470.3	-2412.79	2.196e+04	112.25	3.609e+05	-2.210e+04	4.537e+05
40	9	5.609e+05	-1.245e+04	-0.02	-1.18	0.0	-3197.69	-2.235e+04	200.12	4.703e+05	-1.066e+05	-5.266e+05
		-2.930e+06	-1.066e+05	-4.53e-04		235.2	-3197.69	2076.67	200.12	4.638e+05	-5.951e+04	-2.914e+06
						470.3	-3197.69	2.790e+04	200.12	4.649e+05	-1.245e+04	5.609e+05
40	12	4.118e+05	-6777.20	-0.02	-0.89	0.0	-2453.95	-1.662e+04	159.88	3.544e+05	-8.197e+04	-4.070e+05
		-2.192e+06	-8.197e+04	-2.28e-04		235.2	-2453.95	1564.41	159.88	3.517e+05	-4.437e+04	-2.179e+06
						470.3	-2453.95	2.079e+04	159.88	3.548e+05	-6777.20	4.118e+05
40	113	4.286e+05	7.290e+04	-0.02	-0.91	0.0	-2614.81	-1.733e+04	418.29	3.596e+05	-1.238e+05	-3.841e+05
		-2.256e+06	-1.238e+05	5.61e-04		235.2	-2614.81	1532.03	418.29	3.569e+05	-2.546e+04	-2.246e+06
						470.3	-2614.81	2.156e+04	418.29	3.600e+05	7.290e+04	4.286e+05
40	117	4.270e+05	6.751e+04	-0.02	-0.91	0.0	-2557.27	-1.733e+04	400.48	3.594e+05	-1.208e+05	-3.832e+05
		-2.256e+06	-1.208e+05	5.03e-04		235.2	-2557.27	1525.73	400.48	3.567e+05	-2.667e+04	-2.246e+06
						470.3	-2557.27	2.155e+04	400.48	3.598e+05	6.751e+04	4.270e+05
40	138	4.435e+05	-343.79	-0.01	-0.90	0.0	-2782.29	-1.707e+04	162.91	3.650e+05	-7.696e+04	-3.967e+05
		-2.227e+06	-7.696e+04	-3.17e-04		235.2	-2782.29	1622.20	162.91	3.607e+05	-3.865e+04	-2.214e+06
						470.3	-2782.29	2.129e+04	162.91	3.624e+05	-343.79	4.435e+05
40	139	4.156e+05	-2.676e+04	-0.02	-0.90	0.0	-2094.05	-1.686e+04	114.29	3.557e+05	-8.051e+04	-4.292e+05
		-2.241e+06	-8.051e+04	-3.39e-04		235.2	-2094.05	1598.21	114.29	3.513e+05	-5.363e+04	-2.228e+06
						470.3	-2094.05	2.123e+04	114.29	3.526e+05	-2.676e+04	4.156e+05
40	144	4.439e+05	-4.306e+04	-0.01	-0.89	0.0	-2682.94	-1.684e+04	26.76	3.679e+05	-5.564e+04	-4.185e+05
		-2.218e+06	-5.564e+04	-6.43e-04		235.2	-2682.94	1673.83	26.76	3.627e+05	-4.935e+04	-2.203e+06
						470.3	-2682.94	2.114e+04	26.76	3.634e+05	-4.306e+04	4.439e+05
40	145	4.288e+05	5.333e+04	-0.02	-0.91	0.0	-2574.81	-1.725e+04	354.96	3.598e+05	-1.136e+05	-3.906e+05
		-2.251e+06	-1.136e+05	3.60e-04		235.2	-2574.81	1549.73	354.96	3.567e+05	-3.014e+04	-2.240e+06
						470.3	-2574.81	2.149e+04	354.96	3.594e+05	5.333e+04	4.288e+05
40	149	4.276e+05	4.915e+04	-0.02	-0.91	0.0	-2530.30	-1.725e+04	341.18	3.596e+05	-1.113e+05	-3.899e+05
		-2.251e+06	-1.113e+05	3.15e-04		235.2	-2530.30	1544.86	341.18	3.565e+05	-3.108e+04	-2.240e+06
						470.3	-2530.30	2.149e+04	341.18	3.593e+05	4.915e+04	4.276e+05
40	170	4.403e+05	-3334.30	-0.01	-0.90	0.0	-2704.37	-1.704e+04	157.41	3.640e+05	-7.736e+04	-4.004e+05
		-2.228e+06	-7.736e+04	-3.20e-04		235.2	-2704.37	1619.48	157.41	3.597e+05	-4.035e+04	-2.215e+06
						470.3	-2704.37	2.128e+04	157.41	3.613e+05	-3334.30	4.403e+05
40	171	4.187e+05	-2.377e+04	-0.02	-0.90	0.0	-2171.97	-1.688e+04	119.79	3.568e+05	-8.011e+04	-4.255e+05
		-2.239e+06	-8.011e+04	-3.37e-04		235.2	-2171.97	1600.93	119.79	3.523e+05	-5.194e+04	-2.226e+06
						470.3	-2171.97	2.123e+04	119.79	3.537e+05	-2.377e+04	4.187e+05
40	176	4.407e+05	-3.638e+04	-0.01	-0.89	0.0	-2627.52	-1.687e+04	52.08	3.662e+05	-6.087e+04	-4.172e+05
		-2.221e+06	-6.087e+04	-5.71e-04		235.2	-2627.52	1659.42	52.08	3.612e+05	-4.863e+04	-2.207e+06
						470.3	-2627.52	2.117e+04	52.08	3.621e+05	-3.638e+04	4.407e+05
41	3	5.132e+05	7.732e+04	-6.61e-03	-1.15	0.0	1000.62	-1.932e+04	-1473.33	-9.408e+05	7.732e+04	5.132e+05
		-1.168e+06	-2.179e+05	7.69e-04		100.2	1000.62	-8184.44	-1473.33	-9.428e+05	-7.031e+04	-8.628e+05
						200.4	1000.62	2757.28	-1473.33	-9.476e+05	-2.179e+05	-1.133e+06
41	4	5.156e+05	7.741e+04	-6.64e-03	-1.15	0.0	1015.53	-1.937e+04	-1478.36	-9.457e+05	7.741e+04	5.156e+05

		-1.168e+06	-2.188e+05	7.68e-04		100.2	1015.53	-8190.29	-1478.36	-9.478e+05	-7.071e+04	-8.635e+05
						200.4	1015.53	2802.33	-1478.36	-9.527e+05	-2.188e+05	-1.132e+06
41	5	3.303e+05	3.719e+04	-4.84e-03	-0.84	0.0	464.36	-1.359e+04	-929.54	-6.401e+05	3.719e+04	3.303e+05
		-8.493e+05	-1.491e+05	7.01e-04		100.2	464.36	-5734.79	-929.54	-6.393e+05	-5.594e+04	-6.367e+05
						200.4	464.36	1985.90	-929.54	-6.404e+05	-1.491e+05	-8.236e+05
41	116	3.675e+05	8.915e+04	-5.51e-03	-0.84	0.0	493.70	-1.419e+04	-1229.63	-6.603e+05	8.915e+04	3.675e+05
		-8.871e+05	-1.573e+05	2.23e-04		100.2	493.70	-6137.47	-1229.63	-6.611e+05	-3.405e+04	-6.493e+05
						200.4	493.70	1754.46	-1229.63	-6.640e+05	-1.573e+05	-8.677e+05
41	120	3.683e+05	8.527e+04	-5.55e-03	-0.85	0.0	481.56	-1.420e+04	-1206.01	-6.604e+05	8.527e+04	3.683e+05
		-8.881e+05	-1.564e+05	2.51e-04		100.2	481.56	-6146.75	-1206.01	-6.612e+05	-3.556e+04	-6.496e+05
						200.4	481.56	1747.49	-1206.01	-6.641e+05	-1.564e+05	-8.688e+05
41	123	3.601e+05	6.671e+04	-5.01e-03	-0.84	0.0	493.97	-1.415e+04	-1065.52	-6.552e+05	6.671e+04	3.601e+05
		-8.943e+05	-1.468e+05	5.41e-04		100.2	493.97	-6141.94	-1065.52	-6.561e+05	-4.005e+04	-6.552e+05
						200.4	493.97	1724.85	-1065.52	-6.589e+05	-1.468e+05	-8.755e+05
41	125	3.434e+05	1.361e+04	-4.48e-03	-0.86	0.0	684.19	-1.395e+04	-849.70	-6.910e+05	1.361e+04	3.434e+05
		-8.447e+05	-1.567e+05	8.82e-04		100.2	684.19	-5739.34	-849.70	-6.902e+05	-7.153e+04	-6.420e+05
						200.4	684.19	2346.18	-849.70	-6.916e+05	-1.567e+05	-8.111e+05
41	128	3.655e+05	7.699e+04	-5.39e-03	-0.84	0.0	471.86	-1.419e+04	-1160.55	-6.531e+05	7.699e+04	3.655e+05
		-8.905e+05	-1.556e+05	4.40e-04		100.2	471.86	-6145.91	-1160.55	-6.541e+05	-3.930e+04	-6.520e+05
						200.4	471.86	1746.54	-1160.55	-6.570e+05	-1.556e+05	-8.713e+05
41	134	3.597e+05	6.035e+04	-5.44e-03	-0.86	0.0	588.13	-1.409e+04	-1166.95	-6.738e+05	6.035e+04	3.597e+05
		-8.525e+05	-1.735e+05	5.00e-04		100.2	588.13	-5874.79	-1166.95	-6.738e+05	-5.657e+04	-6.391e+05
						200.4	588.13	2186.28	-1166.95	-6.759e+05	-1.735e+05	-8.228e+05
41	148	3.646e+05	7.922e+04	-5.38e-03	-0.85	0.0	512.79	-1.416e+04	-1178.79	-6.629e+05	7.922e+04	3.646e+05
		-8.827e+05	-1.570e+05	3.22e-04		100.2	512.79	-6093.35	-1178.79	-6.636e+05	-3.889e+04	-6.487e+05
						200.4	512.79	1820.55	-1178.79	-6.663e+05	-1.570e+05	-8.617e+05
41	152	3.651e+05	7.622e+04	-5.41e-03	-0.85	0.0	503.40	-1.417e+04	-1160.52	-6.630e+05	7.622e+04	3.651e+05
		-8.834e+05	-1.563e+05	3.44e-04		100.2	503.40	-6100.53	-1160.52	-6.637e+05	-4.006e+04	-6.490e+05
						200.4	503.40	1815.16	-1160.52	-6.664e+05	-1.563e+05	-8.626e+05
41	155	3.588e+05	6.186e+04	-4.99e-03	-0.84	0.0	513.00	-1.414e+04	-1051.85	-6.590e+05	6.186e+04	3.588e+05
		-8.882e+05	-1.489e+05	5.69e-04		100.2	513.00	-6096.81	-1051.85	-6.597e+05	-4.353e+04	-6.534e+05
						200.4	513.00	1797.65	-1051.85	-6.623e+05	-1.489e+05	-8.678e+05
41	157	3.459e+05	2.078e+04	-4.58e-03	-0.86	0.0	660.15	-1.398e+04	-884.90	-6.867e+05	2.078e+04	3.459e+05
		-8.498e+05	-1.565e+05	8.32e-04		100.2	660.15	-5785.37	-884.90	-6.861e+05	-6.788e+04	-6.431e+05
						200.4	660.15	2278.29	-884.90	-6.877e+05	-1.565e+05	-8.179e+05
41	160	3.630e+05	6.981e+04	-5.29e-03	-0.85	0.0	495.90	-1.417e+04	-1125.35	-6.574e+05	6.981e+04	3.630e+05
		-8.853e+05	-1.557e+05	4.90e-04		100.2	495.90	-6099.88	-1125.35	-6.582e+05	-4.294e+04	-6.509e+05
						200.4	495.90	1814.43	-1125.35	-6.609e+05	-1.557e+05	-8.645e+05
41	166	3.585e+05	5.694e+04	-5.32e-03	-0.86	0.0	585.84	-1.409e+04	-1130.31	-6.734e+05	5.694e+04	3.585e+05
		-8.559e+05	-1.696e+05	5.37e-04		100.2	585.84	-5890.15	-1130.31	-6.734e+05	-5.631e+04	-6.409e+05
						200.4	585.84	2154.59	-1130.31	-6.755e+05	-1.696e+05	-8.270e+05
53	1	8.341e+05	-1.036e+05	0.06	-1.38	0.0	9411.73	-4.009e+04	163.37	-4.613e+05	-2.238e+05	8.341e+05
		-6.584e+06	-2.238e+05	0.01		367.9	9411.73	-1102.75	163.37	-4.180e+05	-1.637e+05	-6.584e+06
						735.7	9411.73	4.280e+04	163.37	-3.916e+05	-1.036e+05	6.202e+05
53	4	8.797e+05	-1.015e+05	0.07	-1.45	0.0	9946.53	-4.085e+04	130.72	-4.962e+05	-1.976e+05	8.797e+05
		-6.790e+06	-1.976e+05	0.01		367.9	9946.53	-1439.94	130.72	-4.491e+05	-1.495e+05	-6.790e+06
						735.7	9946.53	4.482e+04	130.72	-4.200e+05	-1.015e+05	6.541e+05
53	5	6.205e+05	-7.801e+04	0.04	-1.03	0.0	6976.03	-3.023e+04	143.38	-3.408e+05	-1.835e+05	6.205e+05
		-4.932e+06	-1.835e+05	7.90e-03		367.9	6976.03	-717.75	143.38	-3.089e+05	-1.307e+05	-4.932e+06
						735.7	6976.03	3.181e+04	143.38	-2.894e+05	-7.801e+04	4.592e+05
53	7	6.636e+05	-7.401e+04	0.05	-1.09	0.0	7469.72	-3.074e+04	115.40	-3.750e+05	-1.589e+05	6.636e+05
		-5.097e+06	-1.589e+05	9.34e-03		367.9	7469.72	-1053.33	115.40	-3.392e+05	-1.165e+05	-5.097e+06
						735.7	7469.72	3.357e+04	115.40	-3.170e+05	-7.401e+04	4.894e+05
53	125	5.640e+05	-2.969e+04	0.04	-1.04	0.0	6733.88	-3.169e+04	85.06	-3.346e+05	-9.227e+04	5.640e+05
		-5.158e+06	-9.227e+04	9.14e-03		367.9	6733.88	-409.08	85.06	-3.020e+05	-6.098e+04	-5.158e+06
						735.7	6733.88	3.285e+04	85.06	-2.817e+05	-2.969e+04	5.037e+05
53	126	5.709e+05	-3.070e+04	0.04	-1.04	0.0	6821.60	-3.212e+04	76.38	-3.362e+05	-8.690e+04	5.709e+05
		-5.220e+06	-8.690e+04	8.76e-03		367.9	6821.60	-391.25	76.38	-3.052e+05	-5.880e+04	-5.220e+06
						735.7	6821.60	3.322e+04	76.38	-2.865e+05	-3.070e+04	5.118e+05
53	127	7.111e+05	-1.256e+05	-0.06	-1.08	0.0	7626.10	-2.924e+04	179.17	-3.750e+05	-2.574e+05	7.111e+05
		-4.861e+06	-2.574e+05	8.22e-03		367.9	7626.10	-1326.02	179.17	-3.390e+05	-1.915e+05	-4.861e+06
						735.7	7626.10	3.237e+04	179.17	-3.167e+05	-1.256e+05	4.390e+05
53	128	7.181e+05	-1.266e+05	-0.06	-1.08	0.0	7713.82	-2.966e+04	170.49	-3.766e+05	-2.520e+05	7.181e+05
		-4.923e+06	-2.520e+05	7.84e-03		367.9	7713.82	-1308.19	170.49	-3.421e+05	-1.893e+05	-4.923e+06
						735.7	7713.82	3.273e+04	170.49	-3.215e+05	-1.266e+05	4.470e+05
53	157	5.814e+05	-4.066e+04	0.04	-1.04	0.0	6844.83	-3.146e+04	94.73	-3.394e+05	-1.104e+05	5.814e+05
		-5.131e+06	-1.104e+05	8.99e-03		367.9	6844.83	-510.88	94.73	-3.066e+05	-7.551e+04	-5.131e+06
						735.7	6844.83	3.284e+04	94.73	-2.862e+05	-4.066e+04	4.973e+05
53	158	5.868e+05	-4.145e+04	0.04	-1.05	0.0	6912.69	-3.179e+04	88.02	-3.406e+05	-1.062e+05	5.868e+05
		-5.179e+06	-1.062e+05	8.70e-03		367.9	6912.69	-497.09	88.02	-3.090e+05	-7.382e+04	-5.179e+06
						735.7	6912.69	3.312e+04	88.02	-2.900e+05	-4.145e+04	5.035e+05
53	159	6.953e+05	-1.148e+05	0.05	-1.07	0.0	7535.01	-2.956e+04	167.53	-3.706e+05	-2.381e+05	6.953e+05
		-4.901e+06	-2.381e+05	8.28e-03		367.9	7535.01	-1220.19	167.53	-3.352e+05	-1.765e+05	-4.901e+06
						735.7	7535.01	3.246e+04	167.53	-3.133e+05	-1.148e+05	4.472e+05
53	160	7.006e+05	-1.156e+05	0.05	-1.08	0.0	7602.87	-2.989e+04	160.82	-3.718e+05	-2.339e+05	7.006e+05
		-4.949e+06	-2.339e+05	7.98e-03		367.9	7602.87	-1206.40	160.82	-3.376e+05	-1.748e+05	-4.949e+06
						735.7	7602.87	3.274e+04	160.82	-3.170e+05	-1.156e+05	4.534e+05

54	4	1.067e+06	3.054e+05	-0.05	-1.36	0.0	8811.71	-6903.15	729.90	-4.785e+05	9.492e+04	-6.782e+05
		-9.542e+05	9.492e+04	0.01		144.2	8811.71	5821.84	729.90	-4.731e+05	2.001e+05	-7.716e+05
						288.3	8811.71	1.992e+04	729.90	-4.703e+05	3.054e+05	1.067e+06
54	5	7.800e+05	2.731e+05	-0.03	-1.03	0.0	6503.52	-5548.43	550.31	-3.350e+05	1.145e+05	-4.679e+05
		-7.007e+05	1.145e+05	8.82e-03		144.2	6503.52	4179.08	550.31	-3.298e+05	1.938e+05	-5.765e+05
						288.3	6503.52	1.479e+04	550.31	-3.265e+05	2.731e+05	7.800e+05
54	8	8.022e+05	2.379e+05	-0.04	-1.04	0.0	6670.34	-5305.84	544.57	-3.629e+05	8.088e+04	-5.132e+05
		-7.268e+05	8.088e+04	8.45e-03		144.2	6670.34	4387.90	544.57	-3.586e+05	1.594e+05	-5.911e+05
						288.3	6670.34	1.512e+04	544.57	-3.564e+05	2.379e+05	8.022e+05
54	9	1.067e+06	3.441e+05	-0.04	-1.36	0.0	8768.65	-7203.93	766.22	-4.515e+05	1.231e+05	-6.356e+05
		-9.305e+05	1.231e+05	0.01		144.2	8768.65	5700.95	766.22	-4.450e+05	2.336e+05	-7.575e+05
						288.3	8768.65	1.982e+04	766.22	-4.411e+05	3.441e+05	1.067e+06
54	11	1.075e+06	3.182e+05	-0.05	-1.36	0.0	8842.11	-7013.75	751.50	-4.707e+05	1.015e+05	-6.663e+05
		-9.481e+05	1.015e+05	0.01		144.2	8842.11	5816.35	751.50	-4.649e+05	2.098e+05	-7.675e+05
						288.3	8842.11	1.997e+04	751.50	-4.618e+05	3.182e+05	1.075e+06
54	117	8.084e+05	3.053e+05	-0.03	-1.07	0.0	6916.43	-6028.77	907.15	-2.919e+05	4.369e+04	-4.546e+05
		-7.158e+05	4.369e+04	8.00e-03		144.2	6916.43	4229.91	907.15	-2.858e+05	1.745e+05	-5.943e+05
						288.3	6916.43	1.539e+04	907.15	-2.814e+05	3.053e+05	8.084e+05
54	125	8.128e+05	2.967e+05	-0.03	-1.08	0.0	7068.61	-6210.46	938.77	-2.851e+05	2.601e+04	-4.441e+05
		-7.167e+05	2.601e+04	6.96e-03		144.2	7068.61	4214.81	938.77	-2.787e+05	1.614e+05	-5.975e+05
						288.3	7068.61	1.550e+04	938.77	-2.739e+05	2.967e+05	8.128e+05
54	126	8.060e+05	2.844e+05	-0.03	-1.09	0.0	6784.64	-6346.27	913.39	-2.887e+05	2.104e+04	-4.483e+05
		-7.290e+05	2.104e+04	6.62e-03		144.2	6784.64	4212.49	913.39	-2.822e+05	1.527e+05	-6.112e+05
						288.3	6784.64	1.559e+04	913.39	-2.773e+05	2.844e+05	8.060e+05
54	141	8.110e+05	2.893e+05	-0.03	-1.04	0.0	7176.34	-5482.56	708.55	-3.230e+05	8.497e+04	-4.681e+05
		-6.949e+05	8.497e+04	8.67e-03		144.2	7176.34	4271.24	708.55	-3.178e+05	1.871e+05	-5.664e+05
						288.3	7176.34	1.501e+04	708.55	-3.145e+05	2.893e+05	8.110e+05
54	142	7.884e+05	2.483e+05	-0.03	-1.06	0.0	6229.79	-5935.28	623.96	-3.351e+05	6.838e+04	-4.821e+05
		-7.361e+05	6.838e+04	7.53e-03		144.2	6229.79	4263.51	623.96	-3.296e+05	1.583e+05	-6.120e+05
						288.3	6229.79	1.531e+04	623.96	-3.260e+05	2.483e+05	7.884e+05
54	144	7.800e+05	2.296e+05	-0.03	-1.03	0.0	6038.17	-5447.18	401.26	-3.712e+05	1.139e+05	-5.068e+05
		-7.298e+05	1.139e+05	8.65e-03		144.2	6038.17	4309.57	401.26	-3.666e+05	1.718e+05	-5.990e+05
						288.3	6038.17	1.498e+04	401.26	-3.642e+05	2.296e+05	7.800e+05
54	149	8.055e+05	2.949e+05	-0.03	-1.06	0.0	6846.42	-5901.08	827.39	-3.044e+05	5.632e+04	-4.621e+05
		-7.150e+05	5.632e+04	8.15e-03		144.2	6846.42	4243.61	827.39	-2.986e+05	1.756e+05	-5.917e+05
						288.3	6846.42	1.530e+04	827.39	-2.945e+05	2.949e+05	8.055e+05
54	157	8.089e+05	2.883e+05	-0.03	-1.07	0.0	6964.14	-6041.63	851.85	-2.991e+05	4.264e+04	-4.539e+05
		-7.157e+05	4.264e+04	7.35e-03		144.2	6964.14	4231.93	851.85	-2.931e+05	1.655e+05	-5.942e+05
						288.3	6964.14	1.539e+04	851.85	-2.887e+05	2.883e+05	8.089e+05
54	158	8.037e+05	2.788e+05	-0.03	-1.07	0.0	6744.48	-6146.69	832.22	-3.020e+05	3.879e+04	-4.572e+05
		-7.252e+05	3.879e+04	7.08e-03		144.2	6744.48	4230.13	832.22	-2.958e+05	1.588e+05	-6.047e+05
						288.3	6744.48	1.546e+04	832.22	-2.914e+05	2.788e+05	8.037e+05
54	173	8.075e+05	2.825e+05	-0.03	-1.04	0.0	7047.48	-5478.55	673.76	-3.284e+05	8.825e+04	-4.725e+05
		-6.989e+05	8.825e+04	8.67e-03		144.2	7047.48	4275.58	673.76	-3.234e+05	1.854e+05	-5.701e+05
						288.3	7047.48	1.501e+04	673.76	-3.201e+05	2.825e+05	8.075e+05
54	174	7.900e+05	2.508e+05	-0.03	-1.05	0.0	6315.26	-5828.76	608.33	-3.378e+05	7.542e+04	-4.833e+05
		-7.307e+05	7.542e+04	7.79e-03		144.2	6315.26	4269.60	608.33	-3.324e+05	1.631e+05	-6.053e+05
						288.3	6315.26	1.524e+04	608.33	-3.290e+05	2.508e+05	7.900e+05
54	176	7.835e+05	2.364e+05	-0.03	-1.03	0.0	6167.03	-5451.19	436.05	-3.657e+05	1.107e+05	-5.024e+05
		-7.258e+05	1.107e+05	8.66e-03		144.2	6167.03	4305.23	436.05	-3.611e+05	1.735e+05	-5.953e+05
						288.3	6167.03	1.498e+04	436.05	-3.586e+05	2.364e+05	7.835e+05
55	1	1.045e+06	3.399e+05	0.04	-1.52	0.0	1.315e+04	-1.863e+04	-1306.86	-1.256e+05	3.399e+05	1.045e+06
		-6.070e+05	-4.143e+04	0.02		145.9	1.315e+04	-3210.86	-1306.86	-1.233e+05	1.493e+05	-5.634e+05
						291.8	1.315e+04	1.348e+04	-1306.86	-1.218e+05	-4.143e+04	1.693e+05
55	4	1.067e+06	3.053e+05	0.05	-1.55	0.0	1.395e+04	-1.896e+04	-1133.75	-1.440e+05	3.053e+05	1.067e+06
		-6.166e+05	-2.558e+04	0.02		145.9	1.395e+04	-3274.56	-1133.75	-1.430e+05	1.398e+05	-5.723e+05
						291.8	1.395e+04	1.384e+04	-1133.75	-1.428e+05	-2.558e+04	1.804e+05
55	5	7.799e+05	2.732e+05	0.03	-1.15	0.0	9734.07	-1.406e+04	-1067.67	-9.141e+04	2.732e+05	7.799e+05
		-4.631e+05	-3.838e+04	0.02		145.9	9734.07	-2395.66	-1067.67	-8.924e+04	1.174e+05	-4.313e+05
						291.8	9734.07	1.019e+04	-1067.67	-8.760e+04	-3.838e+04	1.258e+05
55	9	1.067e+06	3.421e+05	0.04	-1.53	0.0	1.328e+04	-1.884e+04	-1311.56	-1.222e+05	3.421e+05	1.067e+06
		-6.072e+05	-4.064e+04	0.02		145.9	1.328e+04	-3284.84	-1311.56	-1.198e+05	1.507e+05	-5.616e+05
						291.8	1.328e+04	1.353e+04	-1311.56	-1.182e+05	-4.064e+04	1.698e+05
55	11	1.075e+06	3.171e+05	0.05	-1.55	0.0	1.380e+04	-1.900e+04	-1188.73	-1.363e+05	3.171e+05	1.075e+06
		-6.138e+05	-2.982e+04	0.02		145.9	1.380e+04	-3303.53	-1188.73	-1.348e+05	1.436e+05	-5.685e+05
						291.8	1.380e+04	1.377e+04	-1188.73	-1.341e+05	-2.982e+04	1.774e+05
55	117	8.084e+05	3.022e+05	0.03	-1.20	0.0	1.013e+04	-1.470e+04	-1015.84	-6.050e+04	3.022e+05	8.084e+05
		-4.888e+05	5795.40	0.02		145.9	1.013e+04	-2482.18	-1015.84	-5.697e+04	1.540e+05	-4.564e+05
						291.8	1.013e+04	1.068e+04	-1015.84	-5.377e+04	5795.40	1.296e+05
55	120	7.826e+05	2.166e+05	0.04	-1.15	0.0	1.007e+04	-1.381e+04	-978.79	-1.363e+05	2.166e+05	7.826e+05
		-4.455e+05	-6.901e+04	0.02		145.9	1.007e+04	-2403.74	-978.79	-1.364e+05	7.380e+04	-4.125e+05
						291.8	1.007e+04	1.004e+04	-978.79	-1.374e+05	-6.901e+04	1.313e+05
55	125	8.128e+05	2.937e+05	0.03	-1.20	0.0	1.012e+04	-1.481e+04	-992.69	-6.226e+04	2.937e+05	8.128e+05
		-4.925e+05	3984.65	0.01		145.9	1.012e+04	-2492.62	-992.69	-5.833e+04	1.488e+05	-4.601e+05
						291.8	1.012e+04	1.073e+04	-992.69	-5.474e+04	3984.65	1.292e+05
55	126	8.060e+05	2.817e+05	0.03	-1.20	0.0	9787.72	-1.485e+04	-957.70	-6.638e+04	2.817e+05	8.060e+05
		-4.988e+05	2209.19	0.01		145.9	9787.72	-2470.87	-957.70	-6.240e+04	1.419e+05	-4.674e+05

						291.8	9787.72	1.077e+04	-957.70	-5.878e+04	2209.19	1.270e+05
55	142	7.883e+05	2.479e+05	0.03	-1.18	0.0	9493.98	-1.449e+04	-932.36	-9.504e+04	2.479e+05	7.883e+05
		-4.862e+05	-2.416e+04	0.01		145.9	9493.98	-2418.35	-932.36	-9.259e+04	1.119e+05	-4.554e+05
						291.8	9493.98	1.054e+04	-932.36	-9.068e+04	-2.416e+04	1.260e+05
55	143	8.026e+05	2.709e+05	0.04	-1.16	0.0	1.070e+04	-1.403e+04	-1062.26	-1.017e+05	2.709e+05	8.026e+05
		-4.481e+05	-3.906e+04	0.02		145.9	1.070e+04	-2467.57	-1062.26	-1.008e+05	1.159e+05	-4.136e+05
						291.8	1.070e+04	1.017e+04	-1062.26	-1.005e+05	-3.906e+04	1.349e+05
55	149	8.055e+05	2.925e+05	0.03	-1.19	0.0	1.012e+04	-1.460e+04	-1011.65	-6.908e+04	2.925e+05	8.055e+05
		-4.839e+05	-2674.14	0.02		145.9	1.012e+04	-2473.30	-1011.65	-6.597e+04	1.449e+05	-4.515e+05
						291.8	1.012e+04	1.061e+04	-1011.65	-6.324e+04	-2674.14	1.298e+05
55	152	7.855e+05	2.263e+05	0.04	-1.15	0.0	1.008e+04	-1.391e+04	-982.98	-1.277e+05	2.263e+05	7.855e+05
		-4.504e+05	-6.054e+04	0.02		145.9	1.008e+04	-2412.62	-982.98	-1.274e+05	8.288e+04	-4.175e+05
						291.8	1.008e+04	1.011e+04	-982.98	-1.280e+05	-6.054e+04	1.311e+05
55	157	8.089e+05	2.859e+05	0.03	-1.19	0.0	1.012e+04	-1.469e+04	-993.74	-7.044e+04	2.859e+05	8.089e+05
		-4.868e+05	-4074.87	0.01		145.9	1.012e+04	-2481.38	-993.74	-6.702e+04	1.409e+05	-4.543e+05
						291.8	1.012e+04	1.064e+04	-993.74	-6.399e+04	-4074.87	1.295e+05
55	158	8.036e+05	2.766e+05	0.03	-1.20	0.0	9858.08	-1.471e+04	-966.67	-7.363e+04	2.766e+05	8.036e+05
		-4.917e+05	-5448.30	0.01		145.9	9858.08	-2464.55	-966.67	-7.017e+04	1.356e+05	-4.599e+05
						291.8	9858.08	1.068e+04	-966.67	-6.712e+04	-5448.30	1.278e+05
55	174	7.900e+05	2.505e+05	0.03	-1.18	0.0	9630.85	-1.443e+04	-947.07	-9.580e+04	2.505e+05	7.900e+05
		-4.819e+05	-2.584e+04	0.01		145.9	9630.85	-2423.92	-947.07	-9.352e+04	1.123e+05	-4.506e+05
						291.8	9630.85	1.050e+04	-947.07	-9.179e+04	-2.584e+04	1.270e+05
55	175	8.010e+05	2.683e+05	0.04	-1.16	0.0	1.057e+04	-1.408e+04	-1047.56	-1.010e+05	2.683e+05	8.010e+05
		-4.524e+05	-3.737e+04	0.02		145.9	1.057e+04	-2462.00	-1047.56	-9.989e+04	1.155e+05	-4.183e+05
						291.8	1.057e+04	1.021e+04	-1047.56	-9.940e+04	-3.737e+04	1.339e+05
73	4	4.213e+06	4.786e+05	8.62e-03	-1.53	0.0	5173.14	-9831.46	-1335.20	3.105e+05	4.786e+05	3.178e+06
		2.879e+06	2.249e+05	-3.27e-04		95.0	5173.14	5482.11	-1335.20	3.200e+05	3.517e+05	2.973e+06
						190.0	5173.14	2.057e+04	-1335.20	3.304e+05	2.249e+05	4.213e+06
73	5	2.972e+06	3.066e+05	-7.32e-03	-1.07	0.0	2929.09	-5981.76	-688.62	1.701e+05	3.066e+05	2.127e+06
		1.966e+06	1.757e+05	-2.44e-04		95.0	2929.09	4480.27	-688.62	1.745e+05	2.412e+05	2.056e+06
						190.0	2929.09	1.475e+04	-688.62	1.795e+05	1.757e+05	2.972e+06
73	7	3.165e+06	3.579e+05	6.81e-03	-1.15	0.0	3731.18	-7189.79	-983.00	2.232e+05	3.579e+05	2.363e+06
		2.149e+06	1.711e+05	-2.47e-04		95.0	3731.18	4249.53	-983.00	2.300e+05	2.645e+05	2.224e+06
						190.0	3731.18	1.551e+04	-983.00	2.373e+05	1.711e+05	3.165e+06
73	114	2.984e+06	3.978e+05	6.93e-03	-1.09	0.0	3430.80	-6543.49	-1080.59	2.040e+05	3.978e+05	2.153e+06
		1.969e+06	1.924e+05	4.91e-04		95.0	3430.80	4401.67	-1080.59	2.041e+05	2.951e+05	2.053e+06
						190.0	3430.80	1.516e+04	-1080.59	2.047e+05	1.924e+05	2.984e+06
73	117	2.907e+06	3.898e+05	7.61e-03	-1.10	0.0	3439.24	-7465.87	-1027.74	2.000e+05	3.898e+05	2.231e+06
		1.993e+06	1.945e+05	5.12e-04		95.0	3439.24	3590.49	-1027.74	1.997e+05	2.922e+05	2.048e+06
						190.0	3439.24	1.445e+04	-1027.74	2.000e+05	1.945e+05	2.907e+06
73	118	2.989e+06	3.919e+05	6.87e-03	-1.09	0.0	3403.89	-6483.23	-1032.04	2.030e+05	3.919e+05	2.149e+06
		1.967e+06	1.958e+05	4.82e-04		95.0	3403.89	4451.93	-1032.04	2.031e+05	2.938e+05	2.053e+06
						190.0	3403.89	1.521e+04	-1032.04	2.037e+05	1.958e+05	2.989e+06
73	120	3.234e+06	2.681e+05	6.53e-03	-1.12	0.0	3183.84	-5649.40	-594.72	1.903e+05	2.681e+05	2.255e+06
		2.115e+06	1.551e+05	-6.82e-04		95.0	3183.84	5180.57	-594.72	2.016e+05	2.116e+05	2.233e+06
						190.0	3183.84	1.584e+04	-594.72	2.134e+05	1.551e+05	3.234e+06
73	124	3.190e+06	3.282e+05	6.67e-03	-1.11	0.0	3244.18	-5831.04	-1077.03	2.020e+05	3.282e+05	2.242e+06
		2.094e+06	1.235e+05	-3.15e-04		95.0	3244.18	5019.52	-1077.03	2.118e+05	2.259e+05	2.204e+06
						190.0	3244.18	1.570e+04	-1077.03	2.222e+05	1.235e+05	3.190e+06
73	140	3.244e+06	3.138e+05	5.78e-03	-1.10	0.0	3219.62	-4794.83	-752.80	1.983e+05	3.138e+05	2.122e+06
		2.022e+06	1.708e+05	-3.74e-04		95.0	3219.62	5930.55	-752.80	2.060e+05	2.423e+05	2.176e+06
						190.0	3219.62	1.651e+04	-752.80	2.143e+05	1.708e+05	3.244e+06
73	146	3.003e+06	3.822e+05	6.96e-03	-1.09	0.0	3403.79	-6546.69	-1019.60	2.020e+05	3.822e+05	2.174e+06
		1.989e+06	1.884e+05	3.60e-04		95.0	3403.79	4398.02	-1019.60	2.033e+05	2.853e+05	2.072e+06
						190.0	3403.79	1.516e+04	-1019.60	2.052e+05	1.884e+05	3.003e+06
73	149	2.944e+06	3.760e+05	7.49e-03	-1.10	0.0	3410.32	-7260.21	-978.71	1.989e+05	3.760e+05	2.233e+06
		2.008e+06	1.901e+05	3.77e-04		95.0	3410.32	3770.52	-978.71	1.999e+05	2.830e+05	2.069e+06
						190.0	3410.32	1.460e+04	-978.71	2.015e+05	1.901e+05	2.944e+06
73	150	3.007e+06	3.776e+05	6.91e-03	-1.09	0.0	3382.98	-6500.08	-982.04	2.012e+05	3.776e+05	2.170e+06
		1.988e+06	1.910e+05	3.54e-04		95.0	3382.98	4436.89	-982.04	2.025e+05	2.843e+05	2.073e+06
						190.0	3382.98	1.519e+04	-982.04	2.044e+05	1.910e+05	3.007e+06
73	152	3.197e+06	2.818e+05	6.65e-03	-1.11	0.0	3212.76	-5855.06	-643.74	1.914e+05	2.818e+05	2.252e+06
		2.103e+06	1.595e+05	-5.51e-04		95.0	3212.76	5000.54	-643.74	2.014e+05	2.207e+05	2.212e+06
						190.0	3212.76	1.568e+04	-643.74	2.118e+05	1.595e+05	3.197e+06
73	156	3.163e+06	3.283e+05	6.76e-03	-1.11	0.0	3259.44	-5995.57	-1016.84	2.004e+05	3.283e+05	2.242e+06
		2.087e+06	1.351e+05	-2.98e-04		95.0	3259.44	4875.96	-1016.84	2.093e+05	2.317e+05	2.190e+06
						190.0	3259.44	1.557e+04	-1016.84	2.187e+05	1.351e+05	3.163e+06
73	172	3.205e+06	3.172e+05	6.07e-03	-1.10	0.0	3240.43	-5193.99	-766.03	1.976e+05	3.172e+05	2.149e+06
		2.031e+06	1.717e+05	-3.42e-04		95.0	3240.43	5580.70	-766.03	2.048e+05	2.444e+05	2.168e+06
						190.0	3240.43	1.620e+04	-766.03	2.126e+05	1.717e+05	3.205e+06
74	3	3.081e+06	5.015e+05	-1.27e-03	-1.52	0.0	1275.90	4526.85	3806.71	2.425e+06	-2.721e+05	-1.152e+06
		-1.152e+06	-2.721e+05	-2.35e-03		101.6	1275.90	2.082e+04	3806.71	2.423e+06	1.147e+05	1.350e+05
						203.2	1275.90	3.717e+04	3806.71	2.429e+06	5.015e+05	3.081e+06
74	4	3.099e+06	5.026e+05	1.37e-03	-1.53	0.0	1271.55	4585.81	3823.16	2.431e+06	-2.743e+05	-1.162e+06
		-1.162e+06	-2.743e+05	-2.35e-03		101.6	1271.55	2.096e+04	3823.16	2.429e+06	1.142e+05	1.353e+05
						203.2	1271.55	3.739e+04	3823.16	2.435e+06	5.026e+05	3.099e+06
74	12	2.110e+06	3.230e+05	4.55e-04	-1.09	0.0	896.56	2831.52	2516.59	1.737e+06	-1.883e+05	-7.889e+05

		-7.889e+05	-1.883e+05	-1.59e-03		101.6	896.56	1.426e+04	2516.59	1.734e+06	6.735e+04	7.957e+04
						203.2	896.56	2.569e+04	2516.59	1.736e+06	3.230e+05	2.110e+06
74	114	2.090e+06	4.191e+05	2.88e-04	-1.11	0.0	715.03	2602.75	3299.11	1.113e+06	-2.513e+05	-8.307e+05
		-8.307e+05	-2.513e+05	-1.34e-03		101.6	715.03	1.437e+04	3299.11	1.107e+06	8.393e+04	3.164e+04
						203.2	715.03	2.614e+04	3299.11	1.105e+06	4.191e+05	2.090e+06
74	126	2.105e+06	3.567e+05	-1.87e-04	-1.11	0.0	811.00	2651.01	3040.13	1.268e+06	-2.610e+05	-8.188e+05
		-8.188e+05	-2.610e+05	-1.54e-03		101.6	811.00	1.439e+04	3040.13	1.264e+06	4.787e+04	4.662e+04
						203.2	811.00	2.613e+04	3040.13	1.263e+06	3.567e+05	2.105e+06
74	129	2.288e+06	3.434e+05	1.09e-03	-1.13	0.0	-220.63	3753.79	2752.21	1.564e+06	-2.159e+05	-9.161e+05
		-9.161e+05	-2.159e+05	-1.43e-03		101.6	-220.63	1.577e+04	2752.21	1.560e+06	6.374e+04	7.589e+04
						203.2	-220.63	2.776e+04	2752.21	1.561e+06	3.434e+05	2.288e+06
74	132	2.085e+06	3.460e+05	1.03e-03	-1.10	0.0	2083.55	2267.82	2548.38	1.992e+06	-1.718e+05	-7.139e+05
		-7.139e+05	-1.718e+05	-1.89e-03		101.6	2083.55	1.377e+04	2548.38	1.990e+06	8.707e+04	1.004e+05
						203.2	2083.55	2.531e+04	2548.38	1.995e+06	3.460e+05	2.085e+06
74	139	2.340e+06	3.227e+05	9.58e-04	-1.13	0.0	94.38	3870.63	2343.63	1.976e+06	-1.536e+05	-8.874e+05
		-8.874e+05	-1.536e+05	-1.73e-03		101.6	94.38	1.588e+04	2343.63	1.973e+06	8.455e+04	1.162e+05
						203.2	94.38	2.788e+04	2343.63	1.977e+06	3.227e+05	2.340e+06
74	146	2.112e+06	4.023e+05	2.31e-04	-1.11	0.0	764.04	2695.15	3152.19	1.263e+06	-2.383e+05	-8.271e+05
		-8.271e+05	-2.383e+05	-1.41e-03		101.6	764.04	1.446e+04	3152.19	1.259e+06	8.200e+04	4.443e+04
						203.2	764.04	2.623e+04	3152.19	1.258e+06	4.023e+05	2.112e+06
74	158	2.123e+06	3.540e+05	-1.93e-04	-1.11	0.0	838.28	2732.48	2951.86	1.384e+06	-2.458e+05	-8.179e+05
		-8.179e+05	-2.458e+05	-1.57e-03		101.6	838.28	1.447e+04	2951.86	1.379e+06	5.410e+04	5.602e+04
						203.2	838.28	2.622e+04	2951.86	1.380e+06	3.540e+05	2.123e+06
74	161	2.265e+06	3.437e+05	8.53e-04	-1.12	0.0	40.25	3585.55	2729.13	1.613e+06	-2.109e+05	-8.932e+05
		-8.932e+05	-2.109e+05	-1.48e-03		101.6	40.25	1.554e+04	2729.13	1.609e+06	6.638e+04	7.867e+04
						203.2	40.25	2.748e+04	2729.13	1.610e+06	3.437e+05	2.265e+06
74	164	2.108e+06	3.457e+05	-7.98e-04	-1.10	0.0	1822.68	2436.06	2571.46	1.943e+06	-1.768e+05	-7.368e+05
		-7.368e+05	-1.768e+05	-1.84e-03		101.6	1822.68	1.399e+04	2571.46	1.942e+06	8.443e+04	9.764e+04
						203.2	1822.68	2.558e+04	2571.46	1.946e+06	3.457e+05	2.108e+06
74	171	2.305e+06	3.277e+05	7.49e-04	-1.12	0.0	283.92	3675.94	2413.07	1.931e+06	-1.627e+05	-8.710e+05
		-8.710e+05	-1.627e+05	-1.72e-03		101.6	283.92	1.563e+04	2413.07	1.928e+06	8.248e+04	1.099e+05
						203.2	283.92	2.757e+04	2413.07	1.932e+06	3.277e+05	2.305e+06
129	4	5.747e+06	2.822e+05	0.02	-1.59	0.0	3525.39	-4.537e+04	-447.27	3.317e+05	2.822e+05	2.179e+06
		-4.333e+06	-6091.62	-1.48e-03		322.3	3525.39	5145.08	-447.27	3.360e+05	1.380e+05	-4.252e+06
						644.5	3525.39	5.787e+04	-447.27	3.507e+05	-6091.62	5.747e+06
129	5	3.422e+06	1.925e+05	0.01	-1.08	0.0	1913.82	-3.093e+04	-307.72	2.285e+05	1.925e+05	1.298e+06
		-3.142e+06	-5803.26	-9.42e-04		322.3	1913.82	3215.57	-307.72	2.338e+05	9.337e+04	-3.096e+06
						644.5	1913.82	3.775e+04	-307.72	2.463e+05	-5803.26	3.422e+06
129	9	5.023e+06	2.617e+05	0.02	-1.49	0.0	2903.89	-4.264e+04	-417.16	3.124e+05	2.617e+05	1.912e+06
		-4.209e+06	-7155.08	-1.31e-03		322.3	2903.89	4605.44	-417.16	3.181e+05	1.273e+05	-4.140e+06
						644.5	2903.89	5.305e+04	-417.16	3.336e+05	-7155.08	5.023e+06
129	114	3.925e+06	1.720e+05	0.02	-1.13	0.0	2823.92	-3.082e+04	-296.65	2.013e+05	1.720e+05	7.404e+05
		-3.489e+06	-1.923e+04	-6.93e-04		322.3	2823.92	4786.88	-296.65	2.059e+05	7.637e+04	-3.384e+06
						644.5	2823.92	4.120e+04	-296.65	2.168e+05	-1.923e+04	3.925e+06
129	117	3.869e+06	1.306e+05	0.02	-1.13	0.0	2777.11	-3.142e+04	-188.83	2.353e+05	1.306e+05	8.268e+05
		-3.514e+06	8844.45	-8.63e-04		322.3	2777.11	4600.53	-188.83	2.413e+05	6.970e+04	-3.418e+06
						644.5	2777.11	4.122e+04	-188.83	2.547e+05	8844.45	3.869e+06
129	118	3.925e+06	1.746e+05	0.02	-1.13	0.0	2834.52	-3.080e+04	-298.91	2.064e+05	1.746e+05	7.409e+05
		-3.486e+06	-1.804e+04	-6.18e-04		322.3	2834.52	4782.23	-298.91	2.110e+05	7.829e+04	-3.381e+06
						644.5	2834.52	4.118e+04	-298.91	2.220e+05	-1.804e+04	3.925e+06
129	119	3.647e+06	2.283e+05	0.01	-1.14	0.0	1573.85	-3.396e+04	-342.95	2.699e+05	2.283e+05	2.131e+06
		-2.939e+06	7227.30	-1.45e-03		322.3	1573.85	2190.24	-342.95	2.745e+05	1.177e+05	-2.939e+06
						644.5	1573.85	3.925e+04	-342.95	2.876e+05	7227.30	3.647e+06
129	132	3.846e+06	2.807e+05	0.02	-1.13	0.0	2084.04	-3.182e+04	-520.00	1.783e+05	2.807e+05	1.487e+06
		-3.089e+06	-5.443e+04	-1.01e-03		322.3	2084.04	3443.03	-520.00	1.802e+05	1.131e+05	-3.038e+06
						644.5	2084.04	3.992e+04	-520.00	1.877e+05	-5.443e+04	3.846e+06
129	140	3.846e+06	2.895e+05	0.02	-1.13	0.0	2119.38	-3.173e+04	-527.51	1.953e+05	2.895e+05	1.489e+06
		-3.077e+06	-5.045e+04	1.10e-03		322.3	2119.38	3427.53	-527.51	1.972e+05	1.195e+05	-3.027e+06
						644.5	2119.38	3.987e+04	-527.51	2.053e+05	-5.045e+04	3.846e+06
129	146	3.894e+06	1.786e+05	0.02	-1.13	0.0	2683.59	-3.118e+04	-302.15	2.097e+05	1.786e+05	8.980e+05
		-3.426e+06	-1.610e+04	-7.62e-04		322.3	2683.59	4492.37	-302.15	2.142e+05	8.127e+04	-3.333e+06
						644.5	2683.59	4.098e+04	-302.15	2.254e+05	-1.610e+04	3.894e+06
129	149	3.850e+06	1.466e+05	0.02	-1.13	0.0	2647.38	-3.164e+04	-218.74	2.359e+05	1.466e+05	9.648e+05
		-3.446e+06	5617.72	-8.93e-04		322.3	2647.38	4348.21	-218.74	2.416e+05	7.611e+04	-3.359e+06
						644.5	2647.38	4.099e+04	-218.74	2.547e+05	5617.72	3.850e+06
129	150	3.894e+06	1.807e+05	0.02	-1.13	0.0	2691.79	-3.116e+04	-303.89	2.136e+05	1.807e+05	8.984e+05
		-3.424e+06	-1.518e+04	-7.03e-04		322.3	2691.79	4488.77	-303.89	2.182e+05	8.276e+04	-3.331e+06
						644.5	2691.79	4.097e+04	-303.89	2.295e+05	-1.518e+04	3.894e+06
129	151	3.679e+06	2.222e+05	0.01	-1.14	0.0	1716.59	-3.361e+04	-337.97	2.627e+05	2.222e+05	1.974e+06
		-3.000e+06	4366.75	-1.35e-03		322.3	1716.59	2483.70	-337.97	2.673e+05	1.133e+05	-2.989e+06
						644.5	1716.59	3.947e+04	-337.97	2.802e+05	4366.75	3.679e+06
129	164	3.833e+06	2.628e+05	0.02	-1.13	0.0	2111.25	-3.195e+04	-474.92	1.918e+05	2.628e+05	1.476e+06
		-3.117e+06	-4.333e+04	-1.00e-03		322.3	2111.25	3452.81	-474.92	1.943e+05	1.097e+05	-3.066e+06
						644.5	2111.25	3.999e+04	-474.92	2.029e+05	-4.333e+04	3.833e+06
129	172	3.833e+06	2.696e+05	0.02	-1.13	0.0	2138.58	-3.187e+04	-480.73	2.050e+05	2.696e+05	1.477e+06
		-3.108e+06	-4.025e+04	-8.17e-04		322.3	2138.58	3440.83	-480.73	2.075e+05	1.147e+05	-3.057e+06
						644.5	2138.58	3.995e+04	-480.73	2.165e+05	-4.025e+04	3.833e+06

130	3	5.889e+06	244.80	-5.01e-03	-1.61	0.0	1781.31	-4.087e+04	-73.08	3.481e+05	244.80	5.889e+06
		1.069e+06	-2.989e+04	1.76e-03		206.2	1781.31	-5098.93	-73.08	3.632e+05	-1.482e+04	1.143e+06
						412.3	1781.31	3.058e+04	-73.08	3.828e+05	-2.989e+04	3.779e+06
130	4	5.935e+06	237.92	-5.10e-03	-1.62	0.0	1800.54	-4.111e+04	-73.03	3.491e+05	237.92	5.935e+06
		1.087e+06	-2.987e+04	1.76e-03		206.2	1800.54	-5129.96	-73.03	3.642e+05	-1.482e+04	1.161e+06
						412.3	1800.54	3.075e+04	-73.03	3.838e+05	-2.987e+04	3.812e+06
130	5	3.535e+06	-1532.70	-2.45e-03	-1.10	0.0	843.61	-2.647e+04	-49.38	2.480e+05	-1532.70	3.535e+06
		4.385e+05	-2.189e+04	1.24e-03		206.2	843.61	-3101.71	-49.38	2.600e+05	-1.171e+04	4.807e+05
						412.3	843.61	2.029e+04	-49.38	2.752e+05	-2.189e+04	2.256e+06
130	114	3.942e+06	-9166.67	-3.29e-03	-1.14	0.0	1499.07	-2.781e+04	6.60	2.441e+05	-1.189e+04	3.942e+06
		7.205e+05	-1.189e+04	9.63e-04		206.2	1499.07	-3015.46	6.60	2.548e+05	-1.053e+04	7.581e+05
						412.3	1499.07	2.175e+04	6.60	2.686e+05	-9166.67	2.696e+06
130	115	3.879e+06	1.005e+04	-2.57e-03	-1.16	0.0	582.51	-2.889e+04	-110.30	2.667e+05	1.005e+04	3.879e+06
		4.463e+05	-3.542e+04	1.60e-03		206.2	582.51	-3803.60	-110.30	2.797e+05	-1.268e+04	5.038e+05
						412.3	582.51	2.128e+04	-110.30	2.963e+05	-3.542e+04	2.309e+06
130	129	3.811e+06	3.844e+04	-2.72e-03	-1.16	0.0	1043.31	-2.827e+04	-69.08	2.400e+05	3.844e+04	3.811e+06
		5.150e+05	9956.19	1.71e-03		206.2	1043.31	-3235.24	-69.08	2.553e+05	2.420e+04	5.579e+05
						412.3	1043.31	2.180e+04	-69.08	2.739e+05	9956.19	2.476e+06
130	130	4.011e+06	-3.981e+04	-3.30e-03	-1.14	0.0	1290.96	-2.812e+04	-5.29	2.621e+05	-3.981e+04	4.011e+06
		7.159e+05	-4.199e+04	7.48e-04		206.2	1290.96	-3338.12	-5.29	2.704e+05	-4.090e+04	7.619e+05
						412.3	1290.96	2.141e+04	-5.29	2.821e+05	-4.199e+04	2.631e+06
130	140	4.009e+06	-3.900e+04	-3.08e-03	-1.15	0.0	1025.96	-2.847e+04	-41.38	2.760e+05	-3.900e+04	4.009e+06
		6.409e+05	-5.607e+04	1.52e-03		206.2	1025.96	-3620.33	-41.38	2.849e+05	-4.754e+04	6.940e+05
						412.3	1025.96	2.124e+04	-41.38	2.975e+05	-5.607e+04	2.515e+06
130	146	3.935e+06	-9404.14	-3.21e-03	-1.15	0.0	1395.30	-2.794e+04	-6.63	2.467e+05	-9404.14	3.935e+06
		6.894e+05	-1.214e+04	1.04e-03		206.2	1395.30	-3104.69	-6.63	2.576e+05	-1.077e+04	7.293e+05
						412.3	1395.30	2.170e+04	-6.63	2.718e+05	-1.214e+04	2.652e+06
130	147	3.886e+06	7569.81	-2.65e-03	-1.16	0.0	686.28	-2.877e+04	-97.06	2.641e+05	7569.81	3.886e+06
		4.773e+05	-3.245e+04	1.52e-03		206.2	686.28	-3714.37	-97.06	2.769e+05	-1.244e+04	5.326e+05
						412.3	686.28	2.133e+04	-97.06	2.932e+05	-3.245e+04	2.353e+06
130	161	3.834e+06	2.953e+04	-2.76e-03	-1.16	0.0	1042.74	-2.829e+04	-65.18	2.435e+05	2.953e+04	3.834e+06
		5.305e+05	2653.27	1.61e-03		206.2	1042.74	-3274.71	-65.18	2.580e+05	1.609e+04	5.745e+05
						412.3	1042.74	2.173e+04	-65.18	2.758e+05	2653.27	2.482e+06
130	162	3.988e+06	-3.101e+04	-3.22e-03	-1.14	0.0	1234.31	-2.817e+04	-15.83	2.606e+05	-3.101e+04	3.988e+06
		6.859e+05	-3.753e+04	8.69e-04		206.2	1234.31	-3354.29	-15.83	2.697e+05	-3.427e+04	7.322e+05
						412.3	1234.31	2.143e+04	-15.83	2.821e+05	-3.753e+04	2.602e+06
130	172	3.986e+06	-3.038e+04	-3.05e-03	-1.15	0.0	1029.32	-2.845e+04	-43.75	2.714e+05	-3.038e+04	3.986e+06
		6.279e+05	-4.842e+04	1.47e-03		206.2	1029.32	-3572.60	-43.75	2.809e+05	-3.940e+04	6.797e+05
						412.3	1029.32	2.130e+04	-43.75	2.941e+05	-4.842e+04	2.512e+06
131	4	3.907e+06	-1.811e+04	-0.02	-1.61	0.0	1550.88	-4.619e+04	-174.38	4.572e+05	-1.811e+04	3.907e+06
		-2.426e+06	-8.971e+04	8.24e-04		205.3	1550.88	-1.172e+04	-174.38	4.821e+05	-5.391e+04	-2.006e+06
						410.6	1550.88	2.133e+04	-174.38	5.130e+05	-8.971e+04	-1.006e+06
131	5	2.292e+06	-1.326e+04	-8.42e-03	-1.09	0.0	819.98	-2.977e+04	-114.65	3.289e+05	-1.326e+04	2.292e+06
		-1.697e+06	-6.034e+04	5.69e-04		205.3	819.98	-7057.03	-114.65	3.479e+05	-3.680e+04	-1.474e+06
						410.6	819.98	1.510e+04	-114.65	3.713e+05	-6.034e+04	-6.465e+05
131	12	2.360e+06	-1.319e+04	-9.39e-03	-1.11	0.0	837.88	-3.031e+04	-116.46	3.312e+05	-1.319e+04	2.360e+06
		-1.710e+06	-6.102e+04	5.74e-04		205.3	837.88	-7237.34	-116.46	3.502e+05	-3.711e+04	-1.479e+06
						410.6	837.88	1.522e+04	-116.46	3.736e+05	-6.102e+04	-6.563e+05
131	114	2.639e+06	-2905.08	-0.01	-1.14	0.0	1438.04	-3.166e+04	-5.36	3.488e+05	-2905.08	2.639e+06
		-1.661e+06	-5107.23	7.52e-04		205.3	1438.04	-7817.76	-5.36	3.665e+05	-4006.15	-1.393e+06
						410.6	1438.04	1.509e+04	-5.36	3.888e+05	-5107.23	-6.373e+05
131	115	2.465e+06	-2.412e+04	-8.67e-03	-1.15	0.0	473.20	-3.209e+04	-238.09	3.255e+05	-2.412e+04	2.465e+06
		-1.857e+06	-1.219e+05	5.49e-04		205.3	473.20	-7723.50	-238.09	3.459e+05	-7.300e+04	-1.606e+06
						410.6	473.20	1.606e+04	-238.09	3.706e+05	-1.219e+05	-7.486e+05
131	130	2.660e+06	6322.69	-0.01	-1.13	0.0	1215.92	-3.189e+04	114.03	4.228e+05	-4.050e+04	2.660e+06
		-1.706e+06	-4.050e+04	-2.57e-04		205.3	1215.92	-8056.76	114.03	4.389e+05	-1.709e+04	-1.420e+06
						410.6	1215.92	1.486e+04	114.03	4.605e+05	6322.69	-7.130e+05
131	131	2.444e+06	1.348e+04	-9.03e-03	-1.16	0.0	695.32	-3.186e+04	-357.48	2.515e+05	1.348e+04	2.444e+06
		-1.811e+06	-1.333e+05	1.43e-03		205.3	695.32	-7484.49	-357.48	2.735e+05	-5.992e+04	-1.579e+06
						410.6	695.32	1.629e+04	-357.48	2.990e+05	-1.333e+05	-6.728e+05
131	137	2.495e+06	2.713e+04	-0.01	-1.15	0.0	1006.93	-3.169e+04	-266.08	2.552e+05	2.713e+04	2.495e+06
		-1.749e+06	-8.214e+04	1.20e-03		205.3	1006.93	-7509.55	-266.08	2.764e+05	-2.750e+04	-1.512e+06
						410.6	1006.93	1.594e+04	-266.08	3.010e+05	-8.214e+04	-6.407e+05
131	146	2.619e+06	-5306.88	-0.01	-1.14	0.0	1328.80	-3.171e+04	-31.71	3.462e+05	-5306.88	2.619e+06
		-1.683e+06	-1.833e+04	7.15e-04		205.3	1328.80	-7807.08	-31.71	3.642e+05	-1.182e+04	-1.417e+06
						410.6	1328.80	1.520e+04	-31.71	3.867e+05	-1.833e+04	-6.499e+05
131	147	2.485e+06	-2.172e+04	-9.36e-03	-1.15	0.0	582.43	-3.204e+04	-211.74	3.281e+05	-2.172e+04	2.485e+06
		-1.834e+06	-1.087e+05	5.52e-04		205.3	582.43	-7734.17	-211.74	3.482e+05	-6.519e+04	-1.582e+06
						410.6	582.43	1.595e+04	-211.74	3.727e+05	-1.087e+05	-7.360e+05
131	162	2.636e+06	-9487.14	-0.01	-1.14	0.0	1156.98	-3.189e+04	60.64	4.034e+05	-3.439e+04	2.636e+06
		-1.718e+06	-3.439e+04	-6.51e-05		205.3	1156.98	-7991.97	60.64	4.202e+05	-2.194e+04	-1.438e+06
						410.6	1156.98	1.502e+04	60.64	4.422e+05	-9487.14	-7.085e+05
131	163	2.468e+06	7365.46	-9.64e-03	-1.16	0.0	754.26	-3.186e+04	-304.09	2.709e+05	7365.46	2.468e+06
		-1.799e+06	-1.175e+05	1.24e-03		205.3	754.26	-7549.28	-304.09	2.922e+05	-5.507e+04	-1.561e+06
						410.6	754.26	1.613e+04	-304.09	3.173e+05	-1.175e+05	-6.774e+05
131	169	2.508e+06	1.793e+04	-0.01	-1.15	0.0	995.31	-3.173e+04	-233.39	2.738e+05	1.793e+04	2.508e+06
		-1.751e+06	-7.792e+04	1.06e-03		205.3	995.31	-7568.66	-233.39	2.944e+05	-3.000e+04	-1.509e+06

						410.6	995.31	1.586e+04	-233.39	3.188e+05	-7.792e+04	-6.525e+05	
165	1	2.537e+06	-1.223e+04	0.03	-1.53	0.0	3608.13	-2.918e+04	51.08	1.438e+05	-3.294e+04	2.228e+06	
		-7.044e+05	-3.294e+04	-2.13e-04		202.8	3608.13	503.57	51.08	1.778e+05	-2.259e+04	-7.044e+05	
						405.5	3608.13	3.174e+04	51.08	2.141e+05	-1.223e+04	2.537e+06	
165	4	2.878e+06	-1.287e+04	0.03	-1.65	0.0	4478.86	-3.259e+04	68.09	1.782e+05	-4.048e+04	2.606e+06	
		-6.829e+05	-4.048e+04	-2.57e-04		202.8	4478.86	401.89	68.09	2.123e+05	-2.667e+04	-6.829e+05	
						405.5	4478.86	3.501e+04	68.09	2.490e+05	-1.287e+04	2.878e+06	
165	5	1.793e+06	-9054.40	0.02	-1.12	0.0	2381.01	-2.086e+04	30.86	9.534e+04	-2.157e+04	1.533e+06	
		-5.543e+05	-2.157e+04	-1.48e-04		202.8	2381.01	445.15	30.86	1.215e+05	-1.531e+04	-5.543e+05	
						405.5	2381.01	2.291e+04	30.86	1.492e+05	-9054.40	1.793e+06	
165	114	1.987e+06	4.266e+04	0.02	-1.17	0.0	3369.65	-2.185e+04	-171.68	7.759e+04	4.266e+04	1.610e+06	
		-5.527e+05	-2.696e+04	5.08e-04		202.8	3369.65	720.51	-171.68	1.030e+05	7850.13	-5.527e+05	
						405.5	3369.65	2.456e+04	-171.68	1.297e+05	-2.696e+04	1.987e+06	
165	115	1.905e+06	8232.79	0.02	-1.18	0.0	2168.55	-2.294e+04	249.09	1.433e+05	-9.277e+04	1.802e+06	
		-5.346e+05	-9.277e+04	-8.40e-04		202.8	2168.55	67.02	249.09	1.703e+05	-4.227e+04	-5.346e+05	
						405.5	2168.55	2.419e+04	249.09	1.993e+05	8232.79	1.905e+06	
165	122	1.990e+06	2.830e+04	0.02	-1.17	0.0	3350.87	-2.185e+04	-138.97	6.820e+04	2.830e+04	1.608e+06	
		-5.533e+05	-2.805e+04	1.54e-04		202.8	3350.87	731.81	-138.97	9.359e+04	125.37	-5.533e+05	
						405.5	3350.87	2.457e+04	-138.97	1.201e+05	-2.805e+04	1.990e+06	
165	130	2.035e+06	2.090e+04	0.02	-1.18	0.0	4683.10	-2.180e+04	-79.26	1.158e+05	2.090e+04	1.594e+06	
		-5.492e+05	-1.124e+04	-1.69e-04		202.8	4683.10	866.73	-79.26	1.417e+05	4828.89	-5.492e+05	
						405.5	4683.10	2.485e+04	-79.26	1.694e+05	-1.124e+04	2.035e+06	
165	131	1.858e+06	-7483.97	0.02	-1.17	0.0	855.10	-2.299e+04	156.67	1.051e+05	-7.101e+04	1.818e+06	
		-5.381e+05	-7.101e+04	-1.62e-04		202.8	855.10	-79.20	156.67	1.316e+05	-3.925e+04	-5.381e+05	
						405.5	855.10	2.390e+04	156.67	1.597e+05	-7483.97	1.858e+06	
165	134	2.035e+06	1.659e+04	0.02	-1.18	0.0	4677.46	-2.180e+04	-69.45	1.130e+05	1.659e+04	1.593e+06	
		-5.494e+05	-1.157e+04	-2.76e-04		202.8	4677.46	870.12	-69.45	1.389e+05	2511.47	-5.494e+05	
						405.5	4677.46	2.486e+04	-69.45	1.665e+05	-1.157e+04	2.035e+06	
165	146	1.978e+06	2.733e+04	0.02	-1.17	0.0	3233.67	-2.198e+04	-124.04	8.503e+04	2.733e+04	1.631e+06	
		-5.507e+05	-2.297e+04	3.56e-04		202.8	3233.67	646.52	-124.04	1.106e+05	2175.65	-5.507e+05	
						405.5	3233.67	2.452e+04	-124.04	1.376e+05	-2.297e+04	1.978e+06	
165	147	1.914e+06	4248.47	0.02	-1.18	0.0	2304.53	-2.282e+04	201.45	1.359e+05	-7.744e+04	1.780e+06	
		-5.367e+05	-7.744e+04	-6.87e-04		202.8	2304.53	141.00	201.45	1.627e+05	-3.660e+04	-5.367e+05	
						405.5	2304.53	2.424e+04	201.45	1.914e+05	4248.47	1.914e+06	
165	154	1.980e+06	1.622e+04	0.02	-1.17	0.0	3219.14	-2.197e+04	-98.74	7.777e+04	1.622e+04	1.630e+06	
		-5.511e+05	-2.382e+04	8.56e-05		202.8	3219.14	655.27	-98.74	1.033e+05	-3799.94	-5.511e+05	
						405.5	3219.14	2.453e+04	-98.74	1.302e+05	-2.382e+04	1.980e+06	
165	162	2.015e+06	1.049e+04	0.02	-1.18	0.0	4249.70	-2.194e+04	-52.55	1.146e+05	1.049e+04	1.619e+06	
		-5.480e+05	-1.082e+04	-1.68e-04		202.8	4249.70	759.63	-52.55	1.406e+05	-161.47	-5.480e+05	
						405.5	4249.70	2.474e+04	-52.55	1.683e+05	-1.082e+04	2.015e+06	
165	163	1.878e+06	-7909.44	0.02	-1.17	0.0	1288.50	-2.286e+04	129.96	1.063e+05	-6.061e+04	1.792e+06	
		-5.394e+05	-6.061e+04	-1.63e-04		202.8	1288.50	27.89	129.96	1.327e+05	-3.426e+04	-5.394e+05	
						405.5	1288.50	2.401e+04	129.96	1.608e+05	-7909.44	1.878e+06	
165	166	2.015e+06	7161.49	0.02	-1.18	0.0	4245.34	-2.194e+04	-44.96	1.124e+05	7161.49	1.619e+06	
		-5.481e+05	-1.107e+04	-2.51e-04		202.8	4245.34	762.25	-44.96	1.384e+05	-1954.14	-5.481e+05	
						405.5	4245.34	2.475e+04	-44.96	1.661e+05	-1.107e+04	2.015e+06	
166	1	2.537e+06	-1.545e+04	0.02	-1.62	0.0	8741.12	-3.325e+04	-17.75	2.409e+05	-1.545e+04	2.537e+06	
		-9.200e+05	-2.266e+04	-7.60e-04		203.0	8741.12	-630.04	-17.75	2.800e+05	-1.906e+04	-9.200e+05	
						406.1	8741.12	3.316e+04	-17.75	3.225e+05	-2.266e+04	2.360e+06	
166	4	2.878e+06	-1.671e+04	0.02	-1.74	0.0	1.039e+04	-3.650e+04	-19.70	2.753e+05	-1.671e+04	2.878e+06	
		-8.969e+05	-2.471e+04	-8.69e-04		203.0	1.039e+04	-523.41	-19.70	3.153e+05	-2.071e+04	-8.969e+05	
						406.1	1.039e+04	3.654e+04	-19.70	3.591e+05	-2.471e+04	2.739e+06	
166	5	1.793e+06	-1.125e+04	0.02	-1.19	0.0	5963.58	-2.407e+04	-13.21	1.701e+05	-1.125e+04	1.793e+06	
		-7.195e+05	-1.661e+04	-5.36e-04		203.0	5963.58	-535.12	-13.21	1.998e+05	-1.393e+04	-7.195e+05	
						406.1	5963.58	2.395e+04	-13.21	2.319e+05	-1.661e+04	1.639e+06	
166	114	1.987e+06	-2.606e+04	0.02	-1.24	0.0	6959.32	-2.556e+04	-45.42	1.949e+05	-2.606e+04	1.987e+06	
		-6.830e+05	-4.450e+04	1.19e-04		203.0	6959.32	-598.34	-45.42	2.236e+05	-3.528e+04	-6.830e+05	
						406.1	6959.32	2.532e+04	-45.42	2.551e+05	-4.450e+04	1.809e+06	
166	115	1.905e+06	9537.22	0.02	-1.25	0.0	6447.07	-2.550e+04	17.60	1.755e+05	2388.93	1.905e+06	
		-7.348e+05	2388.93	-1.15e-03		203.0	6447.07	-374.83	17.60	2.069e+05	5963.08	-7.348e+05	
						406.1	6447.07	2.561e+04	17.60	2.408e+05	9537.22	1.811e+06	
166	124	1.953e+06	6063.60	0.02	-1.26	0.0	6686.25	-2.589e+04	-19.10	1.883e+05	6063.60	1.953e+06	
		-7.574e+05	-1693.43	-7.59e-04		203.0	6686.25	-672.70	-19.10	2.201e+05	2185.08	-7.574e+05	
						406.1	6686.25	2.546e+04	-19.10	2.547e+05	-1693.43	1.742e+06	
166	130	2.035e+06	-1.150e+04	0.02	-1.26	0.0	7141.13	-2.612e+04	-65.48	2.042e+05	-1.150e+04	2.035e+06	
		-7.300e+05	-3.810e+04	-4.78e-04		203.0	7141.13	-965.90	-65.48	2.342e+05	-2.480e+04	-7.300e+05	
						406.1	7141.13	2.518e+04	-65.48	2.671e+05	-3.810e+04	1.710e+06	
166	131	1.910e+06	3131.47	0.01	-1.24	0.0	6265.26	-2.495e+04	37.66	1.661e+05	-1.216e+04	1.858e+06	
		-6.878e+05	-1.216e+04	-6.89e-04		203.0	6265.26	-7.27	37.66	1.963e+05	-4516.40	-6.878e+05	
						406.1	6265.26	2.575e+04	37.66	2.288e+05	3131.47	1.910e+06	
166	134	2.035e+06	-1.170e+04	0.02	-1.26	0.0	7140.80	-2.611e+04	-62.80	2.036e+05	-1.170e+04	2.035e+06	
		-7.289e+05	-3.720e+04	-6.06e-04		203.0	7140.80	-964.72	-62.80	2.335e+05	-2.445e+04	-7.289e+05	
						406.1	7140.80	2.518e+04	-62.80	2.663e+05	-3.720e+04	1.711e+06	
166	146	1.978e+06	-2.284e+04	0.02	-1.24	0.0	6901.32	-2.556e+04	-38.28	1.927e+05	-2.284e+04	1.978e+06	
		-6.889e+05	-3.838e+04	-1.49e-04		203.0	6901.32	-573.04	-38.28	2.217e+05	-3.061e+04	-6.889e+05	
						406.1	6901.32	2.535e+04	-38.28	2.535e+05	-3.838e+04	1.809e+06	
166	147	1.914e+06	3419.11	0.02	-1.25	0.0	6505.07	-2.551e+04	10.47	1.777e+05	-831.73	1.914e+06	

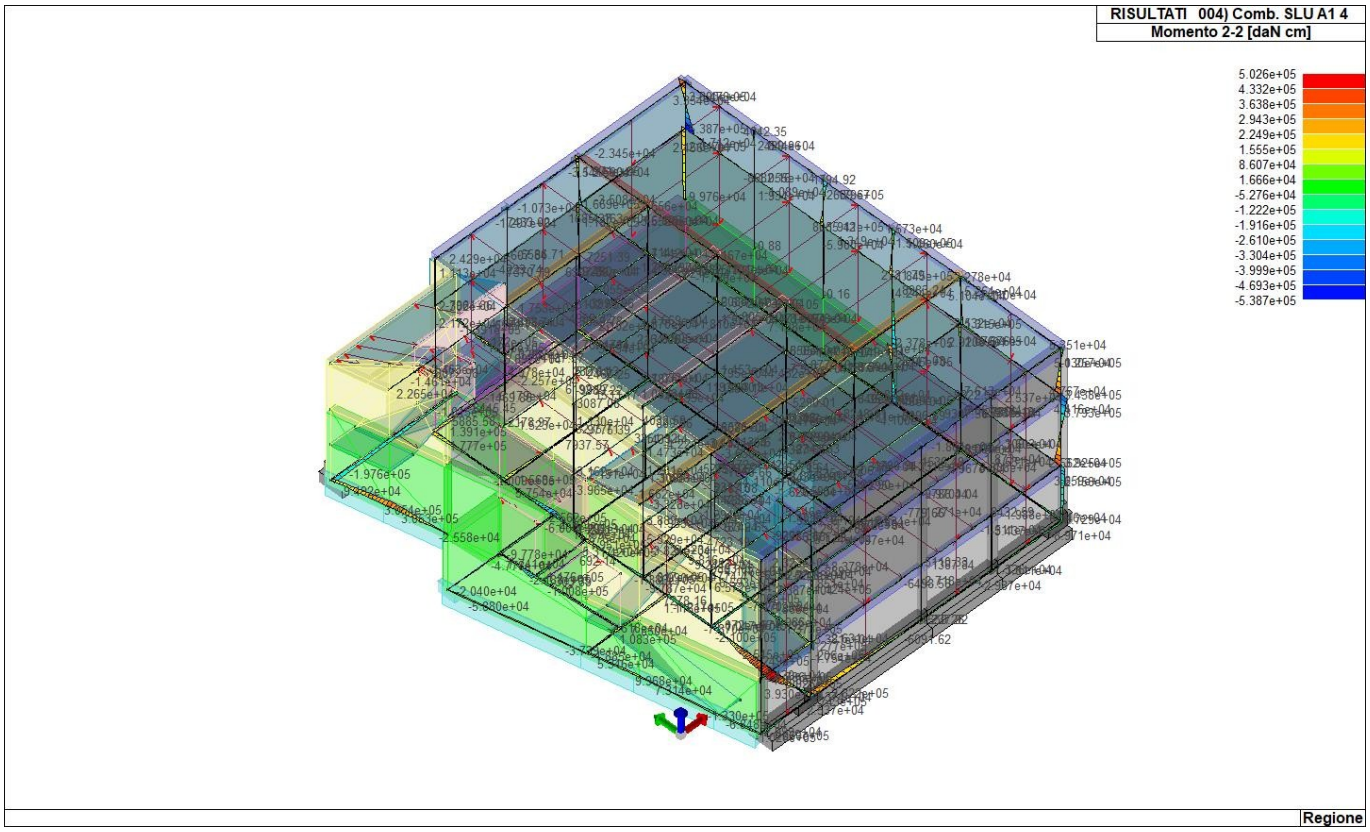
		-7.290e+05	-831.73	-1.02e-03		203.0	6505.07	-400.14	10.47	2.088e+05	1293.69	-7.290e+05	
						406.1	6505.07	2.558e+04	10.47	2.424e+05	3419.11	1.811e+06	
166	156	1.951e+06	2010.87	0.02	-1.25	0.0	6690.09	-2.581e+04	-17.93	1.876e+05	2010.87	1.951e+06	
		-7.464e+05	-5268.52	-7.20e-04		203.0	6690.09	-630.56	-17.93	2.190e+05	-1628.82	-7.464e+05	
						406.1	6690.09	2.547e+04	-17.93	2.532e+05	-5268.52	1.757e+06	
166	162	2.015e+06	-1.158e+04	0.02	-1.25	0.0	7041.97	-2.598e+04	-53.80	1.999e+05	-1.158e+04	2.015e+06	
		-7.252e+05	-3.343e+04	-5.02e-04		203.0	7041.97	-857.37	-53.80	2.299e+05	-2.250e+04	-7.252e+05	
						406.1	7041.97	2.525e+04	-53.80	2.628e+05	-3.343e+04	1.732e+06	
166	163	1.887e+06	-1536.15	0.01	-1.24	0.0	6364.42	-2.508e+04	25.99	1.704e+05	-1.209e+04	1.878e+06	
		-6.926e+05	-1.209e+04	-6.66e-04		203.0	6364.42	-115.80	25.99	2.006e+05	-6812.85	-6.926e+05	
						406.1	6364.42	2.569e+04	25.99	2.331e+05	-1536.15	1.887e+06	
166	166	2.015e+06	-1.173e+04	0.02	-1.25	0.0	7041.71	-2.598e+04	-51.73	1.994e+05	-1.173e+04	2.015e+06	
		-7.244e+05	-3.274e+04	-6.01e-04		203.0	7041.71	-856.45	-51.73	2.294e+05	-2.223e+04	-7.244e+05	
						406.1	7041.71	2.524e+04	-51.73	2.622e+05	-3.274e+04	1.733e+06	
167	4	2.739e+06	2.573e+04	-0.02	-1.84	0.0	7946.68	-4.359e+04	-52.52	3.682e+05	2.573e+04	2.739e+06	
		-2.347e+06	4382.13	-9.20e-04		203.2	7946.68	-5551.82	-52.52	4.166e+05	1.506e+04	-2.268e+06	
						406.5	7946.68	3.370e+04	-52.52	4.700e+05	4382.13	5.628e+05	
167	5	1.639e+06	1.803e+04	-0.02	-1.29	0.0	4886.28	-2.902e+04	-33.77	2.417e+05	1.803e+04	1.639e+06	
		-1.736e+06	4302.64	-5.56e-04		203.2	4886.28	-3566.51	-33.77	2.767e+05	1.117e+04	-1.687e+06	
						406.5	4886.28	2.312e+04	-33.77	3.152e+05	4302.64	2.721e+05	
167	8	2.018e+06	1.934e+04	-0.02	-1.39	0.0	5881.57	-3.269e+04	-38.57	2.759e+05	1.934e+04	2.018e+06	
		-1.793e+06	3657.99	-6.82e-04		203.2	5881.57	-4132.86	-38.57	3.127e+05	1.150e+04	-1.734e+06	
						406.5	5881.57	2.541e+04	-38.57	3.534e+05	3657.99	4.042e+05	
167	133	1.930e+06	5.247e+04	-0.02	-1.31	0.0	5710.30	-3.053e+04	74.40	2.470e+05	2.223e+04	1.930e+06	
		-1.659e+06	2.223e+04	-2.58e-04		203.2	5710.30	-4081.67	74.40	2.816e+05	3.735e+04	-1.597e+06	
						406.5	5710.30	2.329e+04	74.40	3.196e+05	5.247e+04	3.325e+05	
167	136	1.690e+06	1.513e+04	-0.02	-1.37	0.0	4956.78	-3.080e+04	-146.89	2.664e+05	1.513e+04	1.690e+06	
		-1.865e+06	-4.457e+04	-1.03e-03		203.2	4956.78	-3564.99	-146.89	3.036e+05	-1.472e+04	-1.818e+06	
						406.5	4956.78	2.499e+04	-146.89	3.444e+05	-4.457e+04	3.289e+05	
167	165	1.903e+06	4.148e+04	-0.02	-1.32	0.0	5624.99	-3.056e+04	49.35	2.492e+05	2.142e+04	1.903e+06	
		-1.682e+06	2.142e+04	-3.10e-04		203.2	5624.99	-4023.17	49.35	2.841e+05	3.145e+04	-1.622e+06	
						406.5	5624.99	2.349e+04	49.35	3.224e+05	4.148e+04	3.321e+05	
167	168	1.717e+06	1.594e+04	-0.02	-1.36	0.0	5042.09	-3.077e+04	-121.83	2.642e+05	1.594e+04	1.717e+06	
		-1.841e+06	-3.359e+04	-9.34e-04		203.2	5042.09	-3623.49	-121.83	3.011e+05	-8824.79	-1.793e+06	
						406.5	5042.09	2.480e+04	-121.83	3.416e+05	-3.359e+04	3.293e+05	
173	1	3.351e+06	-2.285e+04	0.01	-1.33	0.0	4780.89	-3.155e+04	-55.38	-3.146e+04	-2.285e+04	3.351e+06	
		-4.661e+05	-4.617e+04	-4.22e-04		210.5	4780.89	-4044.43	-55.38	-4.731e+04	-3.451e+04	-4.054e+05	
						421.0	4780.89	2.402e+04	-55.38	-6.378e+04	-4.617e+04	1.686e+06	
173	4	3.677e+06	-2.257e+04	0.01	-1.41	0.0	5886.38	-3.382e+04	-35.87	5.951e+04	-2.257e+04	3.677e+06	
		-3.747e+05	-3.767e+04	-3.97e-04		210.5	5886.38	-4011.40	-35.87	4.785e+04	-3.012e+04	-3.188e+05	
						421.0	5886.38	2.651e+04	-35.87	3.682e+04	-3.767e+04	2.036e+06	
173	5	2.431e+06	-1.763e+04	6.87e-03	-0.99	0.0	3189.83	-2.321e+04	-50.77	-6.687e+04	-1.763e+04	2.431e+06	
		-3.964e+05	-3.900e+04	-3.40e-04		210.5	3189.83	-3126.39	-50.77	-8.097e+04	-2.831e+04	-3.475e+05	
						421.0	3189.83	1.732e+04	-50.77	-9.614e+04	-3.900e+04	1.139e+06	
173	7	2.739e+06	-1.727e+04	9.41e-03	-1.06	0.0	4246.68	-2.533e+04	-31.75	1.845e+04	-1.727e+04	2.739e+06	
		-3.072e+05	-3.064e+04	-3.19e-04		210.5	4246.68	-3095.40	-31.75	8290.17	-2.396e+04	-2.628e+05	
						421.0	4246.68	1.966e+04	-31.75	-1755.71	-3.064e+04	1.471e+06	
173	121	2.559e+06	-1.247e+04	8.81e-03	-1.01	0.0	4379.62	-2.380e+04	-102.25	-4.769e+04	-1.247e+04	2.559e+06	
		-3.111e+05	-5.552e+04	-2.20e-04		210.5	4379.62	-2968.44	-102.25	-5.905e+04	-3.399e+04	-2.676e+05	
						421.0	4379.62	1.835e+04	-102.25	-7.118e+04	-5.552e+04	1.342e+06	
173	124	2.593e+06	-1.520e+04	7.09e-03	-1.03	0.0	2974.18	-2.467e+04	17.55	-3685.80	-2.259e+04	2.593e+06	
		-4.032e+05	-2.259e+04	-4.34e-04		210.5	2974.18	-3254.67	17.55	-1.680e+04	-1.889e+04	-3.531e+05	
						421.0	2974.18	1.854e+04	17.55	-3.013e+04	-1.520e+04	1.248e+06	
173	135	2.632e+06	1.305e+04	7.11e-03	-1.01	0.0	3891.22	-2.420e+04	-35.16	-2.513e+04	1.305e+04	2.632e+06	
		-3.192e+05	-1754.64	-1.52e-04		210.5	3891.22	-3280.34	-35.16	-3.581e+04	5647.06	-2.676e+05	
						421.0	3891.22	1.802e+04	-35.16	-4.696e+04	-1754.64	1.277e+06	
173	136	2.537e+06	-4.584e+04	8.18e-03	-1.04	0.0	3111.16	-2.450e+04	-15.37	-1.404e+04	-4.584e+04	2.537e+06	
		-4.142e+05	-5.232e+04	-5.32e-04		210.5	3111.16	-3049.41	-15.37	-2.806e+04	-4.908e+04	-3.696e+05	
						421.0	3111.16	1.884e+04	-15.37	-4.244e+04	-5.232e+04	1.284e+06	
173	142	2.523e+06	-4.806e+04	8.26e-03	-1.03	0.0	3506.20	-2.425e+04	-62.40	-2.206e+04	-4.806e+04	2.523e+06	
		-3.891e+05	-7.433e+04	2.39e-04		210.5	3506.20	-2942.66	-62.40	-3.564e+04	-6.119e+04	-3.471e+05	
						421.0	3506.20	1.882e+04	-62.40	-4.970e+04	-7.433e+04	1.315e+06	
173	153	2.563e+06	-1.362e+04	8.62e-03	-1.02	0.0	4220.50	-2.390e+04	-88.68	-4.271e+04	-1.362e+04	2.563e+06	
		-3.215e+05	-5.095e+04	-2.45e-04		210.5	4220.50	-3000.84	-88.68	-5.426e+04	-3.228e+04	-2.773e+05	
						421.0	4220.50	1.837e+04	-88.68	-6.653e+04	-5.095e+04	1.331e+06	
173	156	2.589e+06	-1.976e+04	7.29e-03	-1.03	0.0	3133.30	-2.457e+04	3.99	-8668.21	-2.144e+04	2.589e+06	
		-3.928e+05	-2.144e+04	-4.10e-04		210.5	3133.30	-3222.26	3.99	-2.158e+04	-2.060e+04	-3.435e+05	
						421.0	3133.30	1.852e+04	3.99	-3.477e+04	-1.976e+04	1.259e+06	
173	167	2.620e+06	6124.74	7.30e-03	-1.01	0.0	3842.69	-2.421e+04	-36.79	-2.526e+04	6124.74	2.620e+06	
		-3.278e+05	-9363.68	-1.92e-04		210.5	3842.69	-3242.12	-36.79	-3.629e+04	-1619.47	-2.773e+05	
						421.0	3842.69	1.812e+04	-36.79	-4.780e+04	-9363.68	1.281e+06	
173	168	2.546e+06	-3.943e+04	8.13e-03	-1.03	0.0	3239.26	-2.444e+04	-21.48	-1.668e+04	-3.943e+04	2.546e+06	
		-4.013e+05	-4.848e+04	-4.86e-04		210.5	3239.26	-3063.48	-21.48	-3.029e+04	-4.395e+04	-3.562e+05	
						421.0	3239.26	1.875e+04	-21.48	-4.430e+04	-4.848e+04	1.286e+06	
173	174	2.535e+06	-4.114e+04	8.19e-03	-1.03	0.0	3544.85	-2.425e+04	-57.86	-2.288e+04	-4.114e+04	2.535e+06	
		-3.819e+05	-6.550e+04	1.66e-04		210.5	3544.85	-2980.90	-57.86	-3.616e+04	-5.332e+04	-3.388e+05	
						421.0	3544.85	1.873e+04	-57.86	-4.991e+04	-6.550e+04	1.310e+06	

174	4	3.677e+06	1.391e+05	0.03	-1.36	0.0	3722.03	-1.858e+04	-475.46	1.404e+05	1.391e+05	1.708e+05
		-1.220e+06	-6.179e+04	-1.85e-04		211.2	3722.03	7969.71	-475.46	1.259e+05	3.865e+04	-9.789e+05
						422.5	3722.03	3.645e+04	-475.46	1.130e+05	-6.179e+04	3.677e+06
174	5	2.431e+06	1.124e+05	0.02	-0.96	0.0	2126.73	-1.267e+04	-367.89	1.091e+04	1.124e+05	-2.295e+04
		-9.557e+05	-4.303e+04	-1.81e-04		211.2	2126.73	5625.47	-367.89	-2656.70	3.469e+04	-7.819e+05
						422.5	2126.73	2.499e+04	-367.89	-1.626e+04	-4.303e+04	2.431e+06
174	9	3.386e+06	1.442e+05	0.03	-1.30	0.0	3188.04	-1.753e+04	-479.75	7.161e+04	1.442e+05	6.324e+04
		-1.241e+06	-5.848e+04	-2.11e-04		211.2	3188.04	7591.77	-479.75	5.532e+04	4.286e+04	-1.010e+06
						422.5	3188.04	3.431e+04	-479.75	3.976e+04	-5.848e+04	3.386e+06
174	134	2.519e+06	1.665e+05	0.02	-1.00	0.0	1995.41	-1.359e+04	-591.98	-2237.74	1.665e+05	3.177e+04
		-9.906e+05	-8.357e+04	2.35e-04		211.2	1995.41	5681.95	-591.98	-1.550e+04	4.149e+04	-8.206e+05
						422.5	1995.41	2.615e+04	-591.98	-2.897e+04	-8.357e+04	2.519e+06
174	135	2.632e+06	5.434e+04	0.02	-0.98	0.0	2795.20	-1.294e+04	-142.25	9.508e+04	5.434e+04	3.519e+04
		-9.084e+05	-5761.18	-4.53e-04		211.2	2795.20	5936.52	-142.25	8.295e+04	2.429e+04	-7.225e+05
						422.5	2795.20	2.605e+04	-142.25	7.192e+04	-5761.18	2.632e+06
174	136	2.537e+06	1.380e+05	0.02	-1.00	0.0	2125.96	-1.378e+04	-515.67	7083.52	1.380e+05	4.560e+04
		-9.937e+05	-7.983e+04	2.05e-04		211.2	2125.96	5699.63	-515.67	-6661.37	2.911e+04	-8.240e+05
						422.5	2125.96	2.634e+04	-515.67	-2.049e+04	-7.983e+04	2.537e+06
174	142	2.523e+06	1.804e+05	0.02	-1.00	0.0	2017.84	-1.363e+04	-621.64	5917.43	1.804e+05	3.491e+04
		-9.902e+05	-8.225e+04	7.54e-04		211.2	2017.84	5689.09	-621.64	-7335.19	4.907e+04	-8.200e+05
						422.5	2017.84	2.618e+04	-621.64	-2.069e+04	-8.225e+04	2.523e+06
174	166	2.532e+06	1.538e+05	0.02	-1.00	0.0	2085.96	-1.352e+04	-541.06	8780.40	1.538e+05	3.216e+04
		-9.813e+05	-7.476e+04	1.57e-04		211.2	2085.96	5710.78	-541.06	-4354.68	3.954e+04	-8.095e+05
						422.5	2085.96	2.614e+04	-541.06	-1.755e+04	-7.476e+04	2.532e+06
174	167	2.620e+06	6.704e+04	0.02	-0.98	0.0	2704.65	-1.301e+04	-193.17	8.406e+04	6.704e+04	3.480e+04
		-9.177e+05	-1.457e+04	-3.75e-04		211.2	2704.65	5907.70	-193.17	7.180e+04	2.624e+04	-7.336e+05
						422.5	2704.65	2.606e+04	-193.17	6.050e+04	-1.457e+04	2.620e+06
174	168	2.546e+06	1.318e+05	0.02	-1.00	0.0	2186.95	-1.366e+04	-482.03	1.599e+04	1.318e+05	4.285e+04
		-9.837e+05	-7.186e+04	1.34e-04		211.2	2186.95	5724.45	-482.03	2483.44	2.996e+04	-8.121e+05
						422.5	2186.95	2.629e+04	-482.03	-1.099e+04	-7.186e+04	2.546e+06
174	174	2.535e+06	1.645e+05	0.02	-1.00	0.0	2103.31	-1.355e+04	-564.00	1.509e+04	1.645e+05	3.459e+04
		-9.810e+05	-7.374e+04	5.58e-04		211.2	2103.31	5716.30	-564.00	1962.19	4.540e+04	-8.090e+05
						422.5	2103.31	2.616e+04	-564.00	-1.114e+04	-7.374e+04	2.535e+06
189	1	6.311e+05	2.380e+04	0.03	-1.56	0.0	-1587.24	-2.718e+04	442.98	-7.487e+05	-1.067e+05	6.311e+05
		-1.631e+06	-1.067e+05	-2.87e-03		147.3	-1587.24	-3295.87	442.98	-7.411e+05	-4.145e+04	-1.597e+06
						294.6	-1587.24	1.940e+04	442.98	-7.382e+05	2.380e+04	-3.985e+05
189	3	6.257e+05	2.731e+04	0.02	-1.60	0.0	-1563.93	-2.756e+04	454.86	-8.083e+05	-1.067e+05	6.257e+05
		-1.605e+06	-1.067e+05	-3.20e-03		147.3	-1563.93	-2635.26	454.86	-8.009e+05	-3.969e+04	-1.585e+06
						294.6	-1563.93	2.134e+04	454.86	-7.986e+05	2.731e+04	-1.975e+05
189	8	4.810e+05	2.176e+04	0.02	-1.22	0.0	-1209.68	-2.110e+04	353.88	-6.079e+05	-8.249e+04	4.810e+05
		-1.239e+06	-8.249e+04	-2.41e-03		147.3	-1209.68	-2153.86	353.88	-6.021e+05	-3.037e+04	-1.221e+06
						294.6	-1209.68	1.602e+04	353.88	-6.003e+05	2.176e+04	-1.917e+05
189	9	6.355e+05	1.991e+04	0.03	-1.57	0.0	-1576.76	-2.731e+04	425.03	-7.643e+05	-1.053e+05	6.355e+05
		-1.629e+06	-1.053e+05	-2.85e-03		147.3	-1576.76	-3221.67	425.03	-7.566e+05	-4.269e+04	-1.597e+06
						294.6	-1576.76	1.969e+04	425.03	-7.538e+05	1.991e+04	-3.714e+05
189	113	3.462e+05	-5.096e+04	0.03	-1.23	0.0	-870.28	-2.045e+04	-197.81	-6.359e+05	-5.096e+04	3.462e+05
		-1.262e+06	-1.092e+05	-9.51e-04		147.3	-870.28	-1506.84	-197.81	-6.287e+05	-8.010e+04	-1.255e+06
						294.6	-870.28	1.628e+04	-197.81	-6.257e+05	-1.092e+05	-1.548e+05
189	116	6.215e+05	1.489e+05	0.02	-1.16	0.0	-1577.33	-2.130e+04	892.95	-5.091e+05	-1.142e+05	6.215e+05
		-1.253e+06	-1.142e+05	-3.49e-03		147.3	-1577.33	-3574.51	892.95	-5.044e+05	1.737e+04	-1.201e+06
						294.6	-1577.33	1.348e+04	892.95	-5.030e+05	1.489e+05	-4.646e+05
189	124	5.880e+05	1.299e+05	0.02	-1.17	0.0	-1520.68	-2.130e+04	835.47	-5.293e+05	-1.162e+05	5.880e+05
		-1.269e+06	-1.162e+05	-3.16e-03		147.3	-1520.68	-3432.77	835.47	-5.243e+05	6828.33	-1.223e+06
						294.6	-1520.68	1.369e+04	835.47	-5.227e+05	1.299e+05	-4.597e+05
189	130	4.548e+05	5.367e+04	0.02	-1.18	0.0	-1229.10	-2.095e+04	516.92	-5.751e+05	-9.861e+04	4.548e+05
		-1.320e+06	-9.861e+04	-2.41e-03		147.3	-1229.10	-2877.75	516.92	-5.697e+05	-2.247e+04	-1.287e+06
						294.6	-1229.10	1.424e+04	516.92	-5.680e+05	5.367e+04	-4.400e+05
189	145	3.774e+05	-5.812e+04	0.03	-1.22	0.0	-950.33	-2.055e+04	-74.32	-6.215e+05	-5.812e+04	3.774e+05
		-1.260e+06	-8.001e+04	-1.24e-03		147.3	-950.33	-1740.94	-74.32	-6.147e+05	-6.906e+04	-1.249e+06
						294.6	-950.33	1.596e+04	-74.32	-6.118e+05	-8.001e+04	-1.898e+05
189	148	5.903e+05	1.197e+05	0.02	-1.16	0.0	-1497.28	-2.121e+04	769.46	-5.234e+05	-1.070e+05	5.903e+05
		-1.250e+06	-1.070e+05	-3.20e-03		147.3	-1497.28	-3340.41	769.46	-5.185e+05	6335.58	-1.207e+06
						294.6	-1497.28	1.380e+04	769.46	-5.169e+05	1.197e+05	-4.295e+05
189	156	5.644e+05	1.050e+05	0.02	-1.17	0.0	-1453.46	-2.120e+04	724.99	-5.391e+05	-1.086e+05	5.644e+05
		-1.263e+06	-1.086e+05	-2.95e-03		147.3	-1453.46	-3230.76	724.99	-5.339e+05	-1819.79	-1.224e+06
						294.6	-1453.46	1.396e+04	724.99	-5.321e+05	1.050e+05	-4.257e+05
189	162	4.614e+05	4.601e+04	0.02	-1.19	0.0	-1227.90	-2.093e+04	478.57	-5.745e+05	-9.498e+04	4.614e+05
		-1.305e+06	-9.498e+04	-2.36e-03		147.3	-1227.90	-2801.42	478.57	-5.690e+05	-2.448e+04	-1.274e+06
						294.6	-1227.90	1.439e+04	478.57	-5.672e+05	4.601e+04	-4.105e+05
190	1	2.177e+06	7.572e+04	0.03	-1.50	0.0	6387.02	-2.331e+04	-492.00	-8701.31	7.572e+04	2.177e+06
		-4.094e+05	-1.204e+05	1.43e-03		199.3	6387.02	-2218.61	-492.00	-2692.40	-2.232e+04	-3.881e+05
						398.5	6387.02	2.020e+04	-492.00	3287.32	-1.204e+05	1.381e+06
190	3	2.257e+06	7.337e+04	0.04	-1.54	0.0	6840.46	-2.415e+04	-518.45	-1.380e+04	7.337e+04	2.257e+06
		-4.303e+05	-1.333e+05	1.43e-03		199.3	6840.46	-2354.41	-518.45	-8806.01	-2.995e+04	-4.067e+05
						398.5	6840.46	2.085e+04	-518.45	-3910.91	-1.333e+05	1.412e+06
190	4	2.263e+06	7.314e+04	0.04	-1.54	0.0	6847.30	-2.423e+04	-517.32	-1.310e+04	7.314e+04	2.263e+06
		-4.327e+05	-1.330e+05	1.42e-03		199.3	6847.30	-2358.79	-517.32	-8170.91	-2.994e+04	-4.092e+05

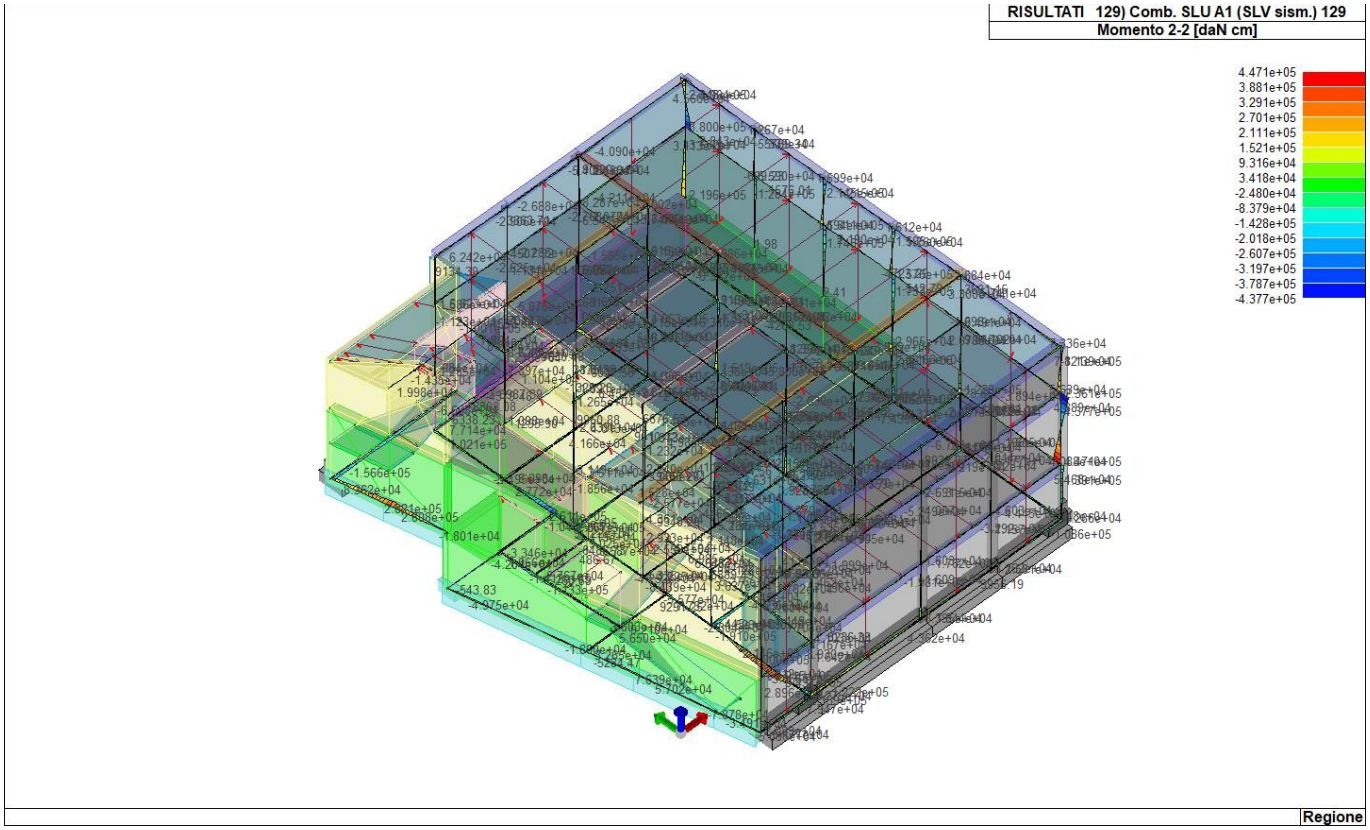
						398.5	6847.30	2.092e+04	-517.32	-3326.68	-1.330e+05	1.416e+06
190	5	1.635e+06	5.951e+04	0.02	-1.13	0.0	4728.71	-1.749e+04	-370.16	-5738.32	5.951e+04	1.635e+06
		-3.031e+05	-8.802e+04	1.11e-03		199.3	4728.71	-1646.17	-370.16	-627.37	-1.426e+04	-2.875e+05
						398.5	4728.71	1.517e+04	-370.16	4476.77	-8.802e+04	1.043e+06
190	117	1.684e+06	5.878e+04	0.03	-1.19	0.0	4759.66	-1.849e+04	-331.48	1.392e+04	5.878e+04	1.684e+06
		-3.700e+05	-7.332e+04	1.80e-03		199.3	4759.66	-1779.53	-331.48	2.026e+04	-7269.50	-3.525e+05
						398.5	4759.66	1.602e+04	-331.48	2.683e+04	-7.332e+04	1.048e+06
190	118	1.693e+06	5.710e+04	0.03	-1.18	0.0	4525.31	-1.834e+04	-330.36	1.193e+04	5.710e+04	1.693e+06
		-3.471e+05	-7.457e+04	1.75e-03		199.3	4525.31	-1785.84	-330.36	1.807e+04	-8735.41	-3.292e+05
						398.5	4525.31	1.581e+04	-330.36	2.441e+04	-7.457e+04	1.050e+06
190	124	1.664e+06	6.050e+04	0.02	-1.13	0.0	5036.41	-1.745e+04	-441.40	-1.858e+04	6.050e+04	1.664e+06
		-2.711e+05	-1.154e+05	1.03e-03		199.3	5036.41	-1647.24	-441.40	-1.526e+04	-2.746e+04	-2.555e+05
						398.5	5036.41	1.513e+04	-441.40	-1.211e+04	-1.154e+05	1.071e+06
190	138	1.693e+06	5.540e+04	0.02	-1.14	0.0	4448.69	-1.782e+04	-363.52	-4550.45	5.540e+04	1.693e+06
		-2.892e+05	-8.948e+04	1.21e-03		199.3	4448.69	-1740.57	-363.52	228.68	-1.704e+04	-2.716e+05
						398.5	4448.69	1.528e+04	-363.52	5010.28	-8.948e+04	1.061e+06
190	139	1.654e+06	6.125e+04	0.03	-1.17	0.0	5398.54	-1.799e+04	-396.76	-1.004e+04	6.125e+04	1.654e+06
		-3.387e+05	-9.688e+04	9.98e-04		199.3	5398.54	-1674.43	-396.76	-5560.88	-1.781e+04	-3.233e+05
						398.5	5398.54	1.574e+04	-396.76	-1138.19	-9.688e+04	1.060e+06
190	143	1.655e+06	6.168e+04	0.03	-1.17	0.0	5380.70	-1.803e+04	-398.15	-7295.25	6.168e+04	1.655e+06
		-3.420e+05	-9.700e+04	1.16e-03		199.3	5380.70	-1679.63	-398.15	-2698.10	-1.766e+04	-3.265e+05
						398.5	5380.70	1.578e+04	-398.15	1869.80	-9.700e+04	1.059e+06
190	149	1.682e+06	5.868e+04	0.03	-1.18	0.0	4796.78	-1.835e+04	-342.50	9114.24	5.868e+04	1.682e+06
		-3.573e+05	-7.782e+04	1.64e-03		199.3	4796.78	-1763.22	-342.50	1.507e+04	-9569.79	-3.401e+05
						398.5	4796.78	1.591e+04	-342.50	2.119e+04	-7.782e+04	1.051e+06
190	150	1.689e+06	5.737e+04	0.03	-1.17	0.0	4615.50	-1.824e+04	-341.64	7573.69	5.737e+04	1.689e+06
		-3.396e+05	-7.878e+04	1.60e-03		199.3	4615.50	-1768.10	-341.64	1.338e+04	-1.070e+04	-3.220e+05
						398.5	4615.50	1.574e+04	-341.64	1.932e+04	-7.878e+04	1.052e+06
190	156	1.666e+06	6.001e+04	0.03	-1.13	0.0	5010.87	-1.755e+04	-427.53	-1.602e+04	6.001e+04	1.666e+06
		-2.808e+05	-1.104e+05	1.05e-03		199.3	5010.87	-1660.89	-427.53	-1.241e+04	-2.519e+04	-2.650e+05
						398.5	5010.87	1.521e+04	-427.53	-8926.99	-1.104e+05	1.069e+06
190	170	1.689e+06	5.606e+04	0.02	-1.14	0.0	4556.23	-1.784e+04	-367.28	-5172.41	5.606e+04	1.689e+06
		-2.948e+05	-9.032e+04	1.19e-03		199.3	4556.23	-1733.08	-367.28	-426.81	-1.713e+04	-2.775e+05
						398.5	4556.23	1.533e+04	-367.28	4314.16	-9.032e+04	1.061e+06
190	171	1.659e+06	6.059e+04	0.03	-1.16	0.0	5291.00	-1.797e+04	-393.00	-9421.91	6.059e+04	1.659e+06
		-3.331e+05	-9.604e+04	1.02e-03		199.3	5291.00	-1681.92	-393.00	-4905.39	-1.773e+04	-3.175e+05
						398.5	5291.00	1.569e+04	-393.00	-442.07	-9.604e+04	1.060e+06
190	175	1.659e+06	6.092e+04	0.03	-1.17	0.0	5277.19	-1.800e+04	-394.08	-7295.68	6.092e+04	1.659e+06
		-3.356e+05	-9.613e+04	1.15e-03		199.3	5277.19	-1685.94	-394.08	-2690.85	-1.761e+04	-3.199e+05
						398.5	5277.19	1.572e+04	-394.08	1884.80	-9.613e+04	1.059e+06
191	3	1.398e+06	-6.860e+04	0.01	-1.60	0.0	59.13	-1.486e+04	-169.79	2.008e+05	-6.860e+04	1.398e+06
		4.896e+05	-1.033e+05	-1.08e-03		102.2	59.13	-2430.42	-169.79	2.035e+05	-8.596e+04	5.115e+05
						204.4	59.13	1.027e+04	-169.79	2.069e+05	-1.033e+05	9.101e+05
191	4	1.402e+06	-6.848e+04	0.01	-1.61	0.0	65.78	-1.488e+04	-167.02	2.013e+05	-6.848e+04	1.402e+06
		4.942e+05	-1.026e+05	-1.08e-03		102.2	65.78	-2410.75	-167.02	2.041e+05	-8.555e+04	5.154e+05
						204.4	65.78	1.034e+04	-167.02	2.075e+05	-1.026e+05	9.184e+05
191	5	1.034e+06	-4.545e+04	9.20e-03	-1.18	0.0	2.04	-1.103e+04	-168.25	1.690e+05	-4.545e+04	1.034e+06
		3.409e+05	-7.984e+04	-5.90e-04		102.2	2.04	-2042.02	-168.25	1.718e+05	-6.264e+04	3.640e+05
						204.4	2.04	7135.55	-168.25	1.752e+05	-7.984e+04	6.229e+05
191	12	1.042e+06	-4.520e+04	9.42e-03	-1.19	0.0	15.34	-1.108e+04	-162.71	1.702e+05	-4.520e+04	1.042e+06
		3.502e+05	-7.847e+04	-5.86e-04		102.2	15.34	-2002.69	-162.71	1.730e+05	-6.184e+04	3.720e+05
						204.4	15.34	7267.82	-162.71	1.763e+05	-7.847e+04	6.396e+05
191	113	1.037e+06	-2.932e+04	0.01	-1.24	0.0	449.18	-1.124e+04	-115.10	1.173e+05	-2.932e+04	1.037e+06
		3.593e+05	-5.285e+04	1.58e-04		102.2	449.18	-1702.96	-115.10	1.209e+05	-4.108e+04	3.734e+05
						204.4	449.18	8055.86	-115.10	1.248e+05	-5.285e+04	6.963e+05
191	115	1.060e+06	-6.182e+04	9.10e-03	-1.17	0.0	-321.01	-1.118e+04	-150.46	2.070e+05	-6.182e+04	1.060e+06
		3.478e+05	-9.258e+04	-1.32e-03		102.2	-321.01	-2190.60	-150.46	2.087e+05	-7.720e+04	3.747e+05
						204.4	-321.01	6983.68	-150.46	2.110e+05	-9.258e+04	6.182e+05
191	116	1.064e+06	-6.678e+04	8.41e-03	-1.16	0.0	-409.31	-1.113e+04	-192.45	2.105e+05	-6.678e+04	1.064e+06
		3.499e+05	-1.061e+05	-1.47e-03		102.2	-409.31	-2243.62	-192.45	2.121e+05	-8.645e+04	3.786e+05
						204.4	-409.31	6812.57	-192.45	2.143e+05	-1.061e+05	6.108e+05
191	121	1.039e+06	-2.905e+04	0.01	-1.23	0.0	378.65	-1.124e+04	-101.92	1.264e+05	-2.905e+04	1.039e+06
		3.566e+05	-4.989e+04	-1.77e-04		102.2	378.65	-1779.09	-101.92	1.297e+05	-3.947e+04	3.717e+05
						204.4	378.65	7898.52	-101.92	1.334e+05	-4.989e+04	6.828e+05
191	124	1.061e+06	-6.704e+04	8.79e-03	-1.17	0.0	-338.79	-1.113e+04	-205.63	2.014e+05	-6.704e+04	1.061e+06
		3.538e+05	-1.091e+05	-1.18e-03		102.2	-338.79	-2167.49	-205.63	2.033e+05	-8.806e+04	3.803e+05
						204.4	-338.79	6969.91	-205.63	2.057e+05	-1.091e+05	6.243e+05
191	145	1.040e+06	-3.356e+04	0.01	-1.23	0.0	351.98	-1.123e+04	-123.86	1.279e+05	-3.356e+04	1.040e+06
		3.591e+05	-5.888e+04	6.96e-05		102.2	351.98	-1764.18	-123.86	1.312e+05	-4.622e+04	3.740e+05
						204.4	351.98	7915.10	-123.86	1.350e+05	-5.888e+04	6.866e+05
191	147	1.058e+06	-5.870e+04	9.23e-03	-1.18	0.0	-243.81	-1.118e+04	-151.21	1.972e+05	-5.870e+04	1.058e+06
		3.495e+05	-8.961e+04	-1.18e-03		102.2	-243.81	-2141.39	-151.21	1.991e+05	-7.416e+04	3.750e+05
						204.4	-243.81	7085.70	-151.21	2.016e+05	-8.961e+04	6.262e+05
191	148	1.061e+06	-6.254e+04	8.70e-03	-1.17	0.0	-312.12	-1.114e+04	-183.69	1.999e+05	-6.254e+04	1.061e+06
		3.512e+05	-1.001e+05	-1.29e-03		102.2	-312.12	-2182.40	-183.69	2.018e+05	-8.131e+04	3.780e+05
						204.4	-312.12	6953.33	-183.69	2.042e+05	-1.001e+05	6.204e+05
191	153	1.042e+06	-3.335e+04	0.01	-1.22	0.0	297.43	-1.123e+04	-113.66	1.349e+05	-3.335e+04	1.042e+06

		3.565e+05	-5.659e+04	-2.90e-04		102.2	297.43	-1823.07	-113.66	1.380e+05	-4.497e+04	3.727e+05
						204.4	297.43	7793.39	-113.66	1.416e+05	-5.659e+04	6.761e+05
191	156	1.059e+06	-6.274e+04	8.99e-03	-1.17	0.0	-257.56	-1.114e+04	-193.89	1.929e+05	-6.274e+04	1.059e+06
		3.542e+05	-1.024e+05	-1.06e-03		102.2	-257.56	-2123.52	-193.89	1.949e+05	-8.256e+04	3.793e+05
						204.4	-257.56	7075.04	-193.89	1.975e+05	-1.024e+05	6.309e+05

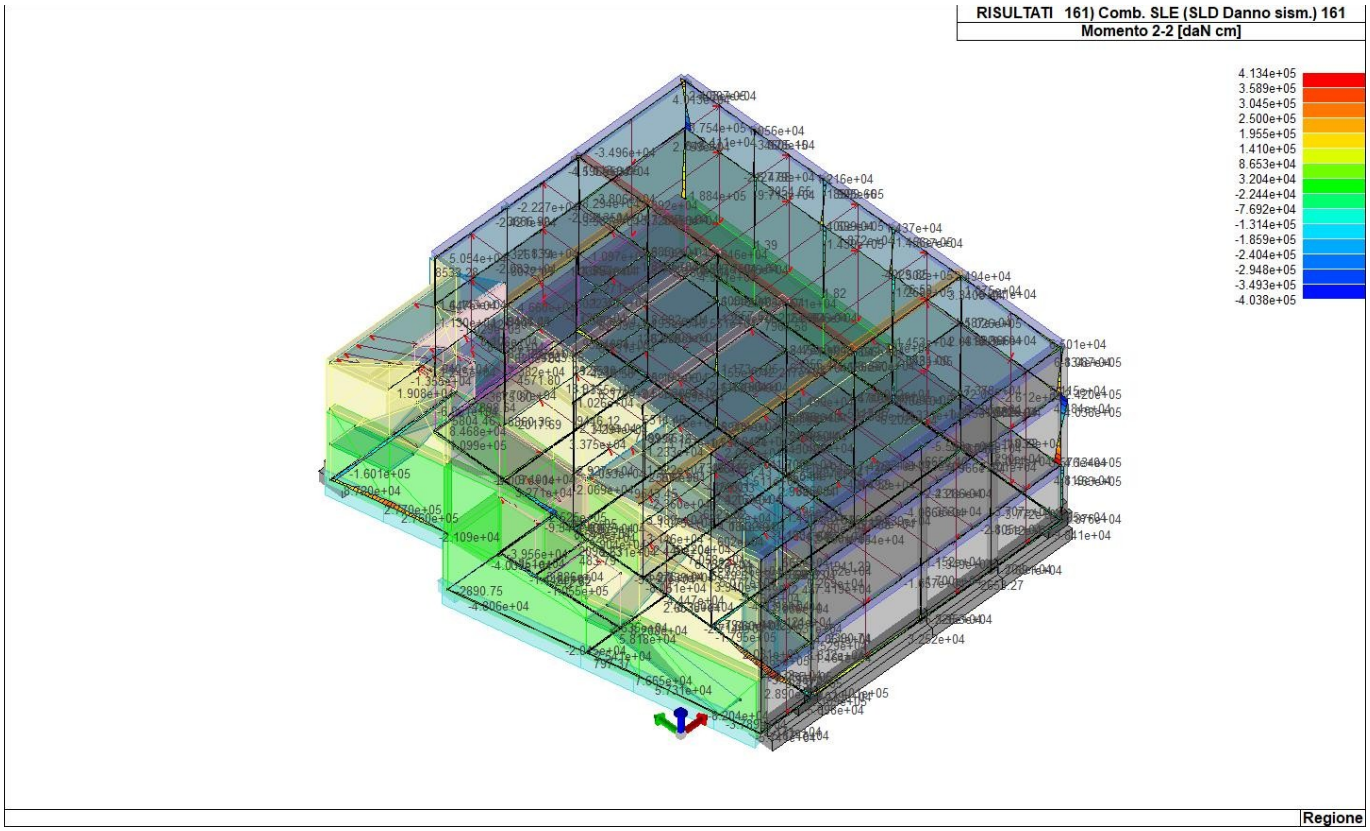
Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-6.790e+06	-2.911e+05	-0.06	-2.48	-1.239e+04	-5.045e+04	-2691.87	-2.508e+06
	5.935e+06	5.026e+05	0.38	-0.84	1.395e+04	5.787e+04	3823.16	2.435e+06



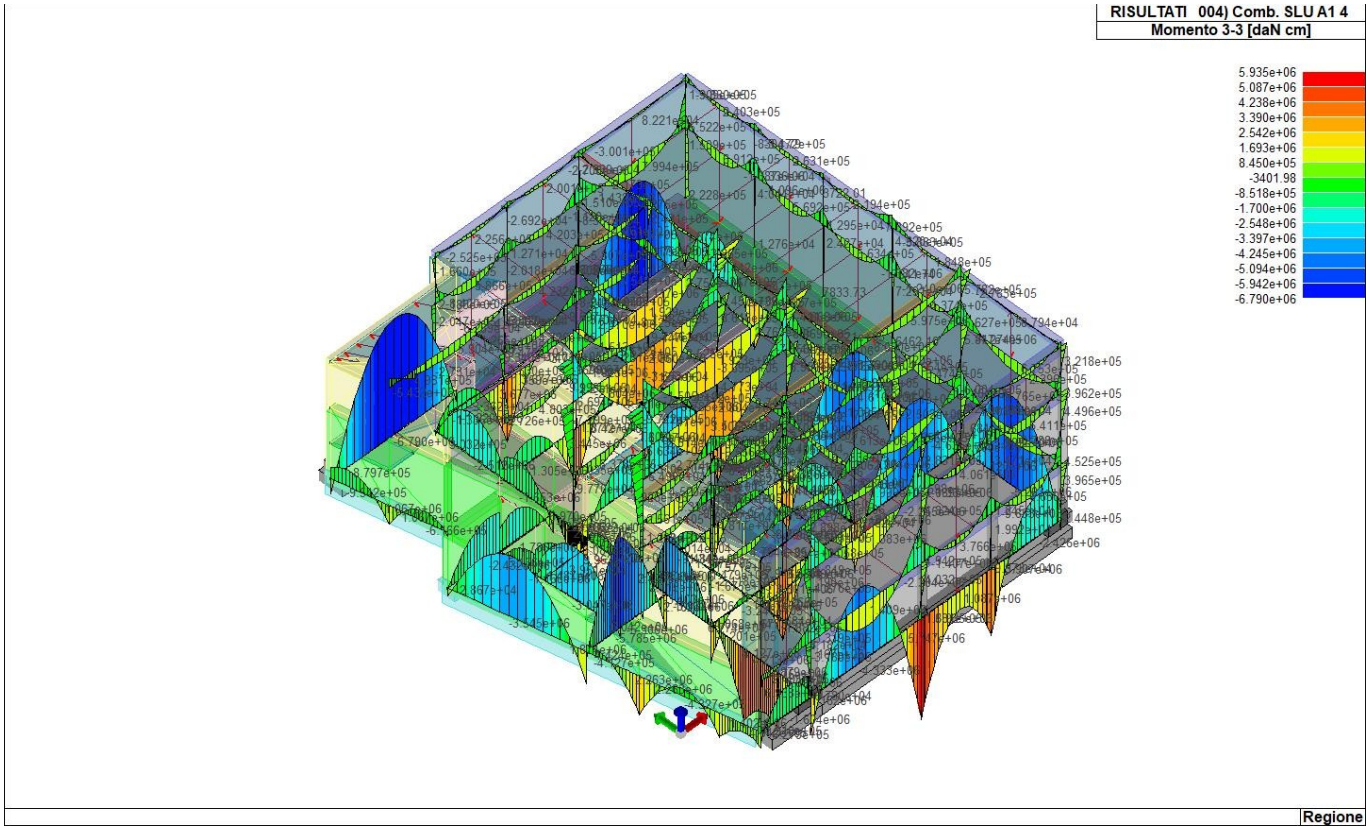
43_RIS_M2_004_Comb SLU A1 4



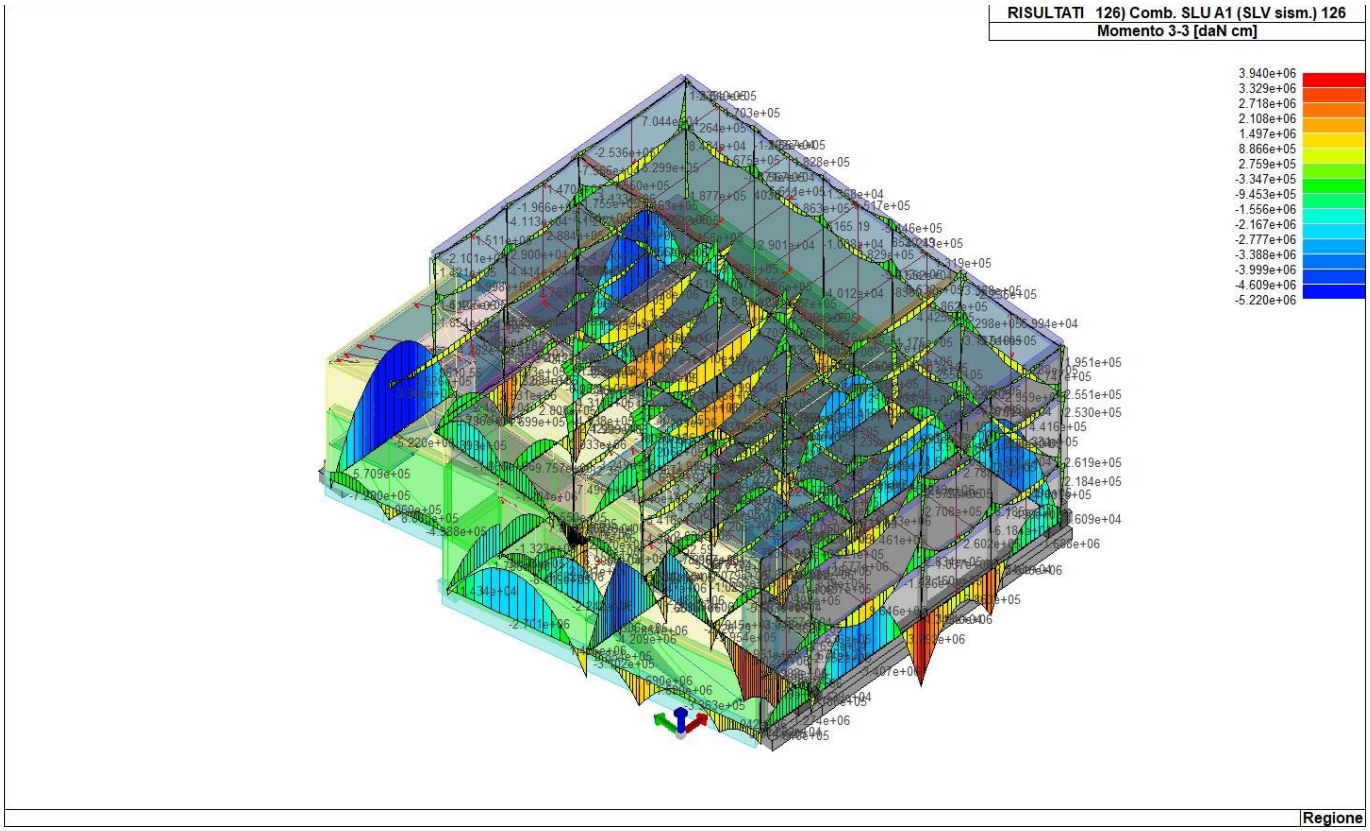
43_RIS_M2_129_Comb SLU A1 SLV sism 129



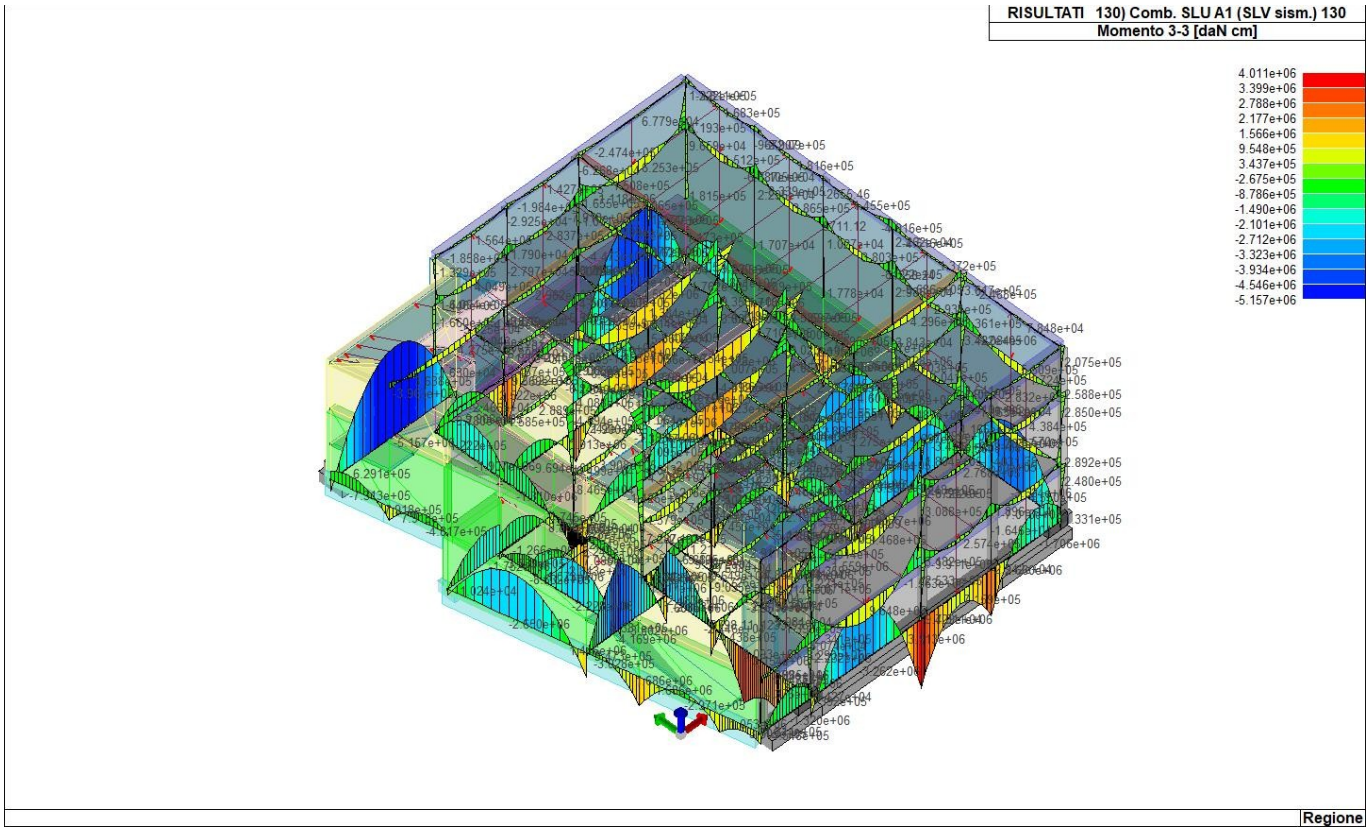
43_RIS_M2_161_Comb SLE SLD Danno sism 161



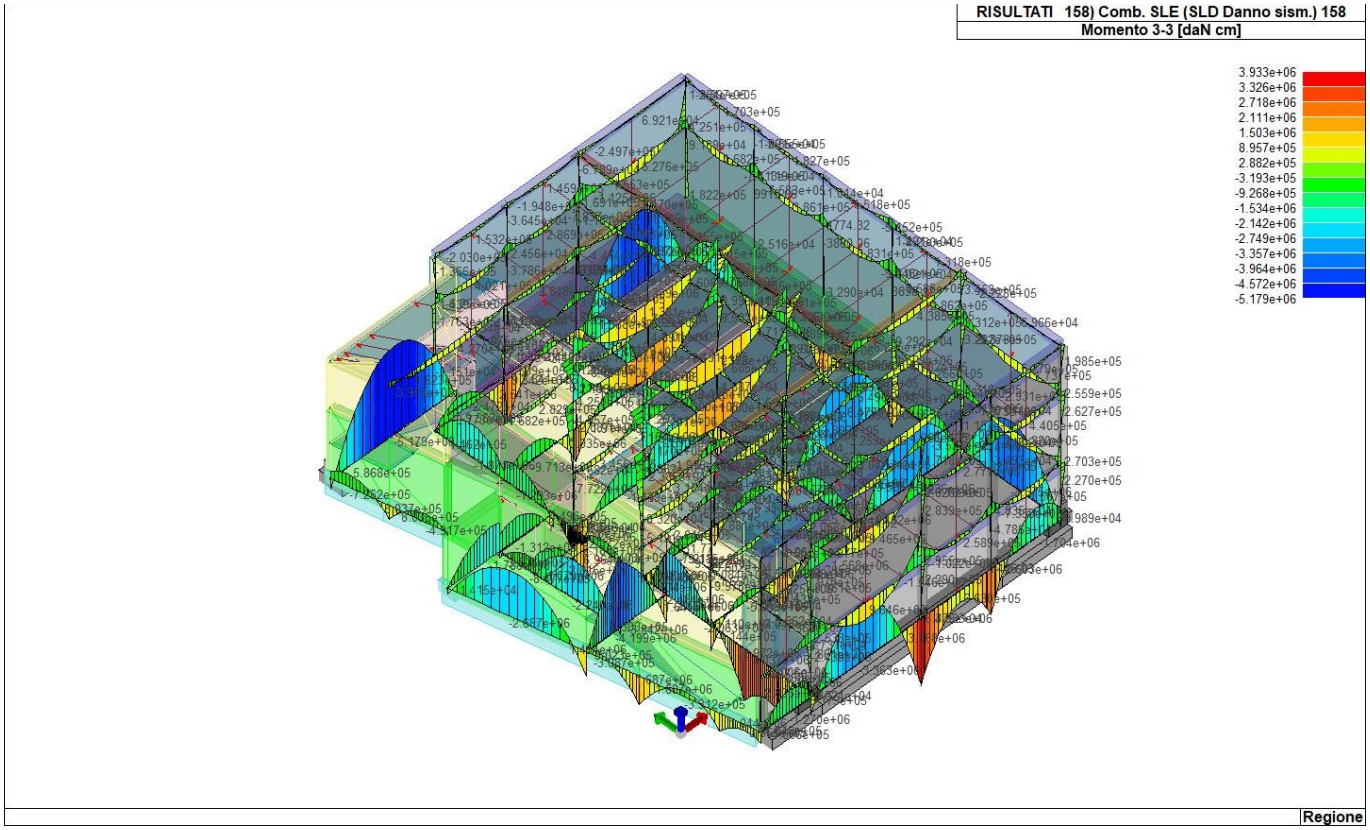
43_RIS_M3_004_Comb SLU A1 4



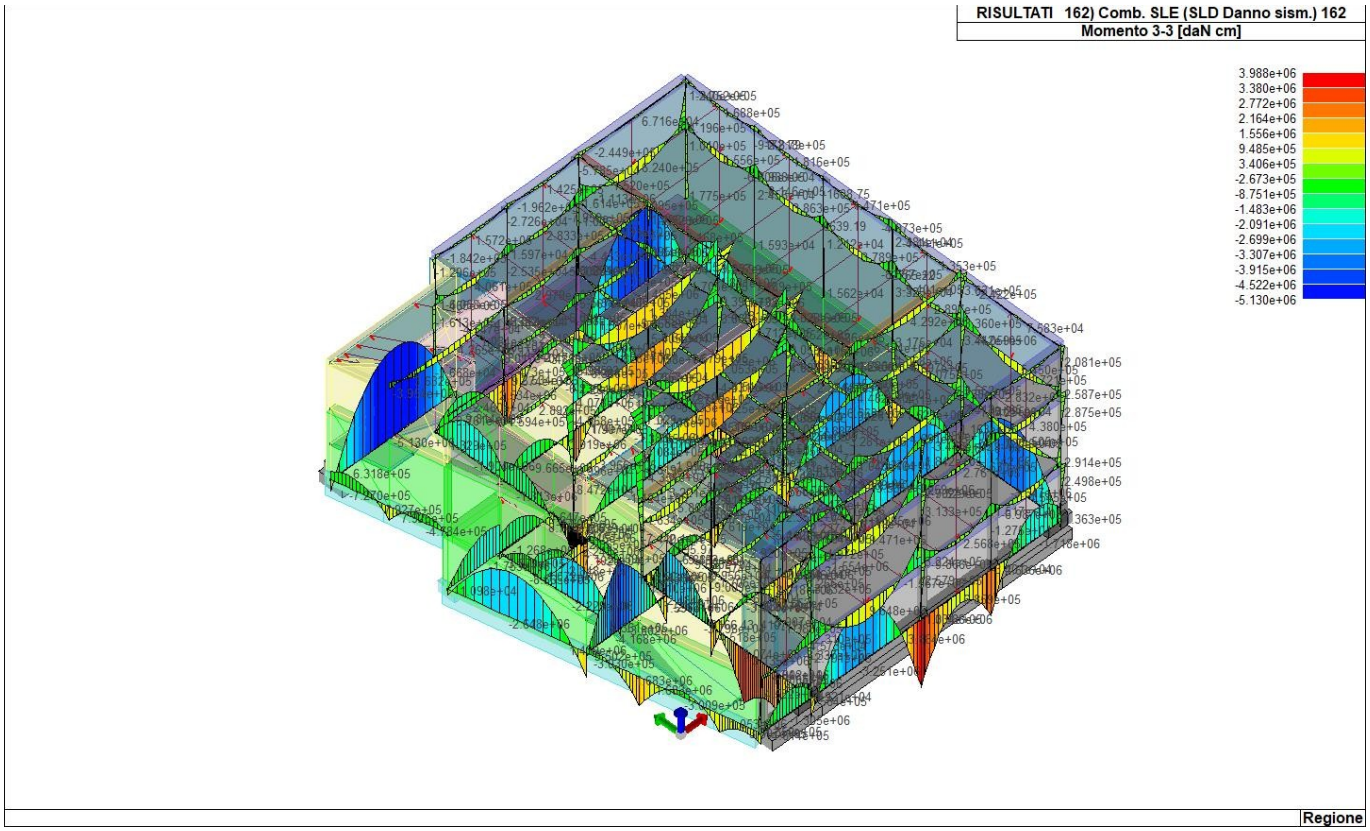
43_RIS_M3_126_Comb SLU A1 SLV sism 126



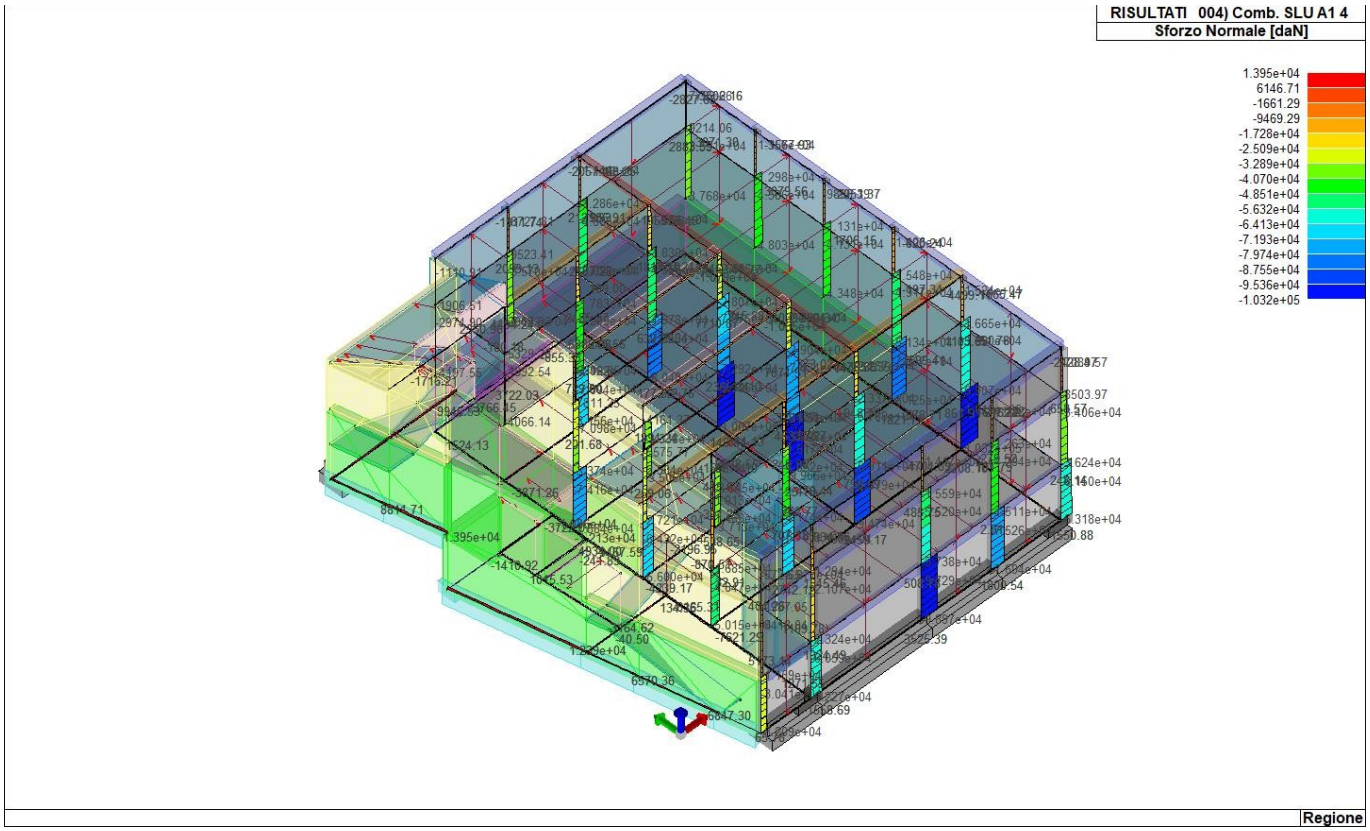
43_RIS_M3_130_Comb SLU A1 SLV sism 130



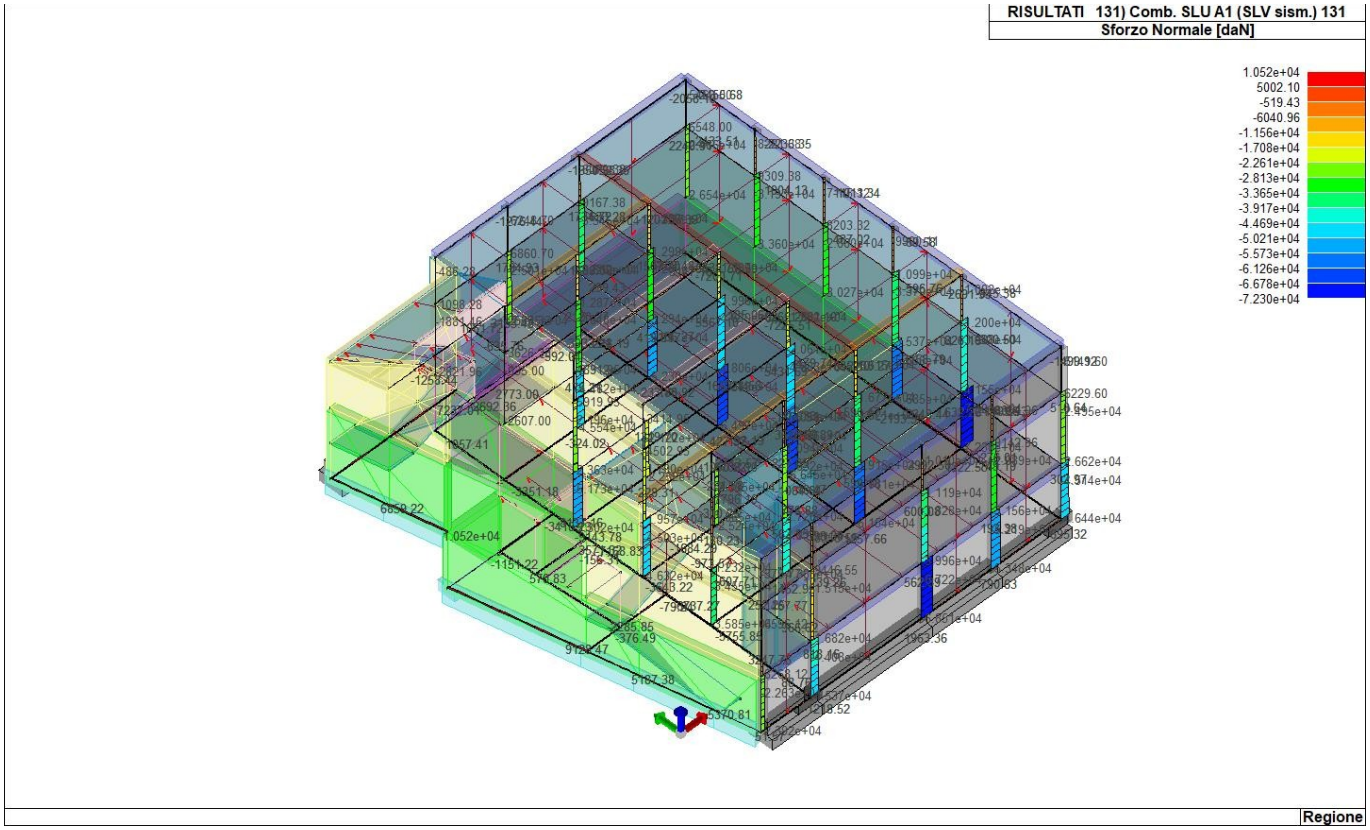
43_RIS_M3_158_Comb SLE SLD Danno sism 158



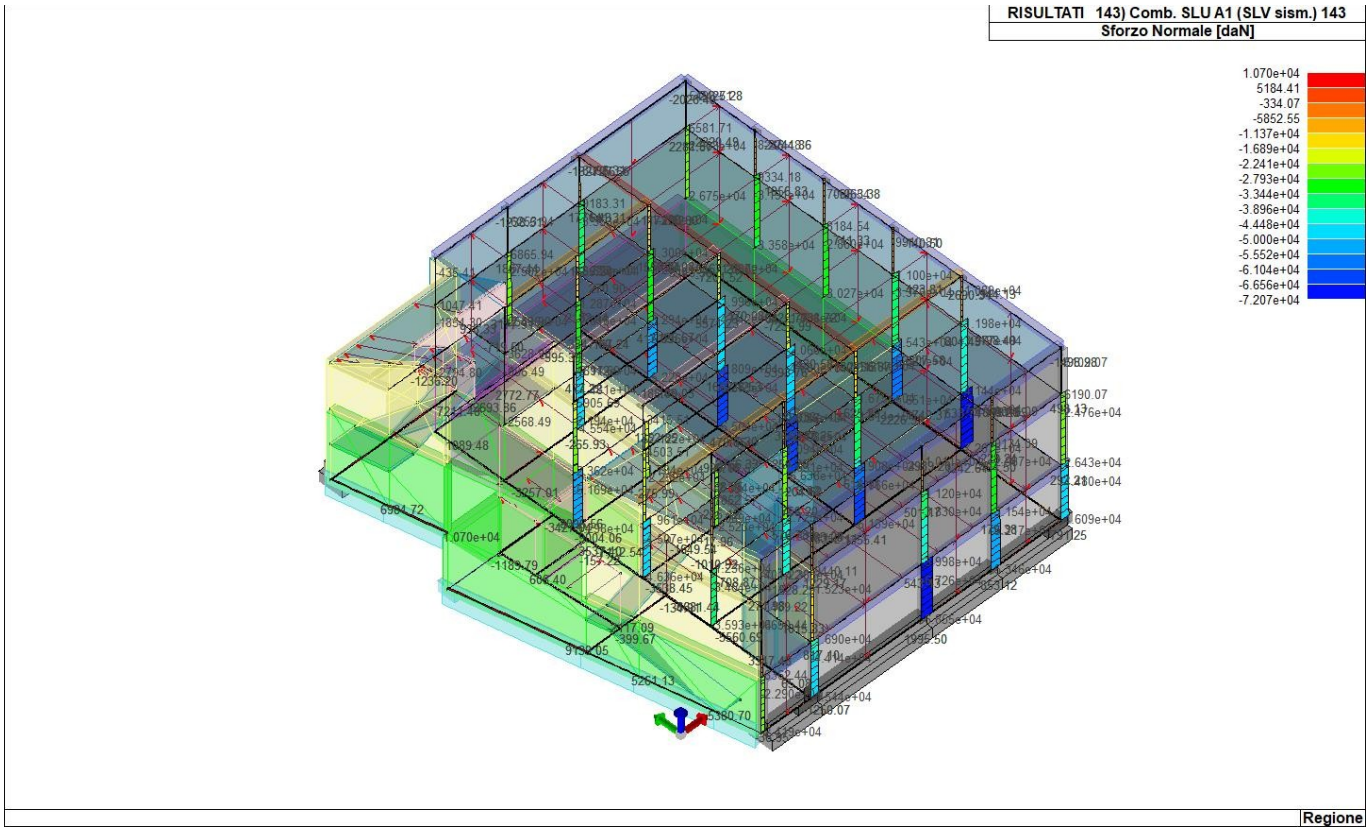
43_RIS_M3_162_Comb SLE SLD Danno sism 162



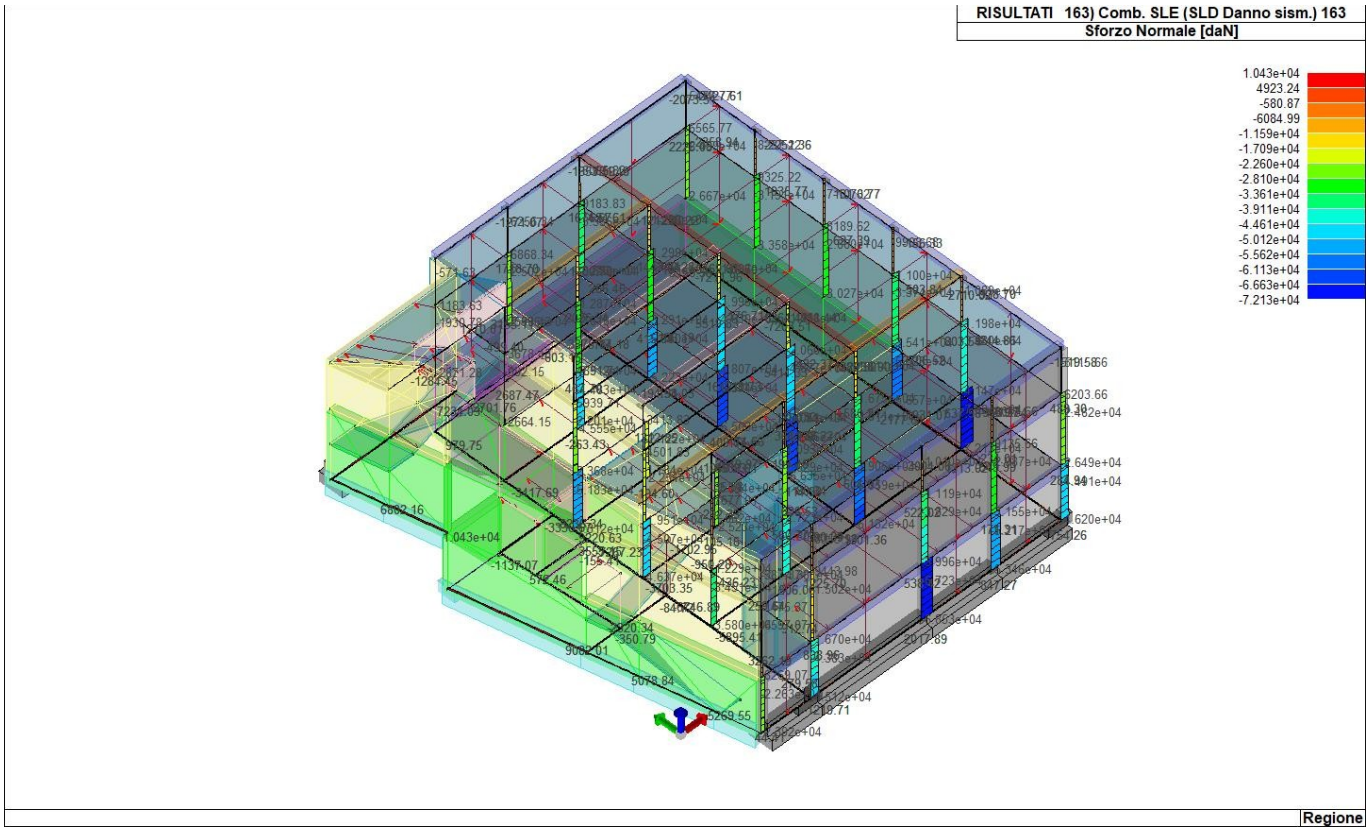
43_RIS_N_004_Comb SLU A1 4



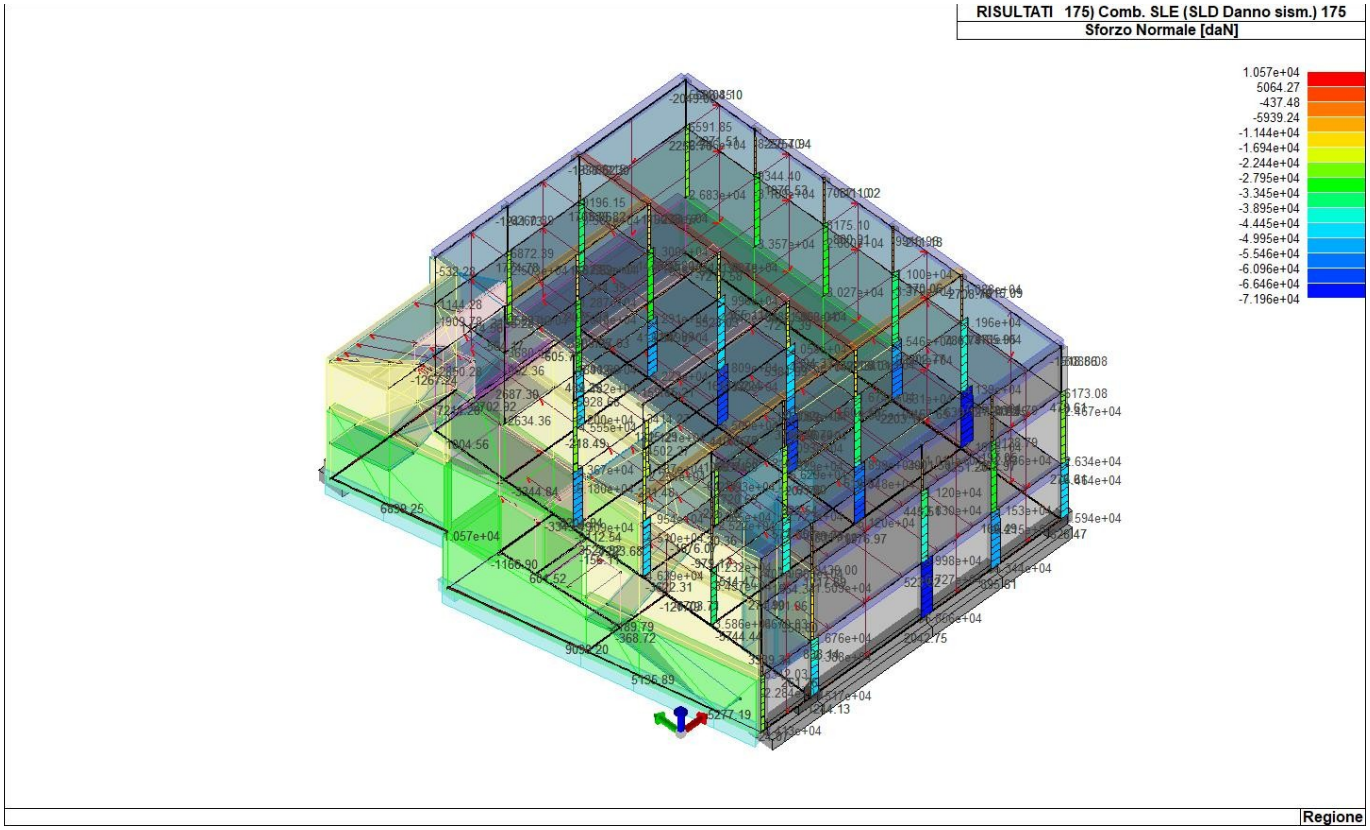
43_RIS_N_131_Comb SLU A1 SLV sism 131



43_RIS_N_143_Comb SLU A1 SLV sism 143



43_RIS_N_163_Comb SLE SLD Danno sism 163

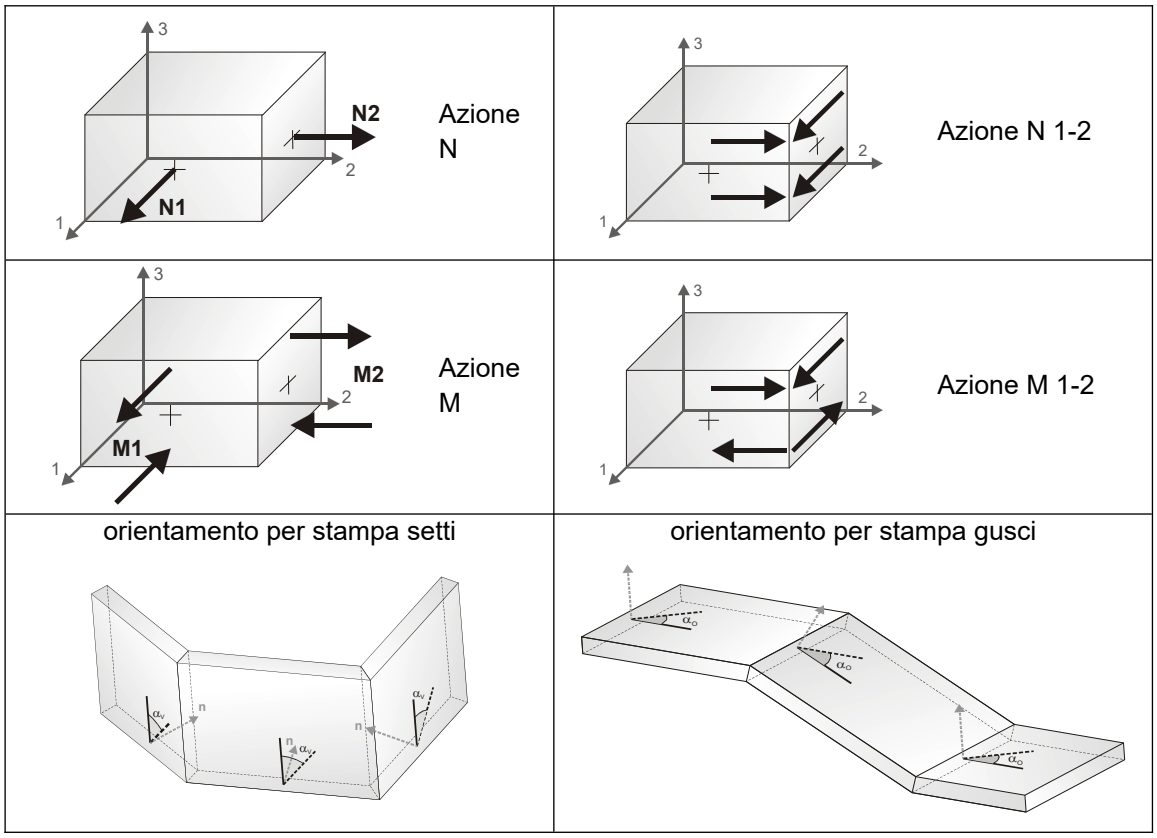


43_RIS_N_175_Comb SLE SLD Danno sism 175

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-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	4	-323.00	-3.698e+04	996.84	-90.34	-2.250e+06	-1.297e+04	6.370e+04
3	4	0.0	-5.527e+04	4356.93	-90.34	3.039e+06	1.155e+05	-9533.17
3	5	-323.00	-2.295e+04	191.98	-53.24	-1.235e+06	-1.458e+04	4.196e+04
3	5	0.0	-3.368e+04	2555.69	-53.24	1.879e+06	7.326e+04	-1888.07
3	116	-323.00	-2.486e+04	3047.27	-29.60	-1.274e+06	-3.518e+04	4.323e+04
3	116	0.0	-3.780e+04	1.017e+04	-29.60	2.949e+06	9.023e+04	2734.98
3	136	-323.00	-2.481e+04	1339.21	1.00	-1.263e+06	-8.351e+04	4.355e+04
3	136	0.0	-3.721e+04	5466.07	1.00	2.345e+06	1.070e+05	1.699e+04
3	137	-323.00	-2.505e+04	-595.31	-114.46	-1.532e+06	4.825e+04	4.679e+04
3	137	0.0	-3.657e+04	69.97	-114.46	1.728e+06	5.217e+04	-1.690e+04
3	148	-323.00	-2.488e+04	2448.15	-36.29	-1.306e+06	-3.013e+04	4.352e+04
3	148	0.0	-3.759e+04	8515.51	-36.29	2.744e+06	8.767e+04	1240.41
3	168	-323.00	-2.484e+04	1126.86	-12.62	-1.298e+06	-6.752e+04	4.377e+04
3	168	0.0	-3.714e+04	4872.95	-12.62	2.277e+06	1.006e+05	1.227e+04
3	169	-323.00	-2.503e+04	-369.61	-101.93	-1.505e+06	3.440e+04	4.628e+04
3	169	0.0	-3.664e+04	698.72	-101.93	1.800e+06	5.823e+04	-1.395e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-5.527e+04	-595.31	-114.46	-2.250e+06	-8.351e+04	-1.690e+04
	-2.295e+04	1.017e+04	1.00	3.039e+06	1.155e+05	6.370e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	1	-323.00	64.17	204.67	-126.59	-2.652e+04	-2.012e+04	-138.75
5	1	0.0	-1396.10	539.41	-126.59	6.112e+04	2.745e+04	-3074.39
5	1	418.00	-7647.58	613.88	-78.97	9.317e+04	5116.49	-3703.73
5	1	690.00	-3030.14	39.78	-31.53	1.319e+04	-2460.27	2781.24
5	4	-323.00	37.60	415.95	-130.04	-2.042e+04	-2.145e+04	-259.75
5	4	0.0	-1182.42	750.59	-130.04	5.938e+04	2.928e+04	-3413.58
5	4	418.00	-7898.05	696.42	-82.18	9.992e+04	5341.36	-3427.29
5	4	690.00	-3084.06	80.62	-35.60	1.232e+04	-2708.28	3039.03
5	9	-323.00	69.80	208.10	-126.67	-2.563e+04	-2.031e+04	-152.12
5	9	0.0	-1321.41	541.08	-126.67	6.174e+04	2.778e+04	-3051.46
5	9	418.00	-7716.72	616.94	-79.47	9.341e+04	5143.71	-3659.05
5	9	690.00	-3110.15	47.62	-31.85	1.310e+04	-2577.87	2763.66
5	115	-323.00	-907.44	43.76	-129.16	-2.108e+04	-1.776e+04	251.07
5	115	0.0	-3316.53	358.68	-129.16	4.059e+04	2.139e+04	-2128.33
5	115	418.00	-6085.11	535.99	-64.23	7.485e+04	5867.05	-3118.15
5	115	690.00	-2267.77	49.30	-43.64	1.038e+04	-767.95	2055.39
5	117	-323.00	1038.40	298.97	-65.05	-1.285e+04	-1.322e+04	-289.44
5	117	0.0	1289.98	476.73	-65.05	4.314e+04	2.098e+04	-2232.67
5	117	418.00	-5647.74	380.00	-57.75	5.515e+04	1905.17	-2142.34
5	117	690.00	-2338.96	-13.43	-3.24	7965.98	-2988.31	1862.62
5	124	-323.00	-714.44	280.46	-122.23	-2.874e+04	-1.713e+04	-134.02
5	124	0.0	-2949.34	602.72	-122.23	4.912e+04	2.103e+04	-3121.03

5	124	418.00	-6017.42	644.88	-62.29	9.264e+04	5521.08	-3525.60
5	124	690.00	-2274.73	96.38	-41.38	1.237e+04	-987.20	2649.23
5	140	-323.00	-306.10	65.81	-108.30	-3.399e+04	-1.599e+04	-300.38
5	140	0.0	-2058.01	386.05	-108.30	6.360e+04	2.064e+04	-2998.08
5	140	418.00	-5929.16	535.25	-60.51	9.769e+04	4660.51	-3769.84
5	140	690.00	-2292.61	72.45	-32.72	1.379e+04	-1460.46	2819.01
5	145	-323.00	815.05	252.64	-72.41	-1.478e+04	-1.372e+04	-241.48
5	145	0.0	748.55	449.94	-72.41	4.452e+04	2.099e+04	-2243.31
5	145	418.00	-5698.04	394.30	-58.39	5.912e+04	2352.51	-2311.82
5	145	690.00	-2330.78	-5.16	-7.81	8469.71	-2735.29	1922.11
5	147	-323.00	-691.43	70.73	-121.98	-2.096e+04	-1.723e+04	170.30
5	147	0.0	-2813.31	372.76	-121.98	4.198e+04	2.132e+04	-2186.09
5	147	418.00	-6035.33	521.85	-63.42	7.415e+04	5429.12	-3058.76
5	147	690.00	-2275.84	44.69	-39.25	1.033e+04	-1014.60	2077.65
5	156	-323.00	-542.13	253.83	-116.62	-2.688e+04	-1.675e+04	-127.60
5	156	0.0	-2529.27	561.54	-116.62	4.857e+04	2.104e+04	-2954.00
5	156	418.00	-5982.97	606.08	-61.92	8.791e+04	5161.49	-3373.95
5	156	690.00	-2281.22	81.11	-37.51	1.186e+04	-1184.20	2537.02
5	172	-323.00	-226.25	87.78	-105.84	-3.094e+04	-1.587e+04	-256.29
5	172	0.0	-1839.77	393.94	-105.84	5.977e+04	2.074e+04	-2858.90
5	172	418.00	-5914.70	521.28	-60.54	9.182e+04	4495.78	-3562.89
5	172	690.00	-2295.06	62.59	-30.81	1.296e+04	-1550.30	2668.36

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7898.05	-13.43	-130.04	-3.399e+04	-2.145e+04	-3769.84
			1289.98	750.59	-3.24	9.992e+04	2.928e+04	3039.03

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	4	-323.00	-2.102e+04	-9876.40	-196.41	1.687e+06	-2999.66	-1.279e+04
6	4	0.0	-2.986e+04	-4851.60	-196.41	7.121e+05	5803.24	-2068.90
6	4	418.00	-7782.73	-838.60	-127.15	-1.653e+05	-7254.19	5855.24
6	4	690.00	-4059.98	-130.00	203.12	1.067e+05	2.263e+04	-3390.56
6	5	-323.00	-1.363e+04	-6782.44	-122.45	1.083e+06	-3863.54	-9133.57
6	5	0.0	-2.080e+04	-3366.94	-122.45	5.120e+05	5557.95	-2439.05
6	5	418.00	-5275.85	-412.89	-94.77	-1.275e+05	-5121.12	4606.28
6	5	690.00	-2953.65	-92.49	131.07	7.383e+04	1.595e+04	-2596.51
6	124	-323.00	-1.419e+04	-7745.17	-132.09	1.023e+06	-4250.65	-9995.81
6	124	0.0	-2.201e+04	-3729.21	-132.09	5.013e+05	5726.17	-3478.97
6	124	418.00	-5471.35	-35.99	-80.93	-1.543e+05	-4516.94	4769.17
6	124	690.00	-3002.83	89.73	110.30	7.586e+04	1.635e+04	-3830.20
6	138	-323.00	-1.316e+04	-7012.92	-130.32	1.063e+06	-5200.92	-1.011e+04
6	138	0.0	-2.195e+04	-3787.78	-130.32	5.773e+05	6916.08	-3540.47
6	138	418.00	-5293.41	-748.56	-117.77	-1.660e+05	-6323.69	4979.47
6	138	690.00	-2882.89	-130.69	145.05	7.335e+04	1.688e+04	-4143.25
6	140	-323.00	-1.314e+04	-7316.32	-126.83	9.816e+05	-5597.24	-1.025e+04
6	140	0.0	-2.214e+04	-3683.15	-126.83	5.513e+05	7087.81	-4096.41
6	140	418.00	-5278.36	-283.33	-97.96	-1.712e+05	-5174.55	5191.89
6	140	690.00	-2904.38	17.24	116.82	7.240e+04	1.642e+04	-4403.02
6	144	-323.00	-1.315e+04	-7351.31	-128.70	9.922e+05	-5516.84	-1.030e+04
6	144	0.0	-2.214e+04	-3779.66	-128.70	5.541e+05	7027.69	-4083.33
6	144	418.00	-5290.19	-372.29	-102.36	-1.730e+05	-5483.91	5108.34
6	144	690.00	-2900.32	-3.40	122.90	7.291e+04	1.659e+04	-4483.95
6	156	-323.00	-1.427e+04	-7594.35	-132.27	1.054e+06	-4035.03	-9859.22
6	156	0.0	-2.192e+04	-3677.23	-132.27	5.067e+05	5598.32	-3173.69
6	156	418.00	-5486.19	-140.40	-84.32	-1.482e+05	-4691.38	4724.07
6	156	690.00	-3006.14	47.92	117.08	7.609e+04	1.638e+04	-3551.26
6	170	-323.00	-1.348e+04	-7027.91	-130.90	1.085e+06	-4770.12	-9948.42
6	170	0.0	-2.187e+04	-3722.53	-130.90	5.655e+05	6518.79	-3221.27
6	170	418.00	-5348.54	-691.62	-112.82	-1.572e+05	-6089.02	4886.76
6	170	690.00	-2913.36	-122.59	143.96	7.415e+04	1.679e+04	-3793.43
6	172	-323.00	-1.346e+04	-7262.61	-128.19	1.022e+06	-5076.70	-1.006e+04
6	172	0.0	-2.202e+04	-3641.60	-128.19	5.454e+05	6651.63	-3651.31
6	172	418.00	-5336.90	-331.73	-97.49	-1.613e+05	-5200.08	5051.07
6	172	690.00	-2929.98	-8.16	122.12	7.341e+04	1.643e+04	-3994.38
6	176	-323.00	-1.347e+04	-7289.68	-129.64	1.031e+06	-5014.50	-1.009e+04
6	176	0.0	-2.201e+04	-3716.26	-129.64	5.475e+05	6605.12	-3641.20
6	176	418.00	-5346.06	-400.55	-100.90	-1.627e+05	-5439.39	4986.45
6	176	690.00	-2926.84	-24.12	126.82	7.381e+04	1.657e+04	-4056.98

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.986e+04	-9876.40	-196.41	-1.730e+05	-7254.19	-1.279e+04
	-2882.89	89.73	203.12	1.687e+06	2.263e+04	5855.24

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	4	-323.00	-2.554e+04	-6556.35	196.31	2.304e+06	-1.300e+04	-3228.33
7	4	0.0	-1.838e+04	-2035.79	196.31	8.937e+04	1.227e+04	-1.016e+04
7	4	418.00	-1.102e+04	-700.54	-69.15	2.534e+05	-1469.72	1963.22
7	4	690.00	-4552.87	6.87	-148.29	8.438e+04	-9957.29	-9320.44
7	5	-323.00	-1.851e+04	-4955.22	126.67	1.663e+06	-9981.45	-2671.77
7	5	0.0	-1.233e+04	-1627.62	126.67	2697.31	9205.86	-8010.89
7	5	418.00	-8314.36	-433.75	-36.99	1.935e+05	-51.27	2076.70
7	5	690.00	-3354.65	100.04	-116.33	5.616e+04	-6647.52	-6978.70
7	9	-323.00	-2.483e+04	-6505.71	177.15	2.235e+06	-1.292e+04	-3288.75
7	9	0.0	-1.718e+04	-2103.72	177.15	4.933e+04	1.202e+04	-1.035e+04
7	9	418.00	-1.092e+04	-617.75	-53.28	2.496e+05	-483.19	2321.66
7	9	690.00	-4569.90	73.38	-150.42	8.051e+04	-9611.80	-9068.46
7	115	-323.00	-1.953e+04	-5820.99	156.90	1.634e+06	-1.121e+04	-3196.94
7	115	0.0	-1.309e+04	-1655.15	156.90	-6.358e+04	1.050e+04	-7734.78
7	115	418.00	-8425.02	368.13	-100.82	2.072e+05	-3000.42	1963.33
7	115	690.00	-3484.43	318.77	-76.35	5.904e+04	-6245.00	-7073.46
7	126	-323.00	-1.861e+04	-4572.99	121.81	1.767e+06	-9333.73	-2008.91
7	126	0.0	-1.287e+04	-1822.46	121.81	9.016e+04	8642.34	-8097.30
7	126	418.00	-8376.51	-1233.03	12.73	1.771e+05	2336.99	2060.78
7	126	690.00	-3328.69	-139.28	-158.67	5.892e+04	-7973.72	-6578.70
7	140	-323.00	-2.005e+04	-5203.70	142.63	1.769e+06	-1.297e+04	-3799.73
7	140	0.0	-1.181e+04	-1382.53	142.63	-8.757e+04	1.199e+04	-9682.01
7	140	418.00	-8635.61	-154.50	-87.37	2.451e+05	-2686.74	2538.71
7	140	690.00	-3405.76	110.65	-90.68	4.771e+04	-5304.47	-7912.57
7	144	-323.00	-1.997e+04	-5082.15	140.49	1.772e+06	-1.283e+04	-3805.77
7	144	0.0	-1.180e+04	-1307.12	140.49	-8.010e+04	1.185e+04	-9710.43
7	144	418.00	-8617.62	-182.41	-86.56	2.463e+05	-2739.74	2463.32
7	144	690.00	-3407.63	94.15	-89.83	4.794e+04	-5260.52	-8037.25
7	147	-323.00	-1.939e+04	-5632.25	152.06	1.650e+06	-1.093e+04	-3062.42
7	147	0.0	-1.307e+04	-1643.89	152.06	-4.311e+04	1.022e+04	-7781.88
7	147	418.00	-8413.29	177.88	-87.69	2.042e+05	-2421.03	1942.16
7	147	690.00	-3467.65	261.41	-85.22	5.912e+04	-6420.98	-7067.40
7	158	-323.00	-1.868e+04	-4666.84	124.91	1.752e+06	-9481.89	-2143.40
7	158	0.0	-1.290e+04	-1773.31	124.91	7.582e+04	8789.52	-8062.32
7	158	418.00	-8375.77	-1060.72	0.15	1.809e+05	1707.79	2017.54
7	158	690.00	-3347.18	-92.93	-148.90	5.902e+04	-7758.26	-6684.68
7	172	-323.00	-1.980e+04	-5154.74	141.02	1.754e+06	-1.230e+04	-3528.71
7	172	0.0	-1.208e+04	-1432.99	141.02	-6.166e+04	1.138e+04	-9288.19
7	172	418.00	-8576.19	-226.41	-77.29	2.336e+05	-2178.38	2387.25
7	172	690.00	-3406.80	100.41	-96.30	5.035e+04	-5693.42	-7716.51
7	176	-323.00	-1.974e+04	-5060.71	139.36	1.756e+06	-1.218e+04	-3533.38
7	176	0.0	-1.207e+04	-1374.66	139.36	-5.588e+04	1.127e+04	-9310.17
7	176	418.00	-8562.28	-248.00	-76.66	2.344e+05	-2219.38	2328.93
7	176	690.00	-3408.25	87.64	-95.64	5.054e+04	-5659.42	-7812.96

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.554e+04	-6556.35	-158.67	-8.757e+04	-1.300e+04	-1.035e+04
	-3328.69	368.13	196.31	2.304e+06	1.227e+04	2538.71

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	1	-323.00	-4.370e+04	-1.019e+04	193.91	-6.737e+05	-1.217e+04	-4994.53
8	1	0.0	-4.081e+04	-9688.95	193.91	6.500e+05	2.310e+04	-78.77
8	1	418.00	-9469.49	1386.77	-68.29	-2.560e+05	1.455e+04	-3264.71
8	1	690.00	-1796.50	-2818.86	-253.78	4.982e+04	-3160.71	2304.82
8	4	-323.00	-4.681e+04	-9798.16	224.75	-5.981e+05	-1.205e+04	-5579.80
8	4	0.0	-4.392e+04	-9311.56	224.75	6.290e+05	2.388e+04	-283.23
8	4	418.00	-9856.71	1481.83	-72.50	-2.487e+05	1.390e+04	-3078.85
8	4	690.00	-1764.95	-2689.78	-273.27	4.801e+04	-3943.26	2279.14

8	7	-323.00	-3.495e+04	-7659.52	166.45	-4.802e+05	-9344.09	-4175.04
8	7	0.0	-3.270e+04	-7276.86	166.45	4.901e+05	1.806e+04	-210.77
8	7	418.00	-7427.58	1111.33	-54.66	-1.966e+05	1.071e+04	-2426.09
8	7	690.00	-1299.54	-2152.84	-206.40	3.858e+04	-2944.76	1787.39
8	117	-323.00	-3.515e+04	-6346.31	149.80	-3.789e+05	-2691.62	-3867.13
8	117	0.0	-3.359e+04	-6056.97	149.80	4.066e+05	1.376e+04	-413.58
8	117	418.00	-7406.71	1096.54	-81.96	-1.652e+05	1.222e+04	-1927.48
8	117	690.00	-1373.18	-1901.41	-286.12	3.178e+04	-5837.27	1532.17
8	136	-323.00	-3.250e+04	-1.026e+04	145.45	-7.233e+05	-1.107e+04	-5217.72
8	136	0.0	-3.002e+04	-9757.03	145.45	6.284e+05	1.838e+04	-212.96
8	136	418.00	-7227.77	995.07	-46.49	-2.519e+05	1.013e+04	-3532.87
8	136	690.00	-1480.55	-2672.98	-155.75	5.097e+04	-1218.74	2348.97
8	143	-323.00	-3.398e+04	-5767.28	153.66	-3.312e+05	-1.066e+04	-2911.43
8	143	0.0	-3.167e+04	-5477.76	153.66	3.865e+05	1.889e+04	-77.39
8	143	418.00	-7252.11	1053.62	-45.31	-1.554e+05	1.138e+04	-1801.04
8	143	690.00	-1203.41	-1834.23	-190.50	2.943e+04	-2088.94	1257.83
8	144	-323.00	-3.243e+04	-1.043e+04	147.16	-7.423e+05	-1.110e+04	-5070.44
8	144	0.0	-2.995e+04	-9917.81	147.16	6.410e+05	1.841e+04	-141.61
8	144	418.00	-7223.70	1017.19	-45.85	-2.522e+05	1.031e+04	-3502.18
8	144	690.00	-1482.77	-2646.51	-159.45	5.053e+04	-1318.40	2358.76
8	149	-323.00	-3.478e+04	-6686.39	149.75	-4.105e+05	-4204.64	-3863.66
8	149	0.0	-3.307e+04	-6374.35	149.75	4.278e+05	1.466e+04	-336.96
8	149	418.00	-7374.74	1089.44	-75.29	-1.726e+05	1.197e+04	-2060.46
8	149	690.00	-1370.24	-1965.66	-265.62	3.335e+04	-5074.11	1588.74
8	168	-323.00	-3.273e+04	-9712.78	146.39	-6.770e+05	-1.069e+04	-4908.43
8	168	0.0	-3.031e+04	-9236.58	146.39	5.994e+05	1.824e+04	-181.77
8	168	418.00	-7236.31	1010.94	-47.85	-2.397e+05	1.036e+04	-3302.33
8	168	690.00	-1453.29	-2562.52	-164.77	4.819e+04	-1501.39	2220.59
8	175	-323.00	-3.388e+04	-6238.47	152.74	-3.736e+05	-1.037e+04	-3124.37
8	175	0.0	-3.158e+04	-5926.30	152.74	4.123e+05	1.863e+04	-76.90
8	175	418.00	-7255.15	1056.24	-46.94	-1.651e+05	1.133e+04	-1962.65
8	175	690.00	-1238.91	-1913.69	-191.65	3.153e+04	-2174.54	1376.53
8	176	-323.00	-3.268e+04	-9847.15	147.71	-6.916e+05	-1.071e+04	-4794.49
8	176	0.0	-3.025e+04	-9360.95	147.71	6.091e+05	1.826e+04	-126.58
8	176	418.00	-7233.17	1028.06	-47.36	-2.399e+05	1.050e+04	-3278.59
8	176	690.00	-1455.01	-2542.04	-167.63	4.785e+04	-1578.48	2228.16

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.681e+04	-1.043e+04	-286.12	-7.423e+05	-1.217e+04	-5579.80
			-1203.41	1481.83	224.75	6.500e+05	2.388e+04	2358.76

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
13	4	-323.00	-1.610e+05	-1758.36	554.51	-1.430e+07	4.477e+04	2.880e+04
13	4	0.0	-1.698e+05	6309.02	554.51	-1.306e+07	-1.408e+05	-1.362e+05
13	5	-323.00	-1.040e+05	-874.18	383.61	-9.761e+06	4.105e+04	1.999e+04
13	5	0.0	-1.093e+05	4259.99	383.61	-9.029e+06	-8.527e+04	-9.209e+04
13	117	-323.00	-1.105e+05	167.32	471.22	-1.023e+07	1.208e+05	2.391e+04
13	117	0.0	-1.168e+05	6096.16	471.22	-9.457e+06	-2.300e+04	-1.189e+05
13	129	-323.00	-1.096e+05	3660.82	450.29	-1.035e+07	6.061e+04	2.513e+04
13	129	0.0	-1.165e+05	1.091e+04	450.29	-9.697e+06	-7.441e+04	-1.036e+05
13	133	-323.00	-1.096e+05	3650.26	452.41	-1.034e+07	6.519e+04	2.491e+04
13	133	0.0	-1.165e+05	1.089e+04	452.41	-9.692e+06	-7.209e+04	-1.025e+05
13	136	-323.00	-1.129e+05	-5746.40	346.08	-1.008e+07	1.212e+04	1.667e+04
13	136	0.0	-1.176e+05	-1940.49	346.08	-9.110e+06	-1.152e+05	-9.090e+04
13	149	-323.00	-1.107e+05	-107.89	454.92	-1.022e+07	1.022e+05	2.320e+04
13	149	0.0	-1.169e+05	5728.89	454.92	-9.444e+06	-3.900e+04	-1.138e+05
13	161	-323.00	-1.100e+05	2594.55	438.73	-1.032e+07	5.564e+04	2.414e+04
13	161	0.0	-1.166e+05	9449.28	438.73	-9.630e+06	-7.877e+04	-1.020e+05
13	165	-323.00	-1.099e+05	2586.38	440.37	-1.031e+07	5.918e+04	2.398e+04
13	165	0.0	-1.166e+05	9436.38	440.37	-9.626e+06	-7.697e+04	-1.011e+05
13	168	-323.00	-1.126e+05	-4682.53	358.12	-1.011e+07	1.813e+04	1.760e+04
13	168	0.0	-1.175e+05	-487.96	358.12	-9.176e+06	-1.103e+05	-9.221e+04

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.698e+05	-5746.40	346.08	-1.430e+07	-1.408e+05	-1.362e+05
			-1.040e+05	1.091e+04	554.51	-9.029e+06	1.208e+05	2.880e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
14	1	-323.00	-1.813e+05	-312.22	1365.71	-8.724e+06	1.155e+05	3675.96
14	1	0.0	-1.761e+05	-2618.39	1365.71	-9.605e+06	-2.865e+05	2.736e+05
14	4	-323.00	-1.978e+05	-264.68	1101.92	-9.386e+06	6.953e+04	-7114.41
14	4	0.0	-1.918e+05	-2448.31	1101.92	-1.011e+07	-2.635e+05	2.879e+05
14	5	-323.00	-1.318e+05	-264.70	1157.46	-6.473e+06	1.098e+05	7928.46
14	5	0.0	-1.281e+05	-2087.31	1157.46	-7.204e+06	-2.280e+05	2.045e+05
14	122	-323.00	-1.384e+05	-2721.00	1001.58	-7.301e+06	4.566e+04	6197.84
14	122	0.0	-1.348e+05	-4866.57	1001.58	-8.003e+06	-2.403e+05	2.229e+05
14	133	-323.00	-1.358e+05	-664.23	1243.15	-6.131e+06	2.453e+05	1.807e+04
14	133	0.0	-1.330e+05	-2317.56	1243.15	-7.184e+06	-1.563e+05	1.304e+05
14	136	-323.00	-1.426e+05	180.13	847.03	-7.354e+06	-6.673e+04	-1.203e+04
14	136	0.0	-1.374e+05	-1708.92	847.03	-7.638e+06	-2.815e+05	2.909e+05
14	154	-323.00	-1.386e+05	-2159.68	1011.43	-7.174e+06	5.554e+04	5478.07
14	154	0.0	-1.349e+05	-4220.47	1011.43	-7.869e+06	-2.355e+05	2.201e+05
14	165	-323.00	-1.366e+05	-568.64	1198.30	-6.269e+06	2.100e+05	1.466e+04
14	165	0.0	-1.335e+05	-2248.65	1198.30	-7.236e+06	-1.705e+05	1.486e+05
14	168	-323.00	-1.418e+05	84.53	891.88	-7.216e+06	-3.141e+04	-8625.85
14	168	0.0	-1.369e+05	-1777.83	891.88	-7.586e+06	-2.673e+05	2.727e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-1.978e+05	-4866.57	847.03	-1.011e+07	-2.865e+05	-1.203e+04
	-1.281e+05	180.13	1365.71	-6.131e+06	2.453e+05	2.909e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
15	1	-323.00	-2.870e+04	-1766.93	58.31	4.310e+04	1.224e+04	-3.033e+04
15	1	0.0	-4.392e+04	-5537.18	58.31	1.256e+05	-1.049e+04	3472.73
15	4	-323.00	-3.105e+04	-1992.80	81.66	4.296e+04	1.767e+04	-2.928e+04
15	4	0.0	-4.732e+04	-5788.70	81.66	1.275e+05	-1.670e+04	284.45
15	5	-323.00	-2.092e+04	-1246.54	36.40	3.340e+04	7090.88	-2.370e+04
15	5	0.0	-3.205e+04	-4097.38	36.40	9.450e+04	-5608.27	3919.58
15	116	-323.00	-2.121e+04	-1632.00	-155.57	-4945.23	1.313e+04	-2.485e+04
15	116	0.0	-3.376e+04	-4838.73	-155.57	1.289e+05	-4.314e+04	3.917e+04
15	138	-323.00	-2.108e+04	-2115.33	81.33	-4.005e+04	9852.52	-2.264e+04
15	138	0.0	-3.445e+04	-5140.40	81.33	1.563e+05	-2686.44	-3303.76
15	140	-323.00	-2.077e+04	-2160.63	-35.87	-5.038e+04	1.181e+04	-2.363e+04
15	140	0.0	-3.440e+04	-5340.06	-35.87	1.656e+05	-2.282e+04	1.776e+04
15	148	-323.00	-2.139e+04	-1568.57	-109.94	3694.34	1.230e+04	-2.450e+04
15	148	0.0	-3.374e+04	-4700.73	-109.94	1.214e+05	-3.524e+04	3.088e+04
15	170	-323.00	-2.129e+04	-1942.45	73.32	-2.346e+04	9761.94	-2.279e+04
15	170	0.0	-3.427e+04	-4934.09	73.32	1.426e+05	-3941.83	-1972.08
15	172	-323.00	-2.105e+04	-1977.49	-17.34	-3.145e+04	1.128e+04	-2.355e+04
15	172	0.0	-3.423e+04	-5088.54	-17.34	1.498e+05	-1.952e+04	1.432e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-4.732e+04	-5788.70	-155.57	-5.038e+04	-4.314e+04	-3.033e+04
	-2.077e+04	-1246.54	81.66	1.656e+05	1.767e+04	3.917e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
16	4	-323.00	-7.626e+04	9019.21	1075.54	-2.047e+06	-6.350e+04	1.689e+04
16	4	0.0	-1.212e+05	1.452e+04	-2675.50	3.899e+06	3.935e+04	4.671e+04
16	5	-323.00	-5.065e+04	7611.54	568.20	-1.295e+06	-5.408e+04	6323.85
16	5	0.0	-8.083e+04	1.193e+04	-2213.69	2.268e+06	6.471e+04	2.668e+04
16	9	-323.00	-7.120e+04	9577.83	879.71	-1.862e+06	-7.049e+04	1.194e+04
16	9	0.0	-1.136e+05	1.522e+04	-2848.90	3.435e+06	7.298e+04	4.054e+04
16	132	-323.00	-5.497e+04	5024.28	483.31	-1.631e+06	-4.738e+04	8077.03
16	132	0.0	-8.625e+04	8323.42	-2561.08	2.446e+06	2.688e+04	3.900e+04

16	141	-323.00	-5.200e+04	9986.70	842.75	-1.141e+06	-5.419e+04	8972.87
16	141	0.0	-8.430e+04	1.532e+04	-1703.44	2.671e+06	7.902e+04	2.379e+04
16	143	-323.00	-5.239e+04	1.001e+04	545.13	-1.175e+06	-5.342e+04	8248.28
16	143	0.0	-8.479e+04	1.548e+04	-2363.76	2.231e+06	2.510e+04	2.190e+04
16	144	-323.00	-5.517e+04	4751.36	482.96	-1.655e+06	-5.027e+04	8548.59
16	144	0.0	-8.646e+04	7998.71	-2611.93	2.397e+06	2.564e+04	3.636e+04
16	164	-323.00	-5.465e+04	5555.22	523.96	-1.578e+06	-4.848e+04	8231.84
16	164	0.0	-8.605e+04	9078.79	-2469.73	2.466e+06	3.264e+04	3.698e+04
16	173	-323.00	-5.236e+04	9393.97	802.02	-1.200e+06	-5.374e+04	8924.83
16	173	0.0	-8.455e+04	1.449e+04	-1806.30	2.640e+06	7.298e+04	2.521e+04
16	175	-323.00	-5.266e+04	9415.63	571.79	-1.226e+06	-5.315e+04	8364.32
16	175	0.0	-8.492e+04	1.462e+04	-2317.09	2.300e+06	3.127e+04	2.375e+04
16	176	-323.00	-5.481e+04	5344.10	523.70	-1.597e+06	-5.071e+04	8596.63
16	176	0.0	-8.622e+04	8827.61	-2509.07	2.428e+06	3.168e+04	3.494e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.212e+05	4751.36	-2848.90	-2.047e+06	-7.049e+04	6323.85
	-5.065e+04	1.548e+04	1075.54	3.899e+06	7.902e+04	4.671e+04

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
17	3	0.0	-4.671e+04	-1.811e+04	-6881.98	-3.778e+06	-6.287e+05	1.511e+05
17	3	209.00	-6.571e+04	-2.138e+04	-1308.95	6.839e+05	1.378e+05	1.426e+05
17	3	418.00	-5.746e+04	-7404.30	-254.13	3.782e+06	-5.232e+04	2.666e+05
17	4	0.0	-4.703e+04	-1.812e+04	-6892.49	-3.793e+06	-6.317e+05	1.490e+05
17	4	209.00	-6.618e+04	-2.142e+04	-1330.63	6.946e+05	1.403e+05	1.356e+05
17	4	418.00	-5.804e+04	-7429.13	-263.44	3.799e+06	-6.019e+04	2.642e+05
17	5	0.0	-3.463e+04	-1.259e+04	-4907.36	-2.847e+06	-4.499e+05	9.177e+04
17	5	209.00	-4.841e+04	-1.475e+04	-1027.17	2.866e+05	1.277e+05	5.439e+04
17	5	418.00	-4.215e+04	-5106.95	-259.15	2.558e+06	-1.905e+04	1.348e+05
17	11	0.0	-4.716e+04	-1.778e+04	-6808.00	-3.799e+06	-6.272e+05	1.399e+05
17	11	209.00	-6.630e+04	-2.102e+04	-1366.76	6.468e+05	1.495e+05	1.113e+05
17	11	418.00	-5.835e+04	-7309.64	-292.18	3.731e+06	-6.592e+04	2.427e+05
17	122	0.0	-3.691e+04	-1.291e+04	-4457.17	-3.062e+06	-4.157e+05	5.473e+04
17	122	209.00	-5.083e+04	-1.489e+04	-1517.35	1.933e+05	9.027e+04	-4.739e+04
17	122	418.00	-4.341e+04	-5062.90	-451.84	2.573e+06	-5.131e+04	4.887e+04
17	123	0.0	-3.351e+04	-1.323e+04	-5645.75	-2.686e+06	-5.106e+05	1.452e+05
17	123	209.00	-4.786e+04	-1.586e+04	-536.67	5.590e+05	1.511e+05	1.917e+05
17	123	418.00	-4.278e+04	-5590.58	-24.89	2.806e+06	-7403.19	2.702e+05
17	127	0.0	-3.349e+04	-1.316e+04	-5644.05	-2.675e+06	-5.096e+05	1.449e+05
17	127	209.00	-4.787e+04	-1.577e+04	-535.16	5.752e+05	1.524e+05	1.904e+05
17	127	418.00	-4.280e+04	-5482.15	-32.48	2.820e+06	-7209.60	2.683e+05
17	144	0.0	-3.510e+04	-1.392e+04	-5304.05	-2.953e+06	-4.813e+05	1.186e+05
17	144	209.00	-4.905e+04	-1.626e+04	-971.77	2.418e+05	1.200e+05	1.110e+05
17	144	418.00	-4.279e+04	-6200.37	-156.03	2.569e+06	-2.150e+04	1.954e+05
17	154	0.0	-3.653e+04	-1.295e+04	-4591.74	-3.019e+06	-4.265e+05	6.498e+04
17	154	209.00	-5.050e+04	-1.500e+04	-1406.32	2.347e+05	9.716e+04	-2.032e+04
17	154	418.00	-4.334e+04	-5122.64	-403.50	2.599e+06	-4.634e+04	7.393e+04
17	155	0.0	-3.389e+04	-1.320e+04	-5511.18	-2.728e+06	-4.998e+05	1.350e+05
17	155	209.00	-4.820e+04	-1.575e+04	-647.70	5.176e+05	1.442e+05	1.646e+05
17	155	418.00	-4.285e+04	-5530.83	-73.23	2.780e+06	-1.237e+04	2.452e+05
17	159	0.0	-3.388e+04	-1.314e+04	-5509.87	-2.720e+06	-4.991e+05	1.347e+05
17	159	209.00	-4.821e+04	-1.568e+04	-646.53	5.301e+05	1.452e+05	1.637e+05
17	159	418.00	-4.287e+04	-5446.96	-79.10	2.790e+06	-1.222e+04	2.437e+05
17	176	0.0	-3.513e+04	-1.373e+04	-5246.86	-2.935e+06	-4.772e+05	1.144e+05
17	176	209.00	-4.912e+04	-1.606e+04	-984.28	2.722e+05	1.201e+05	1.022e+05
17	176	418.00	-4.286e+04	-6002.55	-174.67	2.596e+06	-2.328e+04	1.873e+05

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-6.630e+04	-2.142e+04	-6892.49	-3.799e+06	-6.317e+05	-4.739e+04
	-3.349e+04	-5062.90	-24.89	3.799e+06	1.524e+05	2.702e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm

18	4	-323.00	-1.238e+05	-8743.92	-5523.27	-9.272e+06	-1.888e+05	2.254e+04
18	4	-130.00	-1.606e+05	-1.277e+04	-5497.02	2.330e+06	-2.761e+05	6.320e+04
18	4	0.0	-1.223e+05	6147.17	-6058.34	-4.347e+06	-8.662e+05	4919.96
18	5	-323.00	-8.816e+04	-6308.33	-3904.05	-6.487e+06	-1.741e+05	1.570e+04
18	5	-130.00	-1.143e+05	-9322.55	-4213.85	1.884e+06	-1.387e+05	5.801e+04
18	5	0.0	-8.589e+04	4142.70	-3992.83	-2.700e+06	-5.059e+05	1.509e+04
18	9	-323.00	-1.191e+05	-8518.95	-5224.45	-8.841e+06	-2.107e+05	1.937e+04
18	9	-130.00	-1.543e+05	-1.257e+04	-5447.80	2.470e+06	-2.131e+05	7.200e+04
18	9	0.0	-1.164e+05	5568.00	-5482.34	-3.671e+06	-7.231e+05	1.773e+04
18	117	-323.00	-9.319e+04	-7865.13	-2232.81	-6.985e+06	-3.051e+04	-1.018e+04
18	117	-130.00	-1.205e+05	-1.108e+04	-2273.50	2.153e+06	-1.182e+05	7621.85
18	117	0.0	-9.014e+04	3121.47	-3188.36	-2.618e+06	-5.000e+05	-1.592e+04
18	118	-323.00	-9.287e+04	-8413.58	-2337.31	-7.036e+06	-4.159e+04	-9123.91
18	118	-130.00	-1.199e+05	-1.184e+04	-2395.03	2.078e+06	-1.192e+05	1.069e+04
18	118	0.0	-8.969e+04	2209.79	-3273.12	-2.545e+06	-4.955e+05	-1.411e+04
18	120	-323.00	-8.830e+04	-5058.13	-5825.33	-6.463e+06	-2.967e+05	4.274e+04
18	120	-130.00	-1.149e+05	-7932.30	-6164.40	1.547e+06	-2.126e+05	1.016e+05
18	120	0.0	-8.759e+04	5582.94	-5281.77	-3.245e+06	-6.279e+05	3.803e+04
18	149	-323.00	-9.263e+04	-7547.33	-2639.55	-6.926e+06	-6.065e+04	-4188.53
18	149	-130.00	-1.198e+05	-1.073e+04	-2714.02	2.085e+06	-1.289e+05	1.827e+04
18	149	0.0	-8.985e+04	3400.16	-3425.37	-2.689e+06	-5.145e+05	-9809.86
18	150	-323.00	-9.239e+04	-7971.59	-2720.39	-6.965e+06	-6.922e+04	-3371.90
18	150	-130.00	-1.194e+05	-1.131e+04	-2808.03	2.027e+06	-1.296e+05	2.064e+04
18	150	0.0	-8.950e+04	2694.91	-3490.94	-2.633e+06	-5.110e+05	-8411.04
18	152	-323.00	-8.886e+04	-5375.94	-5418.59	-6.522e+06	-2.666e+05	3.675e+04
18	152	-130.00	-1.155e+05	-8289.24	-5723.88	1.615e+06	-2.019e+05	9.100e+04
18	152	0.0	-8.788e+04	5304.26	-5044.76	-3.174e+06	-6.134e+05	3.192e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.606e+05	-1.277e+04	-6164.40	-9.272e+06	-8.662e+05	-1.592e+04
	-8.589e+04	6147.17	-2232.81	2.470e+06	-3.051e+04	1.016e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
20	3	0.0	-3869.87	-2172.24	484.74	-2.555e+06	5725.84	4.734e+04
20	3	418.00	-1.027e+04	-683.45	484.74	-4.785e+05	-2.775e+04	-6.767e+04
20	5	0.0	-2260.03	-1405.82	331.00	-1.528e+06	7230.52	2.946e+04
20	5	418.00	-6142.76	-431.47	331.00	-2.469e+05	-1.998e+04	-4.346e+04
20	117	0.0	-2238.01	-1085.94	359.70	-1.652e+06	1.685e+04	3.535e+04
20	117	418.00	-6727.26	-350.92	359.70	-3.138e+05	-2.323e+04	-1.463e+04
20	120	0.0	-2802.46	-1916.49	332.85	-1.720e+06	-4340.62	2.857e+04
20	120	418.00	-6833.80	-580.23	332.85	-2.681e+05	-1.781e+04	-7.844e+04
20	128	0.0	-2764.68	-1842.26	320.66	-1.713e+06	-5115.92	2.738e+04
20	128	418.00	-6828.20	-569.29	320.66	-2.716e+05	-1.850e+04	-8.056e+04
20	149	0.0	-2301.91	-1179.97	356.66	-1.660e+06	1.445e+04	3.458e+04
20	149	418.00	-6739.33	-376.89	356.66	-3.086e+05	-2.261e+04	-2.185e+04
20	152	0.0	-2738.56	-1822.46	335.89	-1.712e+06	-1941.28	2.933e+04
20	152	418.00	-6821.74	-554.27	335.89	-2.733e+05	-1.842e+04	-7.121e+04
20	160	0.0	-2709.33	-1765.03	326.46	-1.707e+06	-2541.02	2.841e+04
20	160	418.00	-6817.40	-545.81	326.46	-2.760e+05	-1.896e+04	-7.286e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.027e+04	-2172.24	320.66	-2.555e+06	-2.775e+04	-8.056e+04
	-2238.01	-350.92	484.74	-2.469e+05	1.685e+04	4.734e+04

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
21	5	418.00	-2.732e+04	-1216.58	-972.36	1.200e+06	-1.214e+05	4879.05
21	5	690.00	-2.551e+04	-1275.31	115.73	1.645e+06	-8.139e+05	5.816e+05
21	11	418.00	-3.823e+04	-1736.75	-1264.66	1.711e+06	-2.064e+05	3.930e+04
21	11	690.00	-3.582e+04	-1892.94	299.71	2.291e+06	-1.213e+06	8.953e+05
21	120	418.00	-2.747e+04	-1464.11	-905.21	1.248e+06	-1.220e+05	7.236e+04
21	120	690.00	-2.596e+04	-1592.18	268.24	1.662e+06	-8.514e+05	6.447e+05
21	125	418.00	-2.856e+04	-995.27	-1015.17	1.210e+06	-1.483e+05	-3.974e+04

21	125	690.00	-2.634e+04	-1047.56	85.69	1.699e+06	-8.454e+05	5.873e+05
21	127	418.00	-2.742e+04	-1049.54	-871.61	1.347e+06	-1.192e+05	7.390e+04
21	127	690.00	-2.588e+04	-1219.60	266.03	1.666e+06	-8.473e+05	6.413e+05
21	144	418.00	-2.764e+04	-2029.47	-961.87	1.124e+06	-1.248e+05	3.519e+04
21	144	690.00	-2.613e+04	-2041.68	205.83	1.666e+06	-8.536e+05	6.268e+05
21	152	418.00	-2.758e+04	-1416.29	-915.95	1.246e+06	-1.244e+05	5.990e+04
21	152	690.00	-2.600e+04	-1534.44	247.48	1.666e+06	-8.506e+05	6.381e+05
21	157	418.00	-2.842e+04	-1053.61	-1001.01	1.217e+06	-1.447e+05	-2.682e+04
21	157	690.00	-2.629e+04	-1113.14	106.26	1.695e+06	-8.459e+05	5.937e+05
21	159	418.00	-2.754e+04	-1095.59	-889.96	1.322e+06	-1.223e+05	6.109e+04
21	159	690.00	-2.594e+04	-1246.23	245.77	1.669e+06	-8.474e+05	6.354e+05
21	176	418.00	-2.771e+04	-1853.63	-959.78	1.150e+06	-1.266e+05	3.114e+04
21	176	690.00	-2.613e+04	-1882.16	199.19	1.669e+06	-8.523e+05	6.242e+05

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-3.823e+04	-2041.68	-1264.66	1.124e+06	-1.213e+06	-3.974e+04
	-2.551e+04	-995.27	299.71	2.291e+06	-1.192e+05	8.953e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
22	5	690.00	-3211.89	3870.58	914.31	-6.905e+05	2.564e+04	-3.741e+04
22	5	831.86	-4372.54	-394.87	914.31	-1.392e+05	-1.982e+04	-9969.75
22	9	690.00	-4862.41	5838.54	1385.88	-1.073e+06	3.815e+04	-5.968e+04
22	9	831.86	-6671.98	-619.15	1385.88	-2.276e+05	-2.966e+04	-1.741e+04
22	11	690.00	-4870.32	5892.27	1404.83	-1.073e+06	3.874e+04	-5.881e+04
22	11	831.86	-6668.72	-628.05	1404.83	-2.278e+05	-2.963e+04	-1.673e+04
22	113	690.00	-3337.32	3823.22	918.22	-7.154e+05	2.810e+04	-4.307e+04
22	113	831.86	-4585.34	-558.57	918.22	-1.562e+05	-2.136e+04	-1.542e+04
22	120	690.00	-3418.77	4329.93	1020.27	-7.465e+05	2.636e+04	-3.630e+04
22	120	831.86	-4619.60	-287.35	1020.27	-1.443e+05	-2.001e+04	-6859.28
22	121	690.00	-3338.68	3819.88	921.25	-7.144e+05	2.789e+04	-4.378e+04
22	121	831.86	-4585.98	-563.99	921.25	-1.560e+05	-2.119e+04	-1.601e+04
22	123	690.00	-3415.79	4335.44	1033.41	-7.478e+05	3.002e+04	-3.688e+04
22	123	831.86	-4612.43	-283.90	1033.41	-1.462e+05	-2.027e+04	-1.150e+04
22	145	690.00	-3346.62	3880.57	929.33	-7.189e+05	2.785e+04	-4.228e+04
22	145	831.86	-4589.13	-527.88	929.33	-1.549e+05	-2.121e+04	-1.435e+04
22	152	690.00	-3409.63	4272.54	1008.28	-7.429e+05	2.650e+04	-3.704e+04
22	152	831.86	-4615.63	-318.08	1008.28	-1.457e+05	-2.017e+04	-7733.04
22	153	690.00	-3347.67	3877.98	931.68	-7.182e+05	2.768e+04	-4.283e+04
22	153	831.86	-4589.62	-532.08	931.68	-1.547e+05	-2.108e+04	-1.481e+04
22	155	690.00	-3407.32	4276.80	1018.44	-7.440e+05	2.933e+04	-3.749e+04
22	155	831.86	-4610.08	-315.41	1018.44	-1.471e+05	-2.037e+04	-1.132e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-6671.98	-628.05	914.31	-1.073e+06	-2.966e+04	-5.968e+04
	-3211.89	5892.27	1404.83	-1.392e+05	3.874e+04	-6859.28

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
23	3	0.0	-6.304e+04	1.210e+04	-150.07	-5.725e+05	-1.292e+05	-3.873e+05
23	3	418.00	-5.114e+04	524.85	-150.07	-3.899e+06	2.138e+05	-2.185e+05
23	4	0.0	-6.344e+04	1.205e+04	-140.21	-5.890e+05	-1.291e+05	-3.870e+05
23	4	418.00	-5.160e+04	520.20	-140.21	-3.926e+06	2.159e+05	-2.177e+05
23	5	0.0	-4.408e+04	8136.00	-123.57	-2.819e+05	-6.171e+04	-2.101e+05
23	5	418.00	-3.631e+04	592.05	-123.57	-2.994e+06	1.685e+05	-1.178e+05
23	114	0.0	-4.704e+04	7043.06	-255.08	-4.673e+05	-2.407e+04	-2.606e+05
23	114	418.00	-3.868e+04	-303.27	-255.08	-3.047e+06	5357.64	-1.092e+05
23	116	0.0	-4.429e+04	9940.23	36.49	-2.002e+05	-1.282e+05	-2.238e+05
23	116	418.00	-3.631e+04	1251.68	36.49	-2.965e+06	3.400e+05	-1.685e+05
23	117	0.0	-4.736e+04	7247.81	-269.07	-4.747e+05	-2.336e+04	-2.598e+05
23	117	418.00	-3.878e+04	-102.01	-269.07	-3.031e+06	-3884.54	-1.034e+05
23	119	0.0	-4.461e+04	1.014e+04	22.50	-2.076e+05	-1.274e+05	-2.230e+05
23	119	418.00	-3.641e+04	1452.93	22.50	-2.949e+06	3.308e+05	-1.626e+05
23	146	0.0	-4.676e+04	7382.23	-223.90	-4.395e+05	-3.568e+04	-2.563e+05

23	146	418.00	-3.843e+04	-116.40	-223.90	-3.037e+06	4.212e+04	-1.153e+05
23	148	0.0	-4.464e+04	9623.37	1.65	-2.329e+05	-1.162e+05	-2.279e+05
23	148	418.00	-3.659e+04	1086.45	1.65	-2.974e+06	3.010e+05	-1.611e+05
23	149	0.0	-4.701e+04	7540.61	-234.72	-4.453e+05	-3.513e+04	-2.557e+05
23	149	418.00	-3.850e+04	39.29	-234.72	-3.025e+06	3.497e+04	-1.107e+05
23	151	0.0	-4.488e+04	9781.76	-9.18	-2.387e+05	-1.157e+05	-2.272e+05
23	151	418.00	-3.667e+04	1242.13	-9.18	-2.962e+06	2.939e+05	-1.566e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-6.344e+04	-303.27	-269.07	-3.926e+06	-1.292e+05	-3.873e+05
	-3.631e+04	1.210e+04	36.49	-2.002e+05	3.400e+05	-1.034e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
24	4	418.00	-2.251e+04	177.22	683.83	6.160e+05	3.906e+05	-8.339e+04
24	4	690.00	-1.386e+04	-863.99	683.83	-3.021e+06	-1.444e+05	1866.14
24	7	418.00	-1.619e+04	183.78	407.72	5.226e+05	2.801e+05	-5.983e+04
24	7	690.00	-9812.26	-595.73	407.72	-2.169e+06	-8.232e+04	2738.28
24	11	418.00	-2.288e+04	213.19	653.28	5.494e+05	3.721e+05	-7.668e+04
24	11	690.00	-1.424e+04	-841.92	653.28	-3.092e+06	-1.533e+05	2298.46
24	113	418.00	-1.694e+04	2.40	1202.44	4.115e+05	2.021e+05	1.394e+04
24	113	690.00	-1.046e+04	-769.65	1202.44	-2.279e+06	-1.520e+05	7.369e+04
24	116	418.00	-1.592e+04	525.18	-578.35	4.360e+05	2.790e+05	-1.072e+05
24	116	690.00	-9883.88	-295.10	-578.35	-2.197e+06	-2.299e+04	-6.588e+04
24	118	418.00	-1.689e+04	-67.29	1150.23	3.860e+05	2.026e+05	3762.52
24	118	690.00	-1.043e+04	-824.29	1150.23	-2.278e+06	-1.477e+05	6.274e+04
24	124	418.00	-1.603e+04	361.72	-386.31	4.232e+05	2.641e+05	-1.113e+05
24	124	690.00	-9947.89	-416.09	-386.31	-2.191e+06	-3.532e+04	-5.928e+04
24	145	418.00	-1.683e+04	61.59	1000.82	4.143e+05	2.108e+05	231.90
24	145	690.00	-1.039e+04	-715.92	1000.82	-2.269e+06	-1.374e+05	5.789e+04
24	148	418.00	-1.604e+04	465.99	-376.73	4.332e+05	2.703e+05	-9.346e+04
24	148	690.00	-9948.80	-348.83	-376.73	-2.206e+06	-3.760e+04	-5.008e+04
24	150	418.00	-1.679e+04	7.68	960.43	3.946e+05	2.112e+05	-7644.10
24	150	690.00	-1.037e+04	-758.19	960.43	-2.269e+06	-1.340e+05	4.942e+04
24	156	418.00	-1.612e+04	339.54	-228.18	4.233e+05	2.588e+05	-9.669e+04
24	156	690.00	-9998.31	-442.42	-228.18	-2.202e+06	-4.713e+04	-4.497e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.288e+04	-863.99	-578.35	-3.092e+06	-1.533e+05	-1.113e+05
	-9812.26	525.18	1202.44	6.160e+05	3.906e+05	7.369e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
25	4	0.0	-1.953e+04	9643.43	-17.94	3.406e+05	5.415e+04	1.294e+05
25	4	209.00	-1.466e+04	269.79	-17.94	1.257e+05	-6.931e+04	-1.063e+05
25	4	418.00	-1.239e+04	4417.15	3156.51	7.818e+04	-2.907e+04	-2.846e+05
25	5	0.0	-1.383e+04	6805.72	-23.99	2.463e+05	4.288e+04	8.543e+04
25	5	209.00	-1.038e+04	178.17	-23.99	9.339e+04	-4.960e+04	-7.416e+04
25	5	418.00	-8816.93	2826.06	2125.30	5.451e+04	-1.902e+04	-1.944e+05
25	121	0.0	-1.358e+04	7384.47	-98.33	2.608e+05	4.019e+04	1.241e+05
25	121	209.00	-1.031e+04	536.56	-98.33	9.848e+04	-4.990e+04	-5.108e+04
25	121	418.00	-8921.81	3550.76	2445.70	5.962e+04	-3.025e+04	-1.967e+05
25	125	0.0	-1.357e+04	7383.95	-97.83	2.611e+05	4.007e+04	1.247e+05
25	125	209.00	-1.030e+04	541.62	-97.83	9.880e+04	-4.971e+04	-5.053e+04
25	125	418.00	-8920.63	3552.53	2448.37	5.989e+04	-3.008e+04	-1.963e+05
25	128	0.0	-1.497e+04	6672.81	57.33	2.431e+05	4.485e+04	5.635e+04
25	128	209.00	-1.112e+04	-167.32	57.33	9.050e+04	-5.226e+04	-1.034e+05
25	128	418.00	-9248.73	2511.40	2024.46	5.338e+04	-1.035e+04	-2.104e+05
25	135	0.0	-1.437e+04	6934.43	-57.70	2.579e+05	3.963e+04	7.507e+04
25	135	209.00	-1.064e+04	126.18	-57.70	9.904e+04	-5.654e+04	-9.086e+04
25	135	418.00	-9112.67	2478.33	2157.62	6.116e+04	-2.724e+04	-2.207e+05
25	153	0.0	-1.373e+04	7303.84	-80.65	2.589e+05	4.071e+04	1.165e+05
25	153	209.00	-1.040e+04	457.44	-80.65	9.761e+04	-5.014e+04	-5.694e+04
25	153	418.00	-8958.69	3433.28	2398.31	5.894e+04	-2.798e+04	-1.982e+05

25	157	0.0	-1.373e+04	7303.43	-80.27	2.591e+05	4.061e+04	1.170e+05
25	157	209.00	-1.040e+04	461.35	-80.27	9.786e+04	-4.999e+04	-5.652e+04
25	157	418.00	-8957.77	3434.65	2400.38	5.916e+04	-2.785e+04	-1.979e+05
25	160	0.0	-1.481e+04	6753.33	39.76	2.451e+05	4.431e+04	6.410e+04
25	160	209.00	-1.103e+04	-87.05	39.76	9.144e+04	-5.197e+04	-9.741e+04
25	160	418.00	-9211.58	2629.28	2072.46	5.412e+04	-1.258e+04	-2.088e+05
25	167	0.0	-1.435e+04	6955.71	-49.22	2.566e+05	4.027e+04	7.857e+04
25	167	209.00	-1.066e+04	139.99	-49.22	9.805e+04	-5.528e+04	-8.771e+04
25	167	418.00	-9106.33	2603.70	2175.46	6.014e+04	-2.565e+04	-2.167e+05

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.953e+04	-167.32	-98.33	5.338e+04	-6.931e+04	-2.846e+05
	-8816.93	9643.43	3156.51	3.406e+05	5.415e+04	1.294e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
26	4	0.0	-1.494e+05	8654.48	1.399e+04	-9.267e+06	-1.271e+05	1.004e+05
26	4	418.00	-1.291e+05	1347.53	2.433e+04	-7.202e+06	-9.037e+05	-6.443e+04
26	5	0.0	-9.744e+04	6710.46	6485.26	-5.594e+06	-1.233e+05	8.995e+04
26	5	418.00	-8.488e+04	269.00	1.384e+04	-4.954e+06	-4.340e+05	-1.662e+04
26	9	0.0	-1.395e+05	8767.01	1.012e+04	-8.363e+06	-1.481e+05	1.146e+05
26	9	418.00	-1.219e+05	916.56	2.045e+04	-7.091e+06	-6.740e+05	-4.061e+04
26	115	0.0	-1.030e+05	8390.33	4022.19	-6.080e+06	-4.262e+05	1.783e+05
26	115	418.00	-9.012e+04	1849.90	1.560e+04	-5.120e+06	-3.604e+05	3.167e+04
26	138	0.0	-1.051e+05	-48.77	8930.74	-6.899e+06	-4.989e+04	5.415e+04
26	138	418.00	-9.035e+04	-4988.35	1.578e+04	-5.309e+06	-5.617e+05	-2.446e+04
26	143	0.0	-1.026e+05	1.355e+04	7223.07	-5.397e+06	-1.721e+05	1.064e+05
26	143	418.00	-9.001e+04	6132.09	1.540e+04	-5.043e+06	-5.015e+05	-4.362e+04
26	147	0.0	-1.032e+05	8005.75	4930.39	-6.098e+06	-3.555e+05	1.572e+05
26	147	418.00	-9.014e+04	1555.48	1.560e+04	-5.132e+06	-3.985e+05	1.803e+04
26	170	0.0	-1.048e+05	1477.58	8727.46	-6.732e+06	-6.440e+04	6.124e+04
26	170	418.00	-9.031e+04	-3734.35	1.574e+04	-5.279e+06	-5.542e+05	-2.540e+04
26	175	0.0	-1.029e+05	1.200e+04	7406.47	-5.569e+06	-1.589e+05	1.017e+05
26	175	418.00	-9.005e+04	4868.02	1.545e+04	-5.073e+06	-5.077e+05	-4.022e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.494e+05	-4988.35	4022.19	-9.267e+06	-9.037e+05	-6.443e+04
	-8.488e+04	1.355e+04	2.433e+04	-4.954e+06	-4.989e+04	1.783e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
27	4	0.0	-1.729e+04	-9889.78	-349.92	4.113e+04	2.407e+05	-6951.01
27	4	418.00	-1.291e+04	-1.207e+04	-349.92	8.456e+05	-1.560e+05	-7.918e+04
27	5	0.0	-1.149e+04	-7312.43	-200.20	7315.63	1.448e+05	-1.039e+04
27	5	418.00	-8718.97	-8426.38	-200.20	5.799e+05	-9.467e+04	-4.622e+04
27	113	0.0	-1.257e+04	-6795.35	-364.57	3.344e+04	2.098e+05	-3.049e+04
27	113	418.00	-9155.69	-7907.31	-364.57	5.800e+05	-1.467e+05	-5.958e+04
27	123	0.0	-1.198e+04	-7705.62	-96.98	1.986e+04	1.251e+05	2700.64
27	123	418.00	-9116.86	-9010.44	-96.98	6.167e+05	-7.244e+04	-5.187e+04
27	129	0.0	-1.260e+04	-6805.59	-205.11	5.187e+04	1.764e+05	-1.745e+04
27	129	418.00	-9144.30	-7905.78	-205.11	5.807e+05	-1.169e+05	-5.559e+04
27	140	0.0	-1.174e+04	-8084.77	-233.93	-2.208e+04	1.432e+05	-374.96
27	140	418.00	-9179.91	-9593.07	-233.93	6.310e+05	-9.096e+04	-4.837e+04
27	145	0.0	-1.248e+04	-6936.99	-333.02	2.954e+04	1.984e+05	-2.552e+04
27	145	418.00	-9157.75	-8096.09	-333.02	5.859e+05	-1.370e+05	-5.777e+04
27	155	0.0	-1.202e+04	-7641.14	-126.02	1.904e+04	1.329e+05	152.82
27	155	418.00	-9127.72	-8949.44	-126.02	6.142e+05	-7.955e+04	-5.180e+04
27	161	0.0	-1.250e+04	-6944.91	-209.66	4.381e+04	1.725e+05	-1.543e+04
27	161	418.00	-9148.94	-8094.91	-209.66	5.864e+05	-1.140e+05	-5.468e+04
27	172	0.0	-1.183e+04	-7934.43	-231.96	-1.340e+04	1.469e+05	-2226.35
27	172	418.00	-9176.49	-9400.14	-231.96	6.253e+05	-9.388e+04	-4.909e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.729e+04	-1.207e+04	-364.57	-2.208e+04	-1.560e+05	-7.918e+04

			-8718.97	-6795.35	-96.98	8.456e+05	2.407e+05	2700.64

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
28	3	418.00	-7456.99	1418.74	-538.54	3017.32	1.660e+05	-4.722e+04
28	3	690.00	-3215.94	-224.22	-538.54	8.495e+04	-1.591e+05	6.396e+04
28	4	418.00	-7613.38	1427.94	-547.29	3550.98	1.670e+05	-4.522e+04
28	4	690.00	-3317.18	-216.10	-547.29	8.666e+04	-1.621e+05	6.149e+04
28	7	418.00	-5457.02	1030.23	-392.50	852.78	1.239e+05	-3.852e+04
28	7	690.00	-2305.43	-176.51	-392.50	6.236e+04	-1.164e+05	5.073e+04
28	11	418.00	-7750.10	1343.01	-541.06	3465.74	1.639e+05	-4.156e+04
28	11	690.00	-3431.53	-193.58	-541.06	8.918e+04	-1.631e+05	5.440e+04
28	134	418.00	-5631.54	794.61	-397.59	-1.373e+04	1.269e+05	-2.622e+04
28	134	690.00	-2309.52	-529.27	-397.59	6.568e+04	-1.158e+05	5.574e+04
28	136	418.00	-5662.88	771.08	-328.03	-1.304e+04	1.209e+05	-3.672e+04
28	136	690.00	-2343.19	-590.01	-328.03	6.733e+04	-1.141e+05	5.788e+04
28	137	418.00	-5484.05	953.79	-401.40	1.568e+04	1.125e+05	-3.107e+04
28	137	690.00	-2517.79	348.01	-401.40	6.442e+04	-1.161e+05	2.318e+04
28	144	418.00	-5663.65	756.72	-330.61	-1.485e+04	1.200e+05	-3.767e+04
28	144	690.00	-2348.59	-640.99	-330.61	6.746e+04	-1.141e+05	5.605e+04
28	166	418.00	-5617.81	808.22	-391.65	-1.055e+04	1.246e+05	-2.788e+04
28	166	690.00	-2336.77	-441.60	-391.65	6.572e+04	-1.156e+05	5.208e+04
28	168	418.00	-5642.05	790.01	-337.84	-1.002e+04	1.200e+05	-3.600e+04
28	168	690.00	-2362.81	-488.59	-337.84	6.699e+04	-1.143e+05	5.374e+04
28	169	418.00	-5503.71	931.35	-394.60	1.220e+04	1.134e+05	-3.163e+04
28	169	690.00	-2497.87	237.04	-394.60	6.474e+04	-1.159e+05	2.689e+04
28	176	418.00	-5642.65	778.91	-339.84	-1.142e+04	1.192e+05	-3.674e+04
28	176	690.00	-2366.99	-528.02	-339.84	6.709e+04	-1.143e+05	5.232e+04

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7750.10	-640.99	-547.29	-1.485e+04	-1.631e+05	-4.722e+04
			-2305.43	1427.94	-328.03	8.918e+04	1.670e+05	6.396e+04

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
29	1	418.00	-6.623e+04	2307.04	-1031.24	1.426e+04	1.316e+06	-2.375e+05
29	1	690.00	-1.880e+04	2530.51	-1031.24	-9.048e+05	-1.137e+06	-3.937e+05
29	7	418.00	-5.001e+04	1890.25	-960.31	5.633e+04	1.297e+06	-2.109e+05
29	7	690.00	-1.289e+04	1935.92	-960.31	-6.504e+05	-7.475e+05	-2.859e+05
29	11	418.00	-7.152e+04	2397.98	-1159.10	6.021e+04	1.591e+06	-2.730e+05
29	11	690.00	-1.996e+04	2367.68	-1159.10	-8.898e+05	-1.223e+06	-4.230e+05
29	128	418.00	-4.971e+04	1099.78	-1562.03	6.628e+04	1.095e+06	-1.497e+05
29	128	690.00	-1.373e+04	1237.86	-1562.03	-5.884e+05	-7.116e+05	-3.025e+05
29	135	418.00	-4.945e+04	4091.02	-990.53	1.051e+05	1.039e+06	-1.846e+05
29	135	690.00	-1.395e+04	4327.43	-990.53	-9.132e+05	-7.997e+05	-3.526e+05
29	137	418.00	-4.956e+04	4288.41	-535.38	7.006e+04	1.003e+06	-2.163e+05
29	137	690.00	-1.403e+04	4470.91	-535.38	-9.471e+05	-8.713e+05	-3.377e+05
29	142	418.00	-5.034e+04	-746.84	-641.50	-8.721e+04	1.030e+06	-1.815e+05
29	142	690.00	-1.386e+04	-508.12	-641.50	-4.486e+05	-8.609e+05	-2.423e+05
29	160	418.00	-4.975e+04	1255.57	-1392.24	5.483e+04	1.081e+06	-1.574e+05
29	160	690.00	-1.377e+04	1403.68	-1392.24	-6.107e+05	-7.386e+05	-3.006e+05
29	167	418.00	-4.955e+04	3569.48	-950.15	8.490e+04	1.038e+06	-1.844e+05
29	167	690.00	-1.394e+04	3793.65	-950.15	-8.620e+05	-8.067e+05	-3.393e+05
29	169	418.00	-4.963e+04	3722.18	-598.06	5.776e+04	1.011e+06	-2.089e+05
29	169	690.00	-1.400e+04	3904.64	-598.06	-8.882e+05	-8.621e+05	-3.279e+05
29	174	418.00	-5.023e+04	-172.91	-680.16	-6.391e+04	1.031e+06	-1.819e+05
29	174	690.00	-1.387e+04	53.05	-680.16	-5.026e+05	-8.541e+05	-2.541e+05

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.152e+04	-746.84	-1562.03	-9.471e+05	-1.223e+06	-4.230e+05
			-1.289e+04	4470.91	-535.38	1.051e+05	1.591e+06	-1.497e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
30	3	0.0	-2.599e+04	-1.303e+04	-847.01	1.412e+07	-1.815e+05	1.027e+05
30	3	209.00	-7333.87	-1.111e+04	-1.374e+04	-8.446e+06	9.288e+04	1.660e+05
30	3	418.00	-1.638e+04	5776.36	423.52	2.360e+06	-1.870e+04	2.088e+05
30	7	0.0	-1.962e+04	-9858.11	-613.02	1.073e+07	-1.355e+05	7.711e+04
30	7	209.00	-5473.67	-8440.61	-1.021e+04	-6.326e+06	6.969e+04	1.246e+05
30	7	418.00	-1.215e+04	4315.70	393.50	1.800e+06	-1.371e+04	1.600e+05
30	11	0.0	-2.619e+04	-1.317e+04	-876.06	1.431e+07	-1.810e+05	9.883e+04
30	11	209.00	-7595.37	-1.104e+04	-1.342e+04	-8.436e+06	8.836e+04	1.586e+05
30	11	418.00	-1.669e+04	5756.26	432.72	2.439e+06	-2.114e+04	2.052e+05
30	122	0.0	-2.147e+04	-1.191e+04	-385.14	1.156e+07	-1.434e+05	8.332e+04
30	122	209.00	-6239.93	-1.185e+04	-9729.52	-5.860e+06	7.605e+04	1.239e+05
30	122	418.00	-1.108e+04	1595.67	684.66	2.385e+06	1.319e+04	1.510e+05
30	124	0.0	-1.778e+04	-7955.24	-750.20	1.031e+07	-1.256e+05	6.199e+04
30	124	209.00	-5087.97	-4904.86	-9691.04	-6.341e+06	5.428e+04	1.044e+05
30	124	418.00	-1.306e+04	6687.95	286.17	1.511e+06	-3.806e+04	1.590e+05
30	126	0.0	-2.148e+04	-1.190e+04	-391.73	1.159e+07	-1.437e+05	8.283e+04
30	126	209.00	-6234.10	-1.182e+04	-9740.81	-5.850e+06	7.571e+04	1.236e+05
30	126	418.00	-1.109e+04	1627.42	674.37	2.395e+06	1.298e+04	1.506e+05
30	128	0.0	-1.779e+04	-7941.91	-756.79	1.034e+07	-1.258e+05	6.150e+04
30	128	209.00	-5082.15	-4874.26	-9702.33	-6.330e+06	5.394e+04	1.041e+05
30	128	418.00	-1.308e+04	6719.71	275.88	1.522e+06	-3.827e+04	1.587e+05
30	154	0.0	-2.102e+04	-1.145e+04	-436.10	1.141e+07	-1.404e+05	8.020e+04
30	154	209.00	-6109.75	-1.103e+04	-9645.98	-5.922e+06	7.275e+04	1.209e+05
30	154	418.00	-1.132e+04	2177.29	639.65	2.275e+06	6436.61	1.517e+05
30	156	0.0	-1.817e+04	-8388.45	-718.50	1.044e+07	-1.266e+05	6.371e+04
30	156	209.00	-5218.64	-5655.76	-9616.21	-6.294e+06	5.590e+04	1.058e+05
30	156	418.00	-1.285e+04	6116.49	331.39	1.600e+06	-3.321e+04	1.579e+05
30	158	0.0	-2.103e+04	-1.144e+04	-441.20	1.143e+07	-1.406e+05	7.983e+04
30	158	209.00	-6105.25	-1.100e+04	-9654.71	-5.913e+06	7.248e+04	1.207e+05
30	158	418.00	-1.133e+04	2201.85	631.68	2.283e+06	6274.06	1.514e+05
30	160	0.0	-1.818e+04	-8378.13	-723.60	1.046e+07	-1.268e+05	6.333e+04
30	160	209.00	-5214.14	-5632.08	-9624.94	-6.285e+06	5.564e+04	1.056e+05
30	160	418.00	-1.286e+04	6141.06	323.43	1.608e+06	-3.338e+04	1.576e+05

M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-2.619e+04	-1.317e+04	-1.374e+04	-8.446e+06	-1.815e+05	6.150e+04
			-5082.15	6719.71	684.66	1.431e+07	9.288e+04	2.088e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
31	3	418.00	-1.151e+04	1698.50	894.25	-1.278e+06	-4.163e+04	2.164e+05
31	3	690.00	-1.419e+04	1035.30	894.25	159.90	4.236e+04	1.552e+05
31	4	418.00	-1.180e+04	1698.41	918.92	-1.302e+06	-4.438e+04	2.164e+05
31	4	690.00	-1.451e+04	1125.06	918.92	-60.24	4.306e+04	1.545e+05
31	5	418.00	-8086.14	1082.48	677.85	-8.806e+05	-1.603e+04	1.404e+05
31	5	690.00	-1.036e+04	746.32	677.85	-1.933e+04	1.932e+04	9.529e+04
31	9	418.00	-1.187e+04	1506.35	972.35	-1.270e+06	-3.700e+04	1.936e+05
31	9	690.00	-1.483e+04	1299.58	972.35	-1.764e+04	3.325e+04	1.313e+05
31	126	418.00	-8200.89	-673.34	219.01	-7.456e+05	-5.254e+04	1.451e+05
31	126	690.00	-1.070e+04	239.61	219.01	-7.048e+04	2.219e+04	1.007e+05
31	128	418.00	-8534.90	3097.41	1033.44	-9.455e+05	-8443.23	1.635e+05
31	128	690.00	-1.066e+04	1430.26	1033.44	6.238e+04	3.010e+04	1.157e+05
31	134	418.00	-8045.61	684.71	334.71	-6.780e+05	-5.375e+04	1.621e+05
31	134	690.00	-1.069e+04	735.23	334.71	-1.595e+04	2.785e+04	1.161e+05
31	144	418.00	-8182.91	1889.61	598.94	-6.886e+05	-4.207e+04	1.678e+05
31	144	690.00	-1.068e+04	1107.83	598.94	3.539e+04	3.152e+04	1.210e+05
31	158	418.00	-8261.52	-257.29	325.72	-7.864e+05	-4.578e+04	1.462e+05
31	158	690.00	-1.070e+04	365.26	325.72	-5.733e+04	2.268e+04	1.014e+05
31	160	418.00	-8519.90	2659.63	955.74	-9.410e+05	-1.167e+04	1.604e+05
31	160	690.00	-1.066e+04	1286.31	955.74	4.544e+04	2.879e+04	1.130e+05
31	166	418.00	-8141.40	793.25	415.22	-7.341e+05	-4.672e+04	1.593e+05
31	166	690.00	-1.069e+04	748.66	415.22	-1.515e+04	2.706e+04	1.133e+05
31	176	418.00	-8247.61	1725.32	619.62	-7.423e+05	-3.768e+04	1.637e+05
31	176	690.00	-1.068e+04	1036.89	619.62	2.457e+04	2.990e+04	1.171e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-1.483e+04	-673.34	219.01	-1.302e+06	-5.375e+04	9.529e+04
	-8045.61	3097.41	1033.44	6.238e+04	4.306e+04	2.164e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
32	4	-323.00	-2.614e+04	4.62	64.49	-6.872e+06	-3137.40	1.064e+04
32	4	0.0	-1.296e+04	1129.13	64.49	-2.756e+06	-995.61	1.221e+04
32	5	-323.00	-1.804e+04	74.91	37.99	-4.645e+06	-2341.20	5852.59
32	5	0.0	-9021.71	823.59	37.99	-1.800e+06	843.18	9212.73
32	9	-323.00	-2.472e+04	102.41	54.08	-6.400e+06	-3126.36	8805.77
32	9	0.0	-1.230e+04	1122.58	54.08	-2.514e+06	463.49	1.244e+04
32	11	-323.00	-2.581e+04	42.35	61.27	-6.750e+06	-3143.25	1.013e+04
32	11	0.0	-1.281e+04	1135.02	61.27	-2.694e+06	-537.33	1.236e+04
32	115	-323.00	-1.813e+04	-134.55	40.33	-4.833e+06	-3550.77	7872.87
32	115	0.0	-9329.11	626.80	40.33	-1.912e+06	-453.90	9856.94
32	125	-323.00	-1.951e+04	421.26	44.32	-4.898e+06	-1072.59	5821.14
32	125	0.0	-9405.51	1158.46	44.32	-1.923e+06	880.13	9067.98
32	128	-323.00	-1.806e+04	-322.25	40.11	-4.857e+06	-3668.70	7584.16
32	128	0.0	-9311.33	521.45	40.11	-1.906e+06	-366.85	9506.54
32	137	-323.00	-1.905e+04	590.69	40.52	-4.804e+06	-1890.54	6099.66
32	137	0.0	-9379.50	1234.09	40.52	-1.920e+06	841.70	9105.53
32	147	-323.00	-1.828e+04	-92.88	40.76	-4.843e+06	-3283.55	7607.89
32	147	0.0	-9335.74	675.06	40.76	-1.913e+06	-293.01	9727.94
32	157	-323.00	-1.935e+04	337.08	43.84	-4.893e+06	-1366.52	6020.75
32	157	0.0	-9394.85	1086.34	43.84	-1.921e+06	738.95	9117.63
32	160	-323.00	-1.822e+04	-238.07	40.59	-4.861e+06	-3374.77	7384.56
32	160	0.0	-9322.00	593.57	40.59	-1.908e+06	-225.67	9456.89
32	169	-323.00	-1.899e+04	468.15	40.91	-4.820e+06	-1999.25	6236.20
32	169	0.0	-9374.72	1144.85	40.91	-1.919e+06	709.22	9146.68

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.614e+04	-322.25	37.99	-6.872e+06	-3668.70	5821.14
	-9021.71	1234.09	64.49	-1.800e+06	880.13	1.244e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
33	4	-323.00	-2.078e+04	-3389.77	60.40	-7.657e+05	-1334.80	-6384.56
33	4	0.0	-1.381e+04	-7915.42	60.40	-1.378e+06	-5819.67	-1.095e+04
33	5	-323.00	-1.406e+04	-2040.11	38.79	-4.987e+05	-586.07	-4308.40
33	5	0.0	-9360.19	-5101.21	38.79	-9.075e+05	-3963.16	-7461.19
33	114	-323.00	-1.515e+04	-2741.09	37.77	-4.386e+05	-1327.93	-3981.45
33	114	0.0	-1.028e+04	-6801.19	37.77	-1.021e+06	-4693.94	-7268.27
33	122	-323.00	-1.514e+04	-2845.11	36.58	-4.276e+05	-1353.96	-4060.65
33	122	0.0	-1.031e+04	-6890.79	36.58	-1.025e+06	-4644.40	-7364.38
33	127	-323.00	-1.439e+04	-1654.72	46.89	-6.350e+05	-107.76	-5019.43
33	127	0.0	-9331.46	-4042.37	46.89	-9.024e+05	-3697.71	-8290.32
33	139	-323.00	-1.464e+04	-2052.72	46.71	-5.539e+05	138.09	-5702.98
33	139	0.0	-9589.68	-5005.36	46.71	-9.374e+05	-4679.64	-9557.19
33	146	-323.00	-1.506e+04	-2629.28	38.64	-4.597e+05	-1196.08	-4105.14
33	146	0.0	-1.018e+04	-6498.11	38.64	-1.008e+06	-4570.76	-7390.92
33	154	-323.00	-1.506e+04	-2709.74	37.72	-4.513e+05	-1216.22	-4166.41
33	154	0.0	-1.020e+04	-6567.42	37.72	-1.011e+06	-4532.44	-7465.26
33	159	-323.00	-1.447e+04	-1788.90	45.69	-6.117e+05	-252.21	-4908.09
33	159	0.0	-9442.05	-4363.99	45.69	-9.162e+05	-3800.11	-8181.54
33	171	-323.00	-1.467e+04	-2096.78	45.55	-5.489e+05	-62.02	-5436.86
33	171	0.0	-9641.81	-5108.92	45.55	-9.433e+05	-4559.70	-9161.54

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.078e+04	-7915.42	36.58	-1.378e+06	-5819.67	-1.095e+04
	-9331.46	-1654.72	60.40	-4.276e+05	138.09	-3981.45

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
34	3	-323.00	-4.280e+04	3944.18	-61.50	1.938e+06	-4.435e+04	-6270.18
34	3	0.0	-2.955e+04	6418.11	-61.50	1.308e+06	-6.680e+04	7625.02
34	4	-323.00	-4.301e+04	3939.39	-61.05	1.931e+06	-4.437e+04	-6149.12
34	4	0.0	-2.969e+04	6371.41	-61.05	1.312e+06	-6.713e+04	7637.10
34	5	-323.00	-2.956e+04	3534.15	-41.03	1.522e+06	-2.715e+04	-2317.96
34	5	0.0	-2.050e+04	4984.17	-41.03	1.075e+06	-4.535e+04	4816.21
34	123	-323.00	-3.050e+04	4298.11	-48.31	1.384e+06	-3.095e+04	-3367.71
34	123	0.0	-2.121e+04	6928.34	-48.31	1.081e+06	-4.792e+04	3059.65
34	127	-323.00	-3.048e+04	4300.93	-47.70	1.387e+06	-3.073e+04	-3143.33
34	127	0.0	-2.121e+04	6928.67	-47.70	1.086e+06	-4.797e+04	3057.25
34	142	-323.00	-3.124e+04	2955.28	-51.20	1.471e+06	-3.231e+04	-2256.26
34	142	0.0	-2.143e+04	4203.21	-51.20	9.935e+05	-4.690e+04	9529.87
34	155	-323.00	-3.058e+04	4083.84	-47.13	1.413e+06	-3.066e+04	-3323.59
34	155	0.0	-2.124e+04	6481.06	-47.13	1.075e+06	-4.786e+04	3544.69
34	159	-323.00	-3.057e+04	4086.02	-46.67	1.415e+06	-3.049e+04	-3150.02
34	159	0.0	-2.125e+04	6481.32	-46.67	1.078e+06	-4.790e+04	3542.83
34	174	-323.00	-3.115e+04	3045.08	-49.37	1.479e+06	-3.171e+04	-2463.81
34	174	0.0	-2.141e+04	4373.01	-49.37	1.007e+06	-4.707e+04	8549.81

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-4.301e+04	2955.28	-61.50	9.935e+05	-6.713e+04	-6270.18
	-2.050e+04	6928.67	-41.03	1.938e+06	-2.715e+04	9529.87

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
35	3	0.0	-5576.80	-1.033e+04	217.19	4.152e+05	1.547e+04	-8.695e+04
35	3	418.00	-1.136e+04	-957.34	217.19	3.043e+05	6133.08	-9.866e+04
35	4	0.0	-5585.94	-1.032e+04	217.64	4.159e+05	1.551e+04	-8.685e+04
35	4	418.00	-1.136e+04	-958.57	217.64	3.045e+05	6145.67	-9.853e+04
35	5	0.0	-3759.19	-6149.22	150.46	2.617e+05	1.071e+04	-5.554e+04
35	5	418.00	-7672.67	-553.54	150.46	2.688e+05	3778.39	-6.178e+04
35	120	0.0	-3982.18	-6741.68	217.54	2.648e+05	1.310e+04	-6.835e+04
35	120	418.00	-8062.44	-290.66	217.54	2.595e+05	6220.35	-7.675e+04
35	126	0.0	-3897.10	-6756.23	108.11	2.964e+05	9728.07	-5.186e+04
35	126	418.00	-8034.46	-890.15	108.11	2.558e+05	2575.92	-5.803e+04
35	137	0.0	-3969.80	-6924.45	130.81	2.916e+05	1.031e+04	-5.640e+04
35	137	418.00	-8080.12	-778.23	130.81	2.516e+05	3210.58	-6.338e+04
35	143	0.0	-3995.33	-6920.09	163.64	2.821e+05	1.132e+04	-6.134e+04
35	143	418.00	-8088.52	-598.38	163.64	2.527e+05	4303.90	-6.899e+04
35	152	0.0	-3975.90	-6754.60	203.75	2.689e+05	1.266e+04	-6.638e+04
35	152	418.00	-8061.91	-365.28	203.75	2.588e+05	5745.90	-7.451e+04
35	158	0.0	-3910.09	-6765.86	119.11	2.933e+05	1.005e+04	-5.362e+04
35	158	418.00	-8040.26	-829.02	119.11	2.559e+05	2926.70	-6.003e+04
35	169	0.0	-3966.33	-6895.99	136.66	2.896e+05	1.050e+04	-5.713e+04
35	169	418.00	-8075.58	-742.44	136.66	2.526e+05	3417.65	-6.417e+04
35	175	0.0	-3986.07	-6892.61	162.06	2.823e+05	1.128e+04	-6.096e+04
35	175	418.00	-8082.07	-603.32	162.06	2.535e+05	4263.41	-6.851e+04

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-1.136e+04	-1.033e+04	108.11	2.516e+05	2575.92	-9.866e+04
	-3759.19	-290.66	217.64	4.159e+05	1.551e+04	-5.186e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
36	4	0.0	-2.634e+04	6392.79	1821.96	1.048e+06	-5.393e+05	1.325e+05
36	4	418.00	-1.323e+04	7204.04	1821.96	3.085e+05	3.394e+05	2.387e+04
36	5	0.0	-1.876e+04	4002.84	1067.85	6.989e+05	-3.229e+05	8.304e+04
36	5	418.00	-9409.93	4693.79	1067.85	2.758e+05	2.077e+05	1.452e+04

36	120	0.0	-1.896e+04	4888.53	1266.72	7.258e+05	-3.907e+05	1.192e+05
36	120	418.00	-9665.58	5124.14	1266.72	2.443e+05	2.391e+05	3.237e+04
36	137	0.0	-1.978e+04	5162.85	1178.89	6.939e+05	-3.484e+05	7.600e+04
36	137	418.00	-9726.14	5668.52	1178.89	2.395e+05	2.254e+05	6290.66
36	140	0.0	-1.884e+04	3502.97	1198.33	7.802e+05	-3.639e+05	1.039e+05
36	140	418.00	-9650.70	4331.83	1198.33	2.840e+05	2.287e+05	2.559e+04
36	143	0.0	-1.967e+04	5674.89	1231.50	6.852e+05	-3.699e+05	8.942e+04
36	143	418.00	-9725.27	5890.18	1231.50	2.230e+05	2.332e+05	1.214e+04
36	152	0.0	-1.904e+04	4762.72	1249.03	7.284e+05	-3.828e+05	1.126e+05
36	152	418.00	-9670.75	5096.07	1249.03	2.482e+05	2.363e+05	2.865e+04
36	169	0.0	-1.968e+04	4974.92	1181.09	7.037e+05	-3.502e+05	7.916e+04
36	169	418.00	-9717.60	5517.19	1181.09	2.445e+05	2.258e+05	8475.88
36	172	0.0	-1.895e+04	3690.90	1196.13	7.704e+05	-3.622e+05	1.007e+05
36	172	418.00	-9659.24	4483.17	1196.13	2.789e+05	2.283e+05	2.341e+04
36	175	0.0	-1.959e+04	5371.02	1221.79	6.969e+05	-3.668e+05	8.954e+04
36	175	418.00	-9716.93	5688.65	1221.79	2.318e+05	2.318e+05	1.300e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-2.634e+04	3502.97	1067.85	2.230e+05	-5.393e+05	6290.66
	-9409.93	7204.04	1821.96	1.048e+06	3.394e+05	1.325e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
37	7	690.00	-5160.40	740.78	3151.55	6.695e+05	-4.418e+05	7.245e+05
37	7	831.86	-3423.22	8.74	2244.67	9.609e+04	-8.954e+04	3.194e+05
37	7	900.00	-1200.35	-382.68	357.63	7.302e+04	5.055e+04	1.669e+05
37	11	690.00	-7304.40	1023.85	4682.32	9.581e+05	-6.653e+05	1.087e+06
37	11	831.86	-4762.50	6.14	3342.17	1.459e+05	-1.351e+05	4.811e+05
37	11	900.00	-1700.95	-611.49	531.62	1.084e+05	7.548e+04	2.510e+05
37	120	690.00	-5230.81	754.69	3248.47	6.784e+05	-4.688e+05	7.747e+05
37	120	831.86	-3474.97	16.87	2358.73	9.942e+04	-9.542e+04	3.348e+05
37	120	900.00	-1227.64	-405.05	384.71	7.501e+04	5.192e+04	1.732e+05
37	125	690.00	-5353.04	748.26	3417.98	6.976e+05	-4.633e+05	7.302e+05
37	125	831.86	-3517.29	0.82	2297.03	1.021e+05	-9.331e+04	3.373e+05
37	125	900.00	-1236.25	-424.86	355.01	7.688e+04	5.383e+04	1.781e+05
37	139	690.00	-5293.76	921.85	3254.08	7.153e+05	-4.601e+05	7.522e+05
37	139	831.86	-3479.33	110.80	2340.94	1.032e+05	-9.278e+04	3.294e+05
37	139	900.00	-1210.53	-389.81	379.57	7.538e+04	5.291e+04	1.715e+05
37	152	690.00	-5243.67	752.24	3262.06	6.804e+05	-4.680e+05	7.693e+05
37	152	831.86	-3479.63	14.99	2352.89	9.971e+04	-9.517e+04	3.349e+05
37	152	900.00	-1228.72	-407.17	381.59	7.522e+04	5.216e+04	1.737e+05
37	157	690.00	-5338.22	747.27	3393.19	6.953e+05	-4.637e+05	7.349e+05
37	157	831.86	-3512.36	2.58	2305.16	1.018e+05	-9.354e+04	3.368e+05
37	157	900.00	-1235.38	-422.49	358.62	7.666e+04	5.363e+04	1.774e+05
37	171	690.00	-5292.36	881.55	3266.41	7.089e+05	-4.613e+05	7.520e+05
37	171	831.86	-3482.99	87.65	2339.13	1.027e+05	-9.312e+04	3.307e+05
37	171	900.00	-1215.49	-395.38	377.62	7.550e+04	5.292e+04	1.723e+05

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-7304.40	-611.49	355.01	7.302e+04	-6.653e+05	1.669e+05
	-1200.35	1023.85	4682.32	9.581e+05	7.548e+04	1.087e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
38	5	690.00	-1752.93	-4164.24	-255.88	1.218e+05	-4738.06	6.548e+04
38	5	900.00	-789.76	-960.11	-255.88	-4.916e+04	-3793.23	6.304e+04
38	9	690.00	-2586.53	-6187.96	-383.29	1.853e+05	-7008.60	9.768e+04
38	9	900.00	-1099.26	-1404.77	-383.29	-7.488e+04	-5830.88	9.389e+04
38	11	690.00	-2571.59	-6174.86	-391.46	1.845e+05	-6903.90	9.776e+04
38	11	900.00	-1105.87	-1403.40	-391.46	-7.456e+04	-6007.54	9.391e+04
38	122	690.00	-1805.23	-4371.62	-256.44	1.302e+05	-4913.04	6.951e+04
38	122	900.00	-784.87	-1040.87	-256.44	-5.211e+04	-3897.46	6.742e+04
38	125	690.00	-1802.91	-4401.11	-258.06	1.298e+05	-4692.85	6.952e+04
38	125	900.00	-791.51	-1027.73	-258.06	-5.233e+04	-3690.52	6.719e+04

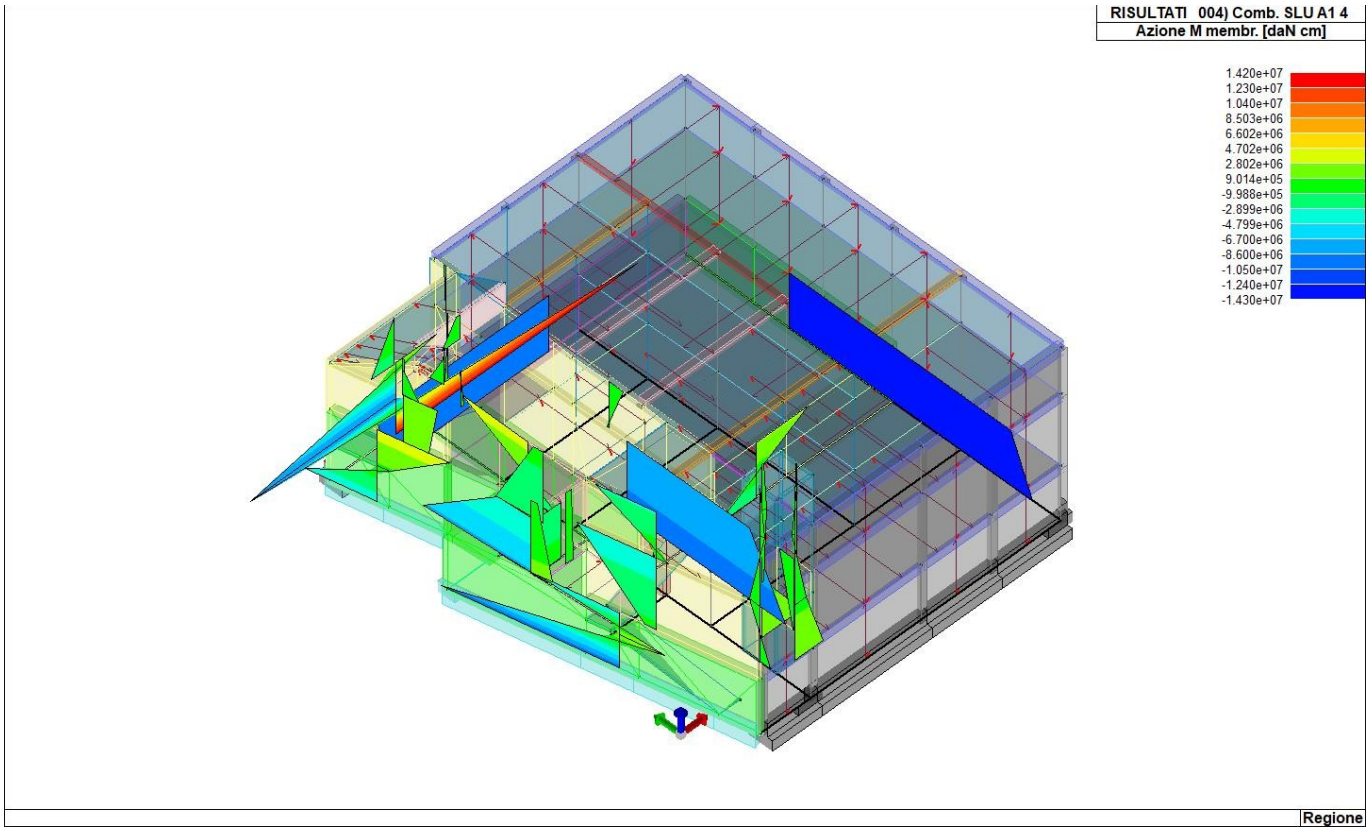
38	128	690.00	-1827.33	-4260.77	-284.58	1.251e+05	-5058.30	6.729e+04
38	128	900.00	-826.05	-962.16	-284.58	-5.060e+04	-4483.10	6.440e+04
38	154	690.00	-1807.47	-4362.41	-259.81	1.296e+05	-4904.56	6.926e+04
38	154	900.00	-790.28	-1030.47	-259.81	-5.196e+04	-3940.33	6.705e+04
38	157	690.00	-1805.68	-4385.22	-261.06	1.292e+05	-4734.23	6.927e+04
38	157	900.00	-795.42	-1020.31	-261.06	-5.213e+04	-3780.25	6.688e+04
38	160	690.00	-1824.57	-4276.66	-281.57	1.256e+05	-5016.93	6.754e+04
38	160	900.00	-822.14	-969.59	-281.57	-5.079e+04	-4393.36	6.472e+04

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-2586.53	-6187.96	-391.46	-7.488e+04	-7008.60	6.304e+04
	-784.87	-960.11	-255.88	1.853e+05	-3690.52	9.776e+04

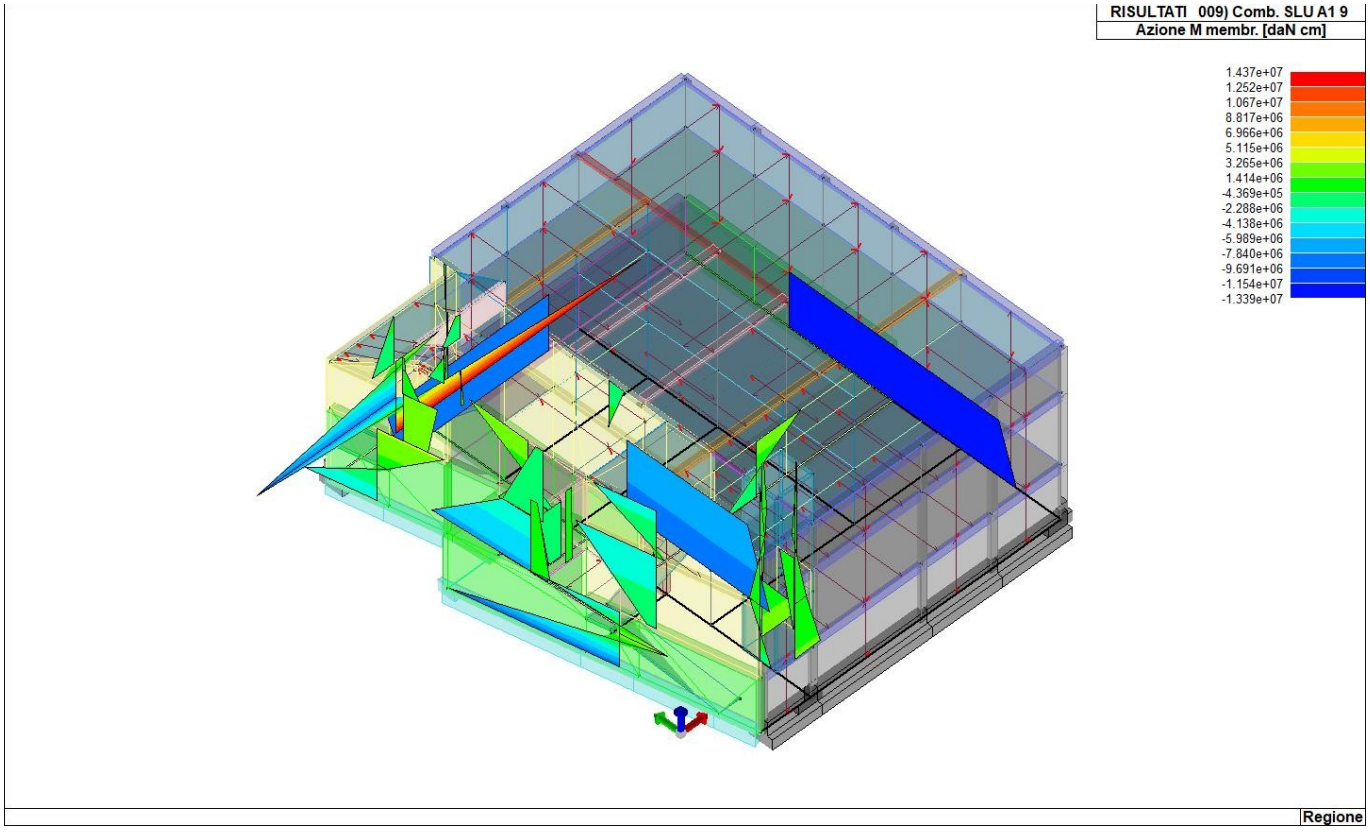
Macro	Tipo	Angolo 1-Z (gradi)
39	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
39	9	690.00	-1016.38	-1004.15	1241.68	-7.463e+05	9.516e+04	2.531e+05
39	9	831.86	-158.60	3621.89	1241.68	-3.200e+04	-1.665e+05	2.722e+05
39	9	900.00	-1117.62	1300.67	-119.53	5.309e+04	-1.202e+04	1.036e+05
39	11	690.00	-1021.49	-1027.74	1251.73	-7.448e+05	9.572e+04	2.542e+05
39	11	831.86	-163.84	3624.61	1251.73	-3.201e+04	-1.677e+05	2.738e+05
39	11	900.00	-1116.84	1302.54	-120.37	5.299e+04	-1.207e+04	1.041e+05
39	12	690.00	-717.41	-714.66	903.35	-5.433e+05	6.928e+04	1.851e+05
39	12	831.86	-119.74	2628.97	903.35	-2.087e+04	-1.211e+05	1.987e+05
39	12	900.00	-836.37	961.19	-86.47	3.830e+04	-8757.52	7.574e+04
39	113	690.00	-671.60	-603.67	856.65	-5.171e+05	6.679e+04	1.730e+05
39	113	831.86	-142.67	2563.43	856.65	-2.124e+04	-1.134e+05	1.855e+05
39	113	900.00	-816.12	944.66	-83.78	3.555e+04	-8137.02	7.177e+04
39	123	690.00	-682.98	-745.84	899.67	-5.098e+05	6.702e+04	1.842e+05
39	123	831.86	-137.01	2474.07	899.67	-1.760e+04	-1.197e+05	1.972e+05
39	123	900.00	-810.38	938.83	-79.08	3.581e+04	-8436.99	7.377e+04
39	125	690.00	-674.95	-613.34	852.04	-5.174e+05	6.665e+04	1.721e+05
39	125	831.86	-145.81	2557.12	852.04	-2.099e+04	-1.131e+05	1.849e+05
39	125	900.00	-818.49	943.87	-86.58	3.589e+04	-8109.30	7.166e+04
39	144	690.00	-690.66	-717.84	843.12	-5.177e+05	6.511e+04	1.788e+05
39	144	831.86	-111.83	2460.97	843.12	-1.762e+04	-1.174e+05	1.930e+05
39	144	900.00	-809.01	898.37	-87.49	3.505e+04	-8849.04	7.346e+04
39	145	690.00	-674.02	-622.31	859.06	-5.166e+05	6.672e+04	1.741e+05
39	145	831.86	-141.01	2550.31	859.06	-2.073e+04	-1.141e+05	1.868e+05
39	145	900.00	-815.58	941.56	-83.87	3.558e+04	-8193.34	7.200e+04
39	155	690.00	-682.82	-732.29	892.34	-5.109e+05	6.689e+04	1.828e+05
39	155	831.86	-136.63	2481.18	892.34	-1.792e+04	-1.190e+05	1.958e+05
39	155	900.00	-811.13	937.05	-80.23	3.578e+04	-8425.39	7.355e+04
39	157	690.00	-676.61	-629.79	855.49	-5.168e+05	6.661e+04	1.734e+05
39	157	831.86	-143.44	2545.43	855.49	-2.054e+04	-1.138e+05	1.863e+05
39	157	900.00	-817.41	940.95	-86.03	3.584e+04	-8171.90	7.192e+04
39	176	690.00	-688.76	-710.63	848.60	-5.171e+05	6.541e+04	1.786e+05
39	176	831.86	-117.15	2471.05	848.60	-1.794e+04	-1.172e+05	1.926e+05
39	176	900.00	-810.08	905.74	-86.73	3.519e+04	-8744.13	7.331e+04

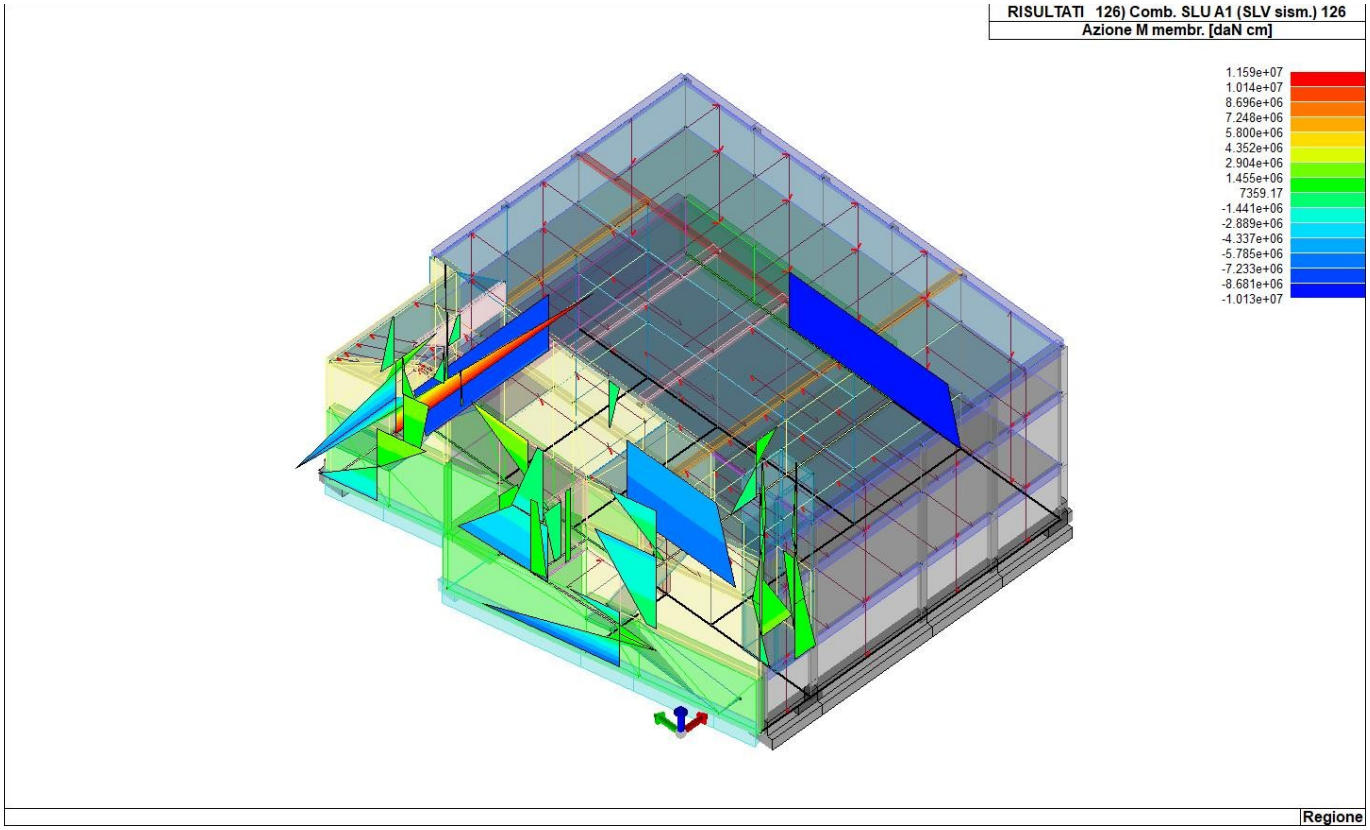
M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1117.62	-1027.74	-120.37	-7.463e+05	-1.677e+05	7.166e+04
	-111.83	3624.61	1251.73	5.309e+04	9.572e+04	2.738e+05



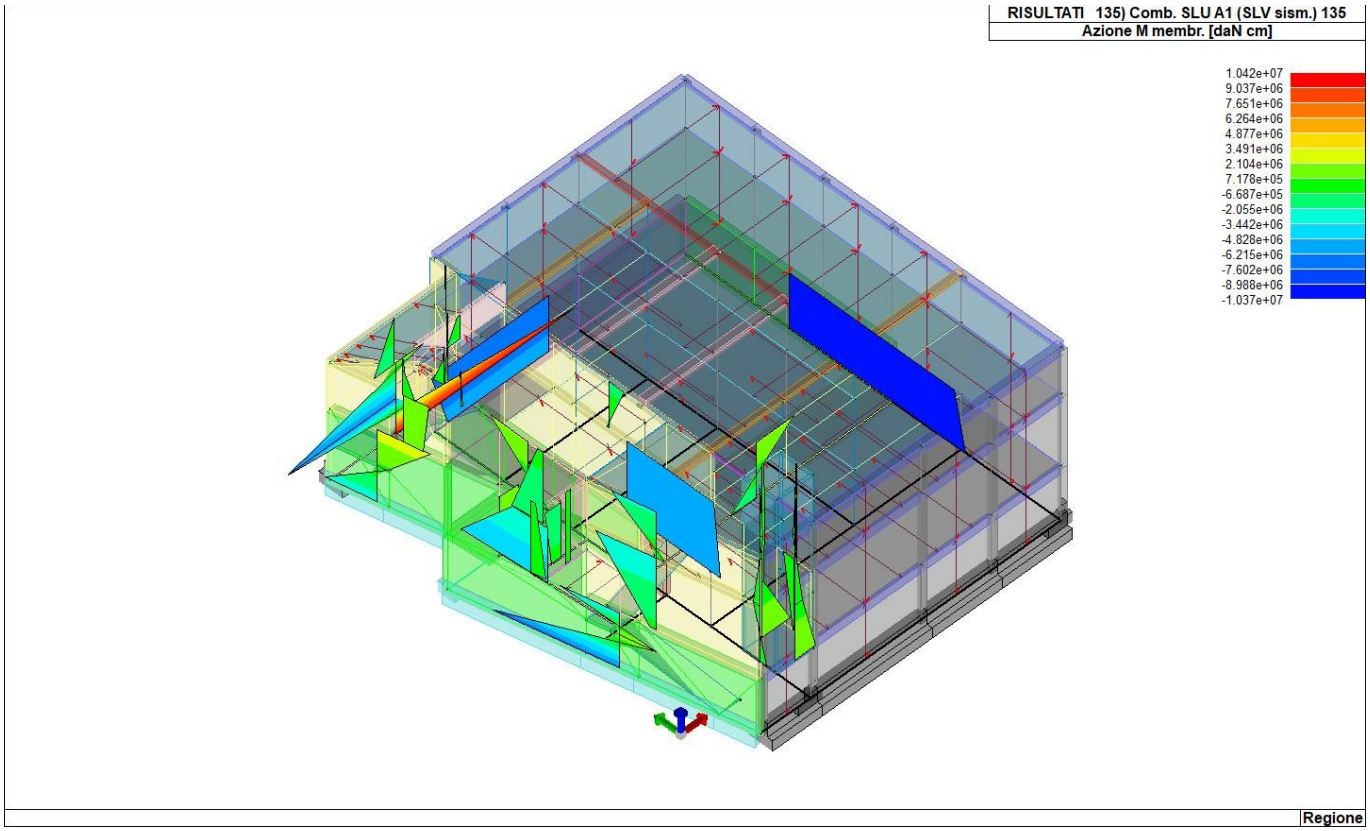
47_RIS_M_004_Comb SLU A1 4



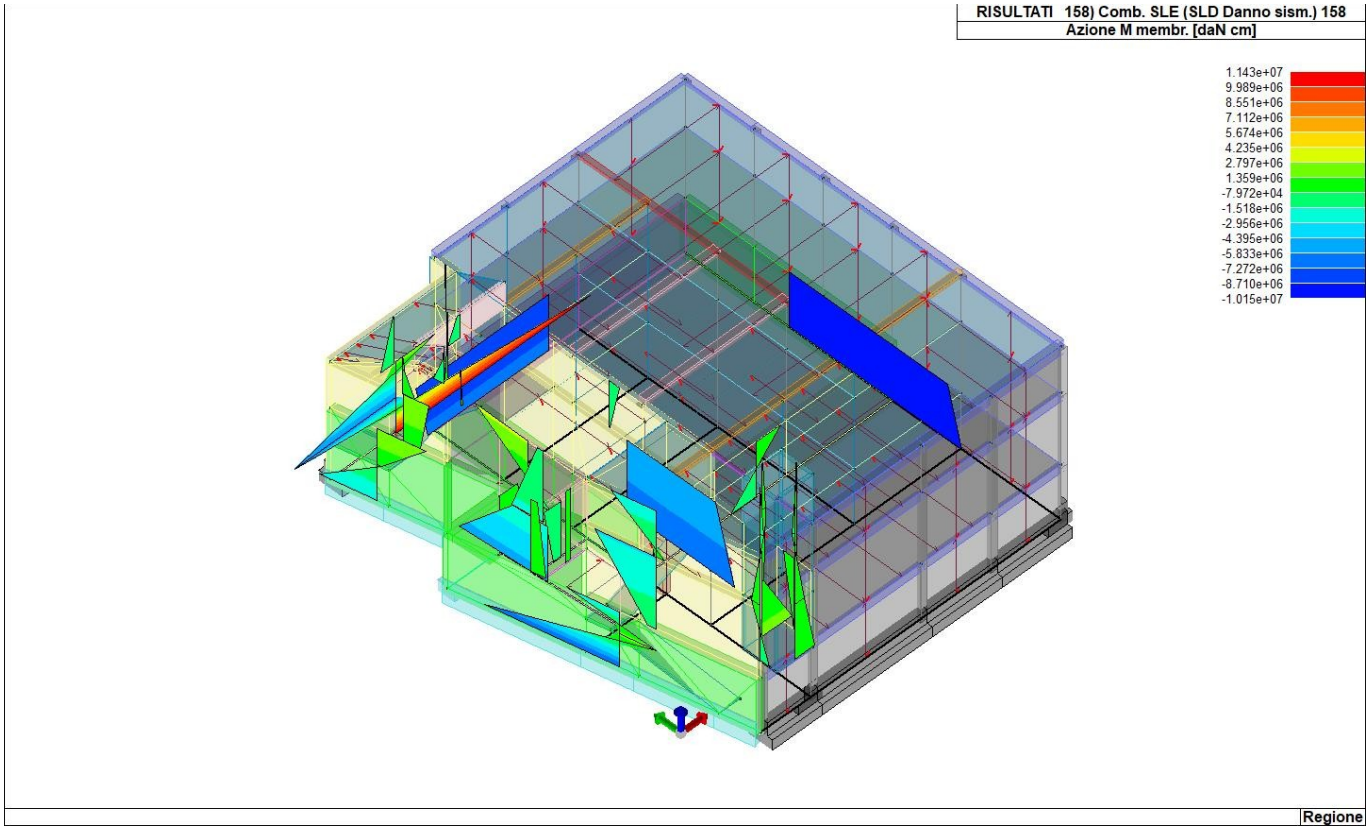
47_RIS_M_009_Comb SLU A1 9



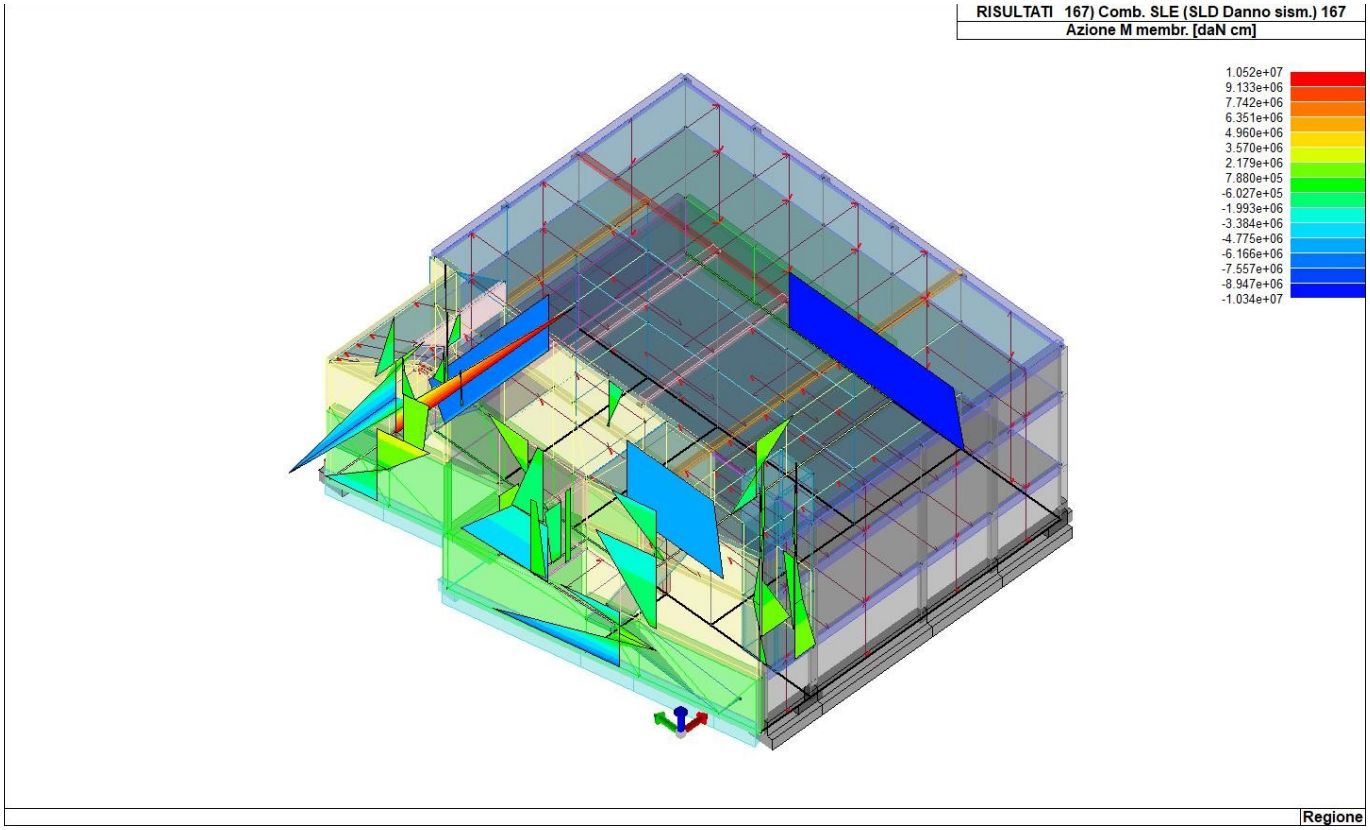
47_RIS_M_126_Comb SLU A1 SLV sism 126



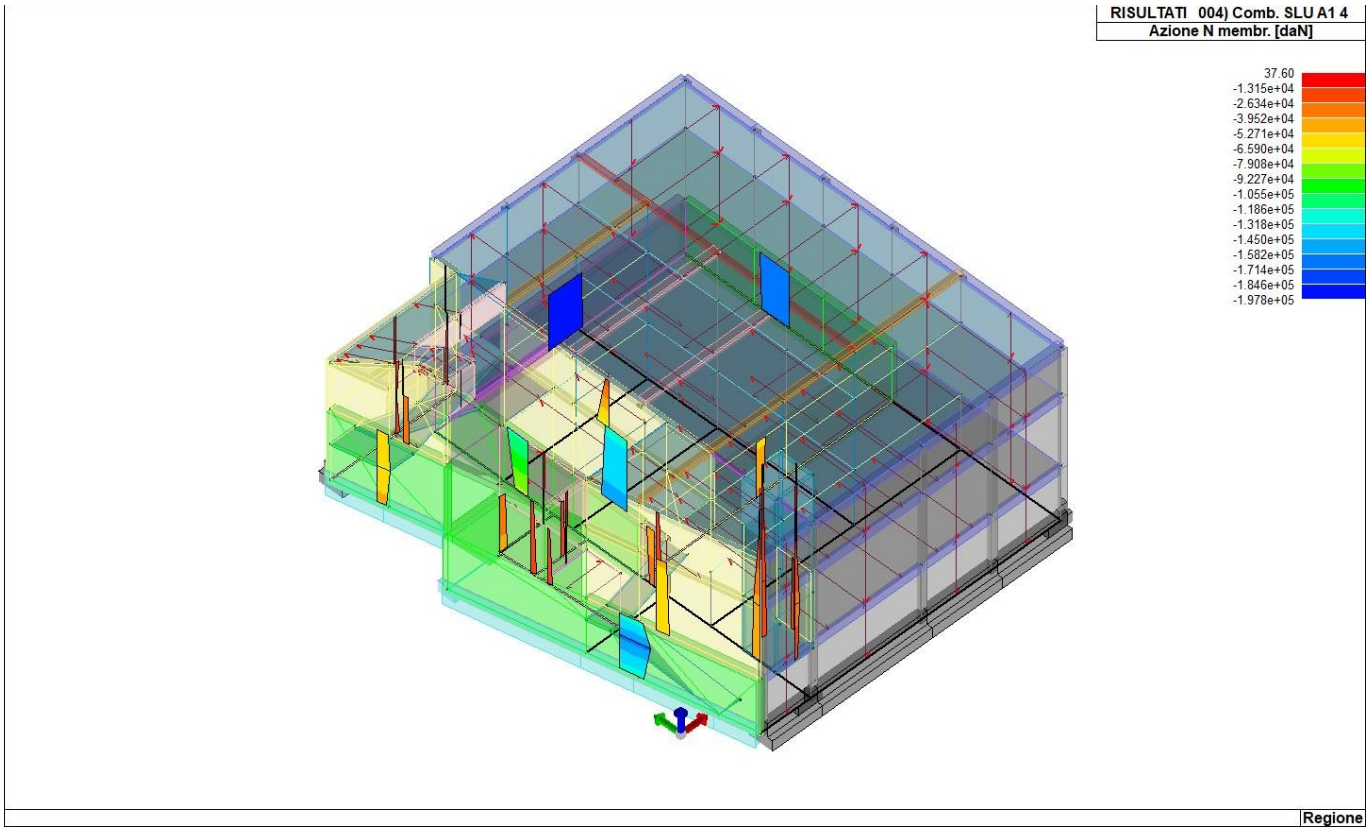
47_RIS_M_135_Comb SLU A1 SLV sism 135



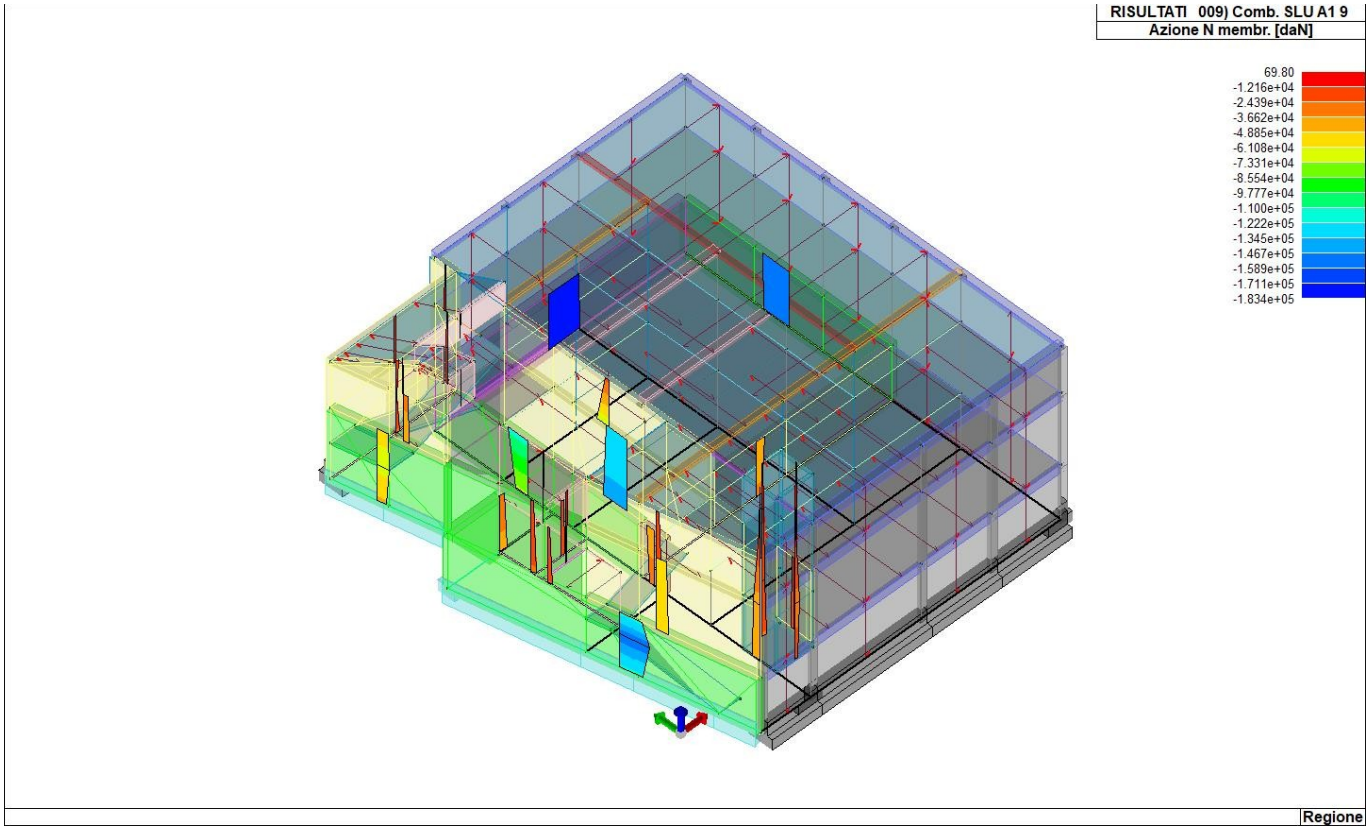
47_RIS_M_158_Comb SLE SLD Danno sism 158



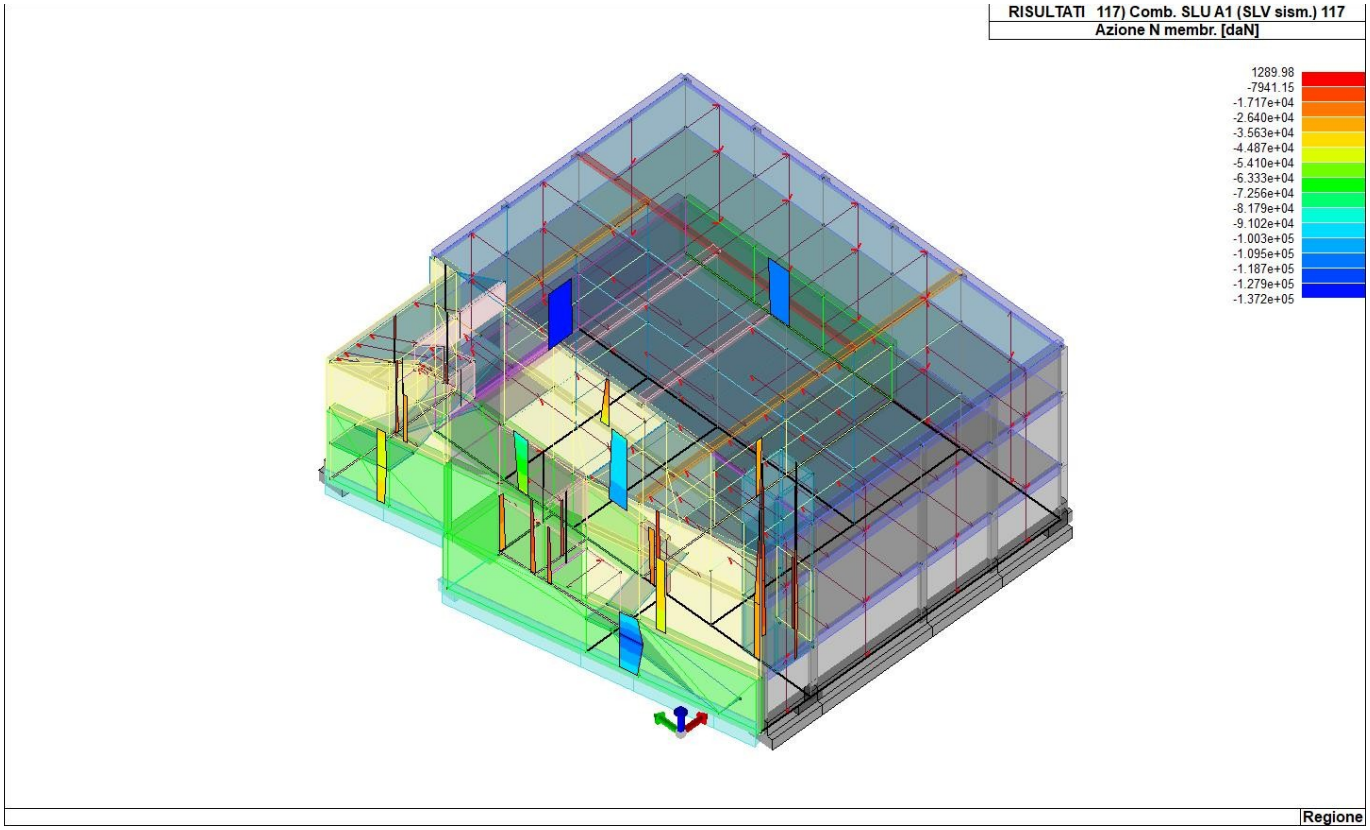
47_RIS_M_167_Comb SLE SLD Danno sism 167



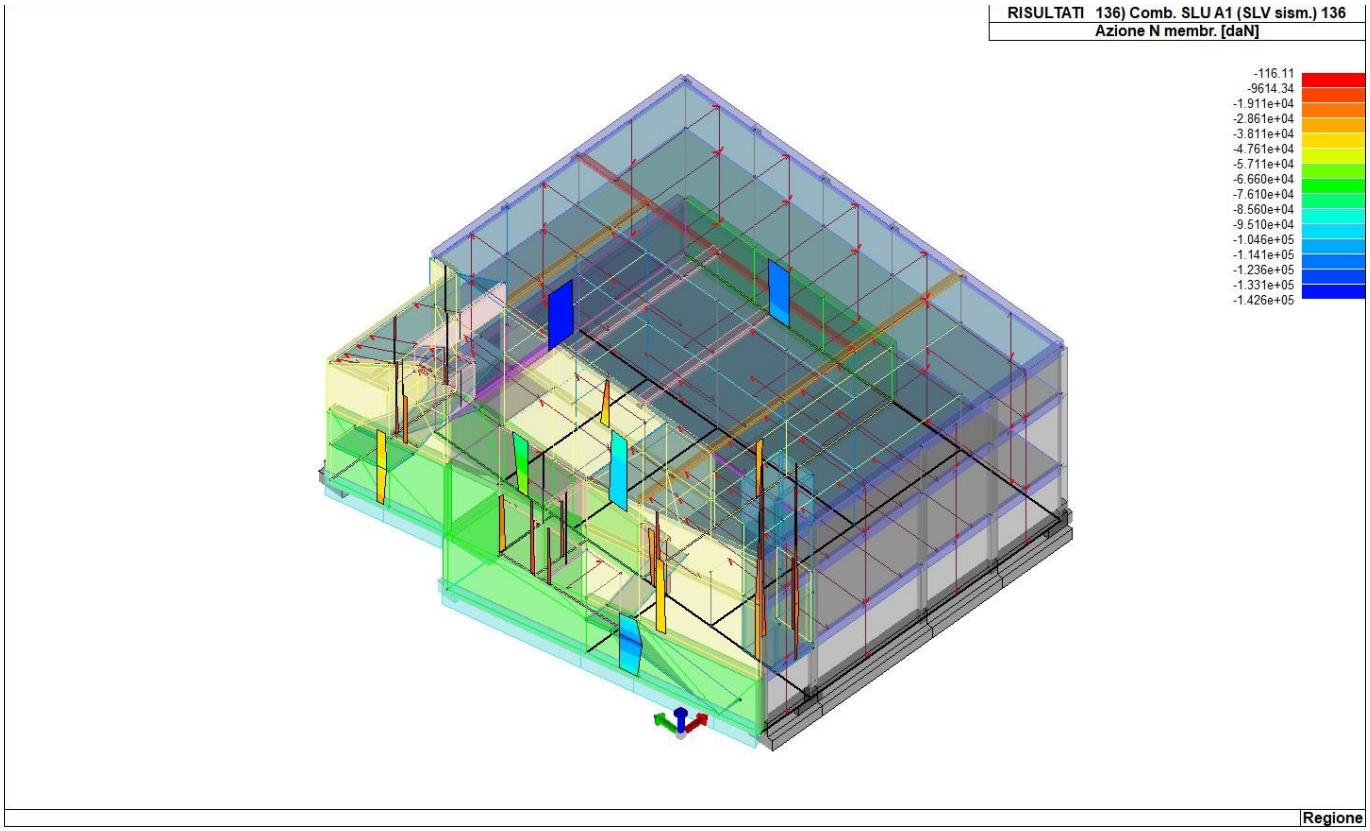
47_RIS_N_004_Comb SLU A1 4



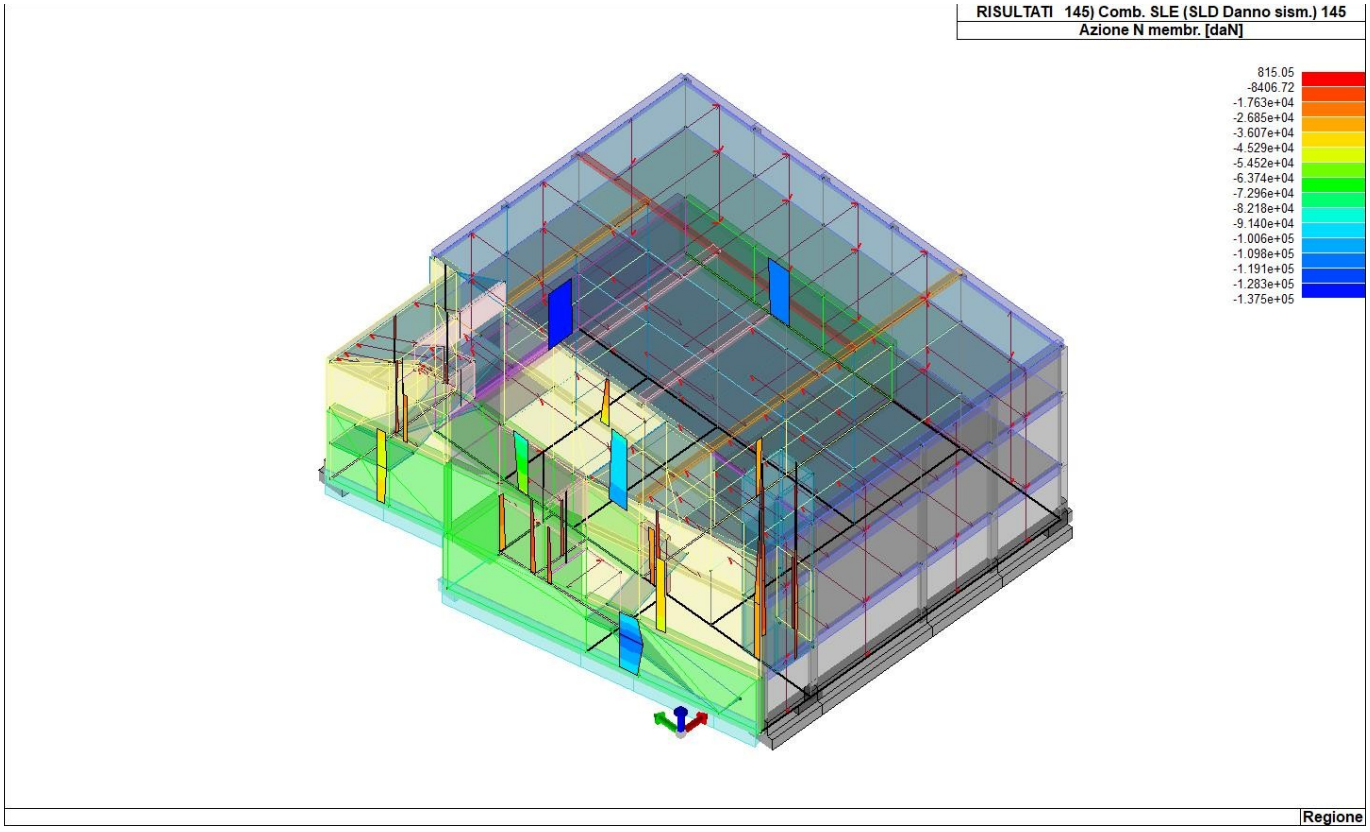
47_RIS_N_009_Comb SLU A1 9



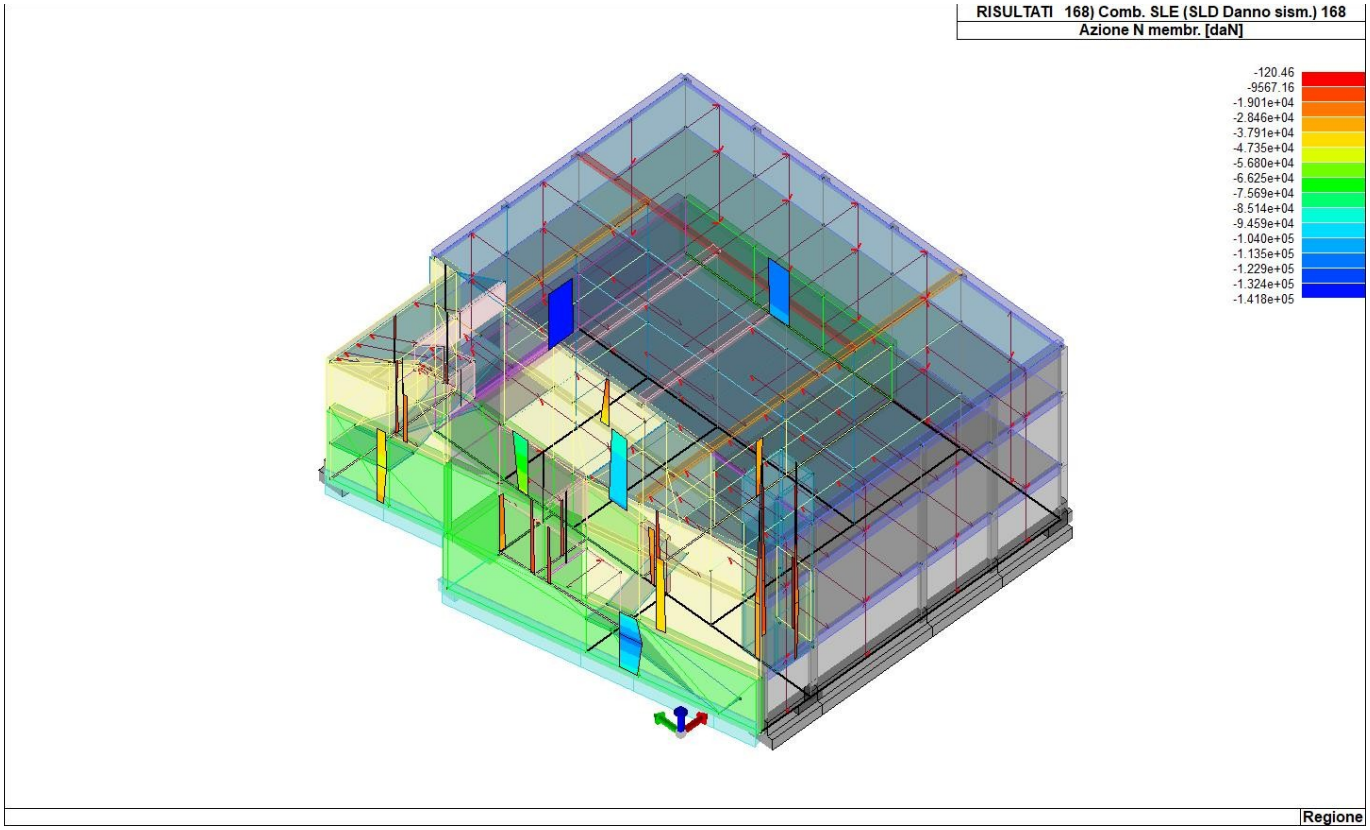
47_RIS_N_117_Comb SLU A1 SLV sism 117



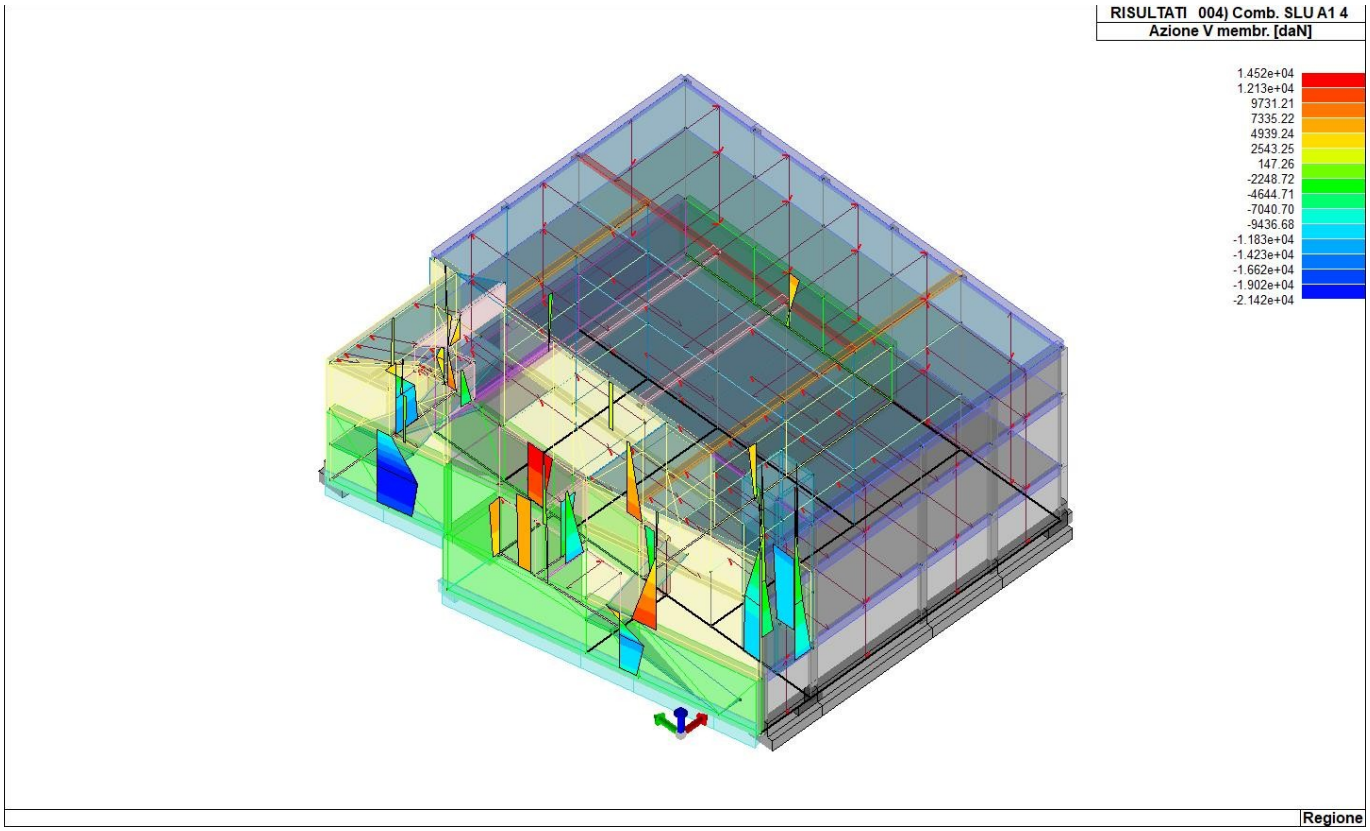
47_RIS_N_136_Comb SLU A1 SLV sism 136



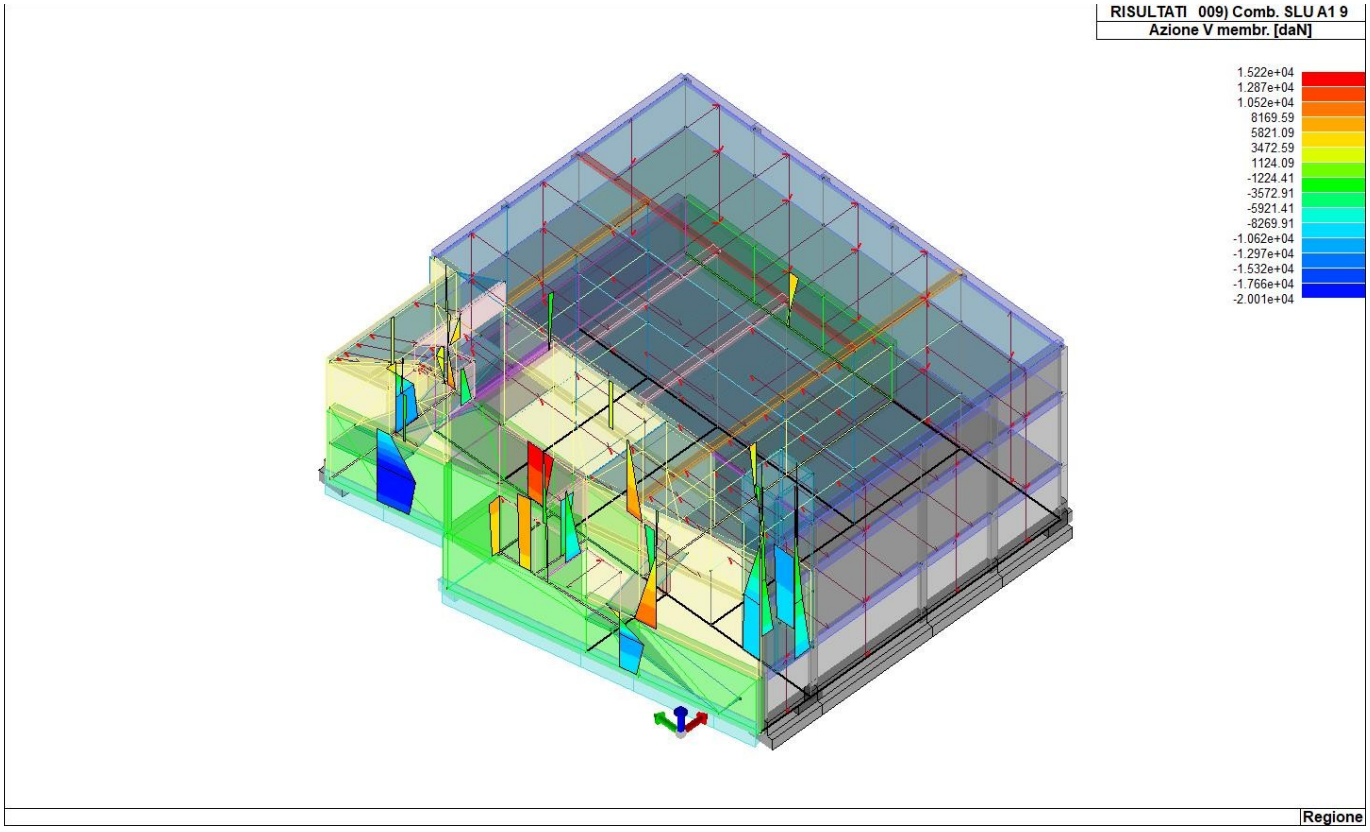
47_RIS_N_145_Comb SLE SLD Danno sism 145



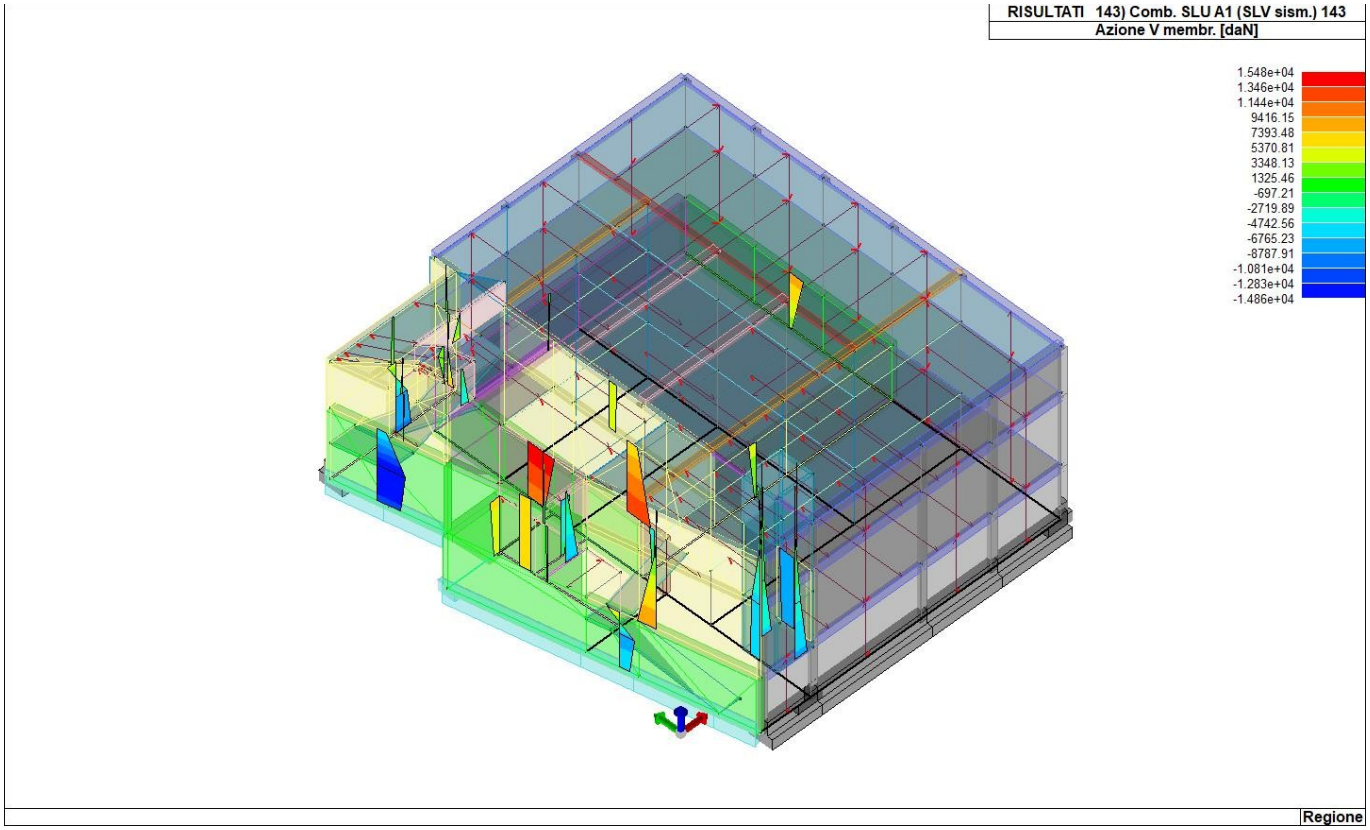
47_RIS_N_168_Comb SLE SLD Danno sism 168



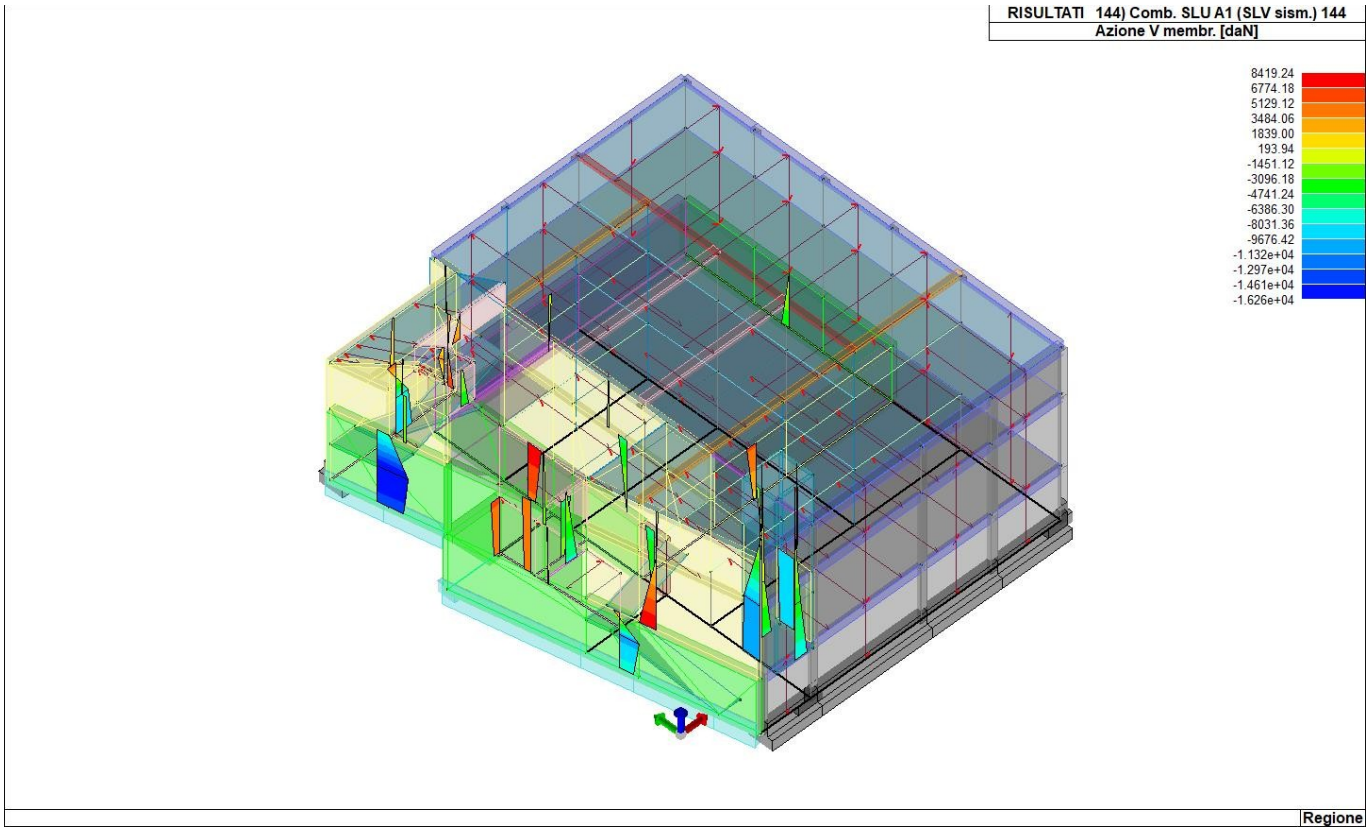
47_RIS_V_004_Comb SLU A1 4



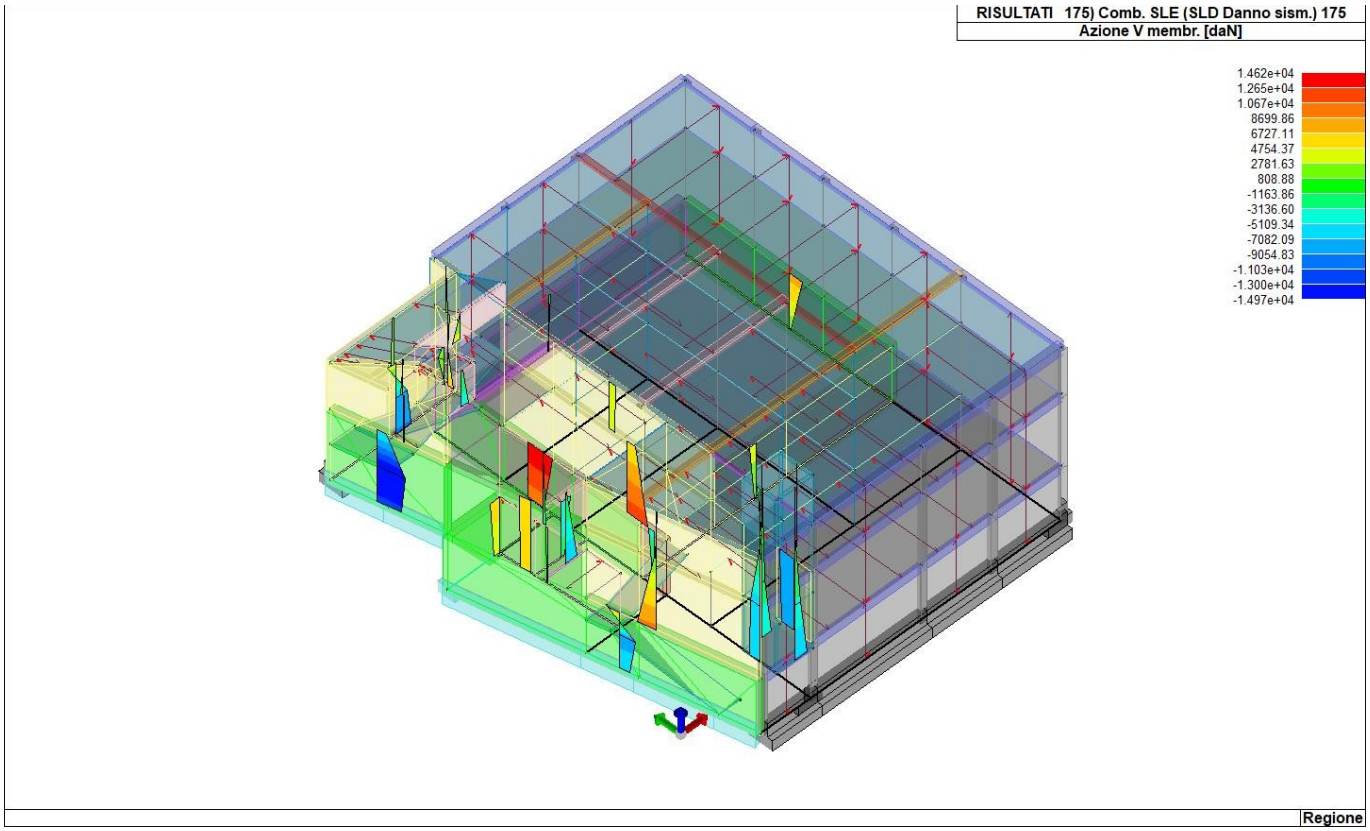
47_RIS_V_009_Comb SLU A1 9



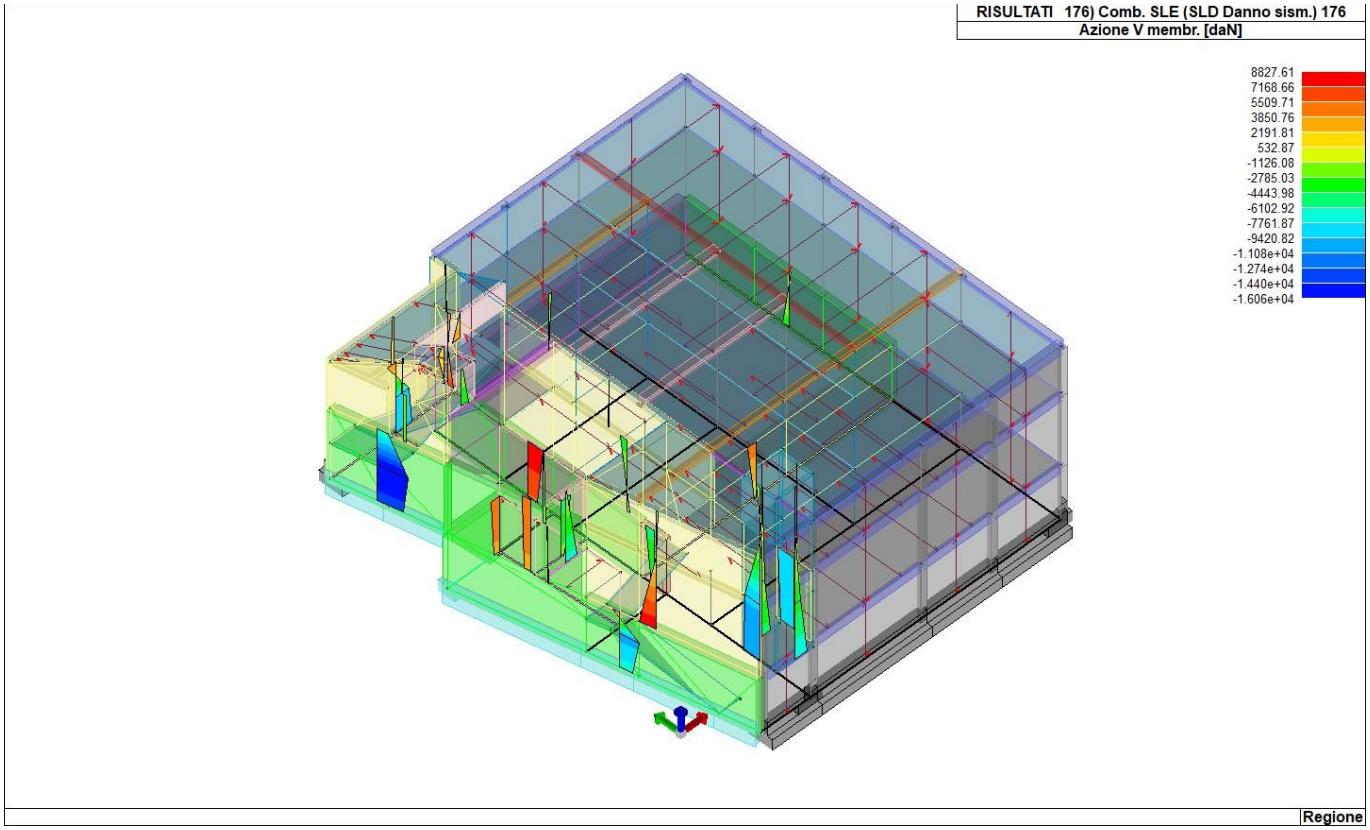
47_RIS_V_143_Comb SLU A1 SLV sism 143



47_RIS_V_144_Comb SLU A1 SLV sism 144



47_RIS_V_175_Comb SLE SLD Danno sism 175



47_RIS_V_176_Comb SLE SLD Danno sism 176

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	12	6.30	-64.58	-52.35	-5.94	26.79	667.58	21.24	666.68	22.14	24.05
1	1	115	130.13	0.71	108.05	22.78	-48.68	1048.43	31.37	1046.33	33.47	46.14
1	1	117	-7.09	-54.69	-38.55	-23.22	22.53	-99.86	-877.41	-876.90	-100.37	19.89
1	1	118	107.88	-12.08	97.24	-1.44	-34.10	-29.56	-432.45	-426.98	-35.03	-46.62
1	3	12	3.34	-73.17	-63.12	-6.71	25.84	651.30	20.43	650.42	21.32	23.61
1	3	115	140.61	3.74	118.10	26.26	-50.74	1063.18	33.07	1061.07	35.19	46.65
1	3	117	-13.93	-61.27	-48.38	-26.82	21.07	-101.77	-876.37	-875.80	-102.34	20.92
1	3	118	117.17	-11.38	106.90	-1.11	-34.84	-27.70	-403.09	-398.08	-32.71	-43.08
1	120	12	-4.77	-112.05	-108.25	-8.57	19.84	757.07	36.46	756.88	36.64	11.63
1	120	115	168.76	8.22	155.48	21.50	-44.22	1089.07	50.91	1088.60	51.39	22.22
1	120	117	0.67	-35.16	-16.70	-17.79	17.91	-109.61	-805.18	-805.12	-109.68	6.73
1	120	118	82.05	-14.77	68.05	-0.77	-34.05	-49.67	-443.85	-434.97	-58.56	-58.52
1	152	12	-3.20	-97.41	-92.95	-7.67	20.01	701.99	31.96	701.73	32.22	13.24
1	152	115	153.00	6.83	139.23	20.60	-42.70	1025.43	45.06	1024.78	45.71	25.17
1	152	117	-0.91	-36.52	-19.63	-17.80	17.78	-102.31	-775.81	-775.70	-102.42	8.72
1	152	118	82.18	-13.41	69.61	-0.85	-32.30	-43.66	-418.52	-410.75	-51.43	-53.41

M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-112.05	-108.25	-26.82	-50.74		-877.41	-876.90	-109.68	-58.52
			168.76		155.48	26.26	26.79	1089.07		1088.60	51.39	46.65

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	4	116	103.45	-9.07	86.75	7.63	-40.00	-37.83	-329.01	-200.50	-166.34	-144.59
2	4	117	9.30	-57.28	-34.26	-13.72	-31.67	-161.30	-961.89	-570.49	-552.70	-400.20
2	4	118	102.72	-5.30	86.07	11.35	39.00	322.67	-352.37	-304.57	274.86	-173.16
2	4	119	49.71	-69.06	-42.34	22.99	49.60	348.73	197.53	334.40	211.86	44.29
2	9	116	93.42	-8.73	78.23	6.46	-36.35	-15.72	-282.74	-154.41	-144.05	-133.41
2	9	117	7.37	-54.49	-31.90	-15.21	-29.79	-152.26	-939.67	-568.13	-523.79	-393.08
2	9	118	96.64	-5.08	80.40	11.15	37.25	299.54	-375.23	-337.45	261.75	-155.15
2	9	119	48.25	-60.78	-35.61	23.08	45.94	359.59	184.77	335.85	208.50	59.88
2	113	116	57.50	-10.21	47.11	0.18	-24.40	124.63	-134.40	82.34	-92.11	-95.74
2	113	117	-2.73	-23.75	-21.42	-5.06	-6.60	-118.03	-648.57	-390.66	-375.94	-265.16
2	113	118	69.00	-3.18	57.43	8.39	26.48	238.50	-136.63	-104.83	206.70	-104.48
2	113	119	36.68	-37.38	-22.40	21.70	29.74	470.13	201.98	465.01	207.11	36.73
2	120	116	87.64	-3.23	74.55	9.86	-31.91	-81.39	-384.35	-336.33	-129.42	-110.65
2	120	117	17.05	-63.53	-27.50	-18.98	-40.06	-111.49	-797.01	-482.44	-426.07	-341.60
2	120	118	80.07	-4.48	66.70	8.89	30.85	222.07	-448.33	-420.42	194.16	-133.91
2	120	119	38.04	-56.73	-32.71	14.02	41.22	139.83	5.76	36.09	109.51	56.09
2	145	116	60.93	-9.39	50.23	1.31	-25.26	86.76	-148.22	34.86	-96.32	-97.48
2	145	117	-1.39	-27.33	-22.11	-6.61	-10.40	-117.29	-665.23	-400.94	-381.59	-273.80
2	145	118	70.27	-3.34	58.50	8.43	26.98	236.15	-171.29	-140.41	205.27	-107.83
2	145	119	36.78	-39.58	-23.58	20.78	31.07	423.07	189.39	416.40	196.06	38.89
2	152	116	84.25	-3.99	71.46	8.80	-31.07	-70.74	-343.45	-289.01	-125.18	-109.01
2	152	117	14.49	-58.68	-26.81	-17.38	-36.28	-112.22	-780.07	-471.94	-420.36	-332.93
2	152	118	78.83	-4.35	65.67	8.82	30.36	223.62	-412.58	-384.54	195.57	-130.60
2	152	119	37.84	-54.56	-31.56	14.84	39.95	159.37	45.79	84.61	120.55	53.88

M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-69.06	-42.34	-18.98	-40.06		-961.89	-570.49	-552.70	-400.20
			103.45		86.75	23.08	49.60	470.13		465.01	274.86	59.88

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	134	32.93	-24.26	30.63	-21.96	-11.23	258.98	-66.69	214.24	-21.95	112.10
4	1	135	18.20	-21.12	14.44	-17.36	-11.57	10.73	-225.47	-217.32	2.58	-43.10
4	1	136	22.66	3.02	10.77	14.91	9.60	4.91	-281.56	-278.60	1.96	28.94
4	1	144	33.52	-24.16	-23.65	33.01	5.41	223.30	-50.69	206.07	-33.47	-66.50
4	120	134	21.17	-25.30	19.71	-23.83	-8.11	251.07	-26.58	228.48	-3.99	75.90
4	120	135	12.64	-14.73	11.03	-13.12	-6.44	-1.04	-198.62	-191.50	-8.15	-36.81
4	120	136	20.43	5.29	8.89	16.84	6.44	-12.44	-272.11	-269.89	-14.66	23.93
4	120	144	27.84	-20.80	-20.48	27.52	3.91	206.03	-15.83	201.56	-11.35	-31.20
4	152	134	22.12	-23.80	20.60	-22.27	-8.23	238.96	-31.74	214.10	-6.88	78.18
4	152	135	12.92	-15.04	11.04	-13.17	-6.99	1.06	-192.86	-185.93	-5.86	-35.98
4	152	136	19.66	4.71	8.75	15.63	6.64	-8.82	-259.54	-257.31	-11.05	23.55
4	152	144	27.35	-20.34	-20.01	27.02	3.95	197.77	-20.56	191.79	-14.58	-35.64

M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-25.30	-23.65	-23.83	-11.57		-281.56	-278.60	-33.47	-66.50
			33.52		30.63	33.01	9.60	258.98		228.48	2.58	112.10

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	4	27	11.36	-3.91	4.90	2.55	-7.54	34.54	-39.38	19.74	-24.58	-29.57
9	4	48	16.70	-13.34	11.64	-8.28	11.24	56.60	28.10	41.50	43.20	14.23
9	4	79	42.02	-9.14	2.35	30.53	-21.35	38.75	-79.69	-19.31	-21.62	-59.21
9	4	83	31.36	-13.63	3.45	14.28	21.83	140.42	1.90	16.82	125.51	42.94
9	124	27	7.83	-1.12	3.17	3.54	-4.47	18.31	-34.42	8.06	-24.17	-20.87
9	124	48	13.61	-10.63	9.68	-6.70	8.93	37.94	19.49	21.56	35.87	5.82
9	124	79	30.99	-7.91	-1.51e-02	23.09	-15.65	24.39	-59.06	-8.26	-26.41	-40.73
9	124	83	21.61	-10.39	2.82	8.40	15.75	111.73	13.47	21.35	103.86	26.67
9	130	27	7.36	-0.63	2.17	4.56	-3.81	28.50	-36.85	16.77	-25.12	-25.08
9	130	48	12.86	-8.72	9.21	-5.07	8.09	46.51	25.20	30.58	41.12	9.26
9	130	79	27.64	-6.70	0.80	20.14	-14.19	19.38	-68.33	-17.30	-31.65	-43.26
9	130	83	19.13	-10.69	3.09	5.35	14.87	108.39	3.47	11.98	99.88	28.64

9	156	27	8.08	-1.67	3.22	3.19	-4.87	19.55	-33.87	9.24	-23.57	-21.08
9	156	48	13.36	-10.60	9.53	-6.77	8.78	38.81	20.34	23.37	35.78	6.84
9	156	79	31.38	-7.44	0.56	23.38	-15.70	25.08	-58.74	-9.34	-24.32	-41.23
9	156	83	21.89	-10.45	2.62	8.82	15.87	109.82	11.08	19.55	101.35	27.65
9	162	27	7.64	-1.22	2.44	3.98	-4.37	27.43	-35.75	15.98	-24.31	-24.33
9	162	48	12.78	-9.13	9.17	-5.51	8.13	45.71	24.48	30.35	39.84	9.50
9	162	79	28.79	-6.51	1.19	21.10	-14.58	21.25	-65.96	-16.33	-28.38	-43.19
9	162	83	19.94	-10.64	2.83	6.47	15.18	107.24	3.34	12.30	98.28	29.17

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-13.63	-0.02	-8.28	-21.35		-79.69	-19.31	-31.65	-59.21
			42.02		11.64	30.53	21.83	140.42		41.50	125.51	42.94

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	15	26.64	-56.54	-31.91	2.00	-37.98	219.03	-596.92	196.90	-574.78	132.57
10	1	39	-3.54	-91.57	-89.19	-5.93	-14.29	-103.00	-407.16	-196.08	-314.07	140.17
10	1	121	1.05	-44.59	-41.40	-2.14	11.63	364.02	209.88	213.35	360.54	22.89
10	1	132	25.29	-36.42	-18.15	7.01	28.17	469.88	-209.68	-209.36	469.56	-14.68
10	117	15	22.26	-24.58	-4.77	2.44	-23.14	168.07	-459.92	148.11	-439.97	110.15
10	117	39	-4.60	-54.99	-54.02	-5.57	-6.92	-136.26	-365.07	-227.28	-274.05	111.99
10	117	121	5.48e-02	-37.09	-35.77	-1.27	6.88	289.28	186.62	192.35	283.55	23.56
10	117	132	15.82	-25.66	-15.51	5.67	17.83	402.58	-150.27	-150.11	402.41	-9.52
10	143	15	20.87	-50.26	-31.72	2.33	-31.23	147.90	-541.62	130.65	-524.37	107.67
10	143	39	0.26	-74.36	-72.51	-1.59	-11.60	-71.74	-317.20	-128.25	-260.69	103.33
10	143	121	-0.67	-35.97	-33.56	-3.08	8.91	330.87	166.00	171.15	325.72	28.69
10	143	132	21.84	-30.07	-13.75	5.52	24.10	385.48	-151.88	-151.35	384.95	-16.92
10	149	15	21.68	-28.71	-9.25	2.22	-24.54	167.65	-460.09	148.36	-440.80	108.34
10	149	39	-4.24	-58.73	-57.57	-5.41	-7.89	-123.60	-352.85	-209.86	-266.59	111.06
10	149	121	0.22	-36.41	-34.87	-1.33	7.35	287.24	180.93	185.82	282.35	22.26
10	149	132	16.62	-26.07	-15.05	5.60	18.68	393.54	-152.44	-152.26	393.36	-9.97
10	175	15	20.76	-48.74	-30.10	2.12	-30.79	152.06	-523.30	134.85	-506.09	106.41
10	175	39	-0.47	-73.73	-71.88	-2.33	-11.51	-73.62	-315.89	-133.26	-256.25	104.37
10	175	121	-0.31	-35.59	-33.16	-2.73	8.93	319.55	164.84	169.42	314.97	26.23
10	175	132	21.31	-29.51	-13.69	5.48	23.53	380.31	-153.68	-153.22	379.85	-15.69

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-91.57	-89.19	-5.93	-37.98		-596.92	-227.28	-574.78	-16.92
			26.64		-4.77	7.01	28.17	469.88		213.35	469.56	140.17

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	4	39	6.39	-71.71	-71.70	6.37	1.06	-317.71	-508.36	-384.30	-441.77	90.89
11	4	123	167.21	-7.87	164.85	-5.51	-20.21	401.83	-62.60	-51.96	391.19	69.48
11	4	125	3.81	-2.19	-1.33	2.94	-2.11	18.27	-666.79	-540.72	-107.79	-265.46
11	4	126	124.04	19.95	122.86	21.13	11.01	-117.27	-455.78	-423.50	-149.55	99.42
11	4	127	3.53	-26.67	-26.61	3.48	-1.32	254.86	84.80	252.30	87.36	-20.73
11	4	132	52.73	-28.46	20.02	4.26	39.82	1221.41	519.92	1124.55	616.78	242.00
11	11	39	8.04	-69.84	-69.76	7.96	2.45	-335.68	-521.29	-392.69	-464.27	85.63
11	11	123	165.73	-8.95	163.29	-6.50	-20.51	413.51	-65.20	-56.65	404.97	63.40
11	11	125	3.99	-2.66	-1.20	2.53	-2.75	14.20	-668.14	-541.49	-112.45	-265.29
11	11	126	127.59	21.79	125.81	23.57	13.59	-104.42	-428.03	-383.75	-148.71	111.22
11	11	127	2.73	-27.43	-27.35	2.65	-1.55	284.97	97.22	283.45	98.73	-16.79
11	11	132	52.03	-27.42	20.39	4.22	38.89	1218.31	536.63	1126.32	628.62	232.91
11	122	39	-0.81	-71.81	-71.09	-1.53	7.13	-394.30	-578.45	-394.32	-578.43	2.12
11	122	123	131.17	-11.80	130.01	-10.64	-12.83	418.57	-133.31	-132.95	418.22	14.02
11	122	125	-0.86	-4.79	-4.18	-1.47	1.42	-32.90	-533.14	-421.85	-144.20	-208.06
11	122	126	95.43	21.79	94.86	22.36	6.44	234.37	-215.37	113.89	-94.89	199.17
11	122	127	10.47	-22.38	-22.27	10.36	1.88	558.37	197.38	556.74	199.01	24.20
11	122	132	55.70	-16.78	34.05	4.87	33.18	898.64	544.08	879.52	563.20	80.08
11	128	39	12.14	-41.79	-41.79	12.14	3.40e-02	-122.42	-315.25	-226.57	-211.10	96.10
11	128	123	123.54	-4.15	120.82	-1.43	-18.45	251.53	-11.82	3.54	236.17	61.73
11	128	125	7.10	-1.76	1.95	3.39	-4.37	39.73	-477.55	-394.71	-43.11	-189.71
11	128	126	98.46	13.62	96.04	16.03	14.11	-124.05	-529.16	-529.04	-124.16	6.82

11	128	127	-2.30	-20.84	-20.12	-3.02	-3.58	33.41	-52.98	-10.24	-9.33	-43.19
11	128	132	28.72	-23.02	3.94	1.77	25.84	925.98	327.75	815.95	437.78	231.77
11	154	39	0.90	-67.77	-67.18	0.32	6.29	-373.36	-536.07	-374.43	-535.00	13.16
11	154	123	129.69	-10.89	128.40	-9.60	-13.40	398.12	-119.16	-118.51	397.47	18.34
11	154	125	-0.79	-3.63	-3.48	-0.95	0.64	-24.92	-525.99	-418.53	-132.37	-205.66
11	154	126	95.87	20.95	95.10	21.72	7.56	161.11	-218.55	40.81	-98.25	176.64
11	154	127	8.58	-22.08	-22.03	8.53	1.22	491.06	173.81	490.22	174.65	16.28
11	154	132	52.12	-17.26	30.38	4.48	32.18	899.12	521.14	871.76	548.50	97.95
11	160	39	10.91	-44.53	-44.52	10.90	0.80	-161.83	-333.67	-244.66	-250.85	85.87
11	160	123	123.79	-4.97	121.29	-2.47	-17.75	267.52	-23.80	-12.92	256.64	55.24
11	160	125	5.95	-1.87	1.27	2.81	-3.84	31.30	-483.02	-397.54	-54.18	-191.46
11	160	126	98.25	14.59	96.02	16.83	13.49	-118.59	-458.83	-456.54	-120.89	27.84
11	160	127	-1.34	-20.84	-20.36	-1.82	-3.00	73.16	-8.05	51.62	13.48	-35.85
11	160	132	31.21	-22.05	7.08	2.08	26.51	921.24	352.83	822.58	451.49	215.28

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-71.81	-71.70	-10.64	-20.51		-668.14	-541.49	-578.43	-265.46
			167.21		164.85	23.57	39.82	1221.41		1126.32	628.62	242.00

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	39	5.83	-52.02	-35.63	-10.55	-26.06	-32.01	-186.49	-177.32	-41.17	36.49
12	1	58	117.08	0.27	102.14	15.22	-39.02	398.90	101.37	397.85	102.41	-17.63
12	1	123	139.15	-14.90	131.26	-7.01	33.95	-24.95	-170.88	-122.99	-72.83	68.52
12	1	145	47.18	-39.20	-4.33	12.31	42.38	244.74	3.17	242.48	5.43	23.29
12	3	39	9.20	-51.60	-31.11	-11.29	-28.74	-24.60	-163.07	-152.23	-35.44	37.19
12	3	58	130.92	0.80	115.11	16.61	-42.51	441.45	91.00	440.36	92.08	-19.46
12	3	123	141.17	-16.31	132.56	-7.70	35.80	-14.51	-157.63	-104.96	-67.19	69.02
12	3	145	46.81	-45.77	-11.72	12.76	44.64	253.79	0.44	252.76	1.48	16.13
12	122	39	-10.88	-67.31	-65.51	-12.68	-9.91	-48.74	-228.79	-225.57	-51.97	23.89
12	122	58	29.77	-11.12	11.68	6.97	-20.31	298.40	73.08	296.93	74.54	-18.13
12	122	123	115.18	-7.07	110.40	-2.29	23.71	-42.65	-164.10	-153.85	-52.90	33.78
12	122	145	58.27	-6.62	37.19	14.46	30.39	209.96	30.89	209.96	30.89	-0.60
12	139	39	16.04	-29.19	-8.77	-4.37	-22.51	-12.46	-118.25	-108.37	-22.34	30.78
12	139	58	115.73	2.21	106.67	11.27	-30.76	331.16	87.49	330.90	87.74	-7.85
12	139	123	99.21	-11.20	93.40	-5.39	24.64	-6.26	-145.37	-92.01	-59.62	67.65
12	139	145	24.39	-41.18	-21.52	4.74	30.04	190.03	-14.72	184.01	-8.69	34.61
12	154	39	-8.62	-60.03	-56.96	-11.69	-12.18	-43.53	-209.27	-205.42	-47.37	24.95
12	154	58	41.66	-6.99	26.63	8.03	-22.48	300.77	74.56	299.48	75.84	-17.00
12	154	123	113.28	-8.04	108.22	-2.98	24.25	-39.39	-155.37	-140.96	-53.80	38.26
12	154	145	52.47	-11.01	28.09	13.37	30.87	204.77	24.82	204.68	24.90	3.84
12	171	39	13.10	-31.44	-13.07	-5.27	-21.93	-15.24	-123.98	-114.77	-24.45	30.28
12	171	58	109.63	1.85	100.12	11.36	-30.57	326.10	85.71	325.76	86.05	-9.05
12	171	123	100.94	-11.25	95.08	-5.38	24.97	-9.38	-142.75	-93.13	-59.00	64.46
12	171	145	26.98	-38.46	-17.33	5.85	30.60	189.55	-10.67	184.61	-5.72	31.07

M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-67.31	-65.51	-12.68	-42.51		-228.79	-225.57	-72.83	-19.46
			141.17		132.56	16.61	44.64	441.45		440.36	102.41	69.02

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	3	117	18.50	-27.82	4.63	-13.95	-21.22	-73.76	-302.47	-104.73	-271.49	78.26
19	3	119	5.15	-73.24	-5.94	-62.16	27.32	-186.37	-561.67	-472.18	-275.86	-159.93
19	3	120	77.35	-1.97	-1.92	77.30	1.90	404.12	-59.75	103.62	240.75	-221.56
19	3	165	0.12	-153.53	3.75e-04	-153.41	4.20	965.00	270.12	824.41	410.71	279.15
19	4	117	18.42	-28.07	4.56	-14.22	-21.27	-73.64	-303.23	-104.86	-272.01	78.71
19	4	119	5.17	-73.13	-5.97	-61.99	27.36	-186.42	-561.23	-471.15	-276.49	-160.15
19	4	120	77.38	-1.94	-1.89	77.33	1.94	404.56	-59.61	103.61	241.34	-221.63
19	4	165	0.13	-153.65	1.72e-02	-153.53	4.15	965.24	270.38	824.02	411.60	279.61
19	116	117	15.33	-12.97	6.19	-3.84	-13.23	-64.29	-206.98	-75.20	-196.06	37.93
19	116	119	6.61e-02	-60.89	-6.16	-54.66	18.46	-166.12	-507.65	-471.09	-202.69	-105.60
19	116	120	60.21	-2.69	-2.69	60.20	-0.48	290.74	-38.22	75.17	177.36	-156.34
19	116	165	1.04	-118.97	0.76	-118.70	5.71	776.72	216.89	687.86	305.74	204.57

19	148	117	15.17	-14.22	5.82	-4.87	-13.69	-62.80	-210.49	-76.58	-196.72	42.96
19	148	119	0.97	-59.32	-5.57	-52.77	18.75	-161.73	-487.64	-445.82	-203.55	-109.00
19	148	120	59.47	-2.52	-2.52	59.47	-0.14	294.20	-40.75	76.43	177.01	-159.75
19	148	165	0.72	-117.35	0.49	-117.12	5.21	767.27	214.28	675.08	306.47	206.11

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-153.65	-6.16	-153.53	-21.27		-561.67	-472.18	-276.49	-221.63
	77.38		6.19	77.33	27.36	965.24		824.41	411.60	279.61

Elem.	**Cmb**	**Nodo**	**Von Mises**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	3	117	14.53	-13.93	-61.27	-47.77	-27.43	21.37	-101.77	-876.37	-875.04	-103.10	32.01
		115	21.20	140.61	3.74	116.63	27.73	-52.04	1063.18	33.07	1062.19	34.06	31.91
		12	12.70	3.34	-73.17	-62.37	-7.46	26.64	651.30	20.43	650.97	20.77	14.57
		118	11.27	117.17	-11.38	105.88	-0.09	-36.38	-27.70	-403.09	-399.24	-31.55	-37.81
1	120	117	11.97	0.67	-35.16	-16.19	-18.30	17.88	-109.61	-805.18	-804.78	-110.01	16.71
		115	23.46	168.76	8.22	154.18	22.80	-46.12	1089.07	50.91	1089.02	50.96	7.32
		12	16.36	-4.77	-112.05	-107.66	-9.16	21.26	757.07	36.46	757.07	36.46	1.29
		118	9.64	82.05	-14.77	67.06	0.22	-35.02	-49.67	-443.85	-436.57	-56.95	-53.09
1	152	117	11.73	-0.91	-36.52	-19.12	-18.31	17.80	-102.31	-775.81	-775.31	-102.81	18.38
		115	21.74	153.00	6.83	137.98	21.85	-44.39	1025.43	45.06	1025.30	45.19	11.11
		12	14.82	-3.20	-97.41	-92.36	-8.26	21.23	701.99	31.96	701.97	31.98	3.63
		118	9.41	82.18	-13.41	68.67	0.09	-33.29	-43.66	-418.52	-412.21	-49.97	-48.23
2	3	119	7.06	49.72	-69.14	-42.35	22.93	49.67	345.55	196.08	330.77	210.86	44.62
		117	16.34	9.42	-57.45	-34.19	-13.84	-31.85	-160.05	-961.32	-570.02	-551.36	-400.53
		118	13.61	102.75	-5.28	86.13	11.35	38.98	321.84	-353.71	-306.11	274.24	-172.88
		116	7.82	103.68	-9.02	86.96	7.69	-40.05	-38.84	-330.91	-203.78	-165.97	-144.81
2	120	119	5.88	38.04	-56.73	-32.71	14.02	41.22	139.83	5.76	36.09	109.51	56.09
		117	14.74	17.05	-63.53	-27.50	-18.98	-40.06	-111.49	-797.01	-482.44	-426.07	-341.60
		118	12.68	80.07	-4.48	66.70	8.89	30.85	222.07	-448.33	-420.42	194.16	-133.91
		116	7.84	87.64	-3.23	74.55	9.86	-31.91	-81.39	-384.35	-336.33	-129.42	-110.65
2	152	119	5.57	37.84	-54.56	-31.56	14.84	39.95	159.37	45.79	84.61	120.55	53.88
		117	14.18	14.49	-58.68	-26.81	-17.38	-36.28	-112.22	-780.07	-471.94	-420.36	-332.93
		118	12.12	78.83	-4.35	65.67	8.82	30.36	223.62	-412.58	-384.54	195.57	-130.60
		116	7.04	84.25	-3.99	71.46	8.80	-31.07	-70.74	-343.45	-289.01	-125.18	-109.01
3	4	16	2.28	44.45	-75.82	10.98	-42.35	-53.90	-72.66	-258.00	-77.69	-252.96	30.14
		112	2.48	51.79	-50.11	15.63	-13.96	48.76	515.41	69.30	76.37	508.34	-55.72
		111	2.05	40.61	-59.50	-2.78	-16.11	-49.61	45.29	-239.51	23.15	-217.36	76.27
		24	2.28	37.13	-77.95	1.87	-42.70	53.05	196.44	-27.85	-27.75	196.35	4.65
3	113	16	1.72	51.60	-40.54	37.21	-26.15	-33.45	-76.93	-218.91	-84.51	-211.33	31.91
		112	1.94	29.89	-55.06	-12.84	-12.32	42.47	385.89	70.25	77.04	379.10	-45.79
		111	1.51	45.73	-31.78	26.80	-12.85	-33.30	23.44	-191.97	-0.07	-168.46	67.17
		24	1.70	17.42	-67.91	-23.25	-27.25	42.62	170.96	-9.15	-9.12	170.93	-2.36
3	145	16	1.68	48.87	-41.14	33.92	-26.19	-33.50	-70.67	-208.43	-77.35	-201.76	29.59
		112	1.88	30.35	-50.94	-8.49	-12.10	40.60	377.35	66.24	72.73	370.87	-44.45
		111	1.45	42.09	-32.36	22.41	-12.68	-32.83	24.69	-184.67	3.48	-163.46	63.16
		24	1.65	17.81	-65.06	-20.00	-27.25	41.28	160.70	-11.44	-11.44	160.70	-0.45
4	3	144	6.63	32.73	-28.51	-28.03	32.25	5.42	248.32	-54.82	227.81	-34.31	-76.14
		135	4.98	21.47	-21.89	16.28	-16.70	-14.08	9.74	-252.79	-244.97	1.91	-44.64
		136	4.37	21.85	2.14	10.73	13.27	9.77	6.41	-277.23	-273.98	3.15	30.22
		134	6.03	39.90	-21.96	36.95	-19.00	-13.19	252.74	-77.33	204.27	-28.86	116.84
4	124	144	5.29	26.96	-26.94	-26.80	26.82	2.74	196.56	-20.23	190.94	-14.61	-34.46
		135	3.66	13.64	-15.61	11.15	-13.12	-8.17	2.88	-190.86	-183.81	-4.18	-36.28
		136	3.93	18.46	5.62	8.57	15.51	5.40	-10.62	-260.96	-258.74	-12.84	23.49
		134	5.43	29.01	-23.80	27.32	-22.11	-9.30	239.26	-32.27	213.95	-6.96	78.94
4	156	144	5.14	26.66	-25.07	-24.89	26.48	3.05	190.59	-24.11	183.57	-17.10	-38.17
		135	3.61	13.71	-15.74	11.13	-13.16	-8.33	4.09	-186.86	-179.98	-2.79	-35.58
		136	3.80	18.13	4.97	8.50	14.60	5.83	-7.41	-250.92	-248.69	-9.64	23.22
		134	5.23	28.19	-22.64	26.48	-20.94	-9.15	229.97	-36.29	202.86	-9.18	80.53
5	4	135	2.84	17.48	-13.81	0.08	3.59	-15.55	9.00	-115.12	-14.85	-91.27	-48.90
		136	2.91	6.63	-15.89	-6.07	-3.20	11.17	-45.69	-159.95	-71.13	-134.51	47.54
		140	3.85	17.78	-7.50	6.63	3.65	-12.55	165.28	-82.20	-68.07	151.14	-57.42
		139	2.91	1.55	-17.32	0.33	-16.09	4.65	170.49	40.92	54.32	157.09	39.46
5	120	135	2.65	17.97	-16.05	2.21	-0.29	-16.97	14.94	-81.11	-4.30	-61.88	-38.44
		136	3.19	9.96	-23.85	-4.23	-9.66	16.69	-42.57	-142.70	-61.05	-124.22	38.85
		140	3.07	8.23	-14.23	3.96	-9.95	-8.82	128.50	-76.67	-66.30	118.12	-44.95
		139	2.59	-1.79	-27.66	-2.79	-26.66	4.98	119.60	39.18	54.54	104.24	31.61
5	150	135	1.46	10.87	-3.34	0.03	7.51	-6.04	12.06	-68.72	-7.42	-49.24	-34.56
		136	1.69	2.40	-6.83	-5.20	0.76	3.52	-32.30	-111.62	-49.36	-94.56	32.59
		140	3.02	16.96	1.02	6.06	11.93	-7.41	124.88	-51.47	-41.60	115.00	-40.54
		139	1.70	1.92	-6.31	0.97	-5.36	2.62	113.17	26.17	35.63	103.71	27.08
6	4	137	15.58	52.26	-245.10	44.62	-237.46	-47.03	29.07	-162.07	-160.60	27.60	-16.73
		139	8.50	47.83	-138.21	-44.85	-45.53	93.02	28.85	-5.80	-4.36	27.41	6.92
		135	9.42	165.98	-20.24	18.07	127.68	-75.27	-53.16	-95.77	-90.59	-58.34	13.93
		144	22.16	4.14	-413.10	-82.02	-326.95	168.89	172.85	-8.99	133.95	29.91	-74.57

6	137	137	10.84	36.88	-174.15	29.67	-166.94	-38.35	2.80	-118.35	-117.62	2.07	-9.35
		139	6.43	37.43	-102.14	-32.27	-32.44	69.79	31.09	-0.80	1.69	28.60	8.57
		135	7.50	132.61	-14.77	12.75	105.08	-57.44	-47.33	-73.35	-69.35	-51.32	9.38
		144	16.81	0.70	-314.60	-57.46	-256.44	122.29	128.99	13.35	100.50	41.85	-49.83
6	169	137	10.92	36.64	-174.96	30.01	-168.33	-36.87	9.64	-113.97	-113.16	8.84	-9.93
		139	6.31	36.44	-100.95	-32.27	-32.24	68.69	27.65	-3.42	-1.74	25.96	7.04
		135	7.28	128.59	-14.59	12.89	101.11	-56.38	-44.80	-70.94	-66.93	-48.81	9.42
		144	16.49	1.63	-308.47	-57.41	-249.43	121.74	125.63	6.12	97.35	34.40	-50.79
7	4	138	10.29	66.09	-136.80	28.43	-99.14	-78.88	363.04	222.43	362.88	222.58	4.64
		140	10.19	43.46	-156.39	-37.88	-75.05	98.18	-75.25	-196.25	-165.26	-106.23	-52.81
		136	12.67	220.09	-17.94	12.74	189.41	-79.76	143.95	82.62	119.92	106.65	-29.94
		134	26.08	-9.41	-479.21	-57.13	-431.50	141.91	-168.12	-233.32	-171.60	-229.85	14.64
7	140	138	7.67	62.95	-81.55	25.56	-44.16	-63.28	295.06	200.99	295.05	200.99	-0.55
		140	8.20	31.04	-126.82	-28.02	-67.76	76.39	-62.20	-169.03	-143.87	-87.36	-45.33
		136	9.39	163.47	-11.50	8.54	143.43	-55.71	116.19	65.96	98.62	83.54	-23.96
		134	20.21	-12.07	-367.80	-46.40	-333.48	105.04	-140.70	-207.04	-141.24	-206.51	5.95
7	172	138	7.59	60.18	-84.36	24.74	-48.92	-62.18	287.90	193.61	287.90	193.61	-0.23
		140	8.07	31.32	-124.80	-27.94	-65.54	75.76	-61.25	-163.99	-139.48	-85.77	-43.79
		136	9.37	162.95	-11.68	8.66	142.62	-56.02	114.00	65.07	96.34	82.72	-23.50
		134	20.00	-11.35	-364.74	-45.84	-330.25	104.88	-137.05	-200.02	-137.79	-199.28	6.77
8	4	144	20.45	126.18	-270.37	2.78	-146.97	-183.59	37.19	-186.14	-73.30	-75.65	-111.66
		134	31.30	87.76	-535.42	-101.88	-345.79	286.73	19.07	-147.60	-77.38	-51.15	82.29
		138	13.84	85.01	-212.61	-0.97	-126.63	-134.90	135.32	113.84	134.43	114.72	4.27
		137	26.09	49.26	-476.63	-91.65	-335.72	232.91	229.82	136.24	229.46	136.60	-5.76
8	140	144	12.23	100.92	-124.47	22.38	-45.93	-107.39	36.28	-151.64	-51.29	-64.06	-93.74
		134	24.71	45.44	-433.08	-93.24	-294.40	217.09	9.38	-127.29	-60.10	-57.82	68.32
		138	7.44	68.01	-98.43	19.45	-49.87	-75.65	106.09	90.30	99.74	96.66	-7.74
		137	19.98	29.48	-374.23	-80.74	-264.00	179.86	163.69	99.37	162.75	100.31	7.73
8	172	144	12.64	99.34	-136.49	18.82	-55.97	-111.83	34.48	-148.05	-51.39	-62.17	-91.11
		134	24.36	48.32	-425.48	-89.95	-287.21	215.39	10.23	-123.55	-58.87	-54.45	66.85
		138	7.81	67.00	-108.04	16.00	-57.04	-79.53	102.51	89.57	97.62	94.47	-6.28
		137	19.78	30.60	-369.15	-78.20	-260.34	177.92	163.54	99.58	162.93	100.18	6.17
9	4	10	8.03	9.77	-19.18	5.20	-14.61	-10.56	-103.09	-532.54	-529.02	-106.61	38.73
		94	4.91	1.27	-64.83	-4.40	-59.16	18.51	219.11	37.19	218.45	37.85	-10.98
		139	4.21	36.12	-41.09	8.28	-13.25	37.08	26.26	-43.06	-10.44	-6.36	34.60
		137	10.38	10.67	-164.29	10.51	-164.14	-5.20	-47.75	-261.24	-258.37	-50.62	-24.58
9	118	10	6.79	8.84	-8.97	8.23	-8.35	-3.26	-95.07	-452.93	-451.07	-96.93	25.75
		94	3.87	0.42	-49.02	-4.95	-43.66	15.37	180.38	27.18	180.22	27.35	-5.04
		139	3.49	36.42	-25.33	8.44	2.65	30.74	23.92	-40.42	-13.43	-3.08	31.75
		137	7.73	4.70	-126.69	4.68	-126.67	-1.35	-24.75	-177.13	-173.05	-28.82	-24.58
9	150	10	6.52	8.28	-9.72	7.07	-8.51	-4.50	-90.08	-435.27	-433.25	-92.10	26.37
		94	3.80	0.63	-48.64	-4.41	-43.60	14.94	174.43	26.73	174.23	26.93	-5.44
		139	3.37	33.72	-26.24	7.65	-0.17	29.72	21.79	-39.78	-14.35	-3.63	30.32
		137	7.65	5.43	-124.95	5.40	-124.92	-1.94	-25.97	-175.66	-172.07	-29.57	-22.91
10	4	139	2.60	24.20	-27.31	4.16	-7.28	-25.11	-18.81	-43.77	-25.14	-37.43	-10.86
		140	2.47	17.59	-12.49	4.16	0.94	14.95	-79.72	-130.65	-126.81	-83.56	-13.45
		108	2.23	3.67	-32.30	-3.67	-24.96	-14.50	59.71	28.44	28.89	59.25	-3.75
		94	4.34	-1.29	-59.08	-2.20	-58.18	7.17	-1.55	-141.17	-139.69	-3.03	-14.29
10	124	139	2.19	13.64	-24.78	2.82	-13.96	-17.28	5.30	-31.49	-1.75	-24.45	-14.47
		140	1.79	6.89	-15.75	2.76	-11.63	8.74	-80.94	-108.55	-106.70	-82.79	-6.90
		108	1.79	5.52	-24.46	-2.67	-16.27	-13.36	65.83	40.95	43.92	62.86	-8.07
		94	3.40	-0.80	-48.00	-1.74	-47.07	6.57	-3.67	-106.81	-105.74	-4.74	-10.48
10	156	139	2.10	14.28	-23.42	2.84	-11.97	-17.33	3.26	-30.05	-2.95	-23.84	-12.97
		140	1.80	7.87	-14.45	2.80	-9.38	9.35	-77.42	-107.43	-105.52	-79.33	-7.32
		108	1.76	4.83	-24.33	-2.63	-16.88	-12.72	61.31	36.03	38.32	59.03	-7.25
		94	3.34	-0.83	-46.99	-1.72	-46.10	6.34	-3.60	-105.31	-104.21	-4.69	-10.51
11	4	60	4.97	-10.90	-86.54	-11.08	-86.36	3.66	155.51	24.96	151.35	29.12	-22.95
		108	1.78	-12.34	-19.62	-13.89	-18.07	2.98	34.52	-56.46	21.11	-43.06	32.25
		140	4.14	26.12	-17.66	19.91	-11.45	15.27	38.75	-144.45	-144.26	38.55	-5.99
		138	8.50	16.80	-73.69	16.80	-73.69	-0.05	426.11	101.99	425.15	102.95	17.67
11	115	60	3.48	-14.15	-67.95	-14.25	-67.85	-2.29	67.33	-1.96	59.25	6.12	-22.24
		108	1.34	-7.71	-12.34	-8.04	-12.01	-1.20	41.41	-47.66	28.32	-34.56	31.54
		140	3.88	12.99	-26.99	11.98	-25.98	6.27	26.38	-139.89	-139.89	26.38	-0.18
		138	6.68	18.11	-36.51	18.06	-36.46	-1.61	370.26	92.75	369.97	93.04	8.89
11	147	60	3.53	-12.66	-67.42	-12.68	-67.39	-1.10	81.29	4.89	75.12	11.06	-20.82
		108	1.31	-8.47	-12.44	-8.56	-12.35	-0.59	36.31	-46.82	23.49	-34.01	30.02
		140	3.70	14.12	-24.12	12.63	-22.62	7.41	26.47	-132.93	-132.91	26.45	-1.75
		138	6.51	16.77	-38.96	16.76	-38.95	-0.73	356.41	88.06	355.99	88.48	10.58
12	4	137	10.08	-37.61	-189.41	-52.61	-174.40	45.31	294.58	70.70	287.65	77.63	-38.78
		138	4.70	-8.14	-73.53	-13.12	-68.56	-17.33	168.84	10.25	168.59	10.50	6.26
		60	6.67	44.26	-95.03	42.45	-93.22	-15.78	132.60	56.17	109.53	79.24	-35.09
		10	7.91	65.92	-10.54	65.92	-10.54	0.18	323.33	65.70	321.94	67.09	18.88
12	113	137	7.78	-24.31	-139.88	-35.45	-128.74	34.11	240.39	51.45	228.32	63.52	-46.21
		138	3.27	-5.28	-62.66	-8.57	-59.36	-13.35	77.02	-9.26	65.52	2.24	29.32
		60	5.63	32.40	-68.11	30.73	-66.44	-12.82	162.66	68.44	159.80	71.30	-16.16
		10	6.12	46.34	-11.53	46.31	-11.51	1.20	262.67	57.69	262.49	57.87	6.06
12	145	137	7.66	-24.98	-139.32	-35.98	-128.33	33.71	233.63	49.99	223.00	60.62	-42.89

		138	3.23	-4.94	-58.93	-8.15	-55.71	-12.78	83.47	-6.05	76.01	1.40	24.74
		60	5.52	32.00	-69.06	30.45	-67.51	-12.42	152.12	66.37	147.89	70.60	-18.57
		10	5.95	46.79	-10.12	46.78	-10.11	0.90	251.38	55.57	251.07	55.88	7.76
13	3	83	4.43	2.46	-33.36	2.38	-33.28	1.73	196.76	35.58	35.65	196.70	-3.33
		27	0.63	-4.66	-8.28	-8.22	-4.72	-0.44	27.86	1.47	12.39	16.93	-13.00
		94	4.39	17.90	-47.09	10.02	-39.20	21.22	171.63	-18.99	129.39	23.26	-79.17
		10	6.14	35.92	-2.02	8.30	25.60	-16.89	-218.08	-387.57	-371.17	-234.47	50.10
13	118	83	3.19	0.18	-24.64	-0.09	-24.37	2.57	150.61	47.11	47.11	150.61	0.29
		27	0.51	-3.43	-6.25	-6.13	-3.54	0.56	20.08	-11.72	-5.06	13.42	-12.94
		94	3.42	12.98	-34.18	7.33	-28.52	15.32	147.35	-16.08	113.35	17.92	-66.33
		10	5.25	28.20	-0.36	8.03	19.81	-13.01	-171.06	-339.65	-326.29	-184.43	45.55
13	150	83	3.20	0.46	-24.62	0.27	-24.43	2.17	149.64	43.49	43.49	149.64	-0.17
		27	0.49	-3.56	-6.23	-6.15	-3.63	0.45	19.51	-9.70	-2.81	12.62	-12.40
		94	3.35	12.85	-34.27	7.31	-28.73	15.18	142.15	-14.81	109.25	18.08	-63.88
		10	5.06	27.89	-0.34	7.51	20.03	-12.65	-168.93	-325.62	-312.75	-181.80	43.02
14	9	94	2.94	6.80	-22.07	6.78	-22.05	0.82	-41.26	-156.53	-153.42	-44.36	-18.67
		108	1.24	8.78	-2.03	1.43	5.32	-5.05	58.19	-2.48	51.19	4.52	19.39
		48	1.39	5.39	-20.79	-1.21	-14.19	-11.37	-1.72	-23.41	-11.84	-13.29	10.82
		27	1.46	0.96	-24.60	-5.10	-18.55	10.87	-0.44	-14.88	-1.48	-13.85	3.73
14	136	94	2.90	6.00	-21.27	5.99	-21.27	0.42	-37.77	-155.50	-153.77	-39.50	-14.15
		108	1.69	11.04	-2.35	0.35	8.34	-5.37	88.04	3.46	84.71	6.79	16.44
		48	1.13	4.87	-14.68	-0.02	-9.79	-8.47	-3.75	-26.74	-24.08	-6.41	7.35
		27	1.22	-0.61	-18.54	-4.78	-14.37	7.57	17.34	-12.00	15.01	-9.66	7.94
14	168	94	2.76	5.85	-20.22	5.84	-20.20	0.55	-36.53	-147.75	-145.92	-38.36	-14.14
		108	1.53	10.16	-2.18	0.52	7.45	-5.10	78.38	2.45	74.82	6.01	16.05
		48	1.10	4.65	-14.78	-0.20	-9.94	-8.41	-3.67	-24.03	-20.61	-7.09	7.61
		27	1.18	-0.36	-18.45	-4.57	-14.24	7.64	13.36	-11.76	11.37	-9.77	6.78
15	4	10	8.30	97.17	-9.91	57.45	29.82	51.73	194.22	-35.20	130.28	28.75	102.87
		60	7.33	24.73	-83.24	20.14	-78.64	-21.80	201.21	-24.01	152.85	24.35	-92.48
		79	1.49	12.80	-8.02	6.09	-1.31	9.73	12.65	-32.93	-4.46	-15.81	22.07
		83	2.27	-4.72	-44.80	-32.26	-17.27	18.59	-5.68	-30.77	-10.75	-25.70	-10.08
15	113	10	6.85	66.88	-10.31	38.30	18.27	37.28	203.58	-23.59	138.70	41.29	102.61
		60	5.94	15.34	-59.94	11.60	-56.20	-16.37	206.58	-18.95	151.41	36.22	-96.94
		79	1.26	10.63	-5.01	7.59	-1.97	6.19	10.63	-34.10	0.25	-23.72	18.88
		83	1.66	-1.79	-30.13	-19.43	-12.49	13.74	-26.34	-48.02	-36.33	-38.04	-10.80
15	145	10	6.66	68.30	-9.31	39.05	19.94	37.61	187.11	-25.79	126.13	35.19	96.25
		60	5.81	15.12	-60.87	11.66	-57.41	-15.84	194.57	-18.59	144.38	31.60	-90.44
		79	1.24	11.00	-5.15	7.54	-1.69	6.63	10.55	-31.12	-0.24	-20.33	18.25
		83	1.65	-2.05	-31.08	-20.39	-12.74	14.00	-22.04	-41.98	-30.69	-33.33	-9.88
16	1	79	2.98	13.01	-35.77	8.97	-31.73	-13.44	2.83	-74.21	-36.84	-34.54	-38.50
		48	1.66	4.34	-21.34	-6.31	-10.69	12.65	23.12	-53.57	22.82	-53.28	-4.75
		108	2.98	25.61	-17.22	2.40	5.98	21.34	98.35	27.14	48.42	77.07	32.60
		60	4.15	-2.03	-63.78	-2.85	-62.96	-7.04	104.09	-2.64	100.40	1.05	-19.49
16	126	79	2.13	8.19	-25.96	5.94	-23.72	-8.46	-1.88	-57.39	-29.92	-29.34	-27.75
		48	1.31	3.65	-16.17	-4.68	-7.84	9.78	14.33	-46.43	14.13	-46.24	-3.43
		108	2.68	20.64	-14.27	2.08	4.29	17.42	83.81	0.55	25.89	58.47	38.31
		60	3.85	0.95	-48.98	-0.05	-47.97	-7.01	135.60	4.97	128.72	11.85	-29.18
16	158	79	2.16	8.59	-26.24	6.16	-23.82	-8.86	-0.81	-57.18	-29.52	-28.48	-28.18
		48	1.30	3.56	-16.18	-4.71	-7.91	9.74	15.12	-45.26	14.91	-45.06	-3.50
		108	2.59	20.47	-14.03	2.03	4.41	17.21	82.00	5.30	28.59	58.71	35.27
		60	3.69	0.39	-49.02	-0.53	-48.10	-6.67	122.77	3.19	116.83	9.12	-25.97
17	11	83	3.85	31.27	-13.77	3.29	14.21	21.85	139.61	1.67	16.99	124.29	43.34
		27	1.61	11.67	-4.16	4.93	2.59	-7.83	34.55	-39.84	19.63	-24.93	-29.79
		48	1.75	16.77	-13.34	11.71	-8.29	11.26	57.04	27.46	40.87	43.62	14.73
		79	3.63	42.21	-8.85	2.65	30.71	-21.33	39.96	-78.46	-18.23	-20.27	-59.20
17	137	83	3.11	27.42	-10.43	1.34	15.65	17.52	97.05	-4.32	10.30	82.43	35.60
		27	1.46	11.23	-7.78	4.43	-0.98	-9.11	24.33	-25.98	13.85	-15.50	-20.43
		48	1.44	11.87	-12.58	8.48	-9.20	8.44	45.32	17.37	33.65	29.04	13.78
		79	3.04	38.16	-4.46	4.84	28.86	-17.60	38.11	-52.77	-13.13	-1.53	-45.07
17	169	83	3.04	26.37	-10.45	1.48	14.44	17.23	98.44	-2.66	11.00	84.78	34.56
		27	1.40	10.70	-6.82	4.19	-0.31	-8.47	24.20	-27.33	13.73	-16.86	-20.74
		48	1.40	12.01	-12.11	8.61	-8.70	8.40	44.65	18.56	32.72	30.50	13.00
		79	2.95	36.93	-4.77	4.31	27.84	-17.21	35.68	-53.86	-13.10	-5.08	-44.59
18	1	39	7.23	-3.54	-91.57	-89.54	-5.57	-13.21	-103.00	-407.16	-192.51	-317.64	138.61
		121	5.41	1.05	-44.59	-41.09	-2.44	12.13	364.02	209.88	213.96	359.93	24.77
		15	13.48	26.64	-56.54	-32.88	2.97	-37.53	219.03	-596.92	200.17	-578.05	122.63
		132	10.26	25.29	-36.42	-17.42	6.28	28.49	469.88	-209.68	-209.63	469.83	-5.97
18	127	39	7.01	1.09	-88.62	-86.32	-1.21	-14.18	-18.74	-280.96	-65.81	-233.88	100.64
		121	4.44	0.72	-33.25	-29.12	-3.41	11.11	314.20	145.37	148.57	311.00	23.01
		15	12.19	20.17	-69.39	-50.80	1.58	-36.32	151.30	-527.46	139.38	-515.54	89.15
		132	7.81	26.17	-32.03	-11.09	5.23	27.94	353.42	-160.36	-160.22	353.28	-8.55
18	159	39	6.66	0.16	-84.76	-82.62	-1.98	-13.31	-33.08	-287.39	-84.33	-236.14	102.01
		121	4.33	0.74	-33.45	-29.68	-3.04	10.71	306.65	148.88	152.06	303.47	22.17
		15	11.77	20.15	-63.45	-45.03	1.72	-34.65	154.65	-512.31	142.18	-499.83	90.36
		132	7.82	24.64	-31.00	-11.50	5.13	26.55	355.52	-160.24	-160.13	355.40	-7.70
19	4	127	4.72	25.97	-8.27	-2.13	19.84	13.13	335.95	146.51	330.37	152.10	32.06
		39	9.55	3.37	-53.98	-53.98	3.37	-0.10	-353.65	-600.85	-506.25	-448.24	-120.15

		132	18.29	52.73	-28.46	20.02	4.26	39.82	1221.41	519.92	1124.55	616.78	242.00
		125	10.35	3.81	-2.19	-1.33	2.94	-2.11	18.27	-666.79	-540.72	-107.79	-265.46
19	126	127	8.27	28.84	-5.94	-0.09	22.99	13.01	609.45	221.66	597.97	233.14	65.73
		39	10.53	-0.44	-60.06	-56.99	-3.51	13.17	-278.14	-753.13	-469.43	-561.84	-232.96
		132	13.90	55.76	-16.88	34.04	4.85	33.26	899.81	542.96	880.06	562.71	81.59
		125	7.82	-0.79	-4.69	-4.11	-1.37	1.39	-32.33	-533.36	-422.16	-143.53	-208.20
19	158	127	7.38	26.69	-5.90	-0.28	21.08	12.31	543.93	200.87	534.08	210.72	57.29
		39	9.85	0.35	-55.40	-53.18	-1.87	10.90	-275.43	-698.31	-451.66	-522.07	-208.49
		132	13.78	52.17	-17.34	30.37	4.46	32.25	900.09	520.21	872.18	548.12	99.12
		125	7.79	-0.73	-3.56	-3.42	-0.87	0.62	-24.47	-526.16	-418.78	-131.86	-205.77
20	1	126	9.36	128.73	23.83	126.27	26.29	15.87	-59.71	-352.96	-269.60	-143.07	132.28
		123	14.30	161.92	-10.52	159.53	-8.13	-20.18	431.57	-90.91	-87.33	427.98	43.12
		39	11.44	13.90	-87.01	-86.67	13.57	5.78	-83.03	-714.69	-291.00	-506.71	296.84
		127	6.25	-8.18	-60.06	-54.62	-13.62	-15.89	296.25	47.73	278.64	65.34	-63.76
20	122	126	8.75	95.43	21.79	94.86	22.36	6.44	234.37	-215.37	113.89	-94.89	199.17
		123	13.36	131.17	-11.80	130.01	-10.64	-12.83	418.57	-133.31	-132.95	418.22	14.02
		39	10.93	0.48	-85.23	-85.22	0.47	0.99	-180.08	-729.63	-317.93	-591.78	238.23
		127	8.91	-0.28	-46.40	-44.47	-2.20	-9.23	512.66	162.61	511.76	163.52	-17.80
20	154	126	7.65	95.87	20.95	95.10	21.72	7.56	161.11	-218.55	40.81	-98.25	176.64
		123	12.81	129.69	-10.89	128.40	-9.60	-13.40	398.12	-119.16	-118.51	397.47	18.34
		39	10.39	2.57	-81.24	-81.21	2.54	1.62	-154.27	-687.36	-296.20	-545.43	235.62
		127	7.96	-1.66	-46.10	-43.79	-3.96	-9.86	445.50	135.47	443.46	137.52	-25.09
21	4	123	7.99	141.58	-16.41	133.93	-8.77	33.90	-13.15	-153.08	-98.72	-67.51	68.20
		58	12.24	132.53	0.87	115.46	17.94	-44.23	440.01	88.12	438.21	89.92	-25.07
		145	5.91	46.63	-46.48	-11.11	11.26	45.19	253.72	0.24	253.27	0.68	10.59
		39	3.72	9.79	-51.37	-31.36	-10.23	-28.70	-24.62	-161.37	-149.73	-36.26	38.16
21	123	123	6.47	98.75	-15.97	91.99	-9.21	27.02	23.67	-124.57	-37.95	-62.95	73.06
		58	11.66	155.02	5.13	142.64	17.51	-41.26	319.73	85.71	319.16	86.27	-11.47
		145	5.31	22.96	-61.32	-42.18	3.83	35.31	171.06	-29.78	164.41	-23.12	35.94
		39	3.67	33.78	-27.73	9.15	-3.10	-30.14	8.37	-67.39	-46.70	-12.32	33.75
21	155	123	6.27	100.57	-14.92	94.15	-8.50	26.46	12.55	-125.43	-50.96	-61.92	68.77
		58	10.90	139.99	4.14	127.75	16.38	-38.90	317.26	84.33	316.58	85.01	-12.58
		145	4.98	25.50	-53.66	-33.10	4.93	34.71	174.74	-22.18	169.56	-17.00	31.52
		39	3.41	26.12	-29.61	0.67	-4.15	-27.76	-0.55	-83.21	-66.87	-16.89	32.91
22	4	111	5.75	179.77	-204.52	-109.91	85.15	-165.55	244.82	-38.81	-38.66	244.67	6.37
		75	7.33	147.18	-340.64	72.90	-266.36	175.27	84.82	-145.52	20.84	-81.53	-103.17
		156	8.30	39.51	-463.61	-99.71	-324.40	-225.08	198.60	95.46	102.36	191.69	25.78
		112	4.16	224.00	-11.97	83.10	128.93	115.74	-168.65	-351.15	-171.41	-348.40	-22.25
22	122	111	3.85	127.60	-132.79	-65.21	60.02	-114.15	134.73	-115.45	-85.69	104.97	80.99
		75	5.37	99.05	-239.21	44.93	-185.08	124.01	232.89	13.12	69.03	176.98	-95.72
		156	6.12	29.39	-316.05	-65.18	-221.48	-154.03	266.88	-173.46	-100.87	194.30	163.38
		112	2.87	152.56	-20.83	44.96	86.77	84.14	107.22	-148.02	106.89	-147.69	-9.17
22	154	111	3.80	126.78	-134.02	-66.96	59.72	-113.99	142.85	-92.14	-73.29	124.00	63.84
		75	5.29	99.29	-238.19	45.72	-184.62	123.33	187.39	-6.53	57.39	123.46	-91.16
		156	6.03	29.42	-316.02	-65.16	-221.45	-154.03	242.35	-120.31	-62.87	184.92	132.40
		112	2.87	152.79	-18.36	47.53	86.89	83.28	60.10	-173.42	59.49	-172.81	-11.90
23	4	75	9.17	254.58	-368.21	0.70	-114.32	-306.04	111.95	29.41	75.49	65.87	40.99
		38	10.10	225.06	-444.34	-16.01	-203.27	321.33	93.51	-129.45	-100.94	65.00	-74.46
		154	9.86	203.54	-447.74	-46.67	-197.52	-316.79	162.72	-25.09	101.12	36.51	88.17
		156	9.50	208.81	-417.78	-63.38	-145.59	310.58	87.26	-130.83	-2.41	-41.16	-107.31
23	122	75	6.65	174.92	-249.87	3.20	-78.14	-208.46	274.66	-61.48	39.89	173.29	154.27
		38	7.35	152.68	-307.55	-14.62	-140.25	221.38	259.21	-157.46	-64.76	166.52	-173.29
		154	6.87	141.40	-305.17	-27.37	-136.41	-216.53	115.63	-92.21	-42.55	65.97	88.63
		156	6.74	143.16	-286.78	-45.19	-98.43	213.31	167.17	-151.61	-72.65	88.22	-137.61
23	154	75	6.57	174.89	-250.26	2.55	-77.92	-208.73	232.14	-42.87	43.11	146.16	127.49
		38	7.26	152.85	-307.24	-13.93	-140.45	221.17	216.98	-143.32	-66.78	140.44	-147.37
		154	6.86	141.35	-305.44	-27.74	-136.36	-216.69	113.79	-71.23	-16.44	59.00	84.47
		156	6.69	143.58	-286.30	-44.21	-98.51	213.22	141.35	-135.77	-57.02	62.60	-124.99
24	4	38	8.51	195.82	-367.69	13.48	-185.35	-263.63	403.30	-359.75	352.91	-309.37	189.49
		102	7.47	137.13	-357.50	-111.42	-108.95	247.31	236.38	-311.81	-311.57	236.15	11.35
		29	7.25	222.01	-224.00	63.88	-65.88	-213.36	17.60	-877.12	1.81	-861.32	-117.81
		154	10.01	163.14	-456.08	-61.02	-231.92	297.59	424.25	-99.13	-4.39	329.51	-201.52
24	126	38	6.04	134.86	-253.38	6.62	-125.14	-182.60	336.48	-51.08	265.20	20.21	150.15
		102	5.25	92.17	-248.72	-77.48	-79.07	170.44	56.69	-248.06	-234.14	42.77	-63.63
		29	5.10	151.90	-159.15	45.43	-52.68	-147.58	114.59	-500.62	97.15	-483.18	-102.10
		154	7.27	116.99	-309.86	-38.66	-154.21	205.46	395.93	-237.07	-57.60	216.46	-285.30
24	158	38	6.01	134.96	-253.98	6.21	-125.23	-183.03	324.25	-93.83	262.94	-32.52	147.90
		102	5.22	92.74	-248.55	-76.62	-79.20	170.64	78.83	-239.35	-231.83	71.30	-48.35
		29	5.10	151.81	-160.02	44.57	-52.77	-148.12	92.89	-526.71	77.17	-510.99	-97.45
		154	7.20	117.31	-309.83	-38.26	-154.27	205.54	375.42	-200.50	-46.97	221.89	-254.66
25	4	28	5.09	141.71	-262.40	17.52	-138.21	-186.45	1147.88	-80.64	-76.84	1144.08	68.20
		29	5.01	116.07	-205.76	31.67	-121.37	141.55	85.85	-1806.26	-10.12	-1710.30	415.17
		102	3.58	48.97	-250.41	-60.36	-141.07	-144.15	415.45	-282.39	-252.45	385.50	-141.42
		80	4.36	100.70	-276.31	-46.21	-129.41	183.86	308.35	-446.37	306.84	-444.86	-33.71
25	132	28	3.62	108.99	-183.24	21.88	-96.13	-133.67	1190.12	124.21	134.83	1179.50	-105.87
		29	4.06	82.17	-152.64	20.69	-91.17	103.23	-76.90	-1896.02	-157.29	-1815.63	373.87
		102	2.78	36.12	-180.81	-38.40	-106.29	-103.01	690.58	-247.70	-155.33	598.20	-279.54

		80	3.44	71.33	-201.20	-39.59	-90.27	133.89	204.06	-773.71	201.66	-771.32	48.34
25	164	28	3.58	108.00	-182.66	21.24	-95.90	-133.00	1060.09	82.31	87.75	1054.65	-72.74
		29	3.93	81.74	-151.65	20.67	-90.57	102.58	-41.21	-1728.65	-120.23	-1649.63	356.49
		102	2.71	36.13	-179.25	-38.48	-104.64	-102.48	577.70	-236.45	-160.73	501.98	-236.45
		80	3.34	70.75	-200.41	-39.05	-90.61	133.11	206.65	-635.15	205.46	-633.96	31.63
26	4	110	11.11	151.29	-387.32	-6.97	-229.05	-245.35	777.96	368.11	485.58	660.49	-185.33
		21	11.57	153.14	-412.89	-55.76	-203.98	273.14	-325.58	-418.12	-329.61	-414.10	-18.88
		14	8.24	16.45	-352.27	-43.02	-292.80	-135.61	693.87	298.82	513.17	479.52	-196.81
		12	12.99	45.08	-480.73	-68.45	-367.21	216.35	-507.25	-905.03	-699.90	-712.38	198.79
26	120	110	7.85	112.80	-255.94	2.28	-145.42	-168.94	548.39	122.29	237.17	433.50	-189.09
		21	8.32	105.00	-294.69	-39.87	-149.82	192.13	-58.09	-251.62	-59.34	-250.37	15.53
		14	5.48	4.37	-234.55	-32.78	-197.40	-86.58	187.58	135.70	148.06	175.22	-22.10
		12	10.56	23.65	-353.99	-56.53	-273.82	154.43	-234.46	-936.98	-394.49	-776.95	294.64
26	152	110	7.89	111.74	-260.43	0.73	-149.43	-170.27	547.90	147.12	258.42	436.61	-179.50
		21	8.29	105.89	-294.11	-39.78	-148.44	192.48	-96.78	-265.52	-97.20	-265.09	8.48
		14	5.57	5.75	-237.78	-32.55	-199.49	-88.66	259.11	164.13	201.15	222.08	-46.33
		12	10.27	25.44	-351.73	-55.01	-271.27	154.50	-263.55	-865.18	-415.18	-713.55	261.22
27	4	15	3.48	0.73	-50.97	-1.35	-48.89	-10.15	1116.86	-930.40	-772.93	959.39	-545.51
		78	5.41	36.66	-282.84	-217.45	-28.73	128.90	549.44	-195.12	371.60	-17.28	317.47
		17	3.75	17.78	-185.03	-86.78	-80.47	101.35	572.46	-269.68	536.04	-233.25	171.31
27	134	15	2.72	5.07	-37.90	3.98	-36.81	-6.76	836.25	-751.90	-597.92	682.27	-469.93
		78	3.96	25.59	-202.31	-157.09	-19.63	90.89	474.99	-164.47	306.39	4.13	281.76
		17	2.76	14.82	-132.90	-59.85	-58.23	73.85	516.28	-140.30	483.71	-107.74	142.55
27	166	15	2.67	3.19	-37.63	2.10	-36.54	-6.57	831.96	-730.71	-585.31	686.56	-453.95
		78	3.93	26.01	-201.15	-155.45	-19.69	91.06	454.78	-162.76	294.43	-2.41	270.76
		17	2.73	14.25	-132.52	-60.58	-57.68	73.37	494.95	-150.25	465.17	-120.47	135.39
28	4	44	4.59	76.05	-214.57	-73.86	-64.65	-145.24	217.53	-288.70	-283.06	211.89	-53.16
		78	3.39	114.99	-116.66	33.54	-35.21	110.61	217.60	129.73	136.48	210.85	23.39
		15	2.86	-18.01	-129.18	-63.54	-83.65	-54.67	-234.07	-610.44	-468.64	-375.87	-182.38
		121	2.14	33.90	-55.80	24.95	-46.84	26.89	533.56	-40.57	481.78	11.21	164.46
28	128	44	3.57	59.07	-160.15	-56.51	-44.57	-109.45	85.11	-225.07	-202.77	62.81	-80.13
		78	2.74	88.86	-86.10	29.15	-26.38	82.96	202.78	50.39	122.37	130.80	76.08
		15	2.18	-17.17	-103.31	-47.24	-73.23	-41.06	-167.50	-434.03	-334.42	-267.11	-128.95
		121	1.63	24.21	-39.34	20.46	-35.59	14.97	467.29	-13.59	428.34	25.36	131.20
28	160	44	3.53	58.42	-159.29	-56.50	-44.37	-108.69	93.20	-221.14	-202.92	74.98	-73.45
		78	2.68	88.07	-85.04	29.26	-26.23	81.99	194.65	61.30	117.74	138.21	65.89
		15	2.17	-16.63	-101.69	-47.37	-70.95	-40.87	-168.23	-438.12	-337.97	-268.37	-130.38
		121	1.62	24.50	-39.85	20.70	-36.06	15.15	455.77	-10.25	416.70	28.81	129.14
29	4	22	5.32	71.41	-190.09	-189.29	70.61	-14.42	-206.91	-1010.87	-1003.36	-214.42	-77.33
		44	7.50	44.65	-402.62	-251.51	-106.46	211.55	471.21	-20.76	471.12	-20.67	6.56
		121	2.18	110.20	-16.76	108.47	-15.03	-14.71	239.06	-282.69	21.98	-65.62	257.17
29	142	22	3.50	44.47	-136.26	-135.05	43.26	-14.74	-176.48	-597.53	-578.47	-195.54	-87.55
		44	5.38	38.09	-291.47	-183.89	-69.49	154.53	268.74	14.75	266.88	16.61	21.66
		121	1.61	78.17	-21.60	76.47	-19.91	-12.88	164.94	-173.67	33.46	-42.19	165.02
29	174	22	3.44	46.32	-132.67	-131.76	45.41	-12.76	-175.16	-588.78	-571.14	-192.80	-83.58
		44	5.32	35.78	-290.16	-182.73	-71.66	153.21	263.50	9.21	261.31	11.40	23.49
		121	1.59	78.30	-20.08	76.97	-18.75	-11.36	171.03	-170.72	35.13	-34.82	167.26
30	4	43	5.00	138.93	-188.12	-27.65	-21.53	-163.50	-9.08	-265.57	-48.95	-225.69	92.94
		44	5.46	107.93	-245.77	18.93	-156.77	153.49	142.99	-3.73	27.00	112.27	-59.70
		22	4.49	35.95	-207.13	-5.58	-165.60	-91.49	-109.06	-568.42	-110.86	-566.63	-28.66
		31	2.34	-4.01	-130.10	-10.31	-123.81	27.46	114.80	-58.22	-56.60	113.18	16.63
30	142	43	3.53	100.84	-131.16	-16.20	-14.13	-116.00	-9.43	-174.07	-37.29	-146.21	61.73
		44	3.94	75.17	-180.65	9.34	-114.81	111.83	75.04	-22.23	16.70	36.11	-47.65
		22	3.00	24.84	-144.94	-3.43	-116.67	-63.26	-41.89	-301.71	-41.89	-301.71	-0.06
		31	1.74	-3.67	-96.26	-10.20	-89.73	23.71	82.98	-64.30	-64.05	82.73	5.99
30	174	43	3.52	99.95	-131.54	-17.40	-14.19	-115.74	-10.22	-169.53	-37.74	-142.01	60.22
		44	3.90	74.93	-178.55	10.35	-113.97	110.45	74.80	-23.41	18.47	32.92	-48.57
		22	2.99	25.15	-143.89	-3.57	-115.17	-63.49	-45.98	-301.06	-45.99	-301.05	-1.84
		31	1.72	-3.14	-95.70	-9.06	-89.77	22.66	73.00	-64.84	-64.52	72.68	6.60
31	4	26	3.42	75.44	-126.29	-11.56	-39.29	-99.91	256.85	-573.81	225.00	-541.96	159.52
		43	3.72	52.49	-187.67	16.22	-151.40	86.00	-171.52	-293.16	-289.63	-175.05	20.41
		31	4.23	51.86	-194.82	-6.07	-136.89	-104.57	75.61	-642.64	-642.33	75.30	-14.82
		18	2.81	-8.61	-150.70	-9.73	-149.58	12.60	549.66	400.48	546.28	403.86	22.20
31	125	26	2.46	52.08	-90.16	-9.40	-28.68	-70.46	208.06	-405.79	181.20	-378.93	125.57
		43	2.53	36.59	-128.14	11.60	-103.14	59.10	-146.15	-229.24	-229.24	-146.15	-0.35
		31	3.12	36.38	-139.13	-4.16	-98.59	-73.97	153.34	-424.60	-424.56	153.30	-4.66
		18	2.06	-5.58	-104.05	-6.06	-103.57	6.86	343.94	310.07	313.57	340.44	10.30
31	157	26	2.46	52.35	-90.11	-9.28	-28.48	-70.58	206.43	-406.78	180.00	-380.35	124.55
		43	2.55	36.69	-129.12	11.60	-104.03	59.42	-137.41	-227.57	-227.48	-137.49	2.72
		31	3.10	36.76	-139.15	-4.13	-98.27	-74.30	124.92	-433.68	-433.64	124.88	-5.06
		18	2.04	-5.69	-104.33	-6.20	-103.82	7.10	337.61	321.29	328.56	330.34	8.11
32	4	122	2.67	30.68	-132.52	-0.04	-101.80	-63.79	-37.26	-556.79	-136.01	-458.04	203.85
		26	3.04	29.15	-116.92	-3.02	-84.75	60.54	179.56	-451.91	162.22	-434.58	103.18
		18	2.54	-0.42	-141.54	-8.84	-133.13	-33.42	367.85	164.61	251.31	281.15	-100.52
		124	3.60	15.70	-144.34	-7.52	-121.12	56.37	783.55	303.71	381.96	705.30	-177.27
32	118	122	1.94	21.30	-92.39	-0.33	-70.75	-44.63	-39.51	-483.84	-138.27	-385.08	184.73
		26	2.17	20.08	-82.84	-2.81	-59.96	42.80	144.35	-322.51	132.66	-310.82	72.95

		18	1.92	-0.90	-99.17	-6.40	-93.67	-22.59	283.43	94.92	118.54	259.80	-62.41
		124	2.79	10.88	-103.27	-5.57	-86.82	40.09	700.49	232.43	278.45	654.48	-139.36
32	150	122	1.93	21.39	-92.77	-0.33	-71.05	-44.81	-39.18	-458.37	-130.56	-366.99	173.07
		26	2.16	20.12	-82.69	-2.67	-59.90	42.71	142.78	-323.31	131.71	-312.24	70.96
		18	1.90	-0.79	-99.20	-6.37	-93.61	-22.78	277.16	107.70	133.61	251.25	-60.99
		124	2.72	11.02	-103.08	-5.44	-86.62	40.09	657.18	225.95	271.89	611.24	-133.03
33	4	21	2.59	65.67	-95.05	-9.47	-19.91	-80.19	126.08	-75.16	77.11	-26.19	-86.35
		122	2.74	56.99	-114.52	-6.25	-51.28	82.75	-14.75	-308.69	-14.83	-308.61	4.81
		124	2.42	-18.16	-99.12	-19.12	-98.16	-8.75	619.83	144.15	154.56	609.43	-69.58
		14	1.27	-18.24	-78.48	-18.34	-78.38	2.43	21.90	-106.50	-101.99	17.40	23.63
33	118	21	1.91	46.29	-67.12	-5.70	-15.14	-56.51	100.17	-112.51	57.11	-69.45	-85.47
		122	2.05	40.41	-81.41	-5.93	-35.07	59.14	-3.90	-287.45	-6.10	-285.25	24.89
		124	2.02	-12.39	-70.57	-12.87	-70.09	-5.25	622.43	120.21	125.95	616.69	-53.37
		14	1.11	-13.30	-55.82	-13.45	-55.67	2.53	161.55	-17.96	-15.10	158.70	22.47
33	150	21	1.89	46.26	-67.20	-6.11	-14.84	-56.56	96.72	-103.00	57.62	-63.90	-79.25
		122	2.02	40.37	-81.27	-5.51	-35.38	58.96	-6.98	-267.30	-8.72	-265.56	21.19
		124	1.94	-12.49	-70.49	-13.05	-69.93	-5.67	572.70	112.61	118.56	566.75	-51.99
		14	1.07	-13.31	-55.67	-13.43	-55.55	2.23	136.25	-26.19	-23.45	133.51	20.94
34	4	155	6.80	230.77	-364.85	-39.61	-94.48	-296.55	151.56	-433.28	65.80	-347.52	206.88
		28	7.50	214.10	-428.36	11.55	-225.81	298.51	503.66	38.76	141.56	400.86	-192.93
		80	7.51	183.43	-474.66	-40.96	-250.27	-311.96	-26.27	-320.92	-140.63	-206.56	143.59
		157	6.33	257.18	-314.28	10.19	-67.28	283.09	356.69	51.39	61.73	346.35	-55.22
34	135	155	4.79	158.17	-257.02	-31.21	-67.64	-206.79	184.26	-137.87	54.35	-7.96	158.02
		28	5.26	151.78	-293.23	13.47	-154.91	205.96	205.85	-264.06	-54.27	-3.95	-233.60
		80	5.59	125.44	-331.62	-33.62	-172.56	-217.71	430.63	-201.82	-108.94	337.76	223.86
		157	4.68	178.76	-215.78	11.05	-48.07	195.04	355.48	-140.66	46.53	168.29	-240.48
34	167	155	4.79	159.44	-256.43	-29.81	-67.17	-207.09	172.03	-157.78	55.57	-41.32	157.63
		28	5.24	152.04	-294.74	13.24	-155.93	206.76	213.42	-207.72	-19.72	25.42	-209.36
		80	5.53	125.92	-332.39	-32.86	-173.62	-218.08	341.40	-195.82	-109.33	254.91	197.44
		157	4.63	179.17	-216.62	10.19	-47.64	195.77	319.73	-96.45	47.63	175.65	-198.00
35	4	17	3.50	193.43	-105.61	54.87	32.94	-149.12	-469.46	-856.28	-474.72	-851.02	44.80
		155	5.90	110.00	-383.82	-35.37	-238.44	225.07	418.57	126.33	158.20	386.70	-91.09
		157	5.20	146.08	-297.97	17.49	-169.37	-201.41	354.59	-431.35	211.13	-287.88	303.60
		78	4.11	111.30	-234.96	-72.76	-50.90	172.78	589.75	-357.26	-332.92	565.41	-149.85
35	135	17	2.44	132.29	-80.85	29.49	21.95	-106.50	-115.88	-551.87	-116.74	-551.01	19.34
		155	4.35	77.36	-267.49	-23.76	-166.37	156.99	397.46	-105.93	47.27	244.27	-231.62
		157	3.78	100.99	-212.82	8.60	-120.43	-143.03	367.08	-79.08	197.32	90.69	216.62
		78	2.94	81.74	-159.47	-44.65	-33.08	120.47	325.10	-323.97	-276.74	277.88	-168.59
35	167	17	2.44	132.88	-79.56	31.43	21.89	-106.11	-166.39	-561.50	-167.83	-560.05	23.86
		155	4.30	77.92	-267.47	-23.22	-166.34	157.17	370.53	-59.79	63.97	246.77	-194.78
		157	3.76	101.12	-212.40	8.93	-120.21	-142.84	344.37	-123.37	187.84	33.15	220.71
		78	2.93	80.97	-160.21	-45.72	-33.52	120.44	345.43	-307.07	-267.45	305.82	-155.83
36	4	125	4.23	-21.19	-187.57	-21.89	-186.87	-10.71	1142.73	-246.04	222.37	674.33	-656.59
		127	5.65	7.83	-186.85	-73.88	-105.14	96.08	316.99	-1348.36	-105.64	-925.73	724.72
		62	6.58	178.70	-144.95	-9.91	43.65	-159.59	1007.25	-274.37	290.68	442.19	-636.32
		19	10.96	93.46	-320.85	-49.57	-177.82	196.98	-229.93	-3152.38	-630.31	-2752.00	1004.88
36	142	125	3.26	-16.17	-147.23	-16.71	-146.69	-8.35	876.95	-226.81	176.26	473.88	-531.44
		127	4.20	6.06	-145.45	-55.48	-83.91	74.41	141.68	-998.50	-115.59	-741.23	476.59
		62	5.14	141.02	-113.55	-9.09	36.56	-125.22	787.21	-191.74	214.98	380.48	-482.43
		19	8.35	72.84	-251.32	-37.40	-141.08	153.57	-181.57	-2342.82	-449.44	-2074.95	712.17
36	174	125	3.24	-16.41	-146.09	-16.96	-145.55	-8.38	869.77	-220.94	171.53	477.30	-523.48
		127	4.19	5.82	-144.16	-55.31	-83.03	73.70	160.38	-992.45	-104.54	-727.53	485.00
		62	5.10	139.63	-113.08	-9.18	35.73	-124.34	780.57	-190.00	220.09	370.48	-479.42
		19	8.31	72.62	-248.86	-36.84	-139.40	152.34	-179.70	-2338.44	-450.87	-2067.27	715.45
37	9	125	1.51	-0.09	-65.65	-40.20	-25.54	31.95	290.03	84.51	214.18	160.36	-99.17
		51	2.05	6.90	-100.49	-52.42	-41.17	53.40	166.16	-321.01	-319.59	164.74	26.28
		127	1.83	-6.14	-103.93	-97.38	-12.70	24.46	191.10	137.86	168.18	160.77	26.36
37	126	125	1.28	0.13	-53.52	-30.74	-22.65	26.52	304.76	67.56	284.43	87.89	-66.40
		51	1.58	5.46	-77.86	-38.71	-33.69	41.58	5.14	-237.63	-232.07	-0.41	36.31
		127	1.53	-5.23	-77.69	-71.15	-11.77	20.76	223.19	37.11	219.73	40.57	25.14
37	158	125	1.24	0.12	-52.42	-30.37	-21.93	25.93	280.60	71.32	255.38	96.55	-68.14
		51	1.56	5.36	-77.39	-38.88	-33.14	41.28	30.88	-236.55	-232.86	27.19	31.20
		127	1.49	-4.99	-77.70	-71.56	-11.14	20.23	198.31	56.33	194.65	59.98	22.48
38	4	51	1.56	23.02	-72.68	-30.49	-19.17	-47.51	365.52	146.26	355.34	156.44	-46.14
		63	2.46	-9.74	-105.48	-10.02	-105.21	5.09	180.06	-384.03	166.87	-370.84	85.24
		127	1.41	-16.87	-90.62	-17.03	-90.46	-3.42	144.53	43.97	141.02	47.48	18.45
38	128	51	1.28	16.99	-53.58	-20.67	-15.92	-35.21	338.32	94.61	338.26	94.67	-3.65
		63	1.97	-6.38	-79.22	-6.77	-78.82	5.37	223.62	-310.15	199.45	-285.98	110.98
		127	1.22	-11.72	-67.46	-11.72	-67.46	0.10	180.44	-37.79	167.74	-25.09	51.09
38	160	51	1.24	16.95	-54.11	-21.35	-15.81	-35.42	314.83	105.71	313.92	106.62	-13.77
		63	1.91	-6.38	-79.04	-6.72	-78.69	5.01	202.46	-288.17	184.02	-269.73	93.30
		127	1.15	-12.14	-67.26	-12.14	-67.26	-0.56	164.15	-8.07	154.53	1.55	39.55
39	11	127	1.58	-35.13	-91.67	-86.88	-39.91	15.74	402.02	-4.24	19.64	378.15	-95.55
		63	3.52	-6.32	-139.56	-67.77	-78.10	66.42	268.80	-605.22	-117.33	-219.09	434.04
		126	1.82	-3.15	-69.67	-48.84	-23.98	30.84	695.02	548.41	628.24	615.19	73.01
39	123	127	1.29	-26.26	-68.99	-66.22	-29.03	10.53	353.90	-66.44	-64.72	352.18	-26.82
		63	2.63	-4.79	-103.47	-50.91	-57.35	49.23	266.23	-424.89	-116.06	-42.59	343.60

		126	1.31	-1.57	-50.70	-39.12	-13.15	20.85	636.69	362.37	416.97	582.08	109.53
39	155	127	1.22	-26.41	-68.61	-65.69	-29.33	10.71	345.99	-44.26	-40.16	341.89	-39.79
		63	2.61	-4.64	-103.58	-50.76	-57.46	49.36	252.03	-418.40	-97.96	-68.41	334.89
		126	1.33	-1.73	-50.70	-38.22	-14.21	21.34	613.45	388.96	440.44	561.96	94.38
40	11	127	2.54	44.69	-28.66	6.81	9.22	36.66	992.63	83.32	704.56	371.39	423.04
		126	3.06	-23.81	-169.38	-40.50	-152.69	-46.38	672.13	419.39	627.62	463.91	-96.28
		62	9.36	51.71	-343.39	-181.87	-109.82	-194.24	-130.30	-1982.31	-1134.16	-978.44	-922.72
40	118	127	1.56	32.10	-20.72	5.78	5.60	26.41	541.48	66.51	355.93	252.05	231.74
		126	2.42	-16.27	-128.35	-31.64	-112.97	-38.56	543.29	284.94	368.57	459.66	-120.89
		62	7.09	39.95	-269.39	-146.00	-83.44	-151.47	-37.03	-1370.82	-773.39	-634.46	-663.27
40	150	127	1.63	32.25	-20.89	5.48	5.88	26.57	583.04	66.76	393.26	256.54	248.92
		126	2.40	-16.55	-127.98	-31.36	-113.17	-37.83	531.78	302.91	393.06	441.63	-111.83
		62	7.07	39.75	-266.88	-144.15	-82.99	-150.23	-48.18	-1392.08	-785.53	-654.73	-668.76
41	9	62	10.69	44.51	-419.16	-309.87	-64.78	196.79	-88.08	-2070.28	-1375.10	-783.27	945.90
		126	3.20	-2.46	-184.75	-136.23	-50.98	80.57	428.30	122.99	123.19	428.10	-7.87
		30	4.74	201.50	-26.54	161.40	13.56	-86.81	429.77	-544.07	408.21	-522.50	-143.31
41	117	62	7.96	34.63	-325.19	-239.05	-51.51	153.54	-49.82	-1413.18	-873.68	-589.33	666.69
		126	2.60	-1.79	-142.27	-104.12	-39.93	62.48	238.71	205.47	221.80	222.38	-16.62
		30	3.64	156.58	-22.01	124.39	10.17	-68.64	340.15	-340.14	318.32	-318.31	-119.89
41	149	62	7.99	34.04	-323.39	-238.23	-51.12	152.27	-53.41	-1448.96	-914.88	-587.49	678.30
		126	2.54	-1.87	-141.66	-103.82	-39.71	62.11	249.21	183.58	185.78	247.01	-11.81
		30	3.62	155.55	-20.83	123.89	10.83	-67.69	334.91	-357.58	315.01	-337.68	-115.69
42	4	63	2.13	-17.90	-72.96	-63.15	-27.71	-21.07	-103.67	-1114.37	-105.13	-1112.90	-38.45
		52	4.83	-30.60	-241.10	-30.82	-240.87	6.92	722.44	-714.37	-303.94	312.00	649.04
		30	3.90	18.85	-117.01	-50.83	-47.33	-67.91	-686.28	-1790.52	-689.77	-1787.03	-62.05
		126	3.62	3.78	-148.99	-5.49	-139.72	36.47	980.21	487.49	513.21	954.50	109.59
42	124	63	1.68	-14.76	-52.69	-46.46	-21.00	-14.06	-8.51	-867.85	-8.70	-867.66	12.65
		52	3.81	-25.68	-176.28	-25.84	-176.12	4.96	757.28	-546.57	-159.12	369.83	595.87
		30	3.11	14.43	-80.16	-35.01	-30.73	-47.24	-620.26	-1592.36	-621.84	-1590.78	-39.10
		126	2.67	2.90	-110.12	-3.96	-103.26	26.99	836.49	414.98	493.70	757.77	164.27
42	156	63	1.62	-14.60	-53.25	-46.52	-21.33	-14.65	-17.82	-845.89	-17.82	-845.89	0.54
		52	3.76	-24.35	-175.83	-24.51	-175.68	4.84	709.91	-529.85	-169.85	349.92	562.77
		30	3.05	14.16	-81.97	-35.92	-31.89	-48.03	-597.64	-1516.76	-599.45	-1514.95	-40.67
		126	2.69	2.82	-109.57	-3.84	-102.91	26.53	820.82	422.18	478.85	764.15	139.22
43	4	66	1.27	4.31	-60.46	-17.68	-38.47	-30.67	-28.70	-151.65	-73.41	-106.93	-59.15
		1	0.80	-0.35	-39.84	-5.16	-35.04	-12.91	49.83	-78.75	-78.16	49.24	8.70
		165	2.92	4.54	-142.87	-21.12	-117.22	-55.89	-22.11	-317.85	-44.61	-295.34	-78.42
43	119	66	0.97	4.29	-44.70	-13.90	-26.51	-23.67	-32.90	-138.71	-49.21	-122.40	-38.21
		1	0.59	-0.23	-28.92	-4.80	-24.35	-10.50	68.58	-53.88	-53.01	67.71	-10.29
		165	2.42	3.15	-102.03	-16.84	-82.03	-41.27	-6.98	-428.49	-42.66	-392.81	-117.34
43	151	66	0.96	4.11	-44.65	-13.69	-26.85	-23.48	-31.76	-129.01	-49.46	-111.31	-37.52
		1	0.59	-0.32	-29.00	-4.57	-24.74	-10.20	60.33	-54.02	-53.64	59.95	-6.63
		165	2.36	3.14	-102.60	-16.55	-82.91	-41.16	-8.73	-388.16	-40.87	-356.02	-105.65
44	3	165	15.23	0.12	-153.53	3.75e-04	-153.41	4.20	965.00	270.12	824.41	410.71	279.15
		120	8.85	77.35	-1.97	-1.92	77.30	1.90	404.12	-59.75	103.62	240.75	-221.56
		117	4.85	18.50	-27.82	4.63	-13.95	-21.22	-73.76	-302.47	-104.73	-271.49	78.26
		119	9.09	5.15	-73.24	-5.94	-62.16	27.32	-186.37	-561.67	-472.18	-275.86	-159.93
44	116	165	12.52	1.04	-118.97	0.76	-118.70	5.71	776.72	216.89	687.86	305.74	204.57
		120	6.66	60.21	-2.69	-2.69	60.20	-0.48	290.74	-38.22	75.17	177.36	-156.34
		117	3.20	15.33	-12.97	6.19	-3.84	-13.23	-64.29	-206.98	-75.20	-196.06	37.93
		119	7.91	0.07	-60.89	-6.16	-54.66	18.46	-166.12	-507.65	-471.09	-202.69	-105.60
44	148	165	12.29	0.72	-117.35	0.49	-117.12	5.21	767.27	214.28	675.08	306.47	206.11
		120	6.66	59.47	-2.52	-2.52	59.47	-0.14	294.20	-40.75	76.43	177.01	-159.75
		117	3.29	15.17	-14.22	5.82	-4.87	-13.69	-62.80	-210.49	-76.58	-196.72	42.96
		119	7.64	0.97	-59.32	-5.57	-52.77	18.75	-161.73	-487.64	-445.82	-203.55	-109.00
45	4	30	2.57	16.13	-98.32	-12.14	-70.05	49.36	-73.82	-567.70	-91.74	-549.79	92.34
		116	3.26	24.86	-166.57	3.83	-145.55	-59.85	-173.56	-388.27	-205.87	-355.96	76.77
		143	6.06	74.46	-309.76	-56.71	-178.59	-182.19	-81.62	-437.20	-156.64	-362.18	145.08
		25	4.81	167.41	-136.99	32.06	-1.64	151.26	460.80	26.77	60.65	426.91	-116.44
45	117	30	1.64	7.58	-71.76	-11.78	-52.40	34.08	-14.91	-269.19	-22.62	-261.49	43.59
		116	2.29	16.32	-121.01	2.35	-107.04	-41.52	-155.20	-240.19	-184.36	-211.03	40.35
		143	4.58	54.45	-229.91	-42.23	-133.24	-134.70	-1.94	-223.28	-100.92	-124.30	110.05
		25	3.60	123.43	-101.82	23.76	-2.15	111.88	265.18	-18.75	33.66	212.77	-110.16
45	149	30	1.67	8.00	-71.65	-11.41	-52.24	34.20	-26.82	-295.91	-35.05	-287.68	46.34
		116	2.28	16.60	-120.88	2.51	-106.79	-41.70	-139.10	-242.67	-173.17	-208.61	48.66
		143	4.53	54.20	-229.23	-42.19	-132.84	-134.27	-25.55	-246.26	-104.19	-167.62	105.70
		25	3.57	123.20	-101.19	23.78	-1.77	111.47	280.68	-3.54	37.86	239.28	-100.26
46	3	170	4.86	12.29	-40.25	6.78	-34.73	-16.11	315.07	-73.01	-65.66	307.72	-52.89
		169	8.08	7.94	-30.37	-13.56	-8.88	19.01	471.16	-434.67	461.98	-425.49	-90.70
		167	8.27	63.75	3.76	6.70	60.81	-12.95	648.95	97.77	108.67	638.05	-76.72
		23	9.77	-6.66	-84.20	-13.63	-77.23	22.17	38.06	-661.91	-10.09	-613.75	177.17
46	120	170	3.61	10.33	-25.70	6.38	-21.74	-11.26	271.79	-53.03	-30.21	248.98	-83.01
		169	6.27	4.58	-23.17	-11.34	-7.26	13.72	365.58	-334.65	355.49	-324.56	-83.44
		167	6.27	42.41	3.19	5.09	40.51	-8.43	531.72	115.75	133.15	514.31	-83.29
		23	7.63	-6.64	-58.40	-12.63	-52.40	16.56	-12.68	-572.55	-52.51	-532.73	143.91
46	152	170	3.53	9.89	-25.75	5.99	-21.86	-11.12	259.57	-51.12	-33.25	241.70	-72.33
		169	6.11	4.61	-22.59	-10.88	-7.09	13.47	355.15	-329.08	345.96	-319.89	-78.79

		167	6.14	42.34	3.08	4.98	40.44	-8.43	514.84	106.09	120.88	500.05	-76.35
		23	7.40	-6.21	-57.76	-11.90	-52.06	16.16	-4.70	-546.43	-42.85	-508.29	138.59
47	4	13	3.98	16.48	-152.38	10.07	-145.97	-32.28	379.92	-546.94	326.35	-493.37	-216.28
		66	2.43	5.73	-134.44	5.50	-134.22	5.60	45.38	-69.25	40.72	-64.58	-22.65
		119	2.79	-1.62	-128.66	-3.84	-126.44	-16.64	419.15	-167.05	418.91	-166.81	11.95
		116	3.88	5.34	-182.11	4.37	-181.14	-13.45	293.96	-316.63	293.86	-316.52	7.89
47	119	13	2.94	12.03	-109.19	6.86	-104.02	-24.48	273.86	-443.84	259.31	-429.28	-101.15
		66	1.68	4.96	-96.96	4.86	-96.86	3.19	27.71	2.63	27.69	2.65	0.58
		119	2.39	-1.06	-93.32	-2.81	-91.58	-12.56	269.15	-372.14	268.81	-371.80	14.69
		116	2.74	4.97	-130.85	3.77	-129.65	-12.69	306.77	-134.99	306.64	-134.87	7.43
47	151	13	2.91	11.90	-109.33	6.91	-104.33	-24.10	274.47	-423.49	256.24	-405.27	-111.30
		66	1.70	4.87	-97.46	4.74	-97.34	3.52	28.95	-2.73	28.91	-2.70	1.05
		119	2.30	-1.14	-93.20	-2.82	-91.53	-12.29	281.50	-306.91	281.23	-306.64	12.62
		116	2.72	4.68	-131.21	3.60	-130.13	-12.04	285.69	-134.67	285.58	-134.56	6.82
48	4	116	6.17	52.29	-283.60	41.19	-272.49	-60.05	678.43	-119.75	657.79	-99.11	-126.70
		119	4.77	2.53	-240.93	-47.24	-191.16	98.18	291.35	-296.90	235.26	-240.81	172.76
		101	7.52	296.73	-156.84	-6.65	146.55	-213.46	277.89	-350.36	-85.94	13.48	-310.17
		143	10.82	150.32	-465.48	4.41	-319.56	261.84	442.99	-648.53	235.92	-441.46	427.95
48	120	116	4.53	37.40	-205.83	28.88	-197.31	-44.73	573.85	-69.36	521.58	-17.10	-175.74
		119	3.44	2.20	-171.17	-32.91	-136.06	69.67	239.23	-222.38	189.63	-172.78	142.95
		101	5.66	212.90	-113.98	-6.72	105.64	-153.49	294.47	-341.10	-47.31	0.68	-316.88
		143	8.30	108.59	-333.40	4.79	-229.60	187.36	332.89	-795.95	154.91	-617.97	411.38
48	152	116	4.51	37.66	-206.53	29.24	-198.10	-44.56	550.43	-63.75	506.01	-19.33	-159.09
		119	3.46	2.18	-172.66	-33.37	-137.10	70.37	239.62	-215.75	193.21	-169.34	137.76
		101	5.64	214.10	-114.30	-6.21	106.01	-154.32	279.64	-325.01	-49.70	4.33	-301.12
		143	8.24	109.06	-335.39	4.32	-230.65	188.63	328.74	-738.72	156.77	-566.75	392.42
49	4	119	0.89	7.37	-27.91	5.41	-25.96	8.08	293.40	11.32	293.33	11.39	-4.56
		66	2.84	18.37	-154.92	13.95	-150.51	-27.30	-8.66	-69.50	-23.78	-54.38	-26.29
		101	7.57	95.77	-349.74	-32.18	-221.79	-201.57	-17.88	-515.30	-221.55	-311.63	-244.60
49	116	119	0.77	4.41	-19.34	3.20	-18.14	5.22	233.56	-63.72	207.27	-37.43	84.40
		66	2.05	14.08	-111.78	10.72	-108.42	-20.28	13.75	-65.71	-22.64	-29.32	-39.59
		101	5.83	68.63	-251.04	-24.61	-157.80	-145.30	0.21	-597.06	-223.44	-373.41	-289.07
49	148	119	0.73	4.48	-19.52	3.20	-18.24	5.39	228.77	-37.39	210.88	-19.51	66.64
		66	2.05	14.07	-112.42	10.79	-109.13	-20.12	5.71	-57.01	-25.22	-26.08	-31.36
		101	5.78	69.03	-252.37	-24.35	-158.99	-145.91	-2.56	-555.64	-214.64	-343.57	-268.92
50	9	86	4.83	33.75	-49.63	17.69	-33.57	-32.88	851.40	-897.35	10.39	-56.35	873.74
		96	8.93	7.20	-53.15	-0.04	-45.91	19.61	-190.70	-3341.53	-568.91	-2963.32	1024.03
		63	1.29	-12.52	-58.63	-19.30	-51.85	16.33	-105.17	-308.93	-244.34	-169.76	-94.81
		51	1.48	-6.21	-55.21	-12.63	-48.79	-16.53	398.93	70.36	394.82	74.47	-36.54
50	140	86	3.36	24.95	-33.50	14.89	-23.44	-22.06	595.86	-632.13	4.93	-41.20	613.56
		96	6.35	5.62	-40.43	-0.11	-34.70	15.20	-171.56	-2368.12	-449.79	-2089.89	730.57
		63	0.95	-6.40	-44.71	-13.11	-37.99	14.57	-70.31	-201.33	-184.79	-86.85	-43.51
		51	1.03	-4.67	-41.05	-9.27	-36.46	-12.08	268.29	53.05	267.91	53.44	-9.08
50	172	86	3.37	24.88	-33.87	14.47	-23.45	-22.43	599.22	-628.21	9.82	-38.80	613.23
		96	6.33	5.50	-40.14	-0.03	-34.60	14.90	-167.05	-2361.50	-442.06	-2086.49	726.55
		63	0.94	-6.89	-44.46	-13.35	-38.00	14.17	-69.63	-201.23	-181.05	-89.82	-47.43
		51	1.04	-4.44	-40.92	-9.17	-36.19	-12.25	270.47	52.89	269.73	53.63	-12.69
51	9	172	11.17	-3.63	-143.56	-139.45	-7.75	23.63	474.91	-260.27	460.75	-246.11	101.04
		180	7.75	-11.43	-90.81	-84.63	-17.62	-21.28	169.68	-361.52	-325.16	133.31	-134.15
		92	9.38	67.91	-70.87	29.55	-32.51	-62.06	90.07	-461.30	25.70	-396.94	-177.04
		179	6.44	66.35	-16.35	35.97	14.03	39.87	549.40	-2.67	4.75	541.98	63.58
51	134	172	7.51	-2.67	-98.75	-95.90	-5.52	16.30	306.67	-183.42	296.62	-173.37	69.45
		180	5.19	-7.87	-63.16	-59.03	-12.00	-14.54	110.23	-235.59	-219.95	94.59	-71.86
		92	6.76	47.16	-49.37	19.92	-22.13	-43.44	24.52	-378.05	-21.29	-332.24	-127.84
		179	4.81	45.64	-12.66	23.66	9.31	28.25	416.37	13.28	21.03	408.61	55.36
51	166	172	7.56	-2.68	-98.83	-95.99	-5.51	16.27	312.24	-183.06	302.11	-172.93	70.10
		180	5.23	-7.85	-62.94	-58.79	-12.00	-14.55	111.77	-239.01	-221.41	94.17	-76.58
		92	6.69	47.01	-49.28	19.89	-22.16	-43.31	33.61	-363.98	-11.60	-318.77	-126.22
		179	4.73	45.54	-12.39	23.81	9.34	28.05	408.28	9.12	16.31	401.08	53.10
52	4	67	2.80	-4.57	-102.51	-25.28	-81.80	-39.99	29.80	-634.79	-580.44	-24.56	-182.12
		37	1.87	30.09	-48.92	3.72	-22.54	37.26	388.71	118.71	198.87	308.54	123.36
		1	2.58	-18.26	-106.04	-18.32	-105.99	-2.19	-127.60	-387.29	-218.63	-296.26	-123.91
		66	1.43	10.35	-48.68	-20.79	-17.54	-29.47	149.87	-89.87	-65.04	125.04	-73.05
52	116	67	1.96	-4.76	-73.08	-19.92	-57.91	-28.39	167.62	-389.15	-378.18	156.65	-77.40
		37	1.49	22.31	-30.91	6.14	-14.73	24.48	543.75	262.56	278.17	528.14	64.38
		1	2.23	-14.34	-77.98	-14.45	-77.87	-2.66	-228.64	-429.30	-264.99	-392.95	-77.29
		66	1.17	13.44	-35.70	-13.96	-8.30	-24.41	190.30	17.35	49.12	158.53	-66.97
52	148	67	1.90	-4.54	-73.43	-19.66	-58.32	-28.51	140.76	-389.06	-376.18	127.88	-81.62
		37	1.37	22.32	-31.71	5.53	-14.92	25.00	477.82	227.88	247.49	458.21	67.21
		1	2.14	-14.15	-78.02	-14.23	-77.94	-2.28	-201.62	-390.78	-244.06	-348.34	-78.91
		66	1.14	12.69	-35.66	-14.06	-8.92	-24.04	171.87	4.01	30.87	145.01	-61.55
53	3	53	5.39	-32.48	-93.62	-33.54	-92.56	-8.01	1262.25	-824.10	-637.68	1075.83	-595.14
		67	1.92	-21.66	-62.23	-24.34	-59.55	10.08	-71.55	-658.10	-639.73	-89.93	-102.18
		66	2.60	7.10	-87.60	-3.46	-77.04	29.81	263.73	-211.85	-6.36	58.23	-235.59
		13	6.88	5.20	-140.50	-13.88	-121.42	-49.15	1014.51	-1021.95	640.98	-648.43	-788.13
53	137	53	3.70	-21.08	-70.21	-21.94	-69.35	-6.43	812.93	-566.87	-456.89	702.95	-373.70
		67	1.31	-16.02	-45.67	-17.39	-44.30	6.23	-97.59	-454.52	-449.71	-102.40	-41.16

		66	1.86	7.82	-64.26	-1.04	-55.40	23.66	178.11	-102.41	11.63	64.06	-137.79
		13	4.78	2.98	-104.19	-10.09	-91.11	-35.07	708.33	-663.36	447.64	-402.67	-538.17
53	169	53	3.69	-21.41	-70.48	-22.22	-69.66	-6.27	813.51	-563.28	-450.31	700.54	-377.86
		67	1.27	-16.22	-45.35	-17.66	-43.91	6.31	-69.05	-437.89	-430.91	-76.03	-50.26
		66	1.83	7.81	-64.03	-1.07	-55.15	23.65	171.83	-97.85	14.66	59.31	-132.98
		13	4.76	2.94	-103.80	-10.02	-90.84	-34.87	708.51	-656.15	453.10	-400.74	-532.27
54	3	99	2.54	24.75	-65.70	13.88	-54.83	-29.41	-217.43	-657.66	-637.27	-237.81	92.51
		73	1.55	65.58	15.02	51.81	28.79	22.50	270.64	-106.72	190.80	-26.88	-154.12
		37	2.35	7.00	-80.85	-23.97	-49.89	41.97	400.86	177.05	186.31	391.60	-44.57
		67	2.63	56.61	-41.58	6.90	8.12	-49.09	305.72	-539.49	-535.17	301.40	-60.27
54	116	99	2.16	16.66	-48.23	8.78	-40.36	-21.19	47.33	-484.56	-480.67	43.44	45.36
		73	1.39	47.51	12.04	38.21	21.34	15.60	365.11	-126.54	304.89	-66.31	-161.19
		37	2.20	4.86	-56.83	-16.51	-35.46	29.35	561.42	246.18	270.34	537.26	-83.86
		67	1.68	40.62	-30.12	5.01	5.49	-35.37	18.30	-439.53	-438.43	17.20	-22.40
54	148	99	2.07	16.86	-48.55	8.90	-40.59	-21.39	-3.24	-479.84	-475.28	-7.79	46.37
		73	1.30	47.82	11.93	38.31	21.44	15.84	332.18	-103.64	276.25	-47.72	-145.76
		37	2.08	4.67	-57.28	-16.92	-35.69	29.51	495.92	220.45	240.47	475.91	-71.51
		67	1.68	40.73	-30.09	5.13	5.51	-35.41	51.69	-421.91	-420.97	50.74	-21.13
55	4	162	1.49	37.42	-10.21	26.05	1.16	-20.30	298.48	-81.52	298.18	-81.22	10.65
		99	3.47	11.23	-78.58	-22.09	-45.26	43.39	-328.52	-1159.34	-1130.53	-357.33	152.01
		67	3.71	30.66	-59.01	16.46	-44.81	32.73	521.90	-525.10	-450.11	446.91	-269.99
		53	3.49	-9.44	-44.48	-25.04	-28.88	-17.42	939.82	-536.17	-512.60	916.24	185.04
55	113	162	0.97	27.70	-8.04	19.30	0.37	-15.16	209.20	66.48	209.20	66.48	0.18
		99	2.93	8.53	-59.57	-17.41	-33.64	33.07	-398.70	-917.90	-806.51	-510.09	213.14
		67	2.91	24.07	-44.41	13.60	-33.94	24.64	471.93	-368.25	-322.82	426.50	-190.01
		53	2.21	-6.66	-33.62	-18.10	-22.18	-13.32	457.10	-438.61	-385.94	404.42	210.74
55	145	162	0.97	27.63	-8.14	19.26	0.23	-15.15	202.52	33.02	202.43	33.11	4.05
		99	2.78	8.66	-58.84	-16.87	-33.31	32.74	-358.72	-867.77	-786.11	-440.39	186.82
		67	2.81	23.52	-44.33	13.11	-33.91	24.46	425.30	-369.57	-322.83	378.57	-186.98
		53	2.22	-6.54	-33.41	-18.15	-21.79	-13.31	495.27	-407.16	-366.69	454.81	186.76
56	4	15	11.24	-7.20	-340.51	-272.86	-74.85	-134.06	1615.76	-532.99	1355.53	-272.76	701.04
		17	2.63	11.33	-57.14	-56.18	10.38	-8.02	682.68	-235.71	414.71	32.26	-417.49
		49	7.00	31.22	-123.64	-72.98	-19.44	-72.66	-143.59	-1905.03	-1701.38	-347.24	-563.25
		131	5.10	42.40	-171.35	-15.07	-113.88	-94.77	659.27	-572.90	-423.35	509.71	-402.37
56	135	15	7.91	-15.26	-253.24	-206.04	-62.45	-94.89	1213.34	-104.24	1062.08	47.02	420.02
		17	1.68	6.85	-41.77	-41.65	6.73	-2.39	347.57	-245.21	132.17	-29.80	-285.11
		49	5.44	28.08	-86.07	-48.04	-9.95	-53.80	40.13	-1528.50	-1439.09	-49.28	-363.68
		131	3.66	35.29	-127.49	-8.86	-83.34	-72.37	275.02	-537.11	-468.14	206.06	-226.40
56	167	15	7.98	-13.44	-252.60	-205.02	-61.02	-95.47	1211.06	-161.20	1048.96	0.90	442.91
		17	1.72	6.99	-41.64	-41.47	6.82	-2.85	376.83	-225.84	164.97	-13.99	-287.75
		49	5.33	27.50	-86.85	-48.87	-10.47	-53.86	5.60	-1483.14	-1382.86	-94.69	-373.14
		131	3.68	34.33	-127.22	-9.43	-83.46	-71.80	313.70	-515.23	-438.32	236.79	-240.49
57	4	50	4.68	20.15	-130.78	-101.48	-9.15	59.70	338.51	-662.94	-7.78	-316.66	-476.31
		131	6.50	13.60	-163.16	-109.93	-39.63	81.09	1500.78	-910.40	-892.50	1482.88	-206.98
		49	13.16	42.14	-131.30	16.76	-105.92	61.30	2059.18	-2774.72	1522.95	-2238.49	1518.07
57	129	50	3.45	8.19	-98.38	-81.61	-8.59	38.81	224.54	-550.58	-6.35	-319.69	-354.48
		131	4.76	25.32	-116.92	-70.25	-21.35	66.78	1098.64	-642.54	-631.38	1087.49	-138.91
		49	9.65	24.10	-95.66	9.58	-81.14	39.09	1183.82	-2354.15	900.83	-2071.16	959.75
57	161	50	3.42	9.71	-97.79	-80.23	-7.85	39.74	228.61	-523.56	-0.41	-294.54	-346.14
		131	4.73	22.98	-117.18	-71.70	-22.50	65.62	1087.89	-645.54	-633.67	1076.02	-142.96
		49	9.56	25.10	-95.46	9.75	-80.11	40.18	1248.69	-2261.08	943.29	-1955.68	989.24
58	4	31	4.40	-49.86	-143.27	-57.93	-135.20	-26.24	-114.81	-847.37	-155.03	-807.15	-166.87
		22	5.01	22.95	-94.56	-11.90	-59.71	-53.67	1489.19	212.28	225.25	1476.22	128.06
		58	5.49	51.74	-108.06	9.03	-65.35	-70.71	-501.27	-1941.79	-559.55	-1883.52	283.82
		57	3.35	37.53	-111.30	27.17	-100.94	-37.88	634.83	-205.08	429.47	0.28	360.99
58	135	31	2.82	-26.43	-96.39	-35.42	-87.40	-23.41	-167.25	-525.73	-180.97	-512.01	-68.77
		22	3.69	35.85	-67.05	7.99	-39.19	-45.72	963.99	124.44	157.38	931.05	163.01
		58	3.70	23.85	-80.45	-9.26	-47.34	-48.55	-491.59	-1341.09	-528.99	-1303.68	174.28
		57	2.43	28.54	-78.71	18.44	-68.62	-31.32	506.48	-88.30	386.93	31.24	238.35
58	167	31	2.80	-27.79	-96.18	-36.16	-87.81	-22.41	-152.44	-512.84	-167.78	-497.50	-72.76
		22	3.62	32.85	-67.30	5.50	-39.96	-44.62	950.80	122.72	151.38	922.14	151.34
		58	3.66	25.65	-78.98	-6.60	-46.73	-48.32	-452.30	-1314.61	-489.14	-1277.77	174.39
		57	2.38	28.27	-79.05	18.63	-69.41	-30.69	475.33	-98.82	359.70	16.80	230.25
59	4	18	9.09	-2.59	-292.86	-71.23	-224.22	-123.34	976.72	-1088.17	-325.21	213.77	-996.65
		31	3.90	-28.18	-95.20	-52.38	-71.01	-32.19	146.50	-897.69	-36.03	-715.15	-396.59
		57	4.98	41.65	-161.09	22.19	-141.64	-59.71	606.12	-344.74	205.34	56.04	469.54
		34	11.13	69.55	-131.00	59.05	-120.50	44.67	591.82	-2885.31	125.63	-2419.12	1184.76
59	126	18	6.09	-2.96	-207.45	-50.49	-159.92	-86.37	812.39	-679.81	-275.24	407.81	-663.34
		31	2.45	-17.22	-65.71	-36.32	-46.62	-23.69	234.04	-438.61	86.99	-291.56	-278.01
		57	3.25	29.28	-115.71	16.12	-102.55	-41.65	204.66	-257.00	-20.34	-32.00	230.76
		34	7.52	49.43	-89.33	42.41	-82.30	30.42	197.57	-2065.38	-100.14	-1767.68	764.89
59	158	18	6.15	-2.37	-208.03	-50.38	-160.01	-87.00	762.81	-693.67	-263.59	332.73	-664.41
		31	2.47	-15.81	-65.80	-35.84	-45.77	-24.50	200.92	-462.49	60.04	-321.61	-271.32
		57	3.30	29.29	-115.98	15.91	-102.60	-42.01	241.84	-248.72	7.89	-14.77	245.02
		34	7.42	49.42	-88.55	42.63	-81.77	29.84	255.15	-1996.32	-46.06	-1695.11	766.45
60	3	124	4.97	-69.21	-154.64	-123.32	-100.53	-41.16	1573.18	-180.64	-133.96	1526.49	-282.30
		18	9.58	-35.23	-274.52	-146.30	-163.45	-119.34	1609.72	-530.05	182.70	896.97	1008.52

		34	12.51	101.19	-156.38	-155.74	100.55	-12.82	322.06	-4658.35	-1713.24	-2623.05	-2448.30
60	122	124	4.11	-48.24	-111.14	-86.88	-72.50	-30.62	1374.81	76.17	94.73	1356.26	-154.11
		18	7.74	-24.74	-196.74	-104.20	-117.28	-85.75	1399.55	-557.03	217.45	625.07	956.82
		34	9.27	72.71	-109.26	-108.80	72.25	-9.12	255.46	-3421.64	-1179.89	-1986.29	-1793.79
60	154	124	3.97	-47.90	-110.88	-86.24	-72.54	-30.74	1306.37	34.20	55.12	1285.45	-161.78
		18	7.40	-24.50	-196.93	-104.08	-117.35	-85.96	1287.42	-505.47	183.87	598.08	872.19
		34	8.93	73.30	-109.41	-109.03	72.93	-8.30	244.48	-3274.15	-1148.92	-1880.75	-1720.84
61	4	32	5.82	57.90	-93.02	-50.61	15.50	67.84	473.47	-1081.31	-897.47	289.63	502.04
		124	3.79	-70.69	-135.52	-84.06	-122.14	26.23	-216.04	-704.00	-411.28	-508.76	239.07
		34	9.34	58.07	-167.92	48.33	-158.17	45.91	-44.93	-2262.14	-83.41	-2223.67	289.53
61	117	32	3.88	39.97	-63.78	-32.62	8.81	47.56	350.29	-679.49	-559.62	230.41	330.27
		124	2.28	-47.53	-94.84	-55.82	-86.54	17.99	-81.87	-302.37	-122.93	-261.31	85.83
		34	6.69	41.19	-117.25	34.67	-110.73	31.48	95.69	-1575.94	79.15	-1559.40	165.46
61	149	32	3.86	40.10	-63.87	-32.51	8.74	47.72	334.47	-680.24	-562.48	216.72	324.99
		124	2.33	-48.07	-94.18	-56.20	-86.05	17.57	-100.74	-335.19	-155.92	-280.02	99.46
		34	6.54	41.37	-117.03	34.77	-110.42	31.67	66.43	-1533.25	48.59	-1515.41	167.98
62	4	14	4.64	-31.56	-204.88	-195.47	-40.97	-39.27	104.16	-507.76	26.48	-430.09	203.71
		124	2.90	-32.23	-103.69	-33.48	-102.43	9.38	355.11	-630.77	-24.56	-251.09	-479.75
		32	8.93	55.65	-152.57	-44.52	-52.40	-104.04	-745.01	-2705.68	-2255.61	-1195.09	-824.55
62	113	14	4.23	-21.11	-144.44	-138.15	-27.40	-27.13	631.25	-71.80	516.24	43.20	260.05
		124	1.80	-25.57	-69.81	-26.39	-68.99	5.97	292.64	-248.61	34.93	9.09	-270.32
		32	6.75	41.15	-105.36	-30.34	-33.86	-73.23	-431.65	-2102.41	-1787.96	-746.10	-653.06
62	145	14	3.96	-21.70	-144.93	-138.66	-27.97	-27.09	485.42	-130.22	388.64	-33.44	224.09
		124	1.78	-25.25	-69.94	-26.14	-69.04	6.26	279.14	-279.31	28.11	-28.28	-277.80
		32	6.51	41.30	-105.30	-30.18	-33.82	-73.28	-437.03	-1991.30	-1683.45	-744.88	-619.44
63	4	12	6.66	-17.06	-170.14	-29.37	-157.83	41.62	40.85	-1421.42	-189.43	-1191.14	532.64
		14	6.86	-34.45	-208.28	-36.83	-205.91	20.19	151.33	-1787.79	-945.21	-691.25	961.21
		32	8.20	43.19	-111.57	42.81	-111.19	-7.67	245.52	-2482.46	-491.31	-1745.63	-1211.25
		59	5.34	46.06	-101.16	27.00	-82.09	49.43	851.91	-442.56	-250.42	659.77	-460.22
63	117	12	3.99	-8.47	-113.50	-17.51	-104.45	29.47	-235.59	-873.12	-398.08	-710.62	277.83
		14	3.76	-21.66	-146.44	-22.97	-145.12	12.74	711.73	-512.13	23.43	176.17	607.15
		32	6.04	30.82	-76.00	30.51	-75.69	-5.69	154.13	-1840.46	-291.16	-1395.17	-830.60
		59	3.31	30.10	-71.10	19.15	-60.15	31.44	562.50	-120.62	-23.99	465.87	-238.06
63	149	12	4.09	-9.43	-114.75	-18.52	-105.66	29.58	-184.86	-884.16	-345.60	-723.43	294.22
		14	3.95	-22.57	-146.85	-23.94	-145.48	12.98	573.89	-662.37	-112.50	24.01	614.35
		32	5.85	31.41	-76.03	31.15	-75.77	-5.27	160.75	-1764.80	-292.39	-1311.66	-816.83
		59	3.39	31.40	-71.57	19.94	-60.10	32.39	556.65	-162.67	-65.59	459.57	-245.78
64	4	115	3.49	39.21	-45.82	36.50	-43.12	-14.93	-221.33	-1028.41	-222.49	-1027.24	-30.63
		12	6.59	39.72	-213.27	-2.37	-171.19	-94.21	-127.25	-859.81	-257.46	-729.60	-280.06
		59	3.36	16.94	-124.00	-90.01	-17.04	-60.29	309.26	-514.36	-470.79	265.69	184.37
64	120	115	3.15	33.58	-35.87	32.14	-34.43	-9.93	-266.24	-1010.31	-270.95	-1005.60	-59.01
		12	5.35	31.68	-161.01	1.15	-130.47	-70.37	9.40	-746.88	-170.90	-566.58	-322.25
		59	2.28	17.22	-88.55	-62.48	-8.85	-45.59	191.51	-232.63	-178.15	137.02	141.92
64	152	115	2.99	32.45	-34.84	31.01	-33.41	-9.72	-244.64	-945.11	-247.86	-941.89	-47.38
		12	5.17	30.90	-158.32	0.81	-128.24	-69.19	-15.04	-708.72	-171.22	-552.55	-289.73
		59	2.26	16.81	-88.78	-62.78	-9.18	-45.49	187.23	-248.16	-197.78	136.85	139.28
65	4	6	4.15	31.61	-140.48	-11.47	-97.40	-74.55	674.36	510.06	577.44	606.98	80.81
		115	3.69	21.98	-30.17	-19.08	10.89	21.34	-385.32	-1376.77	-1114.01	-648.08	437.57
		59	4.30	5.92	-127.32	-5.56	-115.84	37.38	579.84	-517.52	8.50	53.82	-548.21
		61	5.53	82.53	-129.25	37.88	-84.60	86.39	519.38	-393.00	-65.66	192.03	-437.62
65	120	6	2.89	21.12	-99.94	-8.81	-70.01	-52.22	415.54	-136.61	415.54	-136.61	0.98
		115	3.02	22.08	-20.99	-14.41	15.50	15.50	-284.75	-1135.35	-918.68	-501.42	370.61
		59	2.91	9.33	-96.58	-0.56	-86.68	30.83	266.25	-290.49	-64.44	40.19	-273.41
		61	4.42	65.51	-86.99	31.51	-52.99	63.47	1027.35	378.77	552.52	853.59	-287.23
65	152	6	2.67	20.82	-100.41	-9.25	-70.35	-52.35	401.12	-39.52	400.73	-39.13	13.04
		115	2.90	21.02	-20.62	-14.23	14.63	15.01	-277.85	-1088.15	-887.00	-479.00	350.04
		59	2.90	8.66	-95.69	-0.76	-86.27	29.90	277.86	-295.94	-55.74	37.66	-283.07
		61	4.26	65.02	-86.52	31.76	-53.25	62.72	892.27	251.02	426.82	716.47	-286.06
66	4	138	1.98	-17.90	-67.13	-52.19	-32.84	-22.63	553.94	-132.19	438.56	-16.80	-256.62
		6	4.24	-6.28	-120.54	-31.27	-95.56	47.23	871.89	172.88	398.24	646.53	-326.71
		61	4.00	94.98	-101.90	67.62	-74.54	-68.09	84.40	-201.50	-170.03	52.93	89.49
		60	3.27	93.05	-20.62	81.09	-8.66	34.88	626.22	239.57	546.10	319.68	156.71
66	121	138	1.11	-15.73	-45.82	-36.48	-25.07	-13.92	130.91	-128.49	76.67	-74.25	-105.49
		6	3.12	-7.31	-89.10	-26.62	-69.79	34.74	728.05	364.40	397.13	695.32	-104.07
		61	3.92	71.53	-66.04	54.22	-48.73	-45.63	-323.71	-929.57	-905.01	-348.27	119.48
		60	3.51	68.12	-18.73	58.09	-8.70	27.76	943.94	255.40	835.83	363.51	250.50
66	153	138	1.09	-15.23	-44.16	-35.75	-23.64	-13.14	182.99	-115.93	126.76	-59.70	-116.82
		6	3.04	-7.20	-89.66	-26.76	-70.10	35.07	666.86	312.79	367.73	611.92	-128.19
		61	3.67	71.69	-64.91	54.85	-48.06	-44.91	-215.27	-754.18	-730.25	-239.20	111.02
		60	3.28	67.69	-19.24	57.62	-9.18	27.82	842.63	238.77	748.92	332.48	218.65
67	4	2	8.30	-9.55	-95.33	-13.81	-91.07	-18.65	2968.85	418.49	446.29	2941.05	-264.79
		137	5.60	17.76	-218.00	-121.12	-79.11	115.99	344.39	-630.21	286.38	-572.20	230.58
		10	5.87	141.76	53.35	135.78	59.32	-22.19	1691.17	865.11	1410.61	1145.68	-391.21
		36	10.31	78.56	-261.46	3.54	-186.44	141.00	-1215.07	-2680.85	-1215.07	-2680.85	1.53
67	114	2	6.71	-7.17	-66.05	-10.45	-62.77	-13.50	2571.47	529.60	578.95	2522.12	-313.57
		137	4.12	12.35	-155.96	-84.72	-58.89	83.16	142.80	-516.95	95.00	-469.15	171.03
		10	4.89	100.86	35.72	95.75	40.83	-17.51	1539.78	686.89	1258.68	967.99	-400.91

		36	8.30	56.11	-183.57	3.60	-131.06	99.14	-1413.05	-2423.35	-1425.84	-2410.56	112.97
67	146	2	6.45	-7.07	-65.69	-10.13	-62.63	-13.04	2437.93	469.57	511.91	2395.59	-285.56
		137	4.09	12.60	-156.46	-85.29	-58.57	83.46	164.75	-496.68	120.20	-452.13	165.77
		10	4.70	101.20	36.54	96.44	41.31	-16.90	1450.97	667.77	1191.99	926.75	-368.46
		36	8.04	56.02	-184.34	3.21	-131.53	99.52	-1278.19	-2281.90	-1286.01	-2274.08	88.26
68	4	50	4.45	21.33	-63.31	20.55	-62.53	-8.08	-794.45	-1585.62	-884.75	-1495.31	-251.58
		49	10.08	-5.99	-63.88	-10.09	-59.78	-14.86	4182.83	1133.41	1137.51	4178.73	-111.67
		84	8.28	33.42	-18.42	8.09	6.90	-25.91	-774.59	-3693.42	-778.00	-3690.01	99.67
		85	4.52	11.52	-72.23	-0.52	-60.19	29.38	1179.73	-564.81	-470.66	1085.58	394.19
68	126	50	3.28	18.69	-42.51	18.56	-42.38	-2.81	-39.79	-953.13	-45.01	-947.91	-68.85
		49	7.32	-4.31	-49.57	-7.25	-46.64	-11.14	3012.90	849.95	851.48	3011.38	-57.34
		84	6.11	23.67	-11.49	6.49	5.68	-17.58	-586.21	-2736.66	-587.65	-2735.22	55.60
		85	3.07	5.92	-51.87	-2.60	-43.34	20.49	912.23	-212.76	-143.36	842.84	270.66
68	158	50	3.21	17.62	-43.11	17.46	-42.95	-3.18	-156.85	-983.21	-167.07	-972.99	-91.32
		49	7.28	-4.78	-48.96	-7.56	-46.18	-10.72	2995.58	830.19	832.28	2993.48	-67.32
		84	6.07	24.08	-11.77	6.56	5.75	-17.92	-555.45	-2706.97	-557.09	-2705.34	59.32
		85	3.11	6.43	-52.26	-2.11	-43.72	20.69	887.62	-260.85	-196.02	822.79	265.04
69	11	57	3.81	25.91	-52.70	19.91	-46.69	-20.88	496.53	-975.22	327.98	-806.68	468.67
		58	3.98	55.72	-130.41	-7.05	-67.64	-88.00	210.44	-431.93	-367.03	145.55	-193.59
		92	3.75	52.01	-38.62	27.26	-13.88	-40.38	-147.39	-1141.22	-207.54	-1081.06	-236.99
		91	7.11	112.23	-33.82	103.02	-24.61	35.50	2083.35	-26.82	143.07	1913.46	-574.14
69	122	57	2.75	19.34	-34.89	15.78	-31.33	-13.44	246.94	-769.45	145.90	-668.41	304.12
		58	2.65	39.64	-92.32	-4.16	-48.52	-62.14	333.47	-181.92	-156.38	307.93	-111.85
		92	3.27	37.33	-24.90	20.97	-8.54	-27.40	159.66	-950.85	135.42	-926.61	-162.24
		91	5.35	78.65	-24.76	72.30	-18.41	24.83	1429.11	-247.48	-144.96	1326.59	-401.72
69	154	57	2.70	19.43	-35.06	15.69	-31.32	-13.77	266.38	-739.81	164.21	-637.63	303.92
		58	2.67	39.86	-91.94	-3.73	-48.35	-62.01	270.63	-212.96	-183.22	240.88	-116.18
		92	3.08	37.32	-25.30	20.50	-8.48	-27.76	114.14	-893.03	87.45	-866.34	-161.76
		91	5.24	78.88	-24.86	72.58	-18.56	24.77	1414.72	-205.08	-99.19	1308.83	-400.37
70	9	34	13.00	50.35	-85.83	45.55	-81.03	-25.12	5163.13	1173.85	1244.03	5092.96	-524.44
		57	7.24	48.60	-46.41	44.53	-42.34	-19.24	280.38	-2232.29	90.90	-2042.81	-663.47
		91	10.73	76.99	-54.72	71.62	-49.35	-26.06	3744.39	127.94	412.74	3459.58	974.10
		70	16.93	94.98	-29.38	81.80	-16.20	38.29	-680.36	-6775.44	-929.30	-6526.50	1206.37
70	125	34	9.98	35.79	-60.45	33.04	-57.71	-16.03	3976.16	872.43	905.83	3942.76	-320.25
		57	5.09	36.45	-34.47	32.72	-30.74	-15.83	109.97	-1597.39	-12.93	-1474.50	-441.28
		91	7.76	54.29	-38.42	50.70	-34.83	-17.88	2674.27	14.94	195.32	2493.88	668.71
		70	12.30	67.09	-18.93	58.50	-10.34	25.79	-408.61	-4907.04	-567.09	-4748.55	829.34
70	157	34	9.88	35.96	-60.56	33.14	-57.75	-16.25	3950.16	911.16	943.82	3917.50	-313.35
		57	5.05	36.87	-34.35	33.06	-30.54	-16.02	116.89	-1574.51	-4.29	-1453.32	-436.22
		91	7.68	54.87	-38.59	51.30	-35.02	-17.91	2662.59	55.86	230.96	2487.49	652.53
		70	12.12	67.87	-18.56	59.40	-10.09	25.71	-440.64	-4847.32	-596.45	-4691.51	813.83
71	4	32	9.38	61.86	-89.24	25.68	-53.06	64.48	3166.71	475.77	840.05	2802.43	-920.63
		34	9.45	67.77	-92.93	40.87	-66.02	-59.99	3221.66	665.64	935.02	2952.28	784.84
		70	8.20	135.90	-23.12	122.83	-10.05	-43.67	359.12	-2226.42	140.41	-2007.72	-719.47
		68	7.76	137.53	-24.69	124.19	-11.35	44.56	-94.75	-2373.00	-327.71	-2140.03	690.28
71	119	32	6.31	42.52	-60.09	20.59	-38.16	42.06	2067.36	213.30	443.99	1836.68	-611.96
		34	6.51	50.28	-66.03	30.32	-46.07	-43.86	2115.21	323.10	575.49	1862.81	623.39
		70	5.52	98.52	-17.09	89.28	-7.85	-31.35	54.03	-1593.49	-129.35	-1410.12	-518.16
		68	5.47	105.05	-15.60	96.65	-7.20	30.71	40.12	-1553.71	-135.41	-1378.18	498.95
71	151	32	6.29	42.81	-60.36	20.55	-38.11	42.44	2060.15	220.77	463.68	1817.24	-622.73
		34	6.46	49.80	-65.98	30.11	-46.29	-43.49	2098.39	328.02	573.72	1852.68	612.06
		70	5.61	98.62	-16.99	89.38	-7.75	-31.35	97.93	-1599.67	-85.81	-1415.93	-527.41
		68	5.51	104.14	-16.04	95.52	-7.42	31.01	9.71	-1598.73	-171.80	-1417.22	508.92
72	9	59	3.69	25.42	-53.86	16.42	-44.85	25.16	-615.99	-1387.98	-650.82	-1353.15	-160.25
		32	11.66	58.69	-65.83	58.31	-65.45	-6.87	4488.93	859.37	906.50	4441.80	410.91
		68	15.33	86.12	-37.75	74.21	-25.83	-36.52	-453.03	-5956.28	-658.38	-5750.93	-1043.03
		93	5.49	100.46	-10.19	100.21	-9.94	5.21	1843.14	132.25	299.04	1676.35	-507.49
72	114	59	3.25	21.61	-40.26	14.28	-32.92	20.00	-366.18	-1225.97	-397.03	-1195.12	-159.91
		32	8.79	43.31	-47.62	42.61	-46.92	-7.94	3457.80	775.38	781.33	3451.86	126.17
		68	11.47	61.61	-23.54	54.33	-16.26	-23.81	80.46	-4280.89	-5.64	-4194.79	-606.71
		93	4.19	71.80	-8.33	71.64	-8.17	3.64	1402.67	61.46	196.95	1267.18	-404.18
72	146	59	3.08	21.68	-40.15	14.31	-32.79	20.03	-391.22	-1168.61	-425.46	-1134.37	-159.53
		32	8.76	43.35	-47.59	42.70	-46.95	-7.63	3442.75	777.97	786.12	3434.60	147.17
		68	11.23	62.24	-23.43	54.96	-16.15	-23.89	-18.34	-4234.49	-110.93	-4141.91	-617.88
		93	4.12	72.36	-8.46	72.19	-8.30	3.66	1386.29	90.04	214.15	1262.17	-381.42
73	11	61	5.11	47.99	-161.67	-21.89	-91.80	98.83	436.68	-178.81	67.86	190.01	-301.63
		59	3.06	20.78	-27.63	19.45	-26.30	7.91	766.64	-317.42	-121.48	570.70	-417.15
		93	4.16	117.37	5.08	111.89	10.57	-24.20	477.30	-671.73	113.86	-308.29	-534.33
		95	4.69	63.43	-42.59	58.69	-37.84	21.93	419.88	-922.65	-840.06	337.29	-322.57
73	116	61	3.14	41.62	-113.70	-10.01	-62.07	73.17	283.80	-62.75	249.78	-28.73	-103.11
		59	3.19	21.17	-21.27	19.21	-19.31	8.91	961.88	-152.42	-34.18	843.64	-343.18
		93	3.07	84.52	2.62	81.32	5.82	-15.88	215.04	-582.71	121.21	-488.88	-256.99
		95	3.94	41.64	-29.18	37.82	-25.36	15.99	878.88	-422.90	-295.60	751.58	-386.66
73	156	61	3.32	40.75	-114.51	-11.19	-62.57	73.26	255.45	-83.07	175.00	-2.62	-144.09
		59	2.87	20.82	-20.04	19.29	-18.50	7.77	824.87	-179.17	-57.37	703.07	-327.81
		93	3.08	84.66	2.45	81.44	5.67	-15.93	266.08	-553.23	119.59	-406.74	-313.94
		95	3.79	43.45	-27.89	40.31	-24.74	14.64	696.20	-536.40	-442.50	602.31	-326.98

74	4	125	2.65	9.96	-114.94	8.69	-113.67	-12.51	84.81	-58.00	75.28	-48.48	-35.64
		132	4.15	11.24	-125.57	-47.93	-66.40	67.78	-44.85	-658.78	-323.69	-379.95	305.67
		15	4.14	154.85	-25.48	7.48	121.89	-69.70	-58.83	-386.83	-65.83	-379.82	47.43
		19	5.49	15.04	-246.37	-38.32	-193.01	105.36	-24.31	-208.60	-115.21	-117.70	92.14
74	126	125	2.35	11.86	-89.77	11.44	-89.35	-6.53	91.99	-182.24	29.75	-119.99	-114.87
		132	3.06	12.74	-110.57	-40.85	-56.99	61.12	43.35	-311.14	-214.54	-53.25	157.84
		15	3.47	128.60	-11.31	17.97	99.31	-56.92	-30.43	-357.43	-53.59	-334.27	83.89
		19	4.32	2.01	-207.59	-47.88	-157.70	89.26	-33.30	-92.08	-69.02	-56.37	28.70
74	158	125	2.28	10.87	-89.21	10.35	-88.69	-7.19	84.92	-156.27	33.38	-104.73	-98.87
		132	3.05	11.43	-107.28	-39.98	-55.87	58.82	18.33	-341.25	-221.74	-101.18	169.38
		15	3.39	126.17	-12.74	15.35	98.09	-55.79	-32.00	-338.05	-50.70	-319.35	73.30
		19	4.27	3.69	-202.76	-43.80	-155.27	86.89	-32.99	-104.35	-74.46	-62.87	35.21
75	4	132	4.94	226.51	-5.78	9.57	211.16	57.71	153.54	-68.70	12.15	72.69	106.92
		131	4.77	-20.67	-207.24	-24.84	-203.07	-27.57	343.76	-105.03	-13.55	252.28	180.79
		15	7.64	-9.10	-293.11	-42.77	-259.45	-91.80	-229.04	-1043.15	-235.36	-1036.83	71.42
75	144	132	3.67	168.12	-3.59	7.62	156.91	42.41	117.99	-51.00	7.08	59.91	80.25
		131	3.50	-15.70	-151.90	-19.11	-148.49	-21.28	245.41	-85.08	-22.12	182.45	129.79
		15	5.65	-8.21	-217.48	-34.82	-190.87	-69.72	-181.67	-794.86	-188.46	-788.07	64.17
75	176	132	3.66	167.91	-3.86	7.32	156.73	42.37	111.95	-52.41	4.49	55.05	78.20
		131	3.50	-15.53	-152.00	-18.84	-148.69	-20.98	245.66	-82.29	-19.16	182.52	129.30
		15	5.62	-7.65	-217.07	-33.85	-190.87	-69.29	-174.60	-775.68	-181.06	-769.22	61.97
76	4	132	3.45	130.10	-27.78	-23.86	126.18	-24.57	253.74	-482.36	-212.00	-16.62	354.85
		50	2.92	-30.56	-142.26	-33.36	-139.46	17.45	182.54	-206.10	108.15	-131.71	-152.89
		131	3.95	-10.78	-169.41	-13.07	-167.12	18.92	237.56	-90.40	-89.53	236.68	-16.95
76	141	132	2.46	96.62	-22.03	-19.20	93.79	-18.10	205.66	-295.77	-139.07	48.95	232.42
		50	2.45	-24.25	-104.56	-26.70	-102.11	13.82	84.39	-279.28	50.35	-245.23	-105.93
		131	2.96	-7.18	-124.55	-9.55	-122.18	16.50	206.46	-40.55	-39.51	205.42	-15.95
76	173	132	2.44	96.44	-21.84	-18.96	93.55	-18.23	203.68	-303.25	-141.66	42.10	236.22
		50	2.42	-23.87	-104.44	-26.31	-102.00	13.81	88.06	-265.40	52.48	-229.82	-106.34
		131	2.95	-7.25	-124.34	-9.45	-122.14	15.88	202.32	-44.78	-43.82	201.36	-15.41
77	4	51	1.92	-3.98	-51.25	-6.30	-48.93	-10.23	152.94	-441.36	-245.62	-42.80	279.31
		50	1.18	4.62	-34.69	-33.88	3.81	-5.59	179.63	-9.88	179.55	-9.80	3.97
		132	1.81	11.43	-36.84	-11.99	-13.42	24.12	-119.98	-466.10	-333.56	-252.53	168.25
		125	1.40	-11.19	-70.40	-11.21	-70.38	-0.93	109.77	-81.15	14.78	13.84	95.46
77	122	51	1.32	-1.47	-41.65	-1.62	-41.49	-2.53	-0.74	-346.14	-287.16	-59.72	129.97
		50	1.03	11.45	-35.05	-34.98	11.38	-1.81	178.48	27.31	110.20	95.59	75.23
		132	1.59	16.05	-36.71	-5.54	-15.12	25.94	-322.62	-432.00	-352.93	-401.70	48.95
		125	1.22	-11.20	-58.35	-11.20	-58.35	-0.36	67.19	18.17	18.21	67.15	-1.45
77	154	51	1.32	-2.06	-40.94	-2.39	-40.61	-3.58	15.64	-341.56	-270.56	-55.37	142.56
		50	1.01	9.97	-33.00	-32.87	9.84	-2.34	163.42	28.23	118.79	72.86	63.58
		132	1.52	14.40	-34.60	-6.27	-13.93	24.20	-287.03	-410.83	-335.72	-362.15	60.47
		125	1.18	-10.68	-57.41	-10.68	-57.40	-0.48	60.40	12.44	17.08	55.76	14.18
78	4	86	2.20	33.51	-34.60	18.62	-19.72	-28.15	277.73	-335.24	68.08	-125.59	290.78
		85	1.62	48.98	-28.88	39.82	-19.72	25.09	331.33	169.03	257.70	242.66	-80.80
		50	1.26	-7.20	-43.22	-19.94	-30.47	17.22	359.25	-74.36	359.19	-74.30	5.11
		51	2.11	17.84	-26.14	-6.70	-1.60	-21.84	116.27	-560.15	-397.53	-46.36	289.06
78	123	86	1.86	22.19	-27.22	10.00	-15.03	-21.30	267.18	-271.75	38.13	-42.70	266.42
		85	1.78	41.50	-19.54	35.90	-13.94	17.62	481.19	75.50	440.88	115.81	-121.36
		50	1.26	-3.35	-30.64	-10.00	-23.98	11.71	432.37	109.69	416.95	125.12	-68.85
		51	1.93	17.86	-22.30	-4.65	0.20	-19.93	92.23	-497.07	-297.91	-106.93	278.75
78	155	86	1.80	22.80	-26.60	11.08	-14.88	-21.01	244.54	-265.33	29.67	-50.46	251.77
		85	1.62	40.28	-19.84	34.54	-14.10	17.68	425.56	83.82	387.38	122.00	-107.66
		50	1.18	-3.90	-30.79	-11.20	-23.48	11.96	394.50	89.16	385.58	98.08	-51.43
		51	1.82	16.73	-21.63	-4.77	-0.13	-19.04	79.28	-479.04	-301.77	-97.98	259.90
79	4	23	12.24	89.93	-239.96	13.28	-163.31	-139.32	-192.36	-246.51	-245.97	-192.90	5.39
		128	9.63	188.62	-11.31	137.51	39.80	87.21	270.11	136.87	261.09	145.89	33.46
		129	12.28	74.44	-252.44	-142.52	-35.47	-154.43	3.39	-64.40	-6.88	-54.14	24.30
		141	7.98	12.99	-184.49	-18.30	-153.21	72.10	112.01	-56.79	-17.20	72.42	71.52
79	125	23	8.77	62.49	-171.80	4.54	-113.84	-101.09	-109.11	-201.53	-197.91	-112.73	17.92
		128	7.01	132.93	-11.15	96.00	25.78	62.90	212.93	89.16	208.12	93.97	23.92
		129	8.93	52.35	-183.39	-101.05	-30.00	-112.39	6.58	-44.48	-7.51	-30.39	22.82
		141	5.60	12.68	-129.23	-9.58	-106.98	51.61	64.94	-28.41	-6.58	43.11	39.51
79	157	23	8.68	62.84	-171.28	5.49	-113.93	-100.69	-113.51	-194.81	-191.87	-116.46	15.19
		128	6.98	133.25	-10.68	96.61	25.97	62.70	208.09	90.86	202.99	95.96	23.92
		129	8.89	52.48	-182.87	-101.27	-29.12	-112.00	5.40	-44.20	-6.99	-31.82	21.47
		141	5.60	11.98	-129.45	-10.15	-107.31	51.38	67.75	-30.83	-7.71	44.64	41.77
80	4	128	4.20	102.62	18.67	101.54	19.75	9.48	47.89	11.12	47.77	11.25	2.18
		133	0.99	-5.58	-26.02	-9.35	-22.25	7.92	8.28	-9.43	-5.70	4.54	7.22
		130	3.01	68.41	22.17	31.16	59.42	18.31	4.98	-63.67	-16.48	-42.21	-31.82
		129	3.71	-67.41	-102.51	-79.72	-90.20	16.75	32.00	4.07	14.99	21.08	13.63
80	142	128	3.13	75.86	13.65	75.15	14.36	6.60	37.98	8.85	37.78	9.06	2.42
		133	0.74	-4.22	-19.67	-7.17	-16.71	6.08	4.50	-6.74	-5.21	2.98	3.85
		130	2.18	49.85	16.54	23.30	43.08	13.40	4.56	-45.86	-11.17	-30.13	-23.35
		129	2.73	-49.01	-75.58	-59.02	-65.57	12.87	22.88	3.04	10.30	15.61	9.56
80	174	128	3.11	75.40	13.60	74.70	14.29	6.53	37.19	9.02	36.99	9.21	2.31
		133	0.74	-4.10	-19.59	-7.03	-16.67	6.07	4.67	-6.73	-4.96	2.90	4.13
		130	2.17	49.48	16.38	23.04	42.83	13.27	4.37	-45.90	-11.30	-30.23	-23.28

		129	2.72	-48.78	-75.23	-58.69	-65.32	12.80	22.67	3.11	10.33	15.45	9.44
81	4	128	6.23	121.92	-32.35	45.17	44.40	-77.14	174.44	8.45	174.16	8.73	-6.82
		124	10.50	38.16	-231.88	-58.19	-135.53	129.37	-38.85	-150.97	-142.69	-47.13	-29.32
		122	8.40	65.63	-164.58	19.61	-118.56	-92.07	-0.61	-32.48	-21.61	-11.49	-15.11
		129	8.63	67.84	-170.14	-83.75	-18.54	114.43	17.21	0.24	14.77	2.68	-5.95
81	122	128	4.48	88.54	-21.10	34.53	32.92	-54.81	130.82	4.00	130.73	4.09	-3.43
		124	8.01	25.22	-180.65	-54.50	-100.93	100.28	-29.83	-123.44	-118.53	-34.74	-20.87
		122	6.10	59.23	-111.77	25.34	-77.89	-68.16	-9.29	-23.46	-19.20	-13.54	-6.50
		129	6.57	46.54	-132.25	-63.69	-22.03	86.94	16.08	0.46	11.93	4.61	-6.90
81	154	128	4.47	88.02	-21.76	33.88	32.37	-54.89	129.39	4.48	129.26	4.60	-3.98
		124	7.87	25.89	-176.50	-50.95	-99.66	98.22	-29.53	-120.19	-115.22	-34.51	-20.65
		122	6.06	56.09	-112.95	22.29	-79.15	-67.61	-6.99	-22.99	-17.88	-12.10	-7.46
		129	6.45	46.70	-129.45	-62.55	-20.20	85.49	14.97	0.45	11.35	4.08	-6.28
82	4	23	4.16	108.91	-85.01	69.35	-45.46	-78.14	832.24	-330.69	829.22	-327.67	-59.20
		31	3.60	76.53	-106.45	4.58	-34.50	89.38	161.86	-796.43	-765.87	131.30	-168.38
		43	2.84	39.86	-132.00	7.82	-99.95	-66.93	113.11	-163.48	112.49	-162.86	13.04
		141	3.04	64.97	-139.95	-56.96	-18.02	100.59	21.88	-173.55	-169.03	17.37	-29.37
82	126	23	2.91	79.45	-54.86	54.20	-29.61	-52.47	563.53	-234.09	561.16	-231.72	-43.39
		31	2.58	51.44	-86.00	-6.98	-27.58	67.94	116.76	-544.16	-524.94	97.54	-111.06
		43	2.03	35.63	-88.99	14.52	-67.88	-46.74	72.48	-121.14	72.06	-120.72	9.05
		141	2.25	43.95	-106.56	-46.65	-15.96	73.67	24.58	-110.22	-107.70	22.06	-18.26
82	153	23	2.92	78.95	-54.93	53.59	-29.58	-52.45	582.61	-226.13	580.24	-223.76	-43.70
		31	2.57	51.85	-82.55	-3.65	-27.06	66.17	108.26	-561.64	-541.00	87.62	-115.76
		43	1.98	33.26	-88.78	11.95	-67.46	-46.34	72.64	-107.36	72.21	-106.93	8.79
		141	2.21	43.45	-104.19	-45.30	-15.45	72.29	19.04	-112.40	-108.41	15.05	-22.56
83	4	30	5.26	73.67	-218.69	-60.18	-84.83	-145.66	263.22	-762.91	-697.66	197.97	250.39
		23	4.06	146.62	-76.52	99.10	-28.99	91.35	365.15	-439.15	364.89	-438.89	14.47
		141	5.47	120.51	-204.80	-106.59	22.30	-149.34	222.06	-294.06	104.64	-176.65	216.37
		25	4.91	81.54	-213.78	52.70	-184.93	87.67	200.80	-255.30	-88.41	33.92	-219.69
83	143	30	3.87	49.29	-168.58	-51.76	-67.53	-108.65	167.62	-575.91	-535.60	127.31	168.36
		23	2.92	107.99	-49.72	74.46	-16.19	64.53	291.68	-301.27	291.42	-301.01	12.48
		141	4.08	89.79	-152.85	-81.64	18.59	-110.48	165.63	-218.81	77.97	-131.15	161.30
		25	3.62	64.21	-155.67	44.58	-136.04	62.70	155.54	-162.38	-47.02	40.18	-152.86
83	175	30	3.86	49.55	-167.66	-50.93	-67.18	-108.30	169.43	-570.27	-529.45	128.61	168.91
		23	2.92	107.85	-50.19	74.09	-16.42	64.78	286.44	-302.17	286.14	-301.87	13.16
		141	4.07	89.64	-152.42	-81.23	18.46	-110.29	162.77	-217.93	75.76	-130.92	159.86
		25	3.61	63.54	-155.80	43.79	-136.05	62.79	155.30	-162.21	-46.35	39.43	-152.85
84	4	14	1.45	5.39	-60.61	-3.20	-52.02	-22.21	53.26	-57.54	-56.58	52.31	10.26
		109	0.62	7.32	-26.24	5.88	-24.80	-6.79	4.81	-0.12	3.67	1.02	-2.08
		11	1.88	42.93	-59.50	-20.07	3.50	-49.84	37.31	-8.89	12.59	15.83	23.05
		21	1.88	41.45	-63.41	19.69	-41.66	42.52	-11.28	-53.43	-26.96	-37.76	-20.37
84	116	14	1.19	5.17	-50.38	-5.31	-39.90	-21.73	44.59	-16.39	-12.21	40.40	15.43
		109	0.74	13.44	-26.08	7.52	-20.16	-14.11	11.53	-8.73	-6.83	9.63	5.91
		11	1.54	32.14	-52.86	-23.24	2.52	-40.50	8.29	-20.93	3.63	-16.27	10.69
		21	1.45	40.82	-42.89	27.34	-29.41	30.77	-10.31	-26.03	-12.25	-24.09	-5.17
84	148	14	1.15	4.88	-49.03	-5.00	-39.15	-20.86	42.46	-22.04	-18.93	39.35	13.82
		109	0.67	12.08	-24.06	7.19	-19.17	-12.36	8.90	-6.48	-4.99	7.40	4.56
		11	1.50	31.54	-50.90	-22.07	2.72	-39.32	11.36	-17.40	4.65	-10.69	12.17
		21	1.42	38.47	-42.90	25.09	-29.51	30.17	-9.91	-28.05	-13.77	-24.19	-7.43
85	4	109	0.31	5.72	-11.38	-5.98	0.32	-7.95	-0.09	-20.02	-19.68	-0.44	2.60
		16	2.46	9.41	-107.40	4.30	-102.29	23.89	117.05	34.81	35.05	116.80	4.48
		24	2.58	36.26	-105.58	0.29	-69.62	-61.70	16.65	-38.63	14.85	-36.83	9.82
		11	2.20	66.59	-54.90	-7.75	19.44	59.21	35.81	-19.13	-11.67	28.35	18.83
85	134	109	0.23	3.94	-7.60	-3.35	-0.32	-5.57	-25.64	-36.98	-29.24	-33.39	5.28
		16	1.91	8.74	-70.63	4.85	-66.74	17.14	243.30	55.36	65.54	233.12	42.53
		24	2.06	24.88	-70.02	0.47	-45.60	-41.49	14.56	-211.96	14.19	-211.59	-9.17
		11	1.66	43.94	-36.55	-4.71	12.09	39.36	79.74	-45.34	-4.69	39.10	58.58
85	166	109	0.23	4.13	-7.90	-3.53	-0.23	-5.79	-21.39	-31.02	-25.82	-26.59	4.80
		16	1.85	8.75	-70.61	4.93	-66.78	17.00	207.40	48.57	56.38	199.60	34.33
		24	1.99	24.67	-70.21	0.12	-45.67	-41.55	13.34	-172.11	13.17	-171.94	-5.65
		11	1.61	43.98	-36.28	-4.43	12.13	39.27	67.75	-37.72	-5.20	35.23	48.71
86	4	101	6.95	67.69	-338.09	-218.22	-52.18	185.12	24.37	-417.44	-206.09	-186.98	220.70
		66	2.70	8.24	-154.37	-60.25	-85.87	80.29	-9.55	-113.27	-9.93	-112.89	-6.25
		165	3.77	178.67	-58.53	124.11	-3.97	-99.83	79.83	-86.29	70.57	-77.02	-38.13
86	143	101	5.19	51.31	-248.72	-158.60	-38.81	137.54	19.53	-341.96	-173.75	-148.69	180.31
		66	1.97	6.18	-114.43	-43.54	-64.72	59.37	-4.56	-72.81	-7.41	-69.96	-13.65
		165	2.84	132.47	-45.30	91.18	-4.01	-75.07	71.85	-74.53	65.27	-67.95	-30.33
86	175	101	5.18	50.93	-248.67	-159.03	-38.70	137.19	19.19	-339.08	-171.84	-148.05	178.74
		66	1.97	6.18	-114.36	-43.73	-64.45	59.38	-2.07	-72.17	-5.50	-68.74	-15.13
		165	2.83	132.27	-44.75	91.21	-3.69	-74.71	72.65	-73.23	65.68	-66.26	-31.12
87	4	165	1.66	32.51	-59.63	-58.15	31.04	11.57	35.08	-209.30	-157.86	-16.37	99.63
		1	1.43	-11.01	-56.03	-17.82	-49.23	16.13	341.67	-20.42	10.22	311.04	-100.76
		100	2.53	31.68	-74.16	26.14	-68.62	23.57	10.91	-623.14	-114.88	-497.34	252.85
87	116	165	1.34	22.72	-39.47	-38.20	21.46	8.77	45.64	-272.85	-209.83	-17.38	126.88
		1	1.33	-7.12	-41.16	-11.49	-36.79	11.39	408.58	-26.08	23.81	358.68	-138.56
		100	2.42	22.27	-56.51	19.02	-53.26	15.66	26.79	-784.93	-128.97	-629.17	319.65
87	148	165	1.31	23.03	-40.46	-39.25	21.82	8.68	40.93	-247.42	-189.67	-16.82	115.40

		1	1.27	-7.37	-41.25	-11.93	-36.69	11.57	374.76	-25.08	18.94	330.74	-125.15
		100	2.31	22.51	-56.17	19.07	-52.73	16.09	23.22	-717.57	-119.36	-575.00	292.05
88	3	168	17.24	97.04	-91.71	83.28	-77.95	-49.06	1184.45	1.84	1161.23	25.07	-164.10
		169	10.67	51.22	-64.21	2.80	-15.79	56.96	101.52	-751.35	-675.37	25.54	-242.95
		167	4.46	23.56	-6.55	-2.38	19.40	-10.39	224.73	-267.90	101.42	-144.58	-213.40
		166	10.19	21.88	-170.16	-82.86	-65.42	95.63	345.97	-14.42	59.26	272.28	-145.35
88	116	168	13.71	64.75	-70.38	54.11	-59.74	-36.39	1026.78	31.09	1014.11	43.76	-111.60
		169	8.17	37.73	-40.68	3.86	-6.80	38.84	76.68	-600.37	-531.22	7.53	-205.02
		167	3.62	15.54	-8.74	-3.82	10.62	-9.76	150.97	-226.06	41.21	-116.30	-171.27
		166	7.30	16.91	-114.47	-54.07	-43.49	65.47	288.19	32.69	96.51	224.36	-110.61
88	148	168	13.32	64.74	-70.11	54.30	-59.67	-36.04	979.75	23.56	966.67	36.64	-111.04
		169	7.98	37.72	-41.14	3.45	-6.87	39.09	75.95	-580.51	-515.31	10.75	-196.35
		167	3.53	15.91	-8.21	-3.36	11.06	-9.66	150.78	-217.51	46.89	-113.62	-165.73
		166	7.23	16.62	-114.71	-54.22	-43.88	65.46	278.37	24.56	84.88	218.06	-108.03
89	3	52	4.89	10.39	-107.53	-89.13	-8.00	-42.79	132.04	-2171.27	-2068.16	28.93	476.31
		168	4.45	-6.31	-74.57	-50.68	-30.20	32.56	2462.72	859.10	2461.59	860.23	-42.59
		166	2.55	0.98	-33.47	-0.77	-31.72	-7.56	-153.56	-1321.67	-193.25	-1281.98	211.64
		30	1.70	44.16	-31.63	44.14	-31.60	-1.32	37.45	-579.49	-135.77	-406.26	277.24
89	128	52	3.66	7.07	-81.81	-68.69	-6.04	-31.52	125.83	-1582.76	-1511.58	54.65	341.39
		168	3.22	-5.13	-54.19	-37.56	-21.76	23.22	1763.40	575.30	1762.20	576.51	-37.84
		166	1.83	0.70	-24.97	-0.60	-23.67	-5.63	-37.53	-914.21	-69.28	-882.46	163.80
		30	1.21	34.27	-22.86	34.17	-22.75	-2.46	-64.37	-495.54	-207.34	-352.57	202.99
89	160	52	3.59	7.34	-80.39	-67.11	-5.94	-31.44	117.56	-1560.73	-1491.01	47.84	334.89
		168	3.16	-4.80	-53.83	-36.78	-21.85	23.35	1736.82	574.16	1735.73	575.25	-35.64
		166	1.80	0.57	-24.78	-0.69	-23.52	-5.50	-49.84	-904.57	-80.88	-873.53	159.91
		30	1.20	33.51	-23.11	33.42	-23.02	-2.24	-49.98	-473.00	-188.05	-334.93	198.35
90	3	168	3.84	-11.34	-114.23	-84.91	-40.66	-46.44	1977.29	747.14	1812.88	911.55	-418.60
		53	3.10	1.12	-41.34	-41.34	1.12	0.14	479.92	-1207.32	-1053.93	326.53	-485.06
		13	2.35	-0.02	-53.11	-4.20	-48.93	-14.30	812.77	-288.81	690.05	-166.09	-346.59
		166	3.08	27.25	-67.27	18.68	-58.70	-27.14	-274.90	-1185.33	-302.97	-1157.25	-157.39
90	127	168	2.60	-8.81	-83.18	-62.64	-29.35	-33.25	1285.41	518.74	1173.39	630.76	-270.81
		53	2.03	-0.02	-32.34	-32.31	-0.05	0.95	359.66	-732.44	-613.76	240.98	-339.89
		13	1.69	0.88	-38.33	-2.30	-35.15	-10.70	574.93	-202.44	505.33	-132.85	-221.95
		166	2.16	18.85	-48.29	12.84	-42.27	-19.18	-194.16	-824.36	-213.94	-804.58	-109.87
90	159	168	2.59	-8.55	-82.40	-61.57	-29.38	-33.23	1286.38	514.79	1174.75	626.41	-271.42
		53	2.02	-0.03	-31.58	-31.54	-0.07	1.10	349.17	-740.80	-626.01	234.38	-334.57
		13	1.67	0.65	-38.28	-2.34	-35.28	-10.38	569.69	-197.32	497.62	-125.25	-223.79
		166	2.14	18.62	-48.26	12.79	-42.44	-18.86	-192.68	-814.36	-212.11	-794.93	-108.18
91	3	30	2.54	80.52	38.29	52.90	65.92	20.08	-136.68	-1054.39	-137.67	-1053.39	30.19
		166	6.06	-6.80	-248.07	-7.79	-247.08	-15.42	-111.28	-1239.63	-112.77	-1238.15	-40.95
		116	2.41	-19.94	-151.37	-31.37	-139.94	-37.03	0.36	-138.30	-69.72	-68.23	69.33
91	127	30	1.79	55.50	29.97	41.00	44.47	12.65	-177.91	-797.22	-184.65	-790.48	64.24
		166	4.32	-4.89	-176.13	-5.72	-175.30	-11.89	-30.77	-869.55	-34.12	-866.20	-52.90
		116	1.75	-15.75	-107.56	-24.22	-99.09	-26.57	39.82	-108.31	17.01	-85.50	53.46
91	159	30	1.77	55.50	29.36	40.09	44.78	12.86	-165.07	-777.61	-170.43	-772.25	57.04
		166	4.28	-4.87	-176.16	-5.67	-175.36	-11.70	-39.08	-851.27	-41.88	-848.47	-47.60
		116	1.73	-15.60	-107.79	-23.86	-99.53	-26.33	32.80	-100.19	5.70	-73.08	53.58
92	4	166	3.78	59.54	-40.88	-34.87	53.52	-23.83	-292.16	-1712.90	-303.82	-1701.24	-128.19
		13	4.57	21.26	-174.40	9.06	-162.20	-47.31	639.09	-579.75	317.19	-257.85	-537.33
		116	3.48	-6.51	-173.35	-40.86	-139.00	-67.46	69.09	-403.11	55.27	-389.30	-79.58
92	119	166	2.67	42.55	-29.92	-25.48	38.11	-17.37	-214.83	-1197.25	-219.37	-1192.71	-66.63
		13	3.42	15.88	-124.89	6.57	-115.58	-34.99	503.22	-447.84	279.62	-224.24	-403.31
		116	2.36	-4.87	-122.02	-30.24	-96.65	-48.25	97.90	-217.45	92.71	-212.26	-40.12
92	151	166	2.65	42.43	-29.75	-25.39	38.08	-17.18	-212.01	-1183.26	-216.71	-1178.56	-67.40
		13	3.37	15.69	-125.50	6.64	-116.45	-34.58	491.07	-430.55	267.92	-207.40	-394.79
		116	2.36	-4.99	-122.48	-29.96	-97.51	-48.06	88.01	-217.08	82.81	-211.89	-39.46
93	9	177	4.42	33.73	8.45	25.64	16.54	-11.79	216.03	-1483.71	-858.24	-409.45	819.71
		171	6.13	6.94	-47.37	-1.70	-38.73	19.87	1663.83	-1151.93	-886.06	1397.97	823.37
		87	11.31	32.73	-40.65	11.90	-19.82	33.08	809.56	-3753.91	30.89	-2975.24	1716.72
		175	5.73	0.74	-49.89	0.71	-49.85	-1.37	445.35	-1806.40	142.92	-1503.97	767.80
93	114	177	3.18	23.41	5.39	17.29	11.51	-8.54	145.17	-1077.23	-655.03	-277.02	581.24
		171	4.39	4.14	-34.12	-2.19	-27.78	14.22	1166.79	-857.55	-671.22	980.46	585.21
		87	8.01	23.90	-29.68	8.61	-14.39	24.19	566.24	-2651.10	11.24	-2096.10	1215.57
		175	3.98	1.35	-35.79	1.32	-35.77	-0.90	270.52	-1265.05	66.59	-1061.11	521.12
93	146	177	3.16	23.47	5.38	17.37	11.48	-8.55	145.77	-1067.50	-642.93	-278.81	578.67
		171	4.36	4.30	-33.98	-1.97	-27.70	14.17	1165.23	-846.39	-660.57	979.41	582.48
		87	7.98	23.85	-29.68	8.59	-14.42	24.17	565.06	-2642.73	13.47	-2091.14	1210.43
		175	3.98	1.40	-35.78	1.37	-35.75	-1.00	277.27	-1262.27	72.34	-1057.34	522.97
94	9	96	3.23	43.98	-55.20	43.56	-54.78	6.41	-489.12	-1105.62	-714.31	-880.43	296.85
		177	4.73	24.96	-31.05	-3.48	-2.61	28.01	875.94	-1102.57	-945.27	718.65	535.23
		175	5.67	20.05	-32.71	-30.21	17.55	11.20	524.48	-1690.08	-1333.33	167.73	814.11
94	140	96	2.29	32.27	-39.93	31.84	-39.50	5.58	-355.55	-773.59	-513.04	-616.10	202.57
		177	3.34	16.46	-23.76	-4.67	-2.64	20.08	598.26	-785.84	-680.45	492.87	367.11
		175	4.01	15.88	-24.23	-22.62	14.27	7.89	352.32	-1191.35	-951.75	112.73	558.97
94	172	96	2.29	32.27	-40.11	31.85	-39.69	5.47	-355.69	-772.99	-510.82	-617.86	201.67
		177	3.33	16.77	-23.68	-4.36	-2.55	20.20	600.12	-781.78	-675.74	494.08	367.82
		175	4.00	15.85	-24.15	-22.50	14.20	7.95	353.85	-1187.67	-947.03	113.22	559.50

95	9	96	7.82	9.58	-87.04	4.43	-81.90	-21.69	-966.19	-2984.61	-1003.39	-2947.41	271.49
		175	7.13	11.62	-55.28	9.35	-53.01	12.11	348.74	-2271.34	114.38	-2036.98	747.74
		52	4.76	-31.83	-111.42	-36.55	-106.70	18.79	-363.99	-1435.69	-453.33	-1346.34	-296.26
		63	2.48	-17.71	-56.82	-18.91	-55.62	-6.75	504.46	-458.29	6.81	39.36	481.10
95	128	96	5.50	7.14	-63.77	3.52	-60.15	-15.60	-627.31	-2065.85	-659.37	-2033.79	212.36
		175	5.03	10.35	-41.27	8.73	-39.65	9.00	281.91	-1553.63	122.18	-1393.90	517.38
		52	3.11	-26.70	-80.78	-30.18	-77.30	13.27	-313.28	-908.81	-383.19	-838.90	-191.69
		63	2.03	-14.21	-41.08	-15.22	-40.07	-5.11	435.56	-374.77	6.24	54.55	404.44
95	160	96	5.50	7.18	-63.72	3.58	-60.12	-15.56	-642.62	-2070.96	-673.14	-2040.44	206.55
		175	5.03	10.15	-41.24	8.55	-39.64	8.92	273.56	-1558.78	113.28	-1398.49	517.70
		52	3.15	-25.98	-80.95	-29.57	-77.36	13.59	-306.20	-924.18	-375.16	-855.22	-194.57
		63	1.99	-13.91	-41.47	-14.98	-40.40	-5.33	421.95	-363.03	6.14	52.78	391.79
96	9	175	7.00	0.03	-74.08	-34.95	-39.10	-37.00	115.00	-2278.49	-501.04	-1662.46	-1046.41
		87	12.27	20.02	-146.49	3.29	-129.76	-50.06	327.59	-3687.33	-644.56	-2715.17	-1719.90
		52	3.52	-14.28	-23.13	-19.45	-17.96	-4.36	349.45	-1156.50	-945.27	138.23	-522.95
96	126	175	5.00	0.48	-56.50	-26.07	-29.96	-28.42	33.05	-1618.74	-390.34	-1195.34	-721.18
		87	8.71	14.17	-106.01	1.86	-93.70	-36.45	216.25	-2609.11	-463.98	-1928.88	-1207.96
		52	2.39	-8.27	-10.99	-8.37	-10.89	0.50	244.72	-841.20	-684.95	88.47	-381.13
96	158	175	4.99	0.49	-56.40	-26.05	-29.86	-28.38	41.71	-1611.23	-382.26	-1187.26	-721.84
		87	8.69	14.39	-105.79	2.19	-93.59	-36.30	219.45	-2597.57	-459.74	-1918.38	-1204.98
		52	2.39	-9.30	-11.11	-9.31	-11.11	0.08	245.84	-828.22	-677.49	95.10	-373.06
97	11	171	8.93	64.97	12.38	64.84	12.51	2.62	104.33	-660.74	-599.81	43.39	207.13
		174	8.33	0.47	-36.59	-8.86	-27.25	16.09	289.16	-548.81	-136.16	-123.50	418.94
		173	10.67	80.37	-43.23	5.07	32.07	60.31	351.56	-415.96	-140.16	75.76	368.26
		87	7.31	-23.23	-77.60	-34.47	-66.36	22.02	221.86	-374.06	15.61	-167.81	283.50
97	141	171	6.05	45.54	8.39	45.47	8.46	1.58	82.47	-436.67	-391.92	37.72	145.70
		174	5.87	0.15	-26.06	-6.61	-19.30	11.47	202.48	-386.40	-97.93	-85.99	294.38
		173	7.53	56.34	-30.33	4.09	21.92	42.41	225.53	-321.34	-138.86	43.06	257.86
		87	5.23	-15.00	-54.50	-23.52	-45.99	16.24	204.05	-235.08	71.24	-102.27	201.70
97	173	171	6.11	45.54	8.36	45.47	8.43	1.59	79.92	-444.03	-399.96	35.85	145.43
		174	5.87	0.24	-26.05	-6.54	-19.26	11.51	203.79	-384.94	-95.62	-85.53	294.32
		173	7.51	56.19	-30.31	3.97	21.91	42.31	229.61	-314.36	-130.00	45.25	257.49
		87	5.21	-15.22	-54.47	-23.68	-46.01	16.14	192.79	-241.47	57.10	-105.78	201.28
98	11	178	7.03	7.82	-5.17	-3.60	6.24	-4.24	219.90	-555.43	-54.34	-281.20	370.70
		174	6.27	30.04	-24.01	26.84	-20.81	-12.75	455.89	-162.17	169.93	123.78	308.16
		173	8.09	44.62	-25.04	-25.02	44.59	-1.35	484.65	-370.03	155.19	-40.57	415.98
		176	7.78	9.03	-21.50	5.42	-17.89	-9.86	481.59	-344.61	-10.70	147.68	405.44
98	119	178	5.09	5.15	-4.93	-3.70	3.92	-3.30	161.98	-398.57	-31.32	-205.27	266.44
		174	4.38	20.14	-16.83	17.84	-14.53	-8.94	342.87	-89.65	157.65	95.57	214.02
		173	5.84	29.79	-16.96	-16.94	29.77	-1.04	362.25	-257.13	130.52	-25.40	299.72
		176	5.55	7.03	-13.78	4.60	-11.35	-6.68	348.37	-246.04	0.92	101.41	292.93
98	151	178	5.05	5.14	-4.84	-3.60	3.90	-3.29	159.96	-395.84	-32.78	-203.10	264.53
		174	4.38	20.36	-16.79	18.07	-14.50	-8.92	337.20	-95.55	148.17	93.48	214.64
		173	5.79	29.94	-17.11	-17.08	29.91	-1.11	355.05	-258.05	123.51	-26.50	297.23
		176	5.53	7.05	-13.91	4.59	-11.45	-6.75	346.48	-245.14	-0.48	101.82	291.35
99	11	172	24.38	44.26	-43.28	29.11	-28.13	-33.11	-783.59	-2702.21	-1447.81	-2038.00	912.80
		178	9.58	12.38	-26.83	-10.05	-4.41	19.40	998.89	136.09	190.54	944.44	209.79
		176	20.19	59.89	0.40	16.33	43.96	-26.34	31.95	-1852.10	-835.32	-984.83	939.05
		179	27.62	12.18	-116.48	-31.22	-73.09	60.83	2683.15	456.98	530.76	2609.37	-398.50
99	127	172	17.40	30.22	-29.10	19.80	-18.68	-22.57	-568.11	-1932.89	-1054.22	-1446.78	653.56
		178	6.79	7.69	-19.94	-8.31	-3.93	13.64	709.76	103.81	150.27	663.30	161.23
		176	14.30	41.79	1.46	12.20	31.05	-17.83	31.39	-1312.38	-588.73	-692.25	669.89
		179	19.48	8.56	-80.92	-21.85	-50.52	42.38	1889.34	295.28	345.06	1839.56	-277.26
99	159	172	17.29	30.26	-29.17	19.82	-18.73	-22.61	-560.61	-1919.34	-1041.09	-1438.86	649.60
		178	6.76	7.76	-19.88	-8.22	-3.91	13.65	705.93	101.27	145.95	661.24	158.18
		176	14.24	41.86	1.39	12.18	31.07	-17.89	30.11	-1306.30	-586.54	-689.66	666.21
		179	19.40	8.58	-80.97	-21.78	-50.61	42.39	1883.29	302.27	352.03	1833.54	-276.02
100	11	86	5.52	83.88	-65.71	68.82	-50.64	-45.02	-279.56	-1778.12	-882.74	-1174.95	734.90
		181	4.33	43.82	-21.33	9.73	12.77	32.54	528.72	-1011.49	-409.26	-73.51	751.58
		96	7.84	74.51	-31.69	-7.69	50.51	44.41	1843.97	-987.53	-139.18	995.63	1297.08
100	123	86	3.99	60.87	-47.13	50.10	-36.37	-32.35	-183.86	-1271.93	-628.97	-826.82	534.96
		181	3.05	31.27	-15.56	6.71	9.00	23.39	382.09	-693.69	-252.05	-59.54	529.21
		96	5.62	53.79	-22.70	-5.33	36.42	32.05	1335.75	-686.12	-53.75	703.39	937.38
100	155	86	3.96	60.80	-47.29	49.97	-36.46	-32.45	-181.79	-1260.53	-618.70	-823.63	529.55
		181	3.05	31.41	-15.64	6.72	9.04	23.50	377.99	-696.77	-261.88	-56.90	527.52
		96	5.59	53.87	-22.81	-5.39	36.45	32.13	1319.24	-687.71	-67.79	699.33	927.28
101	11	181	3.71	26.23	-33.38	-25.26	18.11	-20.45	538.14	-803.56	526.55	-791.97	124.18
		177	3.61	12.75	-25.76	11.12	-24.13	-7.75	-216.91	-1366.14	-221.34	-1361.72	71.19
		96	4.47	39.35	2.35	3.13	38.58	-5.29	1364.50	-455.26	1267.52	-358.28	408.74
101	123	181	2.63	19.12	-24.39	-18.46	13.19	-14.92	425.04	-533.05	422.02	-530.04	53.68
		177	2.51	9.28	-19.00	8.17	-17.90	-5.48	-152.87	-938.15	-153.74	-937.28	26.04
		96	3.27	28.64	1.45	2.05	28.04	-4.01	1026.16	-299.01	972.24	-245.10	261.80
101	155	181	2.62	19.00	-24.41	-18.51	13.09	-14.88	409.16	-540.29	404.92	-536.05	63.32
		177	2.52	9.18	-19.07	8.10	-17.99	-5.41	-151.72	-941.12	-153.04	-939.80	32.25
		96	3.22	28.63	1.53	2.14	28.02	-4.01	1001.04	-304.50	943.41	-246.86	268.19

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**

		-535.42	-309.87	-431.50	-316.79		-6775.44	-2255.61	-6526.50	-2448.30
31.30	296.73		161.40	211.16	321.33	5163.13		2461.59	5092.96	1716.72

VERIFICHE ELEMENTI ESISTENTI

LEGENDA TABELLA VERIFICHE ELEMENTI ESISTENTI

Le verifiche degli elementi esistenti sono state condotte con riferimento al Capitolo 8 del D.M. 17 gennaio 2018. Il metodo adottato è quello previsto nella circolare n.7 del 21 gennaio 2019 al punto C8.7.2.2.1 / C8.7.2.2.2 (Analisi statica lineare/dinamica modale con spettro elastico).

Le modalità di analisi e le verifiche, consistono nel confronto tra domanda e capacità.
Il programma consente di effettuare analisi lineare statica e dinamica e analisi non lineare statica. Qualora l'analisi effettuata sia lineare le verifiche sono precedute da un controllo di accettazione del modello lineare, atto a valutare la dispersione dei rapporti domanda/capacità.

Per gli elementi in c.a. sono previste le seguenti verifiche:

- flessione con e senza sforzo normale
- taglio
- nodi trave-pilastro

Con riferimento ai punti succitati le verifiche vengono così tabellate:

Tabella relativa alle verifiche di accettazione del modello lineare

Pilas. / Trave	numero dell'elemento considerato
ro I (J) acc.	massimo rapporto domanda/capacità in termini di momento flettente di cui al p.to C8.7.2.2.1 per la verifica di accettazione
ver. f. acc.	massimo rapporto domanda/capacità in termini di taglio di cui al p.to C8.7.2.2.1 per la verifica di accettazione
Rif. cmb	combinazioni per le quali si sono attinti i valori riportati

Tabella relativa alle verifiche degli elementi duttili e fragili

Pilas. / Trave	numero dell'elemento considerato
SL cod	Stato limite considerato e relativo esito delle verifica (**NV** non verifica, **ok** verifica)
ver. (d)	massimo rapporto domanda capacità in termini di deformazione per gli elementi duttili; nello specifico: **rot. c / ThetaU** per SLC **rot. c / 0.75 ThetaU** per SLV **rot. c / ThetaY** per SLD
ver. (f)	massimo rapporto domanda capacità in termini di verifica a taglio
rot. c	valore di rotazione rispetto alla corda (rappresenta la domanda in termini di deformazione) per cui si attinge il massimo valore della verifica **ver. (d)**
Theta Y	capacità di rotazione rispetto alla corda allo snervamento, calcolata con la formula C8.7.2.7
Theta U	capacità di rotazione rispetto alla corda in condizioni di collasso
curv. Y	curvatura della sezione allo snervamento dell'acciaio
curv. U	curvatura ultima della sezione valutata considerando le deformazioni ultime di conglomerato (tenuto conto del confinamento) e acciaio
Lv	luce di taglio; rapporto momento/taglio utilizzato nelle succitate formule per il calcolo di **Theta Y (U)**
V2(V3)	valore del taglio 2 (3) per cui si attinge il massimo valore della verifica **ver. (f)**
ro V I (V J)	indicatori del rapporto domanda/capacità per gli elementi duttili; se inferiori a 1 le sollecitazioni degli elementi fragili sono assunte dall'analisi, in caso contrario sono assunte per equilibrio considerando le capacità degli elementi duttili
Rif. cmb	Combinazioni in cui si attingono i massimi valori dei rapporti domanda/capacità; per i

	pilastri, il numero tra parentesi indica l'asse(locale) di riferimento per le rotazioni riportate

Tabella relativa alle verifiche dei nodi trave pilastro

Pilas. S	numero del pilastro considerato (superiore al nodo)
Pilas. I	numero del relativo pilastro inferiore
Nodo	numero del nodo tra i pilastri
SL cod	Stato limite considerato e relativo esito delle verifica (**NV** non verifica, **ok** verifica, **nrC** non richiesta in quanto confinato)
ver. (+)	massimo rapporto domanda capacità con riferimento alla formula C8.7.2.121(resistenza per trazione)
ver. (-)	massimo rapporto domanda capacità con riferimento alla formula C8.7.2.12 (resistenza per compressione)
V +	valore del taglio, nel pilastro superiore, in direzione 2 o 3 per cui si attinge il massimo valore della verifica **ver. (+)**
V + af s	sollecitazione di trazione presente nell'armatura longitudinale superiore della trave da sommare (con segno) a **V +**
N +	azione assiale presente nel pilastro superiore contemporanea a **V +**
V -	valore del taglio, nel pilastro superiore, in direzione 2 o 3 per cui si attinge il massimo valore della verifica **ver. (-)**
V - af s	sollecitazione di trazione presente nell'armatura longitudinale superiore della trave da sommare (con segno) a **V -**
N -	azione assiale presente nel pilastro superiore contemporanea a **V -**
Area g	area del nodo (**da Pilas. I**)
Rif. cmb	combinazioni in cui si attingono i massimi valori dei rapporti domanda/capacità; per i nodi, il numero tra parentesi indica l'asse(locale) di riferimento per le sollecitazioni di taglio

Pilas.	ro I acc.	ro J acc.	ver. f. acc.	Rif. cmb	Pilas.	ro I acc.	ro J acc.	ver. f. acc.	Rif. cmb
5	0.01	0.03	0.01	113,116,116	6	0.03	0.05	7.25e-03	114,116,113
10	0.02	0.02	9.52e-03	133,132,129	42	0.02	0.03	0.01	120,118,113
43	0.04	0.03	3.80e-03	120,116,113	44	0.01	0.02	8.37e-03	140,124,128
45	0.02	0.02	0.01	124,128,128	46	0.03	0.03	0.02	134,134,132
47	0.02	3.14e-03	6.46e-03	116,113,120	48	0.05	0.05	0.02	132,132,132
49	0.03	0.03	0.01	116,116,116	50	0.02	0.03	0.01	131,129,135
51	0.01	0.01	5.84e-03	133,121,125	52	0.03	0.05	0.02	135,135,129
75	0.04	0.04	0.02	129,129,135	76	0.09	0.12	0.05	116,116,116
77	0.07	0.11	0.04	123,123,123	78	0.06	0.06	0.02	135,135,129
87	0.10	0.10	0.05	123,123,123	88	0.25	0.26	0.17	123,123,128
89	0.25	0.26	0.16	116,116,120	90	0.05	0.06	0.02	113,113,135
95	0.03	0.03	0.01	116,116,116	96	0.04	0.04	0.02	113,113,113
102	0.08	0.12	0.02	116,117,113	103	0.11	0.19	0.09	113,117,117
107	0.04	0.12	0.03	123,122,122	108	0.11	0.19	0.09	125,125,125
111	8.75e-03	0.01	3.60e-03	121,121,125	112	0.05	0.05	0.03	123,123,123
114	0.03	0.06	0.03	113,113,113	115	0.06	0.09	0.04	116,116,116
116	0.13	0.13	0.05	131,131,129	117	0.07	0.10	0.03	113,113,113
118	0.04	0.02	0.02	116,116,116	119	0.02	0.03	0.01	113,116,116
120	0.02	0.02	0.01	114,117,113	121	0.10	0.07	0.04	132,115,116
122	0.05	0.08	0.04	116,116,116	123	0.10	0.10	0.04	116,116,116
124	0.08	0.06	0.04	115,115,115	125	0.09	0.07	0.05	118,118,118
126	0.06	0.03	0.02	116,116,116	127	0.02	0.02	7.12e-03	116,116,116
128	0.02	0.02	0.01	117,113,113	144	0.04	0.06	0.03	116,116,116
145	0.12	0.12	0.04	132,132,116	146	0.10	0.11	0.06	132,116,116
147	0.11	0.06	0.03	114,113,134	148	0.09	0.06	0.03	132,132,132
149	0.04	0.04	0.03	135,135,129	160	9.57e-03	0.04	9.08e-03	126,129,129
161	6.87e-03	0.04	7.69e-03	126,136,132	162	0.07	0.08	0.02	133,136,132
163	0.15	0.08	0.05	133,136,134	164	0.05	0.05	0.03	129,129,129
168	0.03	0.05	0.02	132,134,132	169	0.05	0.04	0.02	122,134,122
175	0.02	0.02	8.73e-03	122,122,122	176	0.01	0.02	9.75e-03	122,122,122
177	0.02	0.09	0.02	127,122,122	178	0.08	0.07	0.04	123,122,122
187	0.05	0.05	0.02	125,143,133	188	0.03	0.02	0.01	125,122,122

Pilas.	ro I acc.	ver. f. acc.
	3.14e-03	

0.26 0.17

Pilas.	SL cod	ver. (d)	ver. (f)	rot. c	Theta Y	Theta U	curv. Y /cm	curv. U /cm	Lv cm	V2 daN	V3 daN	ro V I	ro V J	Rif. cmb
5	SLV:ok	4.27e-03	0.01	4.348e-05	1.127e-02	1.018e-02	9.151e-05	2.570e-04	272.0	-471.7	-20.3	0.0	0.0	133(3),116
		7.30e-03		-1.081e-04	1.055e-02	1.481e-02	9.637e-05	4.725e-04	232.1					116(3)
	SLD:ok	4.19e-03		3.922e-05	9.363e-03		9.330e-05		201.4					145(3)
		8.87e-03		-9.685e-05	1.092e-02		9.642e-05		244.1					148(3)
6	SLV:ok	8.82e-03	1.00e-02	2.256e-04	1.675e-02	2.557e-02	9.879e-05	5.935e-04	418.0	333.7	50.3	0.0	0.0	142(3),113
		0.02		-4.220e-04	1.644e-02	2.103e-02	9.681e-05	4.653e-04	418.0					116(3)
	SLD:ok	0.01		2.312e-04	1.669e-02		9.842e-05		418.0					167(3)
		0.02		-3.758e-04	1.641e-02		9.661e-05		418.0					148(3)
10	SLV:ok	5.71e-03	0.01	-5.836e-05	1.129e-02	1.023e-02	9.168e-05	2.586e-04	272.0	-84.4	438.6	0.0	0.0	121(3),129
		4.42e-03		5.660e-05	9.211e-03	1.280e-02	9.637e-05	4.532e-04	187.9					134(2)
	SLD:ok	4.68e-03		-5.286e-05	1.129e-02		9.173e-05		272.0					153(3)
		5.11e-03		4.870e-05	9.536e-03		9.643e-05		198.6					164(2)
42	SLV:ok	8.89e-03	0.02	7.570e-05	9.257e-03	8.511e-03	9.382e-05	2.596e-04	196.3	501.8	-347.6	0.0	0.0	120(2),113
		0.01		1.270e-04	1.283e-02	1.071e-02	9.191e-05	2.349e-04	323.0					120(3)
	SLD:ok	8.10e-03		7.770e-05	9.588e-03		9.858e-05		194.6					172(2)
		9.92e-03		1.028e-04	1.037e-02		9.483e-05		230.8					145(3)
43	SLV:ok	0.03	5.24e-03	-2.851e-04	1.308e-02	1.102e-02	9.394e-05	2.432e-04	323.0	-175.1	-77.6	0.0	0.0	120(3),113
		0.0		0.0	0.0	0.0	0.0	0.0	0.0					0(2)
	SLD:ok	0.02		-2.700e-04	1.307e-02		9.391e-05		323.0					152(3)
		0.0		0.0	0.0		0.0		0.0					0(2)
44	SLV:ok	6.93e-03	0.01	7.246e-05	1.298e-02	1.046e-02	9.313e-05	2.253e-04	323.0	-385.4	45.2	0.0	0.0	140(2),128
		9.72e-03		-1.029e-04	1.119e-02	1.059e-02	9.716e-05	2.867e-04	250.5					124(3)
	SLD:ok	1.60e-03		-9.670e-06	6.044e-03		9.258e-05		74.3					176(3)
		8.94e-03		-1.001e-04	1.120e-02		9.711e-05		250.8					156(3)
45	SLV:ok	6.26e-03	0.02	-5.835e-05	8.424e-03	9.314e-03	9.553e-05	3.323e-04	163.3	-507.2	-93.8	0.0	0.0	124(3),128
		4.65e-03		-5.587e-05	8.504e-03	1.202e-02	9.824e-05	4.624e-04	159.7					124(3)
	SLD:ok	6.28e-03		-5.323e-05	8.471e-03		9.579e-05		164.3					160(3)
		5.87e-03		-4.978e-05	8.483e-03		9.835e-05		158.7					160(3)
46	SLV:ok	0.01	0.02	1.168e-04	9.279e-03	8.668e-03	9.823e-05	2.748e-04	185.4	205.2	-792.6	0.0	0.0	134(2),132
		9.17e-03		6.544e-05	7.790e-03	7.134e-03	9.710e-05	2.592e-04	137.6					134(2)
	SLD:ok	0.01		9.338e-05	9.216e-03		9.729e-05		185.8					166(2)
		6.76e-03		5.256e-05	7.773e-03		9.692e-05		137.4					164(2)
47	SLV:ok	8.04e-03	8.92e-03	-8.492e-05	1.237e-02	1.056e-02	9.163e-05	2.408e-04	308.9	-297.6	-68.7	0.0	0.0	132(3),120
		4.94e-04		-2.343e-06	6.234e-03	4.739e-03	9.511e-05	3.142e-04	31.1					120(3)
	SLD:ok	7.86e-03		-9.931e-05	1.264e-02		9.694e-05		297.4					148(3)
		2.78e-04		-1.831e-06	6.588e-03		9.479e-05		25.6					148(3)
48	SLV:ok	0.03	0.03	-3.887e-04	1.359e-02	1.194e-02	9.812e-05	2.694e-04	323.0	0.7	-900.1	0.0	0.0	116(3),132
		0.03		3.482e-04	1.305e-02	1.027e-02	9.373e-05	2.184e-04	323.0					132(3)
	SLD:ok	0.03		-3.743e-04	1.366e-02		9.866e-05		323.0					148(3)
		0.03		3.447e-04	1.313e-02		9.437e-05		323.0					164(3)
49	SLV:ok	0.02	0.02	-1.515e-04	1.170e-02	9.501e-03	1.403e-04	3.116e-04	169.6	-389.8	-94.6	0.0	0.0	116(3),116
		0.01		-1.247e-04	1.141e-02	1.101e-02	1.469e-04	4.069e-04	153.4					116(3)
	SLD:ok	0.01		-1.343e-04	1.170e-02		1.400e-04		170.1					148(3)
		9.55e-03		-1.088e-04	1.139e-02		1.468e-04		152.9					148(3)
50	SLV:ok	0.01	0.02	-1.511e-04	1.520e-02	1.140e-02	1.445e-04	2.922e-04	237.9	-29.6	347.0	0.0	0.0	115(3),135
		0.02		-1.572e-04	1.253e-02	9.401e-03	1.431e-04	2.814e-04	183.4					129(2)
	SLD:ok	8.64e-03		-1.415e-04	1.637e-02		1.504e-04		250.6					148(3)
		0.01		-1.406e-04	1.282e-02		1.428e-04		190.2					161(2)
51	SLV:ok	7.25e-03	8.06e-03	-7.157e-05	1.304e-02	9.872e-03	1.372e-04	2.813e-04	205.0	155.8	57.5	0.0	0.0	133(2),125
		6.12e-03		5.728e-05	1.153e-02	9.364e-03	1.405e-04	3.110e-04	165.6					121(3)
	SLD:ok	4.46e-03		-5.655e-05	1.269e-02		1.368e-04		197.9					161(2)
		4.35e-03		5.003e-05	1.151e-02		1.397e-04		166.4					157(3)
52	SLV:ok	0.01	0.02	-1.215e-04	1.056e-02	8.370e-03	1.420e-04	2.992e-04	141.5	-218.7	447.5	0.0	0.0	135(2),129
		0.02		-1.990e-04	1.196e-02	8.968e-03	1.367e-04	2.653e-04	181.4					129(2)
	SLD:ok	9.36e-03		-9.642e-05	1.030e-02		1.406e-04		137.5					167(2)
		0.01		-1.743e-04	1.205e-02		1.356e-04		185.3					161(2)
75	SLV:ok	0.02	0.02	-2.509e-04	1.389e-02	1.165e-02	1.416e-04	3.387e-04	215.7	-16.3	404.1	0.0	0.0	129(2),135

		0.02		-2.214e-04	1.342e-02	1.201e-02	1.433e-04	3.725e-04	202.3					129(2)
	SLD:ok	0.02		-2.158e-04	1.397e-02		1.418e-04		216.9					161(2)
		0.01		-1.861e-04	1.342e-02		1.439e-04		201.1					161(2)
76	SLV:ok	0.03	0.06	-2.696e-04	8.776e-03	8.868e-03	9.774e-05	3.020e-04	170.0	-2138.5	-483.8	0.0	0.0	
116(3),116														
		0.05		-5.093e-04	1.115e-02	9.960e-03	9.528e-05	2.602e-04	255.2					132(3)
	SLD:ok	0.03		-2.477e-04	8.714e-03		9.791e-05		167.5					148(3)
		0.05		-5.418e-04	1.138e-02		9.907e-05		250.5					148(3)
77	SLV:ok	0.02	0.05	-1.617e-04	7.986e-03	6.996e-03	9.365e-05	2.374e-04	152.4	-1816.0	226.6	0.0	0.0	
135(3),123														
		0.04		-4.796e-04	1.155e-02	1.076e-02	9.604e-05	2.799e-04	265.6					135(3)
	SLD:ok	0.02		-1.893e-04	8.554e-03		1.000e-04		157.3					155(3)
		0.04		-5.054e-04	1.188e-02		1.008e-04		260.7					155(3)
78	SLV:ok	0.03	0.03	-2.982e-04	1.288e-02	9.855e-03	1.321e-04	2.767e-04	211.3	-368.5	498.6	0.0	0.0	
135(2),129														
		0.03		-2.846e-04	1.270e-02	9.767e-03	1.323e-04	2.785e-04	206.7					135(2)
	SLD:ok	0.02		-2.549e-04	1.285e-02		1.317e-04		211.5					161(2)
		0.02		-2.430e-04	1.264e-02		1.317e-04		206.5					161(2)
87	SLV:ok	0.04	0.07	-3.549e-04	9.965e-03	8.854e-03	1.326e-04	3.296e-04	141.3	-1408.3	485.5	0.0	0.0	
135(3),123														
		0.04		-3.052e-04	9.518e-03	8.493e-03	1.324e-04	3.290e-04	130.7					135(3)
	SLD:ok	0.04		-3.701e-04	1.011e-02		1.353e-04		140.7					155(3)
		0.03		-3.234e-04	9.706e-03		1.352e-04		131.3					155(3)
88	SLV:ok	0.05	0.23	-6.065e-04	7.768e-03	1.194e-02	9.890e-05	5.081e-04	133.0	-7684.8	108.2	0.0	0.0	
123(3),128														
		0.05		-6.290e-04	7.903e-03	1.163e-02	9.821e-05	4.809e-04	139.2					135(3)
	SLD:ok	0.08		-5.972e-04	7.768e-03		9.893e-05		133.0					155(3)
		0.08		-6.497e-04	7.940e-03		9.887e-05		139.0					155(3)
89	SLV:ok	0.05	0.23	-5.617e-04	7.680e-03	1.071e-02	9.786e-05	4.480e-04	132.1	-7577.7	-537.4	0.0	0.0	
132(3),120														
		0.06		-6.260e-04	7.894e-03	1.102e-02	9.773e-05	4.491e-04	139.9					132(3)
	SLD:ok	0.08		-5.818e-04	7.721e-03		9.847e-05		132.2					148(3)
		0.08		-6.456e-04	7.930e-03		9.838e-05		139.8					148(3)
90	SLV:ok	0.02	0.03	1.524e-04	9.627e-03	8.068e-03	1.307e-04	2.992e-04	135.9	260.5	606.8	0.0	0.0	
113(3),135														
		0.02		-1.857e-04	1.027e-02	8.690e-03	1.314e-04	3.075e-04	150.4					129(2)
	SLD:ok	0.01		1.356e-04	9.618e-03		1.301e-04		136.5					145(3)
		0.02		-1.766e-04	1.030e-02		1.316e-04		151.0					161(2)
95	SLV:ok	0.02	0.02	-2.094e-04	1.432e-02	1.381e-02	1.415e-04	4.149e-04	225.0	-326.0	16.5	0.0	0.0	
115(3),116														
		0.01		-1.551e-04	1.289e-02	1.312e-02	1.421e-04	4.372e-04	193.0					115(3)
	SLD:ok	0.01		-1.911e-04	1.454e-02		1.432e-04		226.5					148(3)
		0.01		-1.368e-04	1.308e-02		1.454e-04		191.5					148(3)
96	SLV:ok	0.01	0.03	1.506e-04	1.003e-02	1.277e-02	1.406e-04	5.478e-04	131.4	635.5	53.0	0.0	0.0	
113(3),113														
		0.01		1.714e-04	1.035e-02	1.248e-02	1.393e-04	5.120e-04	140.6					113(3)
	SLD:ok	0.01		1.334e-04	1.000e-02		1.403e-04		131.1					145(3)
		0.01		1.532e-04	1.035e-02		1.391e-04		140.9					145(3)
102	SLV:ok	6.20e-03	0.03	9.624e-05	1.608e-02	1.552e-02	9.447e-05	3.096e-04	418.0	1127.5	-48.2	0.0	0.0	
129(2),113														
		0.04		1.007e-03	1.675e-02	2.309e-02	9.883e-05	5.220e-04	418.0					119(3)
	SLD:ok	5.37e-03		8.694e-05	1.620e-02		9.527e-05		418.0					161(2)
		0.06		1.001e-03	1.681e-02		9.917e-05		418.0					148(3)
103	SLV:ok	0.02	0.13	1.985e-04	6.788e-03	1.236e-02	9.790e-05	6.179e-04	98.5	4296.6	-52.9	0.0	0.0	
117(3),117														
		0.03		5.660e-04	8.918e-03	1.734e-02	9.825e-05	6.801e-04	173.5					113(3)
	SLD:ok	0.03		1.972e-04	6.799e-03		9.790e-05		98.9					145(3)
		0.06		5.558e-04	8.908e-03		9.827e-05		173.1					149(3)
107	SLV:ok	4.50e-03	0.03	6.430e-05	1.593e-02	1.428e-02	9.349e-05	2.753e-04	418.0	1161.1	-26.6	0.0	0.0	
141(2),122														
		0.04		8.892e-04	1.685e-02	2.307e-02	9.945e-05	5.207e-04	418.0					127(3)
	SLD:ok	3.74e-03		5.990e-05	1.602e-02		9.412e-05		418.0					173(2)
		0.05		8.903e-04	1.686e-02		9.954e-05		418.0					160(3)
108	SLV:ok	0.02	0.13	1.984e-04	6.840e-03	1.215e-02	9.796e-05	5.995e-04	100.5	4321.4	-16.6	0.0	0.0	
133(3),125														
		0.03		5.563e-04	8.880e-03	1.710e-02	9.843e-05	6.727e-04	171.8					122(3)
	SLD:ok	0.03		2.030e-04	6.858e-03		9.841e-05		100.3					157(3)
		0.06		5.495e-04	8.880e-03		9.847e-05		171.7					153(3)
111	SLV:ok	4.04e-03	4.96e-03	-5.274e-05	1.666e-02	1.307e-02	1.347e-04	3.050e-04	292.2	95.9	41.4	0.0	0.0	
123(3),125														
		6.32e-03		7.759e-05	1.486e-02	1.229e-02	1.365e-04	3.269e-04	247.3					121(3)
	SLD:ok	2.80e-03		-3.492e-05	1.247e-02		1.363e-04		193.7					165(2)
		4.50e-03		6.864e-05	1.524e-02		1.367e-04		255.4					157(3)
112	SLV:ok	0.01	0.04	-1.762e-04	1.010e-02	1.253e-02	1.408e-04	5.324e-04	132.7	-729.9	67.3	0.0	0.0	
123(3),123														
		0.02		-1.941e-04	1.032e-02	1.219e-02	1.396e-04	4.999e-04	139.3					123(3)
	SLD:ok	0.02		-1.611e-04	1.009e-02		1.407e-04		132.5					155(3)

		0.02		-1.777e-04	1.032e-02		1.395e-04		139.5						155(3)
114	SLV:ok	6.87e-03	0.04	5.567e-05	6.860e-03	8.103e-03	9.936e-05	3.701e-04	98.6	1241.9	97.6	0.0	0.0		
117(3),113															
		0.02		2.675e-04	1.073e-02	1.385e-02	1.010e-04	4.412e-04	224.4						117(3)
	SLD:ok	6.53e-03		4.344e-05	6.655e-03		9.913e-05		90.6						145(3)
		0.02		2.607e-04	1.100e-02		1.011e-04		232.4						145(3)
115	SLV:ok	0.02	0.05	-1.501e-04	7.820e-03	7.790e-03	9.646e-05	2.892e-04	140.0	-1723.9	308.1	0.0	0.0		
116(3),116															
		0.03		-3.393e-04	1.288e-02	1.056e-02	9.234e-05	2.295e-04	323.0						130(2)
	SLD:ok	0.02		-1.335e-04	7.694e-03		9.619e-05		136.1						148(3)
		0.03		-2.445e-04	8.975e-03		9.374e-05		186.9						148(3)
116	SLV:ok	0.05	0.06	-4.013e-04	9.555e-03	8.509e-03	9.218e-05	2.461e-04	211.2	-1303.1	2116.6	0.0	0.0		
131(2),129															
		0.05		-3.849e-04	9.415e-03	8.415e-03	9.206e-05	2.466e-04	206.8						131(2)
	SLD:ok	0.04		-3.762e-04	9.570e-03		9.229e-05		211.5						161(2)
		0.04		-3.594e-04	9.423e-03		9.223e-05		206.5						161(2)
117	SLV:ok	0.02	0.05	2.192e-04	8.971e-03	1.212e-02	9.718e-05	4.382e-04	177.9	1586.8	90.5	0.0	0.0		
117(3),113															
		0.03		3.863e-04	1.075e-02	1.294e-02	9.600e-05	3.899e-04	239.7						114(3)
	SLD:ok	0.02		2.090e-04	8.976e-03		9.707e-05		178.3						145(3)
		0.03		3.707e-04	1.075e-02		9.604e-05		239.7						145(3)
118	SLV:ok	0.02	0.02	2.215e-04	1.303e-02	1.062e-02	9.354e-05	2.303e-04	323.0	-795.5	-149.5	0.0	0.0		
132(2),116															
		8.18e-03		7.342e-05	9.477e-03	8.971e-03	9.660e-05	2.774e-04	196.2						114(3)
	SLD:ok	0.01		1.923e-04	1.301e-02		9.340e-05		323.0						164(2)
		6.56e-03		6.551e-05	9.981e-03		9.711e-05		211.4						145(3)
119	SLV:ok	7.41e-03	0.01	8.688e-05	1.036e-02	1.173e-02	9.734e-05	3.606e-04	223.1	-462.7	-23.6	0.0	0.0		
113(3),116															
		8.69e-03		-9.831e-05	1.051e-02	1.131e-02	9.644e-05	3.360e-04	230.5						115(3)
	SLD:ok	6.59e-03		6.937e-05	1.052e-02		9.707e-05		229.0						145(3)
		7.70e-03		-8.442e-05	1.097e-02		1.002e-04		234.2						152(3)
120	SLV:ok	6.87e-03	0.02	-6.841e-05	1.123e-02	9.962e-03	9.119e-05	2.495e-04	272.0	615.5	28.8	0.0	0.0		
136(2),113															
		3.72e-03		3.827e-05	7.253e-03	1.029e-02	9.628e-05	4.507e-04	119.8						114(3)
	SLD:ok	6.94e-03		5.726e-05	8.254e-03		9.637e-05		155.4						149(3)
		4.58e-03		3.312e-05	7.235e-03		9.754e-05		116.6						149(3)
121	SLV:ok	0.03	0.06	-2.729e-04	9.723e-03	8.833e-03	9.117e-05	2.518e-04	220.1	-1849.8	1288.1	0.0	0.0		
136(2),116															
		0.02		-1.332e-04	7.298e-03	8.023e-03	9.357e-05	3.202e-04	127.2						115(3)
	SLD:ok	0.03		-2.626e-04	9.605e-03		9.115e-05		216.1						168(2)
		0.02		-1.307e-04	7.300e-03		9.399e-05		126.4						148(3)
122	SLV:ok	0.02	0.05	-1.356e-04	7.845e-03	8.768e-03	1.025e-04	3.525e-04	128.4	-1833.4	-7.3	0.0	0.0		
116(3),116															
		0.03		-2.999e-04	9.966e-03	1.150e-02	1.033e-04	3.827e-04	194.6						116(3)
	SLD:ok	0.02		-1.165e-04	7.730e-03		1.028e-04		123.8						148(3)
		0.03		-2.902e-04	1.011e-02		1.032e-04		199.2						148(3)
123	SLV:ok	0.03	0.06	-3.734e-04	1.027e-02	1.434e-02	1.013e-04	4.824e-04	209.4	-1976.8	-20.8	0.0	0.0		
116(3),116															
		0.03		-3.675e-04	1.019e-02	1.376e-02	1.006e-04	4.604e-04	208.5						115(3)
	SLD:ok	0.03		-3.583e-04	1.029e-02		1.013e-04		209.8						148(3)
		0.03		-3.527e-04	1.024e-02		1.014e-04		208.2						148(3)
124	SLV:ok	0.02	0.06	-2.035e-04	8.381e-03	1.254e-02	9.733e-05	4.913e-04	157.6	-2055.6	-25.9	0.0	0.0		
131(3),115															
		0.01		-1.314e-04	7.350e-03	1.314e-02	9.859e-05	6.037e-04	118.7						115(3)
	SLD:ok	0.03		-2.089e-04	8.353e-03		9.822e-05		154.6						147(3)
		0.02		-1.245e-04	7.320e-03		9.869e-05		117.4						147(3)
125	SLV:ok	0.02	0.07	2.302e-04	8.083e-03	1.103e-02	9.615e-05	4.330e-04	150.0	2327.3	-280.7	0.0	0.0		
113(3),118															
		0.01		1.559e-04	7.355e-03	1.131e-02	9.706e-05	4.996e-04	122.0						113(3)
	SLD:ok	0.03		2.292e-04	8.120e-03		9.624e-05		151.1						150(3)
		0.02		1.507e-04	7.333e-03		9.719e-05		120.9						150(3)
126	SLV:ok	0.02	0.03	-2.241e-04	1.046e-02	1.323e-02	9.765e-05	4.177e-04	225.4	-1024.9	-186.1	0.0	0.0		
120(3),116															
		6.18e-03		-4.671e-05	6.664e-03	7.563e-03	9.576e-05	3.420e-04	97.6						116(3)
	SLD:ok	0.02		-2.081e-04	1.052e-02		9.765e-05		227.3						148(3)
		6.23e-03		-4.110e-05	6.596e-03		9.529e-05		95.7						148(3)
127	SLV:ok	6.73e-03	9.83e-03	8.565e-05	1.481e-02	1.273e-02	9.118e-05	2.502e-04	392.5	-327.9	-129.7	0.0	0.0		
119(2),116															
		4.86e-03		-7.963e-05	1.085e-02	1.640e-02	9.723e-05	5.235e-04	239.3						120(3)
	SLD:ok	5.52e-03		8.168e-05	1.481e-02		9.113e-05		392.8						151(2)
		5.97e-03		-6.384e-05	1.070e-02		9.727e-05		234.3						148(3)
128	SLV:ok	4.85e-03	0.02	4.703e-05	8.183e-03	9.690e-03	9.411e-05	3.576e-04	158.3	509.2	-54.5	0.0	0.0		
141(3),113															
		3.15e-03		3.616e-05	7.406e-03	1.149e-02	9.612e-05	5.012e-04	125.8						114(3)
	SLD:ok	5.99e-03		4.782e-05	7.987e-03		9.484e-05		149.6						146(3)
		4.53e-03		3.329e-05	7.350e-03		9.633e-05		123.3						145(3)
144	SLV:ok	0.01	0.04	8.742e-05	8.464e-03	6.814e-03	9.367e-05	2.116e-04	169.3	-1276.6	-538.8	0.0	0.0		

132(2),116															
		0.03		-2.509e-04	1.053e-02	9.037e-03	9.700e-05	2.466e-04	229.5						132(3)
	SLD:ok	9.18e-03		7.649e-05	8.335e-03		9.360e-05		164.9						164(2)
		0.02		-2.469e-04	1.028e-02		9.827e-05		217.8						148(3)
145	SLV:ok	0.04	0.06	-3.528e-04	9.608e-03	8.183e-03	9.229e-05	2.312e-04	212.7	-1962.0	-861.3	0.0	0.0		
132(3),116															
		0.04		-3.292e-04	9.368e-03	7.978e-03	9.201e-05	2.298e-04	205.3						132(3)
	SLD:ok	0.04		-3.712e-04	9.899e-03		9.565e-05		212.8						148(3)
		0.04		-3.457e-04	9.604e-03		9.487e-05		205.2						148(3)
146	SLV:ok	0.03	0.08	-1.965e-04	7.302e-03	7.542e-03	9.325e-05	2.942e-04	128.1	-2776.0	-825.9	0.0	0.0		
132(3),116															
		0.03		-2.452e-04	7.814e-03	8.980e-03	9.462e-05	3.436e-04	143.9						132(3)
	SLD:ok	0.03		-1.955e-04	7.284e-03		9.382e-05		126.2						148(3)
		0.03		-2.570e-04	7.952e-03		9.597e-05		145.8						148(3)
147	SLV:ok	0.06	0.04	6.460e-04	1.305e-02	1.064e-02	9.373e-05	2.307e-04	323.0	720.8	-1342.0	0.0	0.0		
114(3),134															
		0.02		1.492e-04	8.360e-03	7.239e-03	9.435e-05	2.361e-04	163.9						129(2)
	SLD:ok	0.05		6.196e-04	1.308e-02		9.399e-05		323.0						149(3)
		0.02		1.399e-04	8.203e-03		9.454e-05		158.0						161(2)
148	SLV:ok	0.03	0.04	3.825e-04	1.149e-02	1.412e-02	9.928e-05	4.155e-04	253.3	-217.4	-1430.0	0.0	0.0		
130(2),132															
		0.02		-2.581e-04	1.461e-02	1.381e-02	9.541e-05	2.971e-04	366.5						135(2)
	SLD:ok	0.03		3.515e-04	1.182e-02		1.001e-04		260.8						164(2)
		0.02		1.305e-04	8.279e-03		9.600e-05		157.2						164(2)
149	SLV:ok	8.55e-03	0.03	-8.510e-05	7.958e-03	9.948e-03	9.552e-05	3.858e-04	147.0	-75.0	1165.7	0.0	0.0		
115(2),129															
		9.49e-03		-9.462e-05	7.672e-03	9.970e-03	9.572e-05	4.039e-04	136.4						131(2)
	SLD:ok	0.01		-9.109e-05	7.828e-03		9.732e-05		138.5						163(2)
		0.01		-8.648e-05	7.642e-03		9.636e-05		133.9						161(2)
160	SLV:ok	2.80e-03	0.01	5.616e-05	1.420e-02	2.006e-02	1.006e-04	5.257e-04	332.1	9.6	418.1	0.0	0.0		
126(3),129															
		0.02		-3.006e-04	1.658e-02	1.855e-02	9.775e-05	3.927e-04	418.0						135(2)
	SLD:ok	3.33e-03		5.183e-05	1.558e-02		1.006e-04		374.1						158(3)
		0.02		-2.535e-04	1.675e-02		9.882e-05		418.0						161(2)
161	SLV:ok	2.47e-03	0.01	5.675e-05	1.708e-02	2.299e-02	1.009e-04	5.165e-04	418.0	-60.9	-354.1	0.0	0.0		
118(3),132															
		0.02		2.602e-04	1.644e-02	1.669e-02	9.682e-05	3.404e-04	418.0						136(2)
	SLD:ok	3.20e-03		5.460e-05	1.708e-02		1.009e-04		418.0						150(3)
		0.01		2.055e-04	1.635e-02		9.620e-05		418.0						164(2)
162	SLV:ok	0.03	0.02	3.983e-04	1.572e-02	1.320e-02	9.216e-05	2.458e-04	418.0	154.4	-823.6	0.0	0.0		
121(3),132															
		0.03		4.259e-04	1.400e-02	1.340e-02	9.467e-05	2.984e-04	350.1						136(2)
	SLD:ok	0.03		3.962e-04	1.577e-02		9.244e-05		418.0						153(3)
		0.03		4.036e-04	1.487e-02		9.418e-05		380.2						164(2)
163	SLV:ok	0.04	0.07	-3.790e-04	9.316e-03	8.523e-03	9.124e-05	2.527e-04	205.7	-2106.5	-2260.3	0.0	0.0		
121(3),129															
		0.02		1.578e-04	7.176e-03	7.571e-03	9.305e-05	3.019e-04	123.7						136(2)
	SLD:ok	0.04		-3.768e-04	9.305e-03		9.124e-05		205.3						153(3)
		0.02		1.525e-04	7.115e-03		9.297e-05		121.5						164(2)
164	SLV:ok	8.73e-03	0.04	-1.002e-04	7.429e-03	1.148e-02	9.713e-05	5.033e-04	124.6	31.3	1454.3	0.0	0.0		
135(2),129															
		9.79e-03		-1.374e-04	8.126e-03	1.404e-02	9.797e-05	5.824e-04	147.4						135(2)
	SLD:ok	0.01		-9.518e-05	7.480e-03		9.776e-05		125.1						161(2)
		0.02		-1.291e-04	8.148e-03		9.856e-05		146.9						165(2)
168	SLV:ok	9.39e-03	0.02	1.116e-04	9.545e-03	1.189e-02	9.909e-05	4.060e-04	191.9	180.7	-711.0	0.0	0.0		
136(2),132															
		0.02		1.547e-04	1.001e-02	8.737e-03	9.254e-05	2.417e-04	225.8						134(2)
	SLD:ok	9.79e-03		9.282e-05	9.480e-03		9.878e-05		190.6						164(2)
		0.01		2.157e-04	1.584e-02		9.293e-05		418.0						154(3)
169	SLV:ok	0.02	0.03	1.444e-04	9.013e-03	9.224e-03	9.318e-05	2.978e-04	189.7	928.4	-774.8	0.0	0.0		
122(3),122															
		0.01		1.072e-04	8.512e-03	8.891e-03	9.329e-05	3.035e-04	171.9						134(2)
	SLD:ok	0.02		1.418e-04	9.120e-03		9.304e-05		193.8						154(3)
		0.01		1.018e-04	8.455e-03		9.344e-05		169.6						166(2)
175	SLV:ok	0.01	0.01	1.600e-04	1.435e-02	1.388e-02	1.411e-04	4.155e-04	226.6	232.8	-48.3	0.0	0.0		
122(3),122															
		9.62e-03		1.143e-04	1.262e-02	1.188e-02	1.395e-04	3.869e-04	191.4						122(3)
	SLD:ok	9.82e-03		1.425e-04	1.451e-02		1.414e-04		229.4						154(3)
		7.73e-03		9.659e-05	1.250e-02		1.396e-04		188.6						154(3)
176	SLV:ok	4.12e-03	0.01	4.537e-05	9.088e-03	1.101e-02	1.380e-04	5.015e-04	112.7	260.0	-3.3	0.0	0.0		
122(3),122															
		6.67e-03		8.928e-05	1.110e-02	1.338e-02	1.382e-04	5.162e-04	159.3						122(3)
	SLD:ok	4.16e-03		3.734e-05	8.968e-03		1.380e-04		109.7						154(3)
		7.18e-03		8.045e-05	1.121e-02		1.379e-04		162.3						154(3)
177	SLV:ok	5.71e-03	0.02	-8.352e-05	1.797e-02	1.462e-02	1.294e-04	3.169e-04	336.8	422.4	53.0	0.0	0.0		
127(2),122															
		0.04		1.065e-03	2.269e-02	2.514e-02	1.376e-04	5.425e-04	418.0						122(3)

	SLD:ok	4.14e-03		-6.922e-05	1.673e-02		1.296e-04		307.6					159(2)
		0.04		1.018e-03	2.270e-02		1.377e-04		418.0					154(3)
178	SLV:ok	0.03	0.05	3.909e-04	1.168e-02	1.464e-02	1.376e-04	5.463e-04	173.6	1042.5	31.8	0.0	0.0	123(3),122
		0.02		2.684e-04	1.017e-02	1.512e-02	1.393e-04	6.580e-04	136.4					126(3)
	SLD:ok	0.03		3.746e-04	1.147e-02		1.376e-04		168.9					155(3)
		0.03		2.528e-04	1.001e-02		1.392e-04		132.8					154(3)
187	SLV:ok	9.98e-03	0.02	1.593e-04	1.011e-02	1.597e-02	9.693e-05	5.423e-04	216.1	792.3	159.9	0.0	0.0	133(3),133
		0.01		1.414e-04	9.416e-03	9.598e-03	9.259e-05	2.971e-04	205.3					143(3)
	SLD:ok	0.02		1.618e-04	1.032e-02		9.793e-05		220.0					157(3)
		0.01		1.402e-04	9.437e-03		9.290e-05		205.1					167(3)
188	SLV:ok	8.65e-03	0.02	-9.144e-05	1.059e-02	1.058e-02	9.271e-05	2.954e-04	245.1	624.6	322.5	0.0	0.0	141(2),122
		5.17e-03		5.052e-05	7.596e-03	9.762e-03	9.489e-05	3.955e-04	135.4					122(3)
	SLD:ok	8.62e-03		-9.223e-05	1.070e-02		9.483e-05		241.8					175(2)
		5.57e-03		4.185e-05	7.510e-03		9.458e-05		133.0					154(3)

Pilas.	**ver. (d)**	**ver. (f)**
	0.08	0.23

Pilas.	**V. SLV**	**Nodo**	**Ver. VC**	**Direz.**	**N fr**	**V fr**	**M fr**	**N dutt**	**LV**	**mud,pl**	**V cic**	**Cmb**
					daN	daN	daN cm	daN	cm		daN	
5	ok	61	0.01	2	-6984.24	-471.66	-1.880e+04	-6984.24	39.86	0.0	4.183e+04	116
		95	0.01	2	-5896.24	-471.66	1.095e+05	-5896.24	232.14	0.0	1.859e+04	116
6	ok	6	1.00e-02	2	-1.232e+04	333.73	9.894e+04	-1.232e+04	296.47	0.0	1.879e+04	113
		61	1.00e-02	2	-1.065e+04	333.73	-4.056e+04	-1.065e+04	121.53	0.0	2.982e+04	113
10	ok	161	0.01	3	-9300.87	438.56	6.590e+04	-9300.87	150.27	0.0	2.568e+04	129
		164	0.01	3	-8212.87	438.56	-5.339e+04	-8212.87	121.73	0.0	2.955e+04	129
42	ok	104	0.02	2	-3.617e+04	501.79	5.319e+04	-3.617e+04	106.01	0.0	3.478e+04	113
		6	0.02	2	-3.488e+04	501.79	-1.089e+05	-3.488e+04	216.99	0.0	2.016e+04	113
43	ok	21	5.24e-03	2	-4.711e+04	-175.06	-9.268e+04	-4.711e+04	323.00	0.0	1.992e+04	113
		14	5.24e-03	2	-4.582e+04	-175.06	-3.613e+04	-4.582e+04	323.00	0.0	1.988e+04	113
44	ok	26	0.01	2	-5.388e+04	-385.42	-2.801e+04	-5.388e+04	72.68	0.0	4.342e+04	128
		18	0.01	2	-5.258e+04	-385.42	9.648e+04	-5.258e+04	250.32	0.0	2.060e+04	128
45	ok	88	0.02	2	-2.271e+04	-507.18	-8.282e+04	-2.271e+04	163.29	0.0	2.485e+04	128
		54	0.02	2	-2.142e+04	-507.18	8.100e+04	-2.142e+04	159.71	0.0	2.528e+04	128
46	ok	40	0.02	3	-6.597e+04	-792.60	-1.469e+05	-6.597e+04	185.28	0.0	2.401e+04	132
		20	0.02	3	-6.468e+04	-792.60	1.092e+05	-6.468e+04	137.72	0.0	3.156e+04	132
47	ok	11	8.92e-03	2	-2.545e+04	-297.59	-8.687e+04	-2.545e+04	291.91	0.0	1.932e+04	120
		109	8.92e-03	2	-2.415e+04	-297.59	9250.73	-2.415e+04	31.09	0.0	5.020e+04	120
48	ok	24	0.03	3	-6.624e+04	-900.13	-1.597e+05	-6.624e+04	177.37	0.0	2.524e+04	132
		16	0.03	3	-6.495e+04	-900.13	1.311e+05	-6.495e+04	145.63	0.0	3.026e+04	132
49	ok	105	0.02	2	-4.404e+04	-389.84	-6.611e+04	-4.404e+04	169.59	0.0	1.350e+04	116
		7	0.02	2	-4.331e+04	-389.84	5.980e+04	-4.331e+04	153.41	0.0	1.368e+04	116
50	ok	106	0.02	3	-6.155e+04	347.04	4.836e+04	-6.155e+04	139.35	0.0	1.584e+04	135
		8	0.02	3	-6.082e+04	347.04	-6.374e+04	-6.082e+04	183.65	0.0	1.375e+04	135
51	ok	45	8.06e-03	2	-4.531e+04	155.76	2.450e+04	-4.531e+04	157.32	0.0	1.369e+04	125
		4	8.06e-03	2	-4.458e+04	155.76	-2.581e+04	-4.458e+04	165.68	0.0	1.356e+04	125
52	ok	74	0.02	3	-5.215e+04	447.45	6.336e+04	-5.215e+04	141.63	0.0	1.524e+04	129
		3	0.02	3	-5.142e+04	447.45	-8.116e+04	-5.142e+04	181.37	0.0	1.357e+04	129
75	ok	8	0.02	3	-3.916e+04	404.14	8.711e+04	-3.916e+04	215.54	0.0	1.296e+04	135
		55	0.02	3	-3.822e+04	404.14	-8.182e+04	-3.822e+04	202.46	0.0	1.302e+04	135
76	ok	16	0.06	2	-5.092e+04	-2138.47	-3.635e+05	-5.092e+04	169.99	0.0	2.561e+04	116
		33	0.06	2	-4.925e+04	-2138.47	5.304e+05	-4.925e+04	248.01	0.0	2.050e+04	116
77	ok	20	0.05	2	-4.859e+04	-1815.98	-2.895e+05	-4.859e+04	159.43	0.0	2.710e+04	123
		35	0.05	2	-4.692e+04	-1815.98	4.696e+05	-4.692e+04	258.57	0.0	2.032e+04	123
78	ok	3	0.03	3	-3.283e+04	498.61	1.053e+05	-3.283e+04	211.25	0.0	1.280e+04	129
		64	0.03	3	-3.189e+04	498.61	-1.031e+05	-3.189e+04	206.75	0.0	1.280e+04	129
87	ok	64	0.07	2	-1.306e+04	-1408.28	-1.978e+05	-1.306e+04	140.45	0.0	1.362e+04	123
		97	0.07	2	-1.245e+04	-1408.28	1.853e+05	-1.245e+04	131.55	0.0	1.478e+04	123
88	ok	35	0.23	2	-2.011e+04	-7684.82	-1.022e+06	-2.011e+04	133.01	0.0	2.905e+04	128
		71	0.23	2	-1.902e+04	-7684.82	1.068e+06	-1.902e+04	138.99	0.0	2.808e+04	128
89	ok	33	0.23	2	-2.073e+04	-7577.74	-1.003e+06	-2.073e+04	132.32	0.0	2.920e+04	120
		69	0.23	2	-1.964e+04	-7577.74	1.058e+06	-1.964e+04	139.68	0.0	2.803e+04	120
90	ok	55	0.03	3	-1.677e+04	606.79	7.390e+04	-1.677e+04	121.78	0.0	1.640e+04	135
		89	0.03	3	-1.615e+04	606.79	-9.115e+04	-1.615e+04	150.22	0.0	1.250e+04	135
95	ok	7	0.02	2	-2.732e+04	-325.97	-7.303e+04	-2.732e+04	224.05	0.0	1.256e+04	116
		56	0.02	2	-2.638e+04	-325.97	6.322e+04	-2.638e+04	193.95	0.0	1.269e+04	116
96	ok	56	0.03	2	-1.088e+04	635.46	8.351e+04	-1.088e+04	131.41	0.0	1.469e+04	113
		90	0.03	2	-1.027e+04	635.46	-8.934e+04	-1.027e+04	140.59	0.0	1.343e+04	113
102	ok	14	0.03	2	-1.910e+04	1127.46	-2.761e+04	-1.910e+04	418.00	0.0	1.883e+04	113
		32	0.03	2	-1.743e+04	1127.46	-4.989e+05	-1.743e+04	418.00	0.0	1.878e+04	113
103	ok	32	0.13	2	-4337.93	4296.64	4.232e+05	-4337.93	98.49	0.0	3.235e+04	117
		68	0.13	2	-3249.93	4296.64	-7.455e+05	-3249.93	173.51	0.0	2.204e+04	117

107	ok	18	0.03	2	-2.387e+04	1161.14	-8574.57	-2.387e+04	418.00	0.0	1.896e+04	122
		34	0.03	2	-2.220e+04	1161.14	-4.939e+05	-2.220e+04	418.00	0.0	1.892e+04	122
108	ok	34	0.13	2	-5931.13	4321.36	4.335e+05	-5931.13	100.31	0.0	3.230e+04	125
		70	0.13	2	-4843.13	4321.36	-7.419e+05	-4843.13	171.69	0.0	2.240e+04	125
111	ok	4	4.96e-03	2	-2.886e+04	95.92	1.639e+04	-2.886e+04	170.88	0.0	1.294e+04	125
		65	4.96e-03	2	-2.792e+04	95.92	-2.371e+04	-2.792e+04	247.12	0.0	1.249e+04	125
112	ok	65	0.04	2	-1.299e+04	-729.90	-9.685e+04	-1.299e+04	132.69	0.0	1.466e+04	123
		98	0.04	2	-1.238e+04	-729.90	1.017e+05	-1.238e+04	139.31	0.0	1.373e+04	123
114	ok	142	0.04	2	-4.459e+04	1241.88	1.226e+05	-4.459e+04	98.74	0.0	3.690e+04	113
		2	0.04	2	-4.330e+04	1241.88	-2.785e+05	-4.330e+04	224.26	0.0	2.048e+04	113
115	ok	103	0.05	2	-4.605e+04	-1723.94	-2.414e+05	-4.605e+04	140.04	0.0	2.998e+04	116
		5	0.05	2	-4.475e+04	-1723.94	3.154e+05	-4.475e+04	182.96	0.0	2.332e+04	116
116	ok	5	0.06	3	-2.637e+04	2116.62	4.471e+05	-2.637e+04	211.21	0.0	1.977e+04	129
		41	0.06	3	-2.470e+04	2116.62	-4.377e+05	-2.470e+04	206.79	0.0	1.972e+04	129
117	ok	2	0.05	2	-1.680e+04	1586.80	2.822e+05	-1.680e+04	177.82	0.0	2.239e+04	113
		36	0.05	2	-1.512e+04	1586.80	-3.811e+05	-1.512e+04	240.18	0.0	1.905e+04	113
118	ok	149	0.02	2	-5.330e+04	-795.51	-1.634e+05	-5.330e+04	205.40	0.0	2.114e+04	116
		146	0.02	2	-5.201e+04	-795.51	9.355e+04	-5.201e+04	117.60	0.0	3.416e+04	116
119	ok	146	0.01	2	-3.147e+04	-462.69	-8.713e+04	-3.147e+04	188.31	0.0	2.181e+04	116
		147	0.01	2	-2.980e+04	-462.69	1.063e+05	-2.980e+04	229.69	0.0	1.982e+04	116
120	ok	147	0.02	2	-9103.57	615.46	9.298e+04	-9103.57	151.07	0.0	2.555e+04	113
		148	0.02	2	-8015.57	615.46	-7.443e+04	-8015.57	120.93	0.0	2.964e+04	113
121	ok	41	0.06	2	-6193.39	-1849.78	-2.670e+05	-6193.39	144.35	0.0	2.623e+04	116
		76	0.06	2	-5105.39	-1849.78	2.361e+05	-5105.39	127.65	0.0	2.842e+04	116
122	ok	153	0.05	2	-6.808e+04	-1833.40	-2.353e+05	-6.808e+04	128.36	0.0	3.339e+04	116
		150	0.05	2	-6.678e+04	-1833.40	3.568e+05	-6.678e+04	194.64	0.0	2.261e+04	116
123	ok	150	0.06	2	-3.973e+04	-1976.78	-4.140e+05	-3.973e+04	209.43	0.0	2.046e+04	116
		151	0.06	2	-3.806e+04	-1976.78	4.123e+05	-3.806e+04	208.57	0.0	2.039e+04	116
124	ok	151	0.06	2	-1.113e+04	-2055.62	-3.151e+05	-1.113e+04	153.31	0.0	2.540e+04	115
		152	0.06	2	-1.004e+04	-2055.62	2.440e+05	-1.004e+04	118.69	0.0	3.017e+04	115
125	ok	36	0.07	2	-9359.20	2327.28	3.490e+05	-9359.20	149.96	0.0	2.572e+04	118
		72	0.07	2	-8271.20	2327.28	-2.840e+05	-8271.20	122.04	0.0	2.951e+04	118
126	ok	100	0.03	2	-2.364e+04	-1024.88	-2.310e+05	-2.364e+04	225.37	0.0	1.954e+04	116
		1	0.03	2	-2.235e+04	-1024.88	1.001e+05	-2.235e+04	97.63	0.0	3.470e+04	116
127	ok	1	9.83e-03	2	-8312.25	-327.93	-5.844e+04	-8312.25	178.21	0.0	2.176e+04	116
		37	9.83e-03	2	-6640.25	-327.93	7.863e+04	-6640.25	239.79	0.0	1.862e+04	116
128	ok	37	0.02	2	-1460.19	509.23	7.385e+04	-1460.19	145.02	0.0	2.572e+04	113
		73	0.02	2	-372.19	509.23	-6.466e+04	-372.19	126.98	0.0	2.803e+04	113
144	ok	107	0.04	2	-7.194e+04	-1276.62	-1.425e+05	-7.194e+04	111.66	0.0	3.672e+04	116
		9	0.04	2	-7.065e+04	-1276.62	2.698e+05	-7.065e+04	211.34	0.0	2.176e+04	116
145	ok	9	0.06	2	-4.146e+04	-1961.97	-4.176e+05	-4.146e+04	212.87	0.0	2.051e+04	116
		42	0.06	2	-3.978e+04	-1961.97	4.025e+05	-3.978e+04	205.13	0.0	2.051e+04	116
146	ok	42	0.08	2	-1.203e+04	-2775.99	-3.475e+05	-1.203e+04	125.18	0.0	2.944e+04	116
		77	0.08	2	-1.095e+04	-2775.99	4.076e+05	-1.095e+04	146.82	0.0	2.629e+04	116
147	ok	111	0.04	3	-5.440e+04	-1341.99	-2.790e+05	-5.440e+04	207.92	0.0	2.115e+04	134
		112	0.04	3	-5.311e+04	-1341.99	1.544e+05	-5.311e+04	115.08	0.0	3.469e+04	134
148	ok	112	0.04	3	-3.574e+04	-1430.02	-3.606e+05	-3.574e+04	252.16	0.0	1.993e+04	132
		113	0.04	3	-3.407e+04	-1430.02	2.372e+05	-3.407e+04	165.84	0.0	2.524e+04	132
149	ok	113	0.03	3	-1.099e+04	1165.74	1.576e+05	-1.099e+04	135.20	0.0	2.792e+04	129
		114	0.03	3	-9904.82	1165.74	-1.595e+05	-9904.82	136.80	0.0	2.760e+04	129
160	ok	156	0.01	3	-3.026e+04	418.11	2.41	-3.026e+04	5.76e-03	0.0	6.272e+07	129
		159	0.01	3	-2.859e+04	418.11	-1.748e+05	-2.859e+04	417.99	0.0	1.909e+04	129
161	ok	154	0.01	3	-3.345e+04	-354.12	-3.24	-3.345e+04	9.14e-03	0.0	4.326e+07	132
		161	0.01	3	-3.178e+04	-354.12	1.480e+05	-3.178e+04	417.99	0.0	1.917e+04	132
162	ok	29	0.02	3	-2.778e+04	-823.63	-5.624e+04	-2.778e+04	68.28	0.0	4.070e+04	132
		46	0.02	3	-2.611e+04	-823.63	2.880e+05	-2.611e+04	349.72	0.0	1.917e+04	132
163	ok	46	0.07	3	-6702.31	-2291.42	-3.401e+05	-6702.31	148.44	0.0	2.571e+04	134
		81	0.07	3	-5614.31	-2291.42	2.831e+05	-5614.31	123.56	0.0	2.903e+04	134
164	ok	159	0.04	3	-8201.85	1454.33	1.811e+05	-8201.85	124.54	0.0	2.916e+04	129
		163	0.04	3	-7113.85	1454.33	-2.145e+05	-7113.85	147.46	0.0	2.588e+04	129
168	ok	28	0.02	3	-3.607e+04	-710.99	-1.365e+05	-3.607e+04	192.01	0.0	2.153e+04	132
		47	0.02	3	-3.439e+04	-710.99	1.607e+05	-3.439e+04	225.99	0.0	2.006e+04	132
169	ok	47	0.03	2	-9269.76	928.41	1.761e+05	-9269.76	189.69	0.0	2.026e+04	122
		82	0.03	2	-8181.76	928.41	-7.641e+04	-8181.76	82.31	0.0	3.521e+04	122
175	ok	155	0.01	2	-2.592e+04	232.76	5.275e+04	-2.592e+04	226.63	0.0	1.251e+04	122
		158	0.01	2	-2.498e+04	232.76	-4.454e+04	-2.498e+04	191.37	0.0	1.265e+04	122
176	ok	158	0.01	2	-6850.02	260.00	2.929e+04	-6850.02	112.65	0.0	1.691e+04	122
		160	0.01	2	-6238.02	260.00	-4.143e+04	-6238.02	159.35	0.0	1.191e+04	122
177	ok	17	0.02	2	-2578.73	422.35	-9511.17	-2578.73	418.00	0.0	1.160e+04	122
		49	0.02	2	-1638.23	422.35	-1.861e+05	-1638.23	418.00	0.0	1.158e+04	122
178	ok	49	0.05	2	-1574.61	1042.51	1.409e+05	-1574.61	135.19	0.0	1.356e+04	122
		84	0.05	2	-962.61	1042.51	-1.426e+05	-962.61	136.81	0.0	1.330e+04	122
187	ok	22	0.02	2	-2576.47	792.33	1.712e+05	-2576.47	216.06	0.0	1.842e+04	133
		58	0.02	2	-904.47	792.33	-1.600e+05	-904.47	201.94	0.0	1.833e+04	133
188	ok	58	0.02	2	-4114.94	624.63	8.530e+04	-4114.94	136.55	0.0	2.710e+04	122
		92	0.02	2	-3026.94	624.63	-8.460e+04	-3026.94	135.45	0.0	2.715e+04	122

Pilas.	Ver. VC
	0.23

Pilas.I	Pilas.S	NodoSL	cod	ver. (+)	V +	V + af s	N +	ver. (-)	V -	V - af s	N -	AreaV2	AreaV3	Rif. cmb
					daN	daN	daN		daN	daN	daN	cm2	cm2	
5		95	SLV:ok	0.15	0.0	-3025.28	0.0	0.02	0.0	-3025.28	0.0	1296.0	1296.0	116(2),116(2)
6	5	61	SLV:ok	0.21	387.12	-7405.99	6984.24	0.06	387.12	-7405.99	6984.24	1296.0	1296.0	116(2),116(2)
10		164	SLV:ok	0.08	0.0	-1706.05	0.0	9.52e-03	0.0	-1706.05	0.0	1296.0	1296.0	132(3),132(3)
42	6	6	SLV:ok	0.19	-463.73	8461.99	1.232e+04	0.09	-462.75	8457.95	1.233e+04	1296.0	1296.0	113(2),117(2)
43	102	14	SLV:ok	0.05	-251.62	-4196.38	1.951e+04	0.11	-318.13	-3916.71	1.963e+04	1296.0	1296.0	116(2),119(2)
44	107	18	SLV:ok	0.04	-997.04	-3528.39	2.400e+04	0.14	-997.04	-3528.39	2.400e+04	1296.0	1296.0	128(2),128(2)
45		54	SLV:ok	0.05	0.0	-1105.67	0.0	6.17e-03	0.0	-1105.67	0.0	1296.0	1296.0	128(2),128(2)
46	77	20	SLV:ok	0.02	743.56	-5538.14	4.845e+04	0.27	743.56	-5538.14	4.845e+04	1296.0	1296.0	132(3),132(3)
47		109	SLV:ok	8.41e-03	0.0	172.08	0.0	9.60e-04	0.0	172.08	0.0	1296.0	1296.0	113(2),113(2)
48	76	16	SLV:ok	0.05	985.02	-8138.23	5.002e+04	0.29	984.42	-8149.26	5.041e+04	1296.0	1296.0	134(3),132(3)
49	95	7	SLV:ok	0.02	325.97	-2871.54	2.732e+04	0.30	309.71	-2744.62	2.735e+04	672.0	672.0	116(2),119(2)
50	75	8	SLV:ok	0.02	-404.14	3826.89	3.916e+04	0.42	-94.75	1356.84	3.919e+04	672.0	784.0	135(3),129(2)
51	111	4	SLV:ok	2.18e-03	-95.92	912.21	2.886e+04	0.32	51.74	-406.63	2.938e+04	672.0	672.0	125(2),128(2)
52	78	3	SLV:ok	0.05	419.26	-4824.33	3.305e+04	0.36	419.26	-4824.33	3.305e+04	672.0	784.0	123(2),123(2)
75	90	55	SLV:ok	0.08	-603.83	4352.38	1.675e+04	0.19	-603.83	4352.38	1.675e+04	672.0	784.0	113(2),113(2)
76	89	33	SLV:ok	0.36	7577.04	-2.190e+04	2.073e+04	0.16	7577.74	-2.190e+04	2.073e+04	1296.0	1296.0	116(2),120(2)
77	88	35	SLV:ok	0.32	7684.82	-2.094e+04	2.011e+04	0.15	7684.82	-2.094e+04	2.011e+04	1296.0	1296.0	128(2),128(2)
78	87	64	SLV:ok	0.16	1408.28	-6367.95	1.306e+04	0.16	1408.28	-6367.95	1.306e+04	672.0	784.0	123(2),123(2)
87		97	SLV:ok	0.28	0.0	-2962.21	0.0	0.03	0.0	-2962.21	0.0	672.0	672.0	123(2),123(2)
88		71	SLV:ok	0.83	0.0	-1.703e+04	0.0	0.09	0.0	-1.703e+04	0.0	1296.0	1296.0	128(2),128(2)
89		69	SLV:ok	0.83	0.0	-1.701e+04	0.0	0.09	0.0	-1.701e+04	0.0	1296.0	1296.0	120(2),120(2)
90		89	SLV:ok	0.35	0.0	3661.76	0.0	0.04	0.0	3661.76	0.0	672.0	672.0	135(3),135(3)
95	96	56	SLV:ok	0.02	-635.46	2338.00	1.088e+04	0.12	-635.46	2338.00	1.088e+04	672.0	672.0	113(2),113(2)
96		90	SLV:ok	0.15	0.0	1616.66	0.0	0.02	0.0	1616.66	0.0	672.0	672.0	113(2),113(2)
102	103	32	SLV:ok	1.00	-4878.10	2.730e+04	4337.63	0.14	-4878.10	2.730e+04	4337.63	1296.0	1296.0	113(2),113(2)
103		68	SLV:ok	0.88	0.0	1.801e+04	0.0	0.10	0.0	1.801e+04	0.0	1296.0	1296.0	117(2),117(2)
107	108	34	SLV:ok	0.90	-4883.70	2.599e+04	5931.13	0.14	-4851.50	2.597e+04	5994.81	1296.0	1296.0	125(2),122(2)
108		70	SLV:ok	0.88	0.0	1.797e+04	0.0	0.10	0.0	1.797e+04	0.0	1296.0	1296.0	125(2),125(2)
111	112	65	SLV:ok	0.02	720.07	-2214.50	1.302e+04	0.14	720.07	-2214.50	1.302e+04	672.0	672.0	128(2),128(2)
112		98	SLV:ok	0.17	0.0	-1840.14	0.0	0.02	0.0	-1840.14	0.0	672.0	672.0	123(2),123(2)
114	117	2	SLV:ok	0.54	-1842.79	1.935e+04	1.680e+04	0.16	-1842.79	1.935e+04	1.680e+04	1296.0	1296.0	113(2),113(2)
115	116	5	SLV:ok	0.31	1714.67	-1.605e+04	2.633e+04	0.18	1693.50	-1.582e+04	2.659e+04	1296.0	1296.0	116(2),115(2)
116	121	41	SLV:ok	0.66	-1286.54	1.748e+04	6167.54	0.11	-1286.54	1.748e+04	6167.54	1296.0	1296.0	129(3),129(3)
117	125	36	SLV:ok	0.67	-2319.37	2.003e+04	9352.84	0.13	-2319.37	2.003e+04	9352.84	1296.0	1296.0	113(2),113(2)
118	119	146	SLV:ok	0.02	-410.43	4437.35	3.152e+04	0.18	-410.43	4437.35	3.152e+04	1296.0	1296.0	113(2),113(2)
119	120	147	SLV:ok	0.06	-615.46	4141.93	9103.57	0.06	-615.46	4141.93	9103.57	1296.0	1296.0	113(2),113(2)
120		148	SLV:ok	0.09	0.0	1782.24	0.0	9.94e-03	0.0	1782.24	0.0	1296.0	1296.0	113(2),113(2)
121		76	SLV:ok	0.26	0.0	-5339.49	0.0	0.03	0.0	-5339.49	0.0	1296.0	1296.0	116(2),116(2)
122	123	150	SLV:ok	0.29	1976.78	-1.846e+04	3.973e+04	0.25	1976.78	-1.846e+04	3.973e+04	1296.0	1296.0	116(2),116(2)
123	124	151	SLV:ok	0.53	2041.65	-1.737e+04	1.112e+04	0.12	2041.65	-1.737e+04	1.112e+04	1296.0	1296.0	116(2),116(2)
124		152	SLV:ok	0.29	0.0	-5842.60	0.0	0.03	0.0	-5842.60	0.0	1296.0	1296.0	115(2),115(2)
125		72	SLV:ok	0.33	0.0	6849.89	0.0	0.04	0.0	6849.89	0.0	1296.0	1296.0	118(2),118(2)
126	127	1	SLV:ok	0.21	380.02	-7851.14	8312.25	0.07	380.02	-7851.14	8312.25	1296.0	1296.0	116(2),116(2)
127	128	37	SLV:ok	0.13	-590.07	3973.65	1460.19	0.02	-590.07	3973.65	1460.19	1296.0	1296.0	113(2),113(2)
128		73	SLV:ok	0.09	0.0	1746.77	0.0	9.74e-03	0.0	1746.77	0.0	1296.0	1296.0	113(2),113(2)
144	145	9	SLV:ok	0.22	1961.97	-1.640e+04	4.146e+04	0.26	1944.11	-1.630e+04	4.161e+04	1296.0	1296.0	116(2),115(2)
145	146	42	SLV:ok	0.48	2775.99	-1.747e+04	1.203e+04	0.12	2775.14	-1.747e+04	1.204e+04	1296.0	1296.0	116(2),120(2)
146		77	SLV:ok	0.42	0.0	-8668.15	0.0	0.05	0.0	-8668.15	0.0	1296.0	1296.0	116(2),116(2)
147	148	112	SLV:ok	0.16	1430.02	-1.291e+04	3.574e+04	0.22	1430.02	-1.291e+04	3.574e+04	1296.0	1296.0	132(3),132(3)
148	149	113	SLV:ok	0.16	-1165.74	7923.42	1.099e+04	0.08	-1165.74	7923.42	1.099e+04	1296.0	1296.0	129(3),129(3)
149		114	SLV:ok	0.19	0.0	3818.87	0.0	0.02	0.0	3818.87	0.0	1296.0	1296.0	129(3),129(3)
160	164	159	SLV:ok	0.20	-1454.33	8522.09	8201.85	0.07	-1454.33	8522.09	8201.85	1296.0	1296.0	129(3),129(3)
161	10	161	SLV:ok	0.08	-438.56	4653.61	9300.87	0.06	-438.56	4653.61	9300.87	1296.0	1296.0	129(3),129(3)
162	163	46	SLV:ok	0.51	2067.67	-1.549e+04	6652.62	0.10	2067.67	-1.549e+04	6652.62	1296.0	1296.0	123(2),123(2)
163		81	SLV:ok	0.33	0.0	-6734.51	0.0	0.04	0.0	-6734.51	0.0	1296.0	1296.0	134(3),134(3)
164		163	SLV:ok	0.25	0.0	5135.54	0.0	0.03	0.0	5135.54	0.0	1296.0	1296.0	129(3),129(3)
168	169	47	SLV:ok	0.21	-928.41	8571.78	9269.76	0.08	-928.41	8571.78	9269.76	1296.0	1296.0	122(2),122(2)
169		82	SLV:ok	0.23	0.0	-4744.33	0.0	0.03	0.0	-4744.33	0.0	1296.0	1296.0	132(3),132(3)
175	176	158	SLV:ok	0.02	-260.00	1768.02	6850.02	0.06	-260.00	1768.02	6850.02	896.0	672.0	122(2),122(2)
176		160	SLV:ok	0.07	0.0	992.08	0.0	8.00e-03	0.0	992.08	0.0	896.0	672.0	122(2),122(2)
177	178	49	SLV:ok	0.94	-1320.30	1.528e+04	1330.07	0.12	-1339.18	1.535e+04	1574.61	896.0	672.0	125(2),122(2)
178		84	SLV:ok	0.36	0.0	5046.23	0.0	0.04	0.0	5046.23	0.0	896.0	672.0	125(2),125(2)
187	188	58	SLV:ok	0.27	-571.21	7906.15	4011.50	0.05	-571.21	7906.15	4011.50	1296.0	1296.0	125(2),125(2)
188		92	SLV:ok	0.21	0.0	4298.17	0.0	0.02	0.0	4298.17	0.0	1296.0	1296.0	122(2),122(2)

Pilas.I	ver. (+)	ver. (-)
	2.18e-03	9.60e-04
	1.00	0.42

Trave	ro I acc.	ro J acc.	ver. f. acc.	Rif. cmb	Trave	ro I acc.	ro J acc.	ver. f. acc.	Rif. cmb
1	0.0	0.0	0.0	0,0,0	2	0.07	0.15	0.26	118,128,144
3	1.87e-03	0.18	0.17	133,125,121	4	0.07	0.06	0.21	117,128,144
7	0.04	0.20	0.08	125,128,135	8	0.04	0.04	0.33	132,129,115
9	0.03	0.12	0.27	114,135,131	11	0.09	0.04	0.27	121,122,136
12	0.08	0.05	0.06	122,123,122	13	0.04	0.01	0.21	143,135,128
14	0.03	0.07	0.19	142,127,144	15	0.10	0.02	0.21	142,137,138
16	0.02	0.09	0.19	120,140,144	17	0.12	7.46e-03	0.22	138,122,118
18	0.16	0.10	0.38	137,118,118	19	0.01	0.18	0.25	119,140,138
20	0.21	0.04	0.32	140,119,120	21	0.14	0.29	0.12	125,128,135
22	0.16	0.15	0.24	116,120,113	23	0.15	0.08	0.25	120,129,116
24	0.10	0.03	0.32	129,114,131	25	0.10	0.08	0.21	116,116,117
26	0.09	0.11	0.22	116,119,131	27	0.14	0.04	0.34	116,113,115
28	0.04	0.01	0.23	135,133,136	29	0.13	0.05	0.25	136,129,136
30	0.09	0.13	0.23	132,123,135	31	2.84e-03	0.08	0.23	135,131,131
32	0.06	0.06	0.25	122,125,132	33	0.18	0.06	0.29	128,122,144
34	9.39e-03	0.13	0.24	128,133,144	35	0.13	4.46e-03	0.25	135,133,124
36	0.04	0.16	0.25	125,118,113	37	0.03	0.18	0.19	122,118,113
38	0.03	0.28	0.34	120,113,113	39	0.25	0.11	0.36	113,117,117
40	0.03	0.03	0.23	123,144,113	41	0.02	0.06	0.15	120,123,120
53	0.05	0.03	0.36	128,122,142	54	0.06	0.09	0.17	128,125,126
55	0.09	0.01	0.16	125,143,126	56	0.03	0.07	0.10	132,140,114
57	0.03	0.01	0.01	140,140,138	58	0.03	0.09	0.05	137,136,138
59	0.06	0.05	0.06	137,120,121	60	0.05	4.02e-03	0.05	120,144,119
61	0.18	0.27	0.14	113,116,132	62	0.24	0.36	0.15	113,116,139
63	0.38	0.34	0.23	113,116,113	64	0.05	0.08	0.18	116,115,116
65	0.08	0.03	0.16	113,116,113	66	0.04	0.19	0.21	128,128,128
67	0.18	0.03	0.19	122,128,122	68	0.05	0.17	0.20	135,134,134
69	0.26	0.22	0.08	129,132,135	70	0.20	0.25	0.11	129,132,134
71	0.29	0.10	0.11	129,132,135	72	0.29	0.10	0.14	126,123,133
73	0.16	0.22	0.18	139,140,140	74	0.06	0.16	0.30	129,139,139
79	0.08	0.30	0.21	135,134,134	80	0.25	0.21	0.08	129,132,131
81	0.22	0.23	0.11	129,132,135	82	0.27	0.10	0.14	129,132,129
83	0.09	0.04	0.17	129,132,129	84	0.08	0.07	0.16	129,132,129
85	0.08	0.07	0.16	129,132,129	86	0.03	0.10	0.18	135,134,134
91	0.38	0.37	0.13	113,116,113	92	0.24	0.32	0.14	113,116,139
93	0.27	0.24	0.12	113,116,131	94	0.07	0.34	0.11	113,116,120
97	0.24	0.18	0.16	114,116,117	98	0.12	0.21	0.10	113,116,116
99	0.25	0.10	0.08	113,119,130	100	0.05	0.29	0.12	113,116,113
101	0.31	0.25	0.30	113,120,113	104	0.20	0.19	0.24	117,120,117
105	0.30	0.24	0.30	125,128,125	106	0.20	0.19	0.24	125,128,125
109	0.26	0.13	0.13	122,123,133	110	0.17	0.29	0.12	125,128,135
113	0.17	0.06	0.08	126,123,133	129	0.14	0.26	0.45	115,114,117
130	0.27	0.18	0.31	130,114,115	131	0.18	0.05	0.35	130,116,120
132	0.20	0.17	0.36	113,116,113	133	0.27	0.20	0.37	113,116,113
134	0.39	0.42	0.52	118,119,119	135	0.08	0.25	0.28	116,116,116
136	0.20	0.16	0.36	113,116,113	137	0.26	0.19	0.36	113,120,117
138	0.41	0.41	0.51	114,119,119	139	0.04	0.24	0.34	113,116,116
140	0.10	0.07	0.14	113,116,113	141	0.12	0.09	0.14	117,115,117
142	0.19	0.18	0.19	114,115,115	143	0.02	0.11	0.13	113,116,116
150	0.17	0.30	0.32	129,132,132	151	0.26	0.14	0.39	129,132,129
152	0.19	0.28	0.32	129,132,132	153	0.22	0.25	0.37	129,132,132
154	0.04	0.08	0.06	129,132,132	155	0.06	0.15	0.16	129,132,132
156	0.27	0.15	0.39	129,132,129	157	0.20	0.21	0.36	129,132,132
158	0.22	0.17	0.38	129,132,129	159	0.29	0.16	0.33	122,123,122
165	0.12	0.13	0.27	135,134,134	166	0.13	0.13	0.28	134,133,136
167	0.13	0.02	0.33	133,127,136	170	0.18	0.03	0.17	133,136,133
171	0.08	0.09	0.14	129,136,132	172	0.09	0.09	0.14	135,134,134
173	0.16	0.08	0.18	135,126,124	174	3.48e-03	0.16	0.19	128,135,128
179	0.16	0.22	0.32	122,123,123	180	0.16	0.15	0.31	122,128,122
181	0.06	0.07	0.10	134,123,123	182	0.07	0.06	0.10	125,128,125
183	0.03	0.03	0.05	132,132,116	184	0.02	0.01	0.06	137,137,115
185	0.04	0.03	0.06	122,142,142	186	0.06	0.04	0.06	143,122,137
189	0.04	0.03	0.23	116,132,116	190	0.28	0.18	0.06	118,116,117
191	0.18	0.12	0.06	116,117,116	192	0.12	0.03	0.14	118,118,125
193	0.07	0.27	0.16	122,123,123	194	0.28	0.06	0.17	134,122,127
195	0.47	0.44	0.37	122,134,125					

Trave	ro I acc.	ver. f. acc.
	0.0	
	0.47	0.52

Trave	SL cod	ver. (d)	ver. (f)	rot. c	Theta Y	Theta U	curv. Y /cm	curv. U /cm	Lv cm	V2 daN	ro V I	ro V J	Rif. cmb

2	SLV:ok	1.09e-03	0.36	-1.129e-05	4.199e-03	1.039e-02	1.838e-05	3.048e-04	185.9	2.384e+04	0.0	0.0	125,144
		1.23e-03		-1.137e-05	4.604e-03	9.274e-03	1.943e-05	3.079e-04	124.8				128
	SLD:ok	2.67e-03		-1.120e-05	4.201e-03		1.838e-05		185.1				157
		2.43e-03		-1.122e-05	4.614e-03		1.943e-05		123.9				160
3	SLV:ok	0.0	0.23	0.0	2.269e-01	1.702e-01	1.980e-05	3.089e-04	1.2	-1.550e+04	0.0	0.0	133,121
		3.78e-03		4.682e-05	4.351e-03	1.240e-02	1.851e-05	3.047e-04	298.9				125
	SLD:ok	0.0		0.0	2.391e-01		1.980e-05		1.1				165
		0.01		4.653e-05	4.351e-03		1.851e-05		298.9				157
4	SLV:ok	1.72e-03	0.28	-2.050e-05	4.264e-03	1.192e-02	1.844e-05	3.052e-04	270.6	1.906e+04	0.0	0.0	125,144
		2.98e-04		-2.242e-06	6.704e-03	7.529e-03	1.951e-05	3.084e-04	57.9				128
	SLD:ok	4.73e-03		-2.017e-05	4.261e-03		1.844e-05		269.1				157
		3.13e-04		-2.133e-06	6.814e-03		1.951e-05		56.4				160
7	SLV:ok	6.88e-03	0.15	1.710e-04	7.049e-03	2.484e-02	4.346e-05	7.059e-04	322.1	-6377.3	0.0	0.0	128,135
		5.41e-03		8.033e-05	4.706e-03	1.485e-02	4.346e-05	7.059e-04	100.4				128
	SLD:ok	0.02		1.641e-04	7.053e-03		4.346e-05		322.4				160
		0.02		7.896e-05	4.705e-03		4.346e-05		100.1				160
8	SLV:ok	3.07e-05	0.45	0.0	1.562e-02	1.171e-02	1.946e-05	3.081e-04	19.7	-3.045e+04	0.0	0.0	132,115
		5.60e-05		0.0	1.337e-02	1.003e-02	1.948e-05	3.082e-04	23.5				129
	SLD:ok	2.01e-05		0.0	1.629e-02		1.946e-05		18.8				164
		3.93e-05		0.0	1.359e-02		1.948e-05		23.1				161
9	SLV:ok	5.03e-05	0.37	0.0	1.177e-02	8.829e-03	1.947e-05	3.082e-04	27.3	2.459e+04	0.0	0.0	114,131
		7.63e-04		-6.506e-06	5.185e-03	8.526e-03	1.950e-05	3.083e-04	91.6				135
	SLD:ok	3.58e-05		0.0	1.194e-02		1.947e-05		26.9				146
		1.20e-03		-6.282e-06	5.224e-03		1.949e-05		90.1				167
11	SLV:ok	4.10e-04	0.37	2.954e-06	7.419e-03	7.212e-03	1.930e-05	3.094e-04	49.7	3.707e+04	0.0	0.0	121,136
		3.13e-05		0.0	1.626e-02	1.220e-02	1.930e-05	3.094e-04	18.8				122
	SLD:ok	3.89e-04		2.903e-06	7.464e-03		1.930e-05		49.3				153
		2.21e-05		0.0	1.656e-02		1.930e-05		18.4				154
12	SLV:ok	4.44e-03	0.08	-1.099e-04	6.703e-03	2.474e-02	6.118e-05	9.419e-04	192.6	1802.4	0.0	0.0	122,122
		2.15e-03		4.607e-05	5.750e-03	2.138e-02	6.103e-05	9.496e-04	135.9				123
	SLD:ok	0.02		-1.074e-04	6.680e-03		6.116e-05		191.3				154
		7.59e-03		4.317e-05	5.686e-03		6.105e-05		131.6				155
13	SLV:ok	2.66e-03	0.29	-3.744e-05	4.714e-03	1.409e-02	1.841e-05	3.050e-04	396.9	1.923e+04	0.0	0.0	124,128
		4.86e-06		0.0	2.385e-02	1.789e-02	1.946e-05	3.081e-04	12.3				135
	SLD:ok	7.90e-03		-3.725e-05	4.715e-03		1.841e-05		396.9				156
		3.14e-06		0.0	2.501e-02		1.946e-05		11.7				167
14	SLV:ok	7.19e-05	0.26	0.0	1.077e-02	8.078e-03	1.952e-05	3.084e-04	30.5	-1.736e+04	0.0	0.0	142,144
		1.73e-03		2.026e-05	4.240e-03	1.173e-02	1.844e-05	3.052e-04	259.9				127
	SLD:ok	5.04e-05		0.0	1.097e-02		1.952e-05		29.8				174
		4.74e-03		2.009e-05	4.240e-03		1.844e-05		259.5				159
15	SLV:ok	7.21e-04	0.29	6.385e-06	4.897e-03	8.856e-03	1.957e-05	3.088e-04	104.9	-1.912e+04	0.0	0.0	142,138
		2.35e-05		0.0	1.328e-02	9.959e-03	1.848e-05	3.054e-04	23.7				137
	SLD:ok	1.28e-03		6.285e-06	4.913e-03		1.957e-05		104.0				174
		1.57e-05		0.0	1.372e-02		1.848e-05		22.8				169
16	SLV:ok	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	1.724e+04	0.0	0.0	0,144
		5.91e-04		-4.856e-06	5.563e-03	8.220e-03	1.958e-05	3.089e-04	79.5				140
	SLD:ok	0.0		0.0	0.0		0.0		0.0				0
		8.71e-04		-4.844e-06	5.563e-03		1.958e-05		79.5				172
17	SLV:ok	9.02e-04	0.31	8.265e-06	4.685e-03	9.161e-03	1.956e-05	3.087e-04	118.6	-2.046e+04	0.0	0.0	138,118
		5.24e-04		5.747e-06	4.187e-03	1.098e-02	1.847e-05	3.054e-04	217.3				139
	SLD:ok	1.73e-03		8.107e-06	4.699e-03		1.956e-05		117.6				170
		1.36e-03		5.676e-06	4.187e-03		1.847e-05		216.1				171
18	SLV:ok	1.28e-03	0.52	-1.103e-05	4.970e-03	8.625e-03	1.845e-05	3.052e-04	98.5	3.478e+04	0.0	0.0	127,118
		4.37e-04		-3.103e-06	7.656e-03	7.106e-03	1.951e-05	3.084e-04	47.6				118
	SLD:ok	2.21e-03		-1.099e-05	4.977e-03		1.845e-05		98.2				159
		3.97e-04		-3.056e-06	7.690e-03		1.951e-05		47.3				150
19	SLV:ok	0.0	0.34	0.0	4.442e-01	3.331e-01	1.954e-05	3.086e-04	0.6	-2.275e+04	0.0	0.0	118,138
		3.30e-03		3.856e-05	4.237e-03	1.168e-02	1.847e-05	3.054e-04	256.7				140
	SLD:ok	0.0		0.0	0.0		0.0		0.0				0
		9.02e-03		3.823e-05	4.237e-03		1.847e-05		256.7				172
20	SLV:ok	1.91e-03	0.44	1.874e-05	4.401e-03	9.834e-03	1.955e-05	3.087e-04	151.1	-2.968e+04	0.0	0.0	140,120
		1.89e-04		1.376e-06	7.120e-03	7.275e-03	1.847e-05	3.053e-04	52.5				119
	SLD:ok	4.18e-03		1.841e-05	4.405e-03		1.955e-05		150.5				172
		1.81e-04		1.301e-06	7.197e-03		1.847e-05		51.6				151
21	SLV:ok	3.58e-03	0.22	-4.940e-05	4.961e-03	1.379e-02	5.257e-05	8.516e-04	60.9	-7758.7	0.0	0.0	125,135
		8.99e-03		1.569e-04	4.985e-03	1.746e-02	5.253e-05	8.516e-04	103.9				128
	SLD:ok	9.56e-03		-4.760e-05	4.977e-03		5.256e-05		59.6				157
		0.03		1.554e-04	4.983e-03		5.254e-05		103.7				160
22	SLV:ok	1.60e-03	0.33	2.348e-05	4.996e-03	1.470e-02	1.946e-05	3.081e-04	422.5	2.224e+04	0.0	0.0	116,113
		1.36e-03		-1.464e-05	4.270e-03	1.080e-02	1.946e-05	3.081e-04	202.2				128
	SLD:ok	3.60e-03		1.537e-05	4.270e-03		1.946e-05		202.9				148
		3.40e-03		-1.453e-05	4.271e-03		1.946e-05		200.2				152
23	SLV:ok	1.30e-03	0.35	1.253e-05	4.449e-03	9.644e-03	1.946e-05	3.081e-04	142.4	-2.323e+04	0.0	0.0	120,116
		5.40e-04		-4.629e-06	5.134e-03	8.569e-03	1.945e-05	3.081e-04	93.5				129
	SLD:ok	2.70e-03		1.204e-05	4.468e-03		1.946e-05		139.9				152
		8.63e-04		-4.460e-06	5.170e-03		1.945e-05		92.1				161
24	SLV:ok	4.99e-04	0.44	3.792e-06	6.561e-03	7.595e-03	1.946e-05	3.081e-04	59.8	-2.922e+04	0.0	0.0	129,131

	1.46e-05		0.0	1.874e-02	1.405e-02	1.946e-05	3.081e-04	16.0					114
	SLD:ok 5.57e-04		3.688e-06	6.615e-03		1.946e-05		59.0					161
	9.53e-06		0.0	1.957e-02		1.946e-05		15.3					146
25	SLV:ok 6.95e-04	0.30	6.081e-06	4.968e-03	8.747e-03	1.946e-05	3.081e-04	100.9	-1.984e+04	0.0		0.0	116,117
	5.07e-04		-4.254e-06	5.333e-03	8.386e-03	1.946e-05	3.081e-04	86.2					116
	SLD:ok 1.19e-03		5.958e-06	4.993e-03		1.946e-05		99.7					148
	7.70e-04		-4.138e-06	5.377e-03		1.946e-05		84.8					148
26	SLV:ok 5.76e-04	0.30	4.945e-06	5.116e-03	8.592e-03	1.948e-05	3.083e-04	94.3	1.992e+04	0.0		0.0	116,131
	7.69e-04		-6.857e-06	4.833e-03	8.920e-03	1.948e-05	3.082e-04	108.3					119
	SLD:ok 9.25e-04		4.774e-06	5.159e-03		1.948e-05		92.6					148
	1.39e-03		-6.745e-06	4.853e-03		1.948e-05		107.1					151
27	SLV:ok 8.07e-04	0.47	6.545e-06	5.693e-03	8.114e-03	1.950e-05	3.083e-04	76.1	-3.159e+04	0.0		0.0	116,115
	3.94e-05		0.0	1.410e-02	1.057e-02	1.949e-05	3.083e-04	22.1					113
	SLD:ok 1.13e-03		6.457e-06	5.708e-03		1.950e-05		75.7					148
	2.63e-05		0.0	1.459e-02		1.949e-05		21.3					145
28	SLV:ok 1.12e-04	0.32	0.0	1.003e-02	7.522e-03	1.947e-05	3.082e-04	33.3	-2.119e+04	0.0		0.0	129,136
	2.30e-03		3.192e-05	4.658e-03	1.387e-02	1.841e-05	3.050e-04	383.7					132
	SLD:ok 7.62e-05		0.0	1.034e-02		1.947e-05		32.0					161
	6.67e-03		3.106e-05	4.654e-03		1.841e-05		382.7					164
29	SLV:ok 9.25e-04	0.34	8.272e-06	4.817e-03	8.940e-03	1.947e-05	3.082e-04	109.2	-2.277e+04	0.0		0.0	136,136
	2.18e-04		-1.593e-06	7.133e-03	7.325e-03	1.947e-05	3.082e-04	52.7					129
	SLD:ok 1.66e-03		8.030e-06	4.838e-03		1.947e-05		108.0					168
	1.98e-04		-1.456e-06	7.355e-03		1.947e-05		50.4					161
30	SLV:ok 5.94e-04	0.31	5.243e-06	4.903e-03	8.827e-03	1.947e-05	3.082e-04	104.3	2.094e+04	0.0		0.0	132,135
	1.02e-03		-9.618e-06	4.531e-03	9.436e-03	1.947e-05	3.082e-04	132.2					124
	SLD:ok 1.00e-03		4.977e-06	4.965e-03		1.947e-05		101.1					164
	2.09e-03		-9.500e-06	4.541e-03		1.947e-05		131.2					156
31	SLV:ok 1.43e-03	0.31	-1.860e-05	4.462e-03	1.303e-02	1.841e-05	3.050e-04	334.8	2.098e+04	0.0		0.0	131,131
	3.96e-04		-3.081e-06	6.213e-03	7.784e-03	1.947e-05	3.082e-04	65.3					131
	SLD:ok 4.15e-03		-1.854e-05	4.465e-03		1.841e-05		335.7					171
	4.83e-04		-3.016e-06	6.246e-03		1.947e-05		64.7					163
32	SLV:ok 2.86e-03	0.34	-3.938e-05	4.632e-03	1.377e-02	1.841e-05	3.050e-04	377.6	2.296e+04	0.0		0.0	126,132
	2.36e-04		-1.637e-06	8.041e-03	6.950e-03	1.947e-05	3.082e-04	44.4					125
	SLD:ok 8.48e-03		-3.927e-05	4.633e-03		1.841e-05		377.7					158
	2.02e-04		-1.629e-06	8.058e-03		1.947e-05		44.3					157
33	SLV:ok 1.53e-03	0.40	1.440e-05	4.538e-03	9.422e-03	1.948e-05	3.082e-04	131.5	-2.651e+04	0.0		0.0	128,144
	1.93e-03		2.393e-05	4.344e-03	1.243e-02	1.841e-05	3.050e-04	300.2					125
	SLD:ok 3.11e-03		1.413e-05	4.549e-03		1.947e-05		130.4					160
	5.47e-03		2.373e-05	4.340e-03		1.841e-05		299.0					157
34	SLV:ok 2.79e-06	0.33	0.0	2.530e-02	1.897e-02	1.947e-05	3.082e-04	11.6	2.234e+04	0.0		0.0	128,144
	9.82e-04		-8.883e-06	4.747e-03	9.042e-03	1.947e-05	3.082e-04	113.8					141
	SLD:ok 1.55e-06		0.0	2.778e-02		1.947e-05		10.5					160
	1.85e-03		-8.816e-06	4.754e-03		1.947e-05		113.3					173
35	SLV:ok 9.33e-04	0.35	8.249e-06	4.889e-03	8.846e-03	1.947e-05	3.082e-04	105.1	-2.353e+04	0.0		0.0	135,124
	0.0		0.0	5.843e-02	4.382e-02	1.947e-05	3.082e-04	4.8					133
	SLD:ok 1.67e-03		8.185e-06	4.897e-03		1.947e-05		104.6					167
	0.0		0.0	6.192e-02		1.947e-05		4.5					165
36	SLV:ok 3.35e-05	0.35	0.0	1.509e-02	1.132e-02	1.965e-05	3.080e-04	20.5	2.349e+04	0.0		0.0	125,113
	7.80e-04		-6.211e-06	5.914e-03	7.965e-03	1.966e-05	3.080e-04	71.2					118
	SLD:ok 2.48e-05		0.0	1.513e-02		1.965e-05		20.4					157
	1.03e-03		-6.123e-06	5.927e-03		1.966e-05		70.9					150
37	SLV:ok 3.65e-04	0.26	-3.342e-06	4.561e-03	9.160e-03	1.845e-05	3.044e-04	123.6	1.765e+04	0.0		0.0	125,113
	1.44e-03		-1.390e-05	4.465e-03	9.654e-03	1.972e-05	3.084e-04	142.5					138
	SLD:ok 7.24e-04		-3.307e-06	4.567e-03		1.845e-05		123.1					157
	3.10e-03		-1.384e-05	4.463e-03		1.971e-05		142.8					176
38	SLV:ok 1.69e-05	0.47	0.0	1.998e-02	1.499e-02	1.947e-05	3.082e-04	14.9	-3.185e+04	0.0		0.0	120,113
	3.66e-03		3.845e-05	4.193e-03	1.050e-02	1.842e-05	3.050e-04	191.8					113
	SLD:ok 1.05e-05		0.0	2.098e-02		1.947e-05		14.2					152
	9.09e-03		3.813e-05	4.194e-03		1.841e-05		191.0					145
39	SLV:ok 3.76e-03	0.49	-4.130e-05	4.183e-03	1.098e-02	1.842e-05	3.050e-04	218.2	3.287e+04	0.0		0.0	121,117
	5.31e-04		-3.964e-06	6.817e-03	7.471e-03	1.948e-05	3.082e-04	56.4					117
	SLD:ok 9.88e-03		-4.132e-05	4.183e-03		1.841e-05		219.8					165
	5.60e-04		-3.851e-06	6.870e-03		1.948e-05		55.7					149
40	SLV:ok 3.16e-03	0.32	-4.736e-05	4.961e-03	1.500e-02	1.843e-05	3.051e-04	449.4	2.156e+04	0.0		0.0	143,113
	3.06e-05		0.0	1.397e-02	1.048e-02	1.950e-05	3.084e-04	22.3					144
	SLD:ok 9.53e-03		-4.727e-05	4.960e-03		1.843e-05		449.3					175
	2.24e-05		0.0	1.407e-02		1.950e-05		22.2					176
41	SLV:ok 4.91e-05	0.21	0.0	1.143e-02	8.570e-03	1.947e-05	3.081e-04	28.3	-1.420e+04	0.0		0.0	140,120
	8.57e-04		8.690e-06	4.232e-03	1.014e-02	1.841e-05	3.050e-04	172.7					123
	SLD:ok 3.60e-05		0.0	1.149e-02		1.947e-05		28.1					172
	2.04e-03		8.644e-06	4.232e-03		1.841e-05		172.7					155
53	SLV:ok 6.48e-05	0.50	0.0	1.229e-02	9.220e-03	1.939e-05	3.077e-04	26.0	3.347e+04	0.0		0.0	123,142
	2.03e-05		0.0	1.812e-02	1.359e-02	1.940e-05	3.077e-04	16.6					122
	SLD:ok 4.47e-05		0.0	1.264e-02		1.939e-05		25.1					155
	1.46e-05		0.0	1.833e-02		1.940e-05		16.4					154
54	SLV:ok 1.26e-03	0.23	-1.396e-05	4.189e-03	1.110e-02	1.843e-05	3.043e-04	226.2	1.559e+04	0.0		0.0	144,126
	4.13e-04		-3.216e-06	6.233e-03	7.777e-03	1.968e-05	3.081e-04	65.1					141

	SLD:ok	3.31e-03		-1.387e-05	4.189e-03		1.843e-05		226.4					170
		5.13e-04		-3.193e-06	6.219e-03		1.968e-05		65.3					171
55	SLV:ok	4.34e-04	0.22	3.452e-06	5.915e-03	7.961e-03	1.963e-05	3.078e-04	71.1	-1.485e+04	0.0	0.0		139,126
		6.29e-06		0.0	2.034e-02	1.525e-02	1.963e-05	3.079e-04	14.7					127
	SLD:ok	5.77e-04		3.423e-06	5.937e-03		1.963e-05		70.7					171
		4.55e-06		0.0	2.063e-02		1.964e-05		14.4					159
56	SLV:ok	9.74e-04	0.18	1.688e-05	4.971e-03	1.732e-02	5.726e-05	9.440e-04	83.9	-1298.8	0.0	0.0		132,114
		2.23e-03		5.312e-05	6.133e-03	2.381e-02	5.714e-05	9.434e-04	177.3					131
	SLD:ok	2.99e-03		1.478e-05	4.953e-03		5.724e-05		79.9					164
		8.60e-03		5.120e-05	5.953e-03		5.715e-05		165.8					163
57	SLV:ok	8.02e-04	0.02	-1.407e-05	4.988e-03	1.756e-02	5.730e-05	9.442e-04	86.5	910.7	0.0	0.0		140,138
		5.27e-04		-9.982e-06	5.127e-03	1.894e-02	5.730e-05	9.442e-04	103.5					140
	SLD:ok	2.78e-03		-1.390e-05	4.997e-03		5.730e-05		88.0					172
		1.76e-03		-8.991e-06	5.112e-03		5.730e-05		102.0					172
58	SLV:ok	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	-1260.3	0.0	0.0		0,138
		3.23e-03		8.054e-05	6.449e-03	2.496e-02	5.715e-05	9.435e-04	196.7					130
	SLD:ok	0.0		0.0	0.0		0.0		0.0					0
		0.01		8.024e-05	6.452e-03		5.719e-05		196.7					162
59	SLV:ok	1.77e-03	0.11	-2.838e-05	4.948e-03	1.606e-02	5.755e-05	9.455e-04	70.7	1872.3	0.0	0.0		137,121
		1.63e-03		-2.713e-05	4.952e-03	1.667e-02	5.748e-05	9.451e-04	76.7					120
	SLD:ok	5.52e-03		-2.730e-05	4.948e-03		5.754e-05		69.4					169
		5.36e-03		-2.652e-05	4.950e-03		5.749e-05		75.6					152
60	SLV:ok	1.89e-03	0.09	3.808e-05	5.338e-03	2.020e-02	5.776e-05	9.465e-04	120.0	-1019.9	0.0	0.0		120,119
		0.0		0.0	0.0	0.0	0.0	0.0	0.0					0
	SLD:ok	7.00e-03		3.734e-05	5.338e-03		5.774e-05		120.0					152
		0.0		0.0	0.0		0.0		0.0					0
61	SLV:ok	4.80e-03	0.25	-7.590e-05	4.878e-03	1.582e-02	5.256e-05	8.516e-04	82.2	-8281.5	0.0	0.0		113,132
		7.79e-03		1.276e-04	4.895e-03	1.638e-02	5.249e-05	8.514e-04	89.2					116
	SLD:ok	0.01		-6.904e-05	4.875e-03		5.256e-05		78.1					145
		0.03		1.240e-04	4.893e-03		5.250e-05		88.5					148
62	SLV:ok	6.61e-03	0.26	-1.070e-04	4.888e-03	1.619e-02	5.252e-05	8.515e-04	86.8	-8894.4	0.0	0.0		113,139
		0.01		2.118e-04	5.101e-03	1.835e-02	5.250e-05	8.515e-04	117.4					116
	SLD:ok	0.02		-1.047e-04	4.885e-03		5.252e-05		85.8					145
		0.04		2.085e-04	5.094e-03		5.250e-05		116.7					148
63	SLV:ok	0.01	0.32	-2.452e-04	5.193e-03	1.892e-02	5.251e-05	8.515e-04	126.4	8188.8	0.0	0.0		113,113
		0.01		2.108e-04	5.122e-03	1.850e-02	5.250e-05	8.515e-04	119.6					116
	SLD:ok	0.05		-2.401e-04	5.183e-03		5.251e-05		125.4					149
		0.04		2.014e-04	5.095e-03		5.250e-05		116.8					148
64	SLV:ok	8.20e-03	0.24	1.693e-04	6.231e-03	2.065e-02	3.282e-05	5.268e-04	361.1	-9789.8	0.0	0.0		116,116
		2.02e-03		1.995e-05	5.219e-03	9.852e-03	3.282e-05	5.268e-04	60.6					116
	SLD:ok	0.03		1.563e-04	6.212e-03		3.277e-05		360.0					148
		3.82e-03		1.969e-05	5.157e-03		3.274e-05		62.4					155
65	SLV:ok	1.90e-03	0.23	-1.951e-05	5.002e-03	1.026e-02	3.223e-05	5.248e-04	67.1	9044.9	0.0	0.0		113,113
		7.24e-04		4.341e-06	7.999e-03	6.000e-03	3.239e-05	5.253e-04	28.2					123
	SLD:ok	3.90e-03		-1.937e-05	4.969e-03		3.229e-05		68.5					161
		5.12e-04		4.199e-06	8.207e-03		3.238e-05		27.2					148
66	SLV:ok	5.37e-03	0.28	9.776e-05	5.461e-03	1.821e-02	3.250e-05	5.257e-04	282.4	-1.137e+04	0.0	0.0		128,128
		6.47e-03		8.753e-05	4.514e-03	1.353e-02	3.250e-05	5.257e-04	139.3					128
	SLD:ok	0.02		9.202e-05	5.452e-03		3.250e-05		281.3					160
		0.02		8.726e-05	4.517e-03		3.250e-05		140.4					160
67	SLV:ok	6.13e-03	0.26	-8.790e-05	4.592e-03	1.434e-02	3.247e-05	5.256e-04	162.1	1.046e+04	0.0	0.0		116,122
		1.22e-03		8.484e-06	7.169e-03	6.964e-03	3.249e-05	5.257e-04	33.2					132
	SLD:ok	0.02		-8.750e-05	4.587e-03		3.248e-05		160.9					160
		1.57e-03		9.708e-06	6.188e-03		3.248e-05		42.3					160
68	SLV:ok	6.54e-03	0.28	1.796e-04	7.795e-03	2.749e-02	5.591e-05	8.590e-04	280.5	-7097.5	0.0	0.0		134,134
		8.62e-03		1.609e-04	5.312e-03	1.867e-02	5.591e-05	8.590e-04	119.6					134
	SLD:ok	0.02		1.711e-04	7.851e-03		5.590e-05		283.7					166
		0.03		1.498e-04	5.276e-03		5.590e-05		116.4					166
69	SLV:ok	7.42e-03	0.15	-1.371e-04	5.090e-03	1.847e-02	5.174e-05	8.476e-04	120.6	6368.1	0.0	0.0		129,135
		5.94e-03		1.050e-04	4.978e-03	1.768e-02	5.173e-05	8.475e-04	108.4					132
	SLD:ok	0.02		-1.239e-04	5.047e-03		5.174e-05		116.2					161
		0.02		9.308e-05	4.937e-03		5.173e-05		103.0					164
70	SLV:ok	5.27e-03	0.21	-9.407e-05	5.000e-03	1.786e-02	5.171e-05	8.475e-04	111.1	-6246.9	0.0	0.0		129,134
		7.01e-03		1.284e-04	5.065e-03	1.832e-02	5.172e-05	8.475e-04	118.2					132
	SLD:ok	0.02		-8.505e-05	4.953e-03		5.171e-05		105.3					161
		0.02		1.240e-04	5.057e-03		5.172e-05		117.4					164
71	SLV:ok	8.30e-03	0.20	-1.485e-04	5.002e-03	1.788e-02	5.168e-05	8.474e-04	111.5	7244.1	0.0	0.0		129,135
		8.62e-03		-2.392e-04	7.564e-03	2.775e-02	5.168e-05	8.474e-04	295.0					129
	SLD:ok	0.03		-1.438e-04	4.999e-03		5.169e-05		111.1					161
		0.03		-2.180e-04	7.572e-03		5.169e-05		295.4					161
72	SLV:ok	9.10e-03	0.25	-1.573e-04	4.968e-03	1.728e-02	5.256e-05	8.516e-04	101.4	7997.7	0.0	0.0		126,133
		2.44e-03		2.731e-05	5.396e-03	1.121e-02	5.256e-05	8.516e-04	42.6					123
	SLD:ok	0.03		-1.561e-04	4.966e-03		5.256e-05		101.2					158
		4.81e-03		2.617e-05	5.445e-03		5.256e-05		41.5					155
73	SLV:ok	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	1.651e+04	0.0	0.0		0,140
		2.99e-03		-3.154e-05	4.276e-03	1.056e-02	1.944e-05	3.080e-04	190.0					120
	SLD:ok	0.0		0.0	0.0		0.0		0.0					0

		7.30e-03		-3.122e-05	4.276e-03		1.944e-05		190.0					152
74	SLV:ok	5.09e-04	0.42	-4.367e-06	5.012e-03	8.575e-03	1.841e-05	3.050e-04	96.5	2.788e+04	0.0	0.0	129,139	
		1.14e-03		-1.016e-05	4.816e-03	8.941e-03	1.947e-05	3.082e-04	109.3					139
	SLD:ok	8.57e-04		-4.260e-06	4.972e-03		1.841e-05		98.3					145
		2.08e-03		-9.947e-06	4.789e-03		1.946e-05		110.9					151
79	SLV:ok	1.67e-03	0.29	-1.851e-05	5.389e-03	1.108e-02	5.165e-05	8.473e-04	42.1	-7249.5	0.0	0.0	135,134	
		8.69e-03		1.591e-04	5.065e-03	1.832e-02	5.173e-05	8.475e-04	118.2					134
	SLD:ok	2.91e-03		-1.623e-05	5.580e-03		5.166e-05		38.3					167
		0.03		1.513e-04	5.044e-03		5.172e-05		115.9					166
80	SLV:ok	7.01e-03	0.15	-1.274e-04	5.042e-03	1.817e-02	5.169e-05	8.474e-04	115.9	6438.2	0.0	0.0	129,131	
		5.58e-03		9.674e-05	4.942e-03	1.735e-02	5.173e-05	8.475e-04	103.6					132
	SLD:ok	0.02		-1.182e-04	5.012e-03		5.170e-05		112.6					161
		0.02		8.812e-05	4.914e-03		5.173e-05		99.7					164
81	SLV:ok	5.93e-03	0.20	-1.063e-04	5.008e-03	1.792e-02	5.168e-05	8.474e-04	112.1	5964.0	0.0	0.0	129,135	
		6.05e-03		1.066e-04	4.970e-03	1.763e-02	5.166e-05	8.473e-04	107.7					132
	SLD:ok	0.02		-9.827e-05	4.973e-03		5.168e-05		108.0					161
		0.02		1.024e-04	4.959e-03		5.166e-05		106.4					164
82	SLV:ok	7.53e-03	0.25	-1.314e-04	4.946e-03	1.745e-02	5.160e-05	8.471e-04	105.1	7220.4	0.0	0.0	129,129	
		7.50e-03		-2.106e-04	7.659e-03	2.806e-02	5.160e-05	8.471e-04	301.5					129
	SLD:ok	0.03		-1.278e-04	4.942e-03		5.161e-05		104.6					161
		4.23e-03		2.210e-05	5.220e-03		5.164e-05		46.7					164
83	SLV:ok	0.01	0.24	-2.021e-04	6.465e-03	1.648e-02	8.930e-05	8.375e-04	99.7	4255.7	0.0	0.0	129,129	
		4.39e-03		5.507e-05	5.771e-03	1.255e-02	8.931e-05	8.374e-04	54.9					132
	SLD:ok	0.03		-1.993e-04	6.455e-03		8.930e-05		99.2					161
		9.06e-03		5.222e-05	5.766e-03		8.931e-05		53.2					164
84	SLV:ok	0.01	0.23	-1.711e-04	6.447e-03	1.647e-02	8.918e-05	8.392e-04	99.1	3844.3	0.0	0.0	129,129	
		9.71e-03		1.571e-04	6.361e-03	1.618e-02	8.917e-05	8.393e-04	95.1					132
	SLD:ok	0.03		-1.653e-04	6.416e-03		8.918e-05		97.7					161
		0.02		1.527e-04	6.339e-03		8.917e-05		94.1					164
85	SLV:ok	0.01	0.22	-1.796e-04	6.463e-03	1.656e-02	8.909e-05	8.405e-04	100.0	3919.0	0.0	0.0	129,129	
		9.12e-03		1.455e-04	6.292e-03	1.594e-02	8.915e-05	8.397e-04	91.8					132
	SLD:ok	0.03		-1.731e-04	6.434e-03		8.910e-05		98.7					161
		0.02		1.399e-04	6.261e-03		8.914e-05		90.3					164
86	SLV:ok	3.20e-03	0.29	-3.526e-05	5.800e-03	1.103e-02	8.923e-05	8.385e-04	43.6	-4292.7	0.0	0.0	135,114	
		0.01		2.330e-04	6.619e-03	1.695e-02	8.931e-05	8.373e-04	106.5					134
	SLD:ok	5.71e-03		-3.322e-05	5.819e-03		8.924e-05		42.1					167
		0.03		2.274e-04	6.593e-03		8.930e-05		105.4					166
91	SLV:ok	0.01	0.23	-2.476e-04	5.216e-03	1.903e-02	5.259e-05	8.517e-04	128.0	8129.8	0.0	0.0	117,113	
		0.01		2.393e-04	5.205e-03	1.902e-02	5.239e-05	8.512e-04	128.1					116
	SLD:ok	0.05		-2.420e-04	5.203e-03		5.257e-05		126.9					149
		0.04		2.286e-04	5.175e-03		5.241e-05		125.2					148
92	SLV:ok	6.49e-03	0.25	-1.033e-04	4.887e-03	1.592e-02	5.271e-05	8.520e-04	83.3	-8689.3	0.0	0.0	113,139	
		9.72e-03		1.692e-04	4.972e-03	1.741e-02	5.235e-05	8.511e-04	103.5					116
	SLD:ok	0.02		-1.007e-04	4.883e-03		5.267e-05		82.2					145
		0.03		1.657e-04	4.968e-03		5.239e-05		102.6					148
93	SLV:ok	9.08e-03	0.21	-1.695e-04	5.167e-03	1.866e-02	5.288e-05	8.524e-04	121.9	-7526.0	0.0	0.0	113,131	
		6.41e-03		1.029e-04	4.876e-03	1.604e-02	5.237e-05	8.511e-04	85.0					116
	SLD:ok	0.03		-1.588e-04	5.128e-03		5.282e-05		118.4					145
		0.02		9.910e-05	4.876e-03		5.243e-05		84.0					148
94	SLV:ok	7.16e-03	0.19	1.932e-04	7.383e-03	2.700e-02	5.275e-05	8.521e-04	276.3	-7090.2	0.0	0.0	116,120	
		0.01		2.544e-04	5.403e-03	1.995e-02	5.275e-05	8.521e-04	143.2					116
	SLD:ok	0.02		1.801e-04	7.430e-03		5.274e-05		279.3					148
		0.04		2.399e-04	5.366e-03		5.274e-05		140.2					148
97	SLV:ok	6.76e-03	0.21	-1.076e-04	4.792e-03	1.592e-02	4.370e-05	7.067e-04	119.2	6462.6	0.0	0.0	114,117	
		4.57e-03		6.725e-05	4.708e-03	1.472e-02	4.358e-05	7.063e-04	98.1					116
	SLD:ok	0.02		-1.059e-04	4.788e-03		4.369e-05		118.6					146
		0.01		6.391e-05	4.706e-03		4.359e-05		95.5					148
98	SLV:ok	2.57e-03	0.18	-3.259e-05	4.833e-03	1.270e-02	4.362e-05	7.064e-04	68.9	-6827.3	0.0	0.0	113,116	
		5.49e-03		8.283e-05	4.717e-03	1.507e-02	4.350e-05	7.060e-04	104.2					116
	SLD:ok	6.50e-03		-3.152e-05	4.849e-03		4.360e-05		67.6					145
		0.02		8.164e-05	4.716e-03		4.351e-05		103.7					148
99	SLV:ok	8.57e-03	0.15	-1.566e-04	5.178e-03	1.827e-02	4.355e-05	7.062e-04	167.4	5600.9	0.0	0.0	113,130	
		2.18e-03		2.740e-05	4.846e-03	1.257e-02	4.345e-05	7.059e-04	67.4					119
	SLD:ok	0.03		-1.528e-04	5.158e-03		4.354e-05		165.5					145
		5.58e-03		2.706e-05	4.853e-03		4.346e-05		66.9					151
100	SLV:ok	1.54e-03	0.22	-8.892e-06	7.721e-03	5.791e-03	4.336e-05	7.056e-04	23.5	-7822.5	0.0	0.0	129,113	
		8.34e-03		1.319e-04	4.765e-03	1.582e-02	4.335e-05	7.056e-04	117.8					116
	SLD:ok	1.41e-03		-9.859e-06	6.971e-03		4.335e-05		27.6					145
		0.03		1.281e-04	4.758e-03		4.335e-05		116.5					148
101	SLV:ok	0.01	0.41	-1.396e-04	4.513e-03	1.371e-02	3.225e-05	5.249e-04	144.9	1.656e+04	0.0	0.0	113,113	
		7.21e-03		9.156e-05	4.479e-03	1.271e-02	3.216e-05	5.246e-04	118.3					120
	SLD:ok	0.03		-1.316e-04	4.502e-03		3.224e-05		141.0					145
		0.02		8.702e-05	4.483e-03		3.217e-05		115.7					152
104	SLV:ok	6.69e-03	0.33	-9.321e-05	4.677e-03	1.394e-02	3.888e-05	6.063e-04	114.0	1.175e+04	0.0	0.0	117,117	
		6.11e-03		8.338e-05	4.672e-03	1.365e-02	3.892e-05	6.064e-04	108.0					120
	SLD:ok	0.02		-9.022e-05	4.674e-03		3.889e-05		112.2					149
		0.02		8.070e-05	4.672e-03		3.892e-05		106.3					152

105	SLV:ok	9.40e-03	0.41	-1.264e-04	4.495e-03	1.345e-02	3.225e-05	5.249e-04	137.5	1.650e+04	0.0	0.0	125,125
		6.68e-03		8.336e-05	4.489e-03	1.249e-02	3.217e-05	5.246e-04	112.9				128
	SLD:ok	0.03		-1.211e-04	4.489e-03		3.224e-05		134.8				157
		0.02		8.047e-05	4.494e-03		3.218e-05		110.9				160
106	SLV:ok	6.64e-03	0.34	-9.239e-05	4.677e-03	1.391e-02	3.890e-05	6.063e-04	113.3	1.178e+04	0.0	0.0	125,125
		6.09e-03		8.308e-05	4.672e-03	1.363e-02	3.892e-05	6.064e-04	107.5				128
	SLD:ok	0.02		-8.965e-05	4.674e-03		3.890e-05		111.7				157
		0.02		8.076e-05	4.672e-03		3.892e-05		106.1				160
109	SLV:ok	7.58e-03	0.23	-1.258e-04	4.909e-03	1.660e-02	5.251e-05	8.515e-04	92.1	7648.5	0.0	0.0	122,133
		3.14e-03		4.055e-05	5.060e-03	1.291e-02	5.225e-05	8.508e-04	53.8				123
	SLD:ok	0.03		-1.242e-04	4.906e-03		5.248e-05		91.7				158
		7.45e-03		3.788e-05	5.088e-03		5.228e-05		52.4				155
110	SLV:ok	4.19e-03	0.22	-6.136e-05	4.893e-03	1.463e-02	5.248e-05	8.514e-04	69.0	-7735.0	0.0	0.0	125,135
		8.95e-03		1.553e-04	4.954e-03	1.736e-02	5.208e-05	8.504e-04	102.9				128
	SLD:ok	0.01		-5.749e-05	4.906e-03		5.243e-05		66.5				157
		0.03		1.526e-04	4.953e-03		5.212e-05		102.4				160
113	SLV:ok	4.30e-03	0.14	-6.183e-05	4.697e-03	1.438e-02	4.341e-05	7.058e-04	92.7	5936.6	0.0	0.0	126,133
		1.27e-03		1.211e-05	5.700e-03	9.504e-03	4.337e-05	7.057e-04	40.5				123
	SLD:ok	0.01		-6.127e-05	4.697e-03		4.340e-05		92.5				158
		1.99e-03		1.153e-05	5.798e-03		4.338e-05		39.1				155
129	SLV:ok	7.74e-04	0.61	6.189e-06	5.863e-03	7.993e-03	1.945e-05	3.081e-04	72.1	4.122e+04	0.0	0.0	115,117
		2.02e-03		-1.834e-05	4.704e-03	9.102e-03	1.944e-05	3.080e-04	116.7				138
	SLD:ok	8.76e-04		5.354e-06	6.111e-03		1.945e-05		67.1				147
		3.84e-03		-1.809e-05	4.714e-03		1.945e-05		116.0				170
130	SLV:ok	3.40e-03	0.43	4.934e-05	4.945e-03	1.453e-02	1.946e-05	3.081e-04	412.3	-2.889e+04	0.0	0.0	130,115
		0.0		0.0	0.0	0.0	0.0	0.0	0.0				0
	SLD:ok	9.83e-03		4.861e-05	4.945e-03		1.946e-05		412.3				162
		0.0		0.0	0.0		0.0		0.0				0
131	SLV:ok	1.25e-03	0.48	1.101e-05	4.925e-03	8.798e-03	1.946e-05	3.081e-04	103.1	-3.215e+04	0.0	0.0	130,120
		2.37e-03		3.013e-05	4.399e-03	1.272e-02	1.841e-05	3.050e-04	317.2				115
	SLD:ok	2.18e-03		1.079e-05	4.947e-03		1.946e-05		102.0				162
		6.74e-03		2.964e-05	4.395e-03		1.841e-05		316.1				147
132	SLV:ok	9.41e-03	0.50	-1.600e-04	5.217e-03	1.700e-02	6.243e-05	9.102e-04	86.5	1.130e+04	0.0	0.0	113,113
		7.50e-03		1.213e-04	5.160e-03	1.618e-02	6.245e-05	9.097e-04	77.3				116
	SLD:ok	0.03		-1.525e-04	5.204e-03		6.244e-05		84.8				145
		0.02		1.124e-04	5.150e-03		6.244e-05		74.8				148
133	SLV:ok	0.02	0.51	-3.076e-04	5.705e-03	2.000e-02	6.245e-05	9.096e-04	127.3	1.164e+04	0.0	0.0	113,113
		9.78e-03		1.774e-04	5.359e-03	1.813e-02	6.247e-05	9.086e-04	101.0				116
	SLD:ok	0.05		-2.969e-04	5.682e-03		6.245e-05		125.7				145
		0.03		1.704e-04	5.339e-03		6.247e-05		99.2				148
134	SLV:ok	0.02	0.71	-4.784e-04	5.802e-03	2.047e-02	6.240e-05	9.116e-04	133.9	-1.631e+04	0.0	0.0	118,119
		0.02		4.802e-04	5.684e-03	1.994e-02	6.242e-05	9.109e-04	125.9				116
	SLD:ok	0.08		-4.706e-04	5.787e-03		6.240e-05		132.9				145
		0.08		4.726e-04	5.669e-03		6.241e-05		125.0				151
135	SLV:ok	7.85e-03	0.39	1.682e-04	6.025e-03	2.143e-02	6.234e-05	9.142e-04	148.1	-8827.7	0.0	0.0	116,116
		0.02		3.399e-04	5.998e-03	2.133e-02	6.234e-05	9.142e-04	146.5				116
	SLD:ok	0.03		1.534e-04	6.012e-03		6.235e-05		147.3				148
		0.05		3.305e-04	6.011e-03		6.235e-05		147.3				148
136	SLV:ok	9.46e-03	0.49	-1.619e-04	5.228e-03	1.712e-02	6.243e-05	9.103e-04	87.8	1.121e+04	0.0	0.0	113,113
		6.92e-03		1.106e-04	5.148e-03	1.598e-02	6.239e-05	9.121e-04	74.8				116
	SLD:ok	0.03		-1.565e-04	5.218e-03		6.243e-05		86.6				145
		0.02		1.055e-04	5.143e-03		6.240e-05		73.1				148
137	SLV:ok	0.01	0.50	-2.763e-04	5.614e-03	1.950e-02	6.252e-05	9.065e-04	120.7	1.147e+04	0.0	0.0	113,117
		9.12e-03		1.626e-04	5.304e-03	1.782e-02	6.240e-05	9.116e-04	96.2				120
	SLD:ok	0.05		-2.692e-04	5.597e-03		6.251e-05		119.5				145
		0.03		1.575e-04	5.291e-03		6.242e-05		94.8				152
138	SLV:ok	0.02	0.71	-5.128e-04	5.884e-03	2.063e-02	6.256e-05	9.047e-04	138.5	-1.613e+04	0.0	0.0	114,119
		0.02		4.581e-04	5.643e-03	1.987e-02	6.231e-05	9.156e-04	123.5				119
	SLD:ok	0.09		-5.056e-04	5.869e-03		6.253e-05		137.7				146
		0.08		4.522e-04	5.633e-03		6.234e-05		122.8				151
139	SLV:ok	4.43e-03	0.47	1.020e-04	6.426e-03	2.301e-02	6.223e-05	9.190e-04	172.3	-1.072e+04	0.0	0.0	116,116
		0.01		2.648e-04	5.621e-03	1.985e-02	6.223e-05	9.190e-04	122.3				116
	SLD:ok	3.40e-03		-2.039e-05	5.996e-03		6.235e-05		32.1				145
		0.05		2.573e-04	5.614e-03		6.225e-05		121.7				148
140	SLV:ok	3.55e-03	0.19	-6.337e-05	5.168e-03	1.785e-02	6.101e-05	9.506e-04	88.4	4335.0	0.0	0.0	113,113
		2.24e-03		3.594e-05	5.084e-03	1.603e-02	6.103e-05	9.497e-04	69.6				116
	SLD:ok	0.01		-6.157e-05	5.160e-03		6.102e-05		87.4				145
		6.72e-03		3.419e-05	5.085e-03		6.103e-05		67.8				148
141	SLV:ok	4.78e-03	0.19	-9.539e-05	5.440e-03	1.995e-02	6.095e-05	9.540e-04	114.2	4341.1	0.0	0.0	117,117
		3.32e-03		6.108e-05	5.221e-03	1.840e-02	6.099e-05	9.518e-04	94.6				115
	SLD:ok	0.02		-9.257e-05	5.422e-03		6.096e-05		112.8				149
		0.01		5.898e-05	5.207e-03		6.099e-05		93.1				147
142	SLV:ok	9.34e-03	0.26	-2.056e-04	5.965e-03	2.201e-02	6.123e-05	9.394e-04	148.9	-5964.1	0.0	0.0	114,115
		7.56e-03		1.490e-04	5.473e-03	1.971e-02	6.127e-05	9.369e-04	115.4				115
	SLD:ok	0.03		-2.025e-04	5.950e-03		6.123e-05		148.0				146
		0.03		1.468e-04	5.463e-03		6.127e-05		114.7				147
143	SLV:ok	1.10e-03	0.17	-5.910e-06	7.161e-03	5.371e-03	6.087e-05	9.583e-04	21.9	-3953.4	0.0	0.0	131,116

		4.60e-03		9.458e-05	5.538e-03	2.056e-02	6.089e-05	9.571e-04	121.8					116
	SLD:ok	1.74e-03		-9.574e-06	5.503e-03		6.084e-05		40.3					145
		0.02		9.335e-05	5.540e-03		6.088e-05		122.0					148
150	SLV:ok	8.20e-03	0.45	-1.473e-04	5.284e-03	1.796e-02	6.214e-05	9.231e-04	95.5	-1.018e+04	0.0	0.0	129,132	
		0.02		3.974e-04	6.002e-03	2.122e-02	6.245e-05	9.095e-04	146.3					132
	SLD:ok	0.03		-1.355e-04	5.248e-03		6.218e-05		91.5					161
		0.06		3.844e-04	5.973e-03		6.242e-05		144.6					164
151	SLV:ok	0.01	0.54	-2.507e-04	5.378e-03	1.880e-02	6.199e-05	9.298e-04	104.7	1.241e+04	0.0	0.0	129,129	
		5.70e-03		8.528e-05	5.147e-03	1.496e-02	6.261e-05	9.027e-04	66.2					132
	SLD:ok	0.04		-2.383e-04	5.357e-03		6.206e-05		102.6					161
		0.01		7.626e-05	5.155e-03		6.254e-05		62.3					164
152	SLV:ok	9.67e-03	0.43	-1.768e-04	5.392e-03	1.829e-02	6.252e-05	9.064e-04	103.7	-9922.6	0.0	0.0	129,132	
		0.02		3.533e-04	5.893e-03	2.080e-02	6.244e-05	9.099e-04	139.5					132
	SLD:ok	0.03		-1.640e-04	5.350e-03		6.251e-05		100.0					161
		0.06		3.396e-04	5.861e-03		6.245e-05		137.5					164
153	SLV:ok	0.01	0.51	-2.003e-04	5.390e-03	1.822e-02	6.257e-05	9.043e-04	103.3	-1.164e+04	0.0	0.0	129,132	
		0.01		2.515e-04	5.511e-03	1.907e-02	6.243e-05	9.102e-04	113.5					132
	SLD:ok	0.04		-1.879e-04	5.356e-03		6.255e-05		100.3					161
		0.04		2.388e-04	5.481e-03		6.245e-05		111.2					164
154	SLV:ok	1.66e-03	0.08	-3.358e-05	5.478e-03	2.022e-02	6.091e-05	9.561e-04	117.3	-1816.4	0.0	0.0	129,132	
		4.31e-03		1.057e-04	6.568e-03	2.451e-02	6.103e-05	9.496e-04	185.6					132
	SLD:ok	5.48e-03		-2.951e-05	5.382e-03		6.092e-05		109.6					161
		0.02		1.013e-04	6.525e-03		6.102e-05		183.2					164
155	SLV:ok	1.88e-03	0.21	-2.934e-05	5.083e-03	1.561e-02	6.079e-05	9.622e-04	64.2	-4895.3	0.0	0.0	133,132	
		6.28e-03		1.303e-04	5.578e-03	2.075e-02	6.090e-05	9.567e-04	124.6					132
	SLD:ok	5.40e-03		-2.748e-05	5.094e-03		6.081e-05		61.9					165
		0.02		1.268e-04	5.561e-03		6.089e-05		123.5					164
156	SLV:ok	0.01	0.54	-2.702e-04	5.483e-03	1.895e-02	6.241e-05	9.113e-04	111.5	1.238e+04	0.0	0.0	129,129	
		6.60e-03		1.051e-04	5.136e-03	1.593e-02	6.221e-05	9.202e-04	73.0					132
	SLD:ok	0.05		-2.594e-04	5.457e-03		6.239e-05		109.6					161
		0.02		9.932e-05	5.133e-03		6.223e-05		71.0					164
157	SLV:ok	9.08e-03	0.50	-1.577e-04	5.224e-03	1.736e-02	6.220e-05	9.207e-04	88.6	-1.145e+04	0.0	0.0	129,132	
		0.01		1.826e-04	5.270e-03	1.785e-02	6.214e-05	9.232e-04	94.1					132
	SLD:ok	0.03		-1.502e-04	5.208e-03		6.219e-05		86.8					161
		0.03		1.749e-04	5.255e-03		6.215e-05		92.5					164
158	SLV:ok	0.01	0.53	-1.800e-04	5.221e-03	1.743e-02	6.212e-05	9.242e-04	88.7	1.205e+04	0.0	0.0	129,129	
		6.94e-03		1.108e-04	5.136e-03	1.597e-02	6.220e-05	9.205e-04	73.3					132
	SLD:ok	0.03		-1.721e-04	5.209e-03		6.213e-05		87.2					161
		0.02		1.018e-04	5.130e-03		6.219e-05		70.3					164
159	SLV:ok	0.02	0.45	-3.657e-04	5.867e-03	2.096e-02	6.222e-05	9.197e-04	138.8	1.029e+04	0.0	0.0	122,122	
		7.86e-03		1.369e-04	5.216e-03	1.743e-02	6.208e-05	9.259e-04	88.4					123
	SLD:ok	0.06		-3.613e-04	5.856e-03		6.220e-05		138.1					154
		0.03		1.330e-04	5.206e-03		6.209e-05		87.0					155
165	SLV:ok	8.52e-04	0.37	7.580e-06	4.851e-03	8.892e-03	1.946e-05	3.081e-04	107.2	2.486e+04	0.0	0.0	135,134	
		9.87e-04		-8.914e-06	4.749e-03	9.027e-03	1.942e-05	3.079e-04	113.4					134
	SLD:ok	1.52e-03		7.398e-06	4.871e-03		1.946e-05		106.0					167
		1.84e-03		-8.770e-06	4.760e-03		1.943e-05		112.7					166
166	SLV:ok	9.34e-04	0.39	8.199e-06	4.929e-03	8.781e-03	1.939e-05	3.077e-04	102.8	-2.621e+04	0.0	0.0	134,136	
		8.66e-04		-7.549e-06	4.981e-03	8.721e-03	1.940e-05	3.078e-04	100.1					133
	SLD:ok	1.63e-03		8.073e-06	4.940e-03		1.940e-05		102.2					166
		1.46e-03		-7.340e-06	5.011e-03		1.940e-05		98.7					165
167	SLV:ok	7.20e-04	0.46	5.819e-06	5.723e-03	8.080e-03	1.941e-05	3.078e-04	75.2	-3.080e+04	0.0	0.0	133,136	
		1.19e-05		0.0	1.920e-02	1.440e-02	1.941e-05	3.078e-04	15.6					135
	SLD:ok	9.76e-04		5.641e-06	5.777e-03		1.941e-05		74.0					165
		8.65e-06		0.0	1.941e-02		1.941e-05		15.4					167
170	SLV:ok	8.03e-03	0.23	-1.738e-04	5.782e-03	2.164e-02	6.094e-05	9.543e-04	138.4	5348.0	0.0	0.0	133,133	
		1.45e-03		7.740e-06	7.129e-03	5.347e-03	6.098e-05	9.524e-04	22.1					113
	SLD:ok	0.03		-1.708e-04	5.771e-03		6.095e-05		137.6					165
		1.98e-03		1.151e-05	5.817e-03		6.100e-05		34.1					168
171	SLV:ok	2.73e-03	0.19	-4.484e-05	5.095e-03	1.643e-02	6.114e-05	9.441e-04	74.2	-4392.1	0.0	0.0	129,132	
		3.30e-03		5.681e-05	5.133e-03	1.724e-02	6.113e-05	9.444e-04	82.7					132
	SLD:ok	8.28e-03		-4.214e-05	5.091e-03		6.114e-05		72.4					161
		0.01		5.350e-05	5.121e-03		6.113e-05		80.5					168
172	SLV:ok	2.85e-03	0.19	-4.753e-05	5.106e-03	1.671e-02	6.116e-05	9.430e-04	77.2	-4273.4	0.0	0.0	135,134	
		3.12e-03		5.363e-05	5.129e-03	1.719e-02	6.112e-05	9.450e-04	82.1					134
	SLD:ok	8.99e-03		-4.587e-05	5.102e-03		6.115e-05		76.1					167
		0.01		5.149e-05	5.121e-03		6.112e-05		80.5					166
173	SLV:ok	1.60e-03	0.25	1.617e-05	4.326e-03	1.010e-02	1.930e-05	3.094e-04	163.9	-2.467e+04	0.0	0.0	135,124	
		5.99e-04		-5.279e-06	4.926e-03	8.813e-03	1.929e-05	3.094e-04	102.6					121
	SLD:ok	3.69e-03		1.596e-05	4.327e-03		1.929e-05		163.4					161
		1.05e-03		-5.176e-06	4.952e-03		1.929e-05		101.3					153
174	SLV:ok	0.0	0.26	0.0	5.952e-02	4.464e-02	1.931e-05	3.095e-04	4.7	2.646e+04	0.0	0.0	128,128	
		1.46e-03		-1.396e-05	4.495e-03	9.531e-03	1.931e-05	3.095e-04	135.3					135
	SLD:ok	0.0		0.0	6.533e-02		1.931e-05		4.3					160
		3.06e-03		-1.379e-05	4.504e-03		1.931e-05		134.2					167
179	SLV:ok	7.34e-03	0.44	-1.262e-04	5.231e-03	1.719e-02	6.240e-05	9.115e-04	88.5	-9995.7	0.0	0.0	122,123	
		0.01		2.181e-04	5.491e-03	1.933e-02	6.210e-05	9.248e-04	113.3					123

	SLD:ok	0.02		-1.248e-04	5.226e-03		6.237e-05		88.0				154
		0.04		2.145e-04	5.480e-03		6.214e-05		112.4				155
180	SLV:ok	7.44e-03	0.42	-1.238e-04	5.190e-03	1.665e-02	6.246e-05	9.092e-04	82.6	9619.7	0.0	0.0	122,122
		6.52e-03		1.069e-04	5.142e-03	1.640e-02	6.206e-05	9.268e-04	76.7				128
	SLD:ok	0.02		-1.198e-04	5.179e-03		6.241e-05		81.2				154
		0.02		1.050e-04	5.141e-03		6.210e-05		76.2				160
181	SLV:ok	2.08e-03	0.14	-3.468e-05	5.094e-03	1.669e-02	6.100e-05	9.516e-04	75.7	-3213.1	0.0	0.0	134,123
		2.21e-03		3.790e-05	5.105e-03	1.711e-02	6.091e-05	9.560e-04	79.3				123
	SLD:ok	6.67e-03		-3.396e-05	5.092e-03		6.099e-05		75.1				166
		7.16e-03		3.649e-05	5.100e-03		6.093e-05		77.9				155
182	SLV:ok	2.27e-03	0.14	-3.817e-05	5.104e-03	1.683e-02	6.106e-05	9.482e-04	77.7	3297.6	0.0	0.0	125,125
		1.82e-03		2.893e-05	5.079e-03	1.592e-02	6.088e-05	9.576e-04	67.5				128
	SLD:ok	7.01e-03		-3.574e-05	5.095e-03		6.104e-05		75.4				157
		5.49e-03		2.790e-05	5.081e-03		6.090e-05		66.7				160
183	SLV:ok	6.53e-03	0.09	1.289e-04	1.040e-02	1.973e-02	1.531e-04	9.323e-04	123.1	-361.6	0.0	0.0	132,116
		4.99e-03		8.089e-05	8.422e-03	1.620e-02	1.531e-04	9.323e-04	80.1				132
	SLD:ok	0.01		1.262e-04	1.040e-02		1.529e-04		123.2				164
		9.44e-03		7.940e-05	8.410e-03		1.529e-04		80.0				164
184	SLV:ok	2.23e-03	0.10	-3.377e-05	7.617e-03	1.516e-02	1.495e-04	9.768e-04	63.9	221.8	0.0	0.0	137,115
		3.54e-03		-7.522e-05	1.065e-02	2.127e-02	1.495e-04	9.768e-04	132.8				137
	SLD:ok	4.23e-03		-3.214e-05	7.596e-03		1.496e-04		63.3				169
		6.72e-03		-7.187e-05	1.069e-02		1.496e-04		133.4				169
185	SLV:ok	1.85e-03	0.11	3.133e-05	4.902e-03	1.698e-02	4.300e-05	7.045e-04	141.0	-1539.8	0.0	0.0	137,142
		9.55e-04		9.919e-06	5.356e-03	1.038e-02	4.269e-05	7.036e-04	46.7				142
	SLD:ok	6.18e-03		3.028e-05	4.900e-03		4.297e-05		141.0				169
		1.35e-03		7.848e-06	5.797e-03		4.273e-05		38.8				174
186	SLV:ok	1.80e-03	0.11	-2.488e-05	4.709e-03	1.379e-02	4.330e-05	7.054e-04	83.8	1692.1	0.0	0.0	143,137
		1.33e-03		-1.854e-05	4.693e-03	1.390e-02	4.308e-05	7.048e-04	85.6				122
	SLD:ok	4.83e-03		-2.279e-05	4.720e-03		4.328e-05		80.8				175
		3.77e-03		-1.772e-05	4.705e-03		4.310e-05		82.5				154
189	SLV:ok	1.03e-04	0.32	0.0	1.030e-02	7.723e-03	1.949e-05	3.083e-04	32.2	-2.130e+04	0.0	0.0	116,116
		1.50e-03		1.784e-05	4.256e-03	1.186e-02	1.842e-05	3.051e-04	267.6				136
	SLD:ok	6.64e-05		0.0	1.073e-02		1.949e-05		30.6				148
		4.10e-03		1.747e-05	4.257e-03		1.842e-05		268.0				168
190	SLV:ok	1.42e-03	0.11	1.355e-05	4.487e-03	9.565e-03	1.984e-05	3.065e-04	140.5	-1.849e+04	0.0	0.0	140,117
		7.17e-04		-6.226e-06	5.010e-03	8.685e-03	1.984e-05	3.064e-04	99.8				120
	SLD:ok	2.98e-03		1.341e-05	4.499e-03		1.984e-05		138.9				172
		1.22e-03		-6.126e-06	5.041e-03		1.984e-05		98.3				152
191	SLV:ok	1.13e-03	0.10	1.219e-05	4.304e-03	1.082e-02	1.986e-05	3.073e-04	204.4	-1.113e+04	0.0	0.0	136,116
		0.0		0.0	0.0	0.0	0.0	0.0	0.0				0
	SLD:ok	2.82e-03		1.215e-05	4.304e-03		1.986e-05		204.4				168
		0.0		0.0	0.0		0.0		0.0				0
192	SLV:ok	0.03	0.25	-6.396e-04	1.187e-02	2.118e-02	1.555e-04	9.054e-04	150.0	579.6	0.0	0.0	118,125
		0.0		0.0	0.0	0.0	0.0	0.0	0.0				0
	SLD:ok	0.05		-6.376e-04	1.187e-02		1.555e-04		150.0				150
		0.0		0.0	0.0		0.0		0.0				0
193	SLV:ok	8.25e-03	0.22	-9.360e-05	6.993e-03	1.134e-02	1.530e-04	9.332e-04	40.4	-2313.2	0.0	0.0	122,123
		0.05		1.056e-03	1.061e-02	1.996e-02	1.534e-04	9.285e-04	127.0				123
	SLD:ok	0.01		-8.933e-05	6.973e-03		1.530e-04		39.4				154
		0.10		1.044e-03	1.058e-02		1.533e-04		126.4				155
194	SLV:ok	0.23	0.28	1.104e-02	2.990e-02	4.785e-02	1.491e-04	9.813e-04	526.0	-2513.6	0.0	0.0	122,125
		0.0		0.0	0.0	0.0	0.0	0.0	0.0				0
	SLD:ok	0.37		1.101e-02	2.990e-02		1.491e-04		526.0				154
		0.0		0.0	0.0		0.0		0.0				0
195	SLV:ok	0.08	0.66	-1.298e-03	8.364e-03	1.577e-02	1.542e-04	9.187e-04	77.7	5142.5	0.0	0.0	122,125
		0.07		-1.128e-03	8.140e-03	1.528e-02	1.541e-04	9.190e-04	72.5				134
	SLD:ok	0.15		-1.294e-03	8.360e-03		1.541e-04		77.6				154
		0.14		-1.126e-03	8.140e-03		1.541e-04		72.5				166

Trave	**ver. (d)**	**ver. (f)**
	0.37	0.71

Trave	**V. SLV**	**Nodo**	**Ver. VC**	**Direz.**	**N fr**	**V fr**	**M fr**	**N dutt**	**LV**	**mud,pl**	**V cic**	**Cmb**
					daN	daN	daN cm	daN	cm		daN	
2	ok	129	0.03	2	3436.55	-1865.17	-1.061e+06	3436.55	185.94	0.0	6.536e+04	125
		122	0.36	2	3503.56	2.384e+04	2.285e+06	3503.56	123.71	0.0	6.915e+04	144
3	ok	25	0.23	2	-1180.80	-1.550e+04	1.639e+04	-1180.80	1.10	0.0	1.102e+05	121
		141	0.06	2	-987.68	3860.10	-1.630e+06	-987.68	299.25	0.0	4.856e+04	142
4	ok	141	0.11	2	-2810.24	-7435.14	-9.930e+05	-2810.24	268.76	0.0	6.078e+04	126
		43	0.28	2	-2779.49	1.906e+04	9.343e+05	-2779.49	56.12	0.0	7.553e+04	144
7	ok	92	0.03	2	-1766.35	4364.90	-1.072e+05	-1766.35	26.59	0.0	6.377e+04	125
		98	0.04	2	-1653.48	-6549.05	-5.311e+05	-1653.48	100.37	0.0	6.081e+04	128
8	ok	103	0.45	2	-136.60	-3.045e+04	4.364e+05	-136.60	14.90	0.0	7.621e+04	115
		107	0.44	2	-749.19	2.951e+04	6.415e+05	-749.19	22.66	0.0	7.682e+04	131
9	ok	107	0.26	2	1376.95	-1.713e+04	4.044e+05	1376.95	25.47	0.0	7.514e+04	132

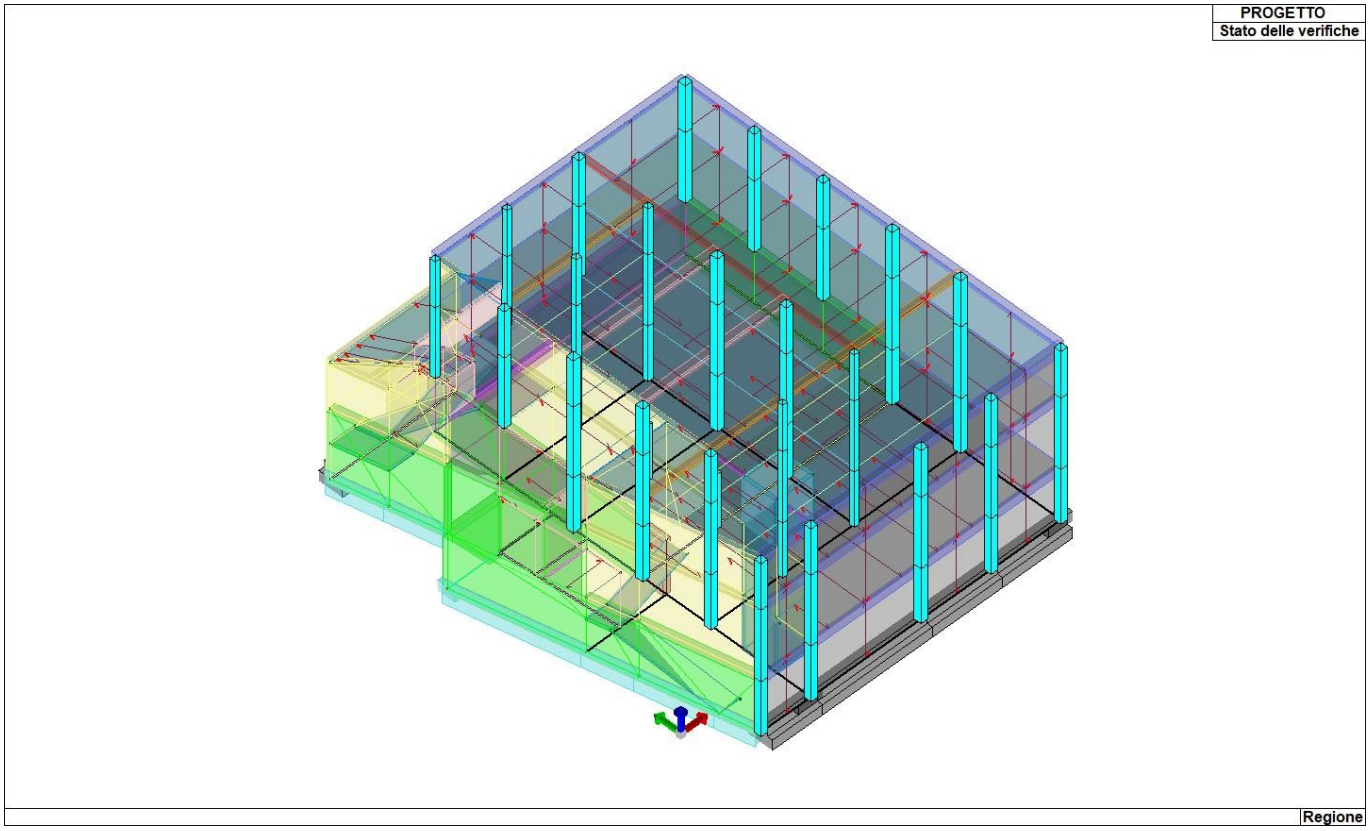
		111	0.37	2	-2348.44	2.459e+04	1.787e+06	-2348.44	91.48	0.0	7.229e+04	131
11	ok	80	0.36	2	3017.75	-3.601e+04	1.538e+06	3017.75	46.15	0.0	8.555e+04	136
		102	0.37	2	3017.75	3.707e+04	5.925e+05	3017.75	17.28	0.0	8.731e+04	136
12	ok	82	0.08	2	-2591.88	1802.37	-2.541e+05	-2591.88	192.55	0.0	1.440e+04	122
		81	0.06	2	-1660.48	-1449.74	-1.499e+05	-1660.48	135.93	0.0	1.734e+04	123
13	ok	44	0.23	2	450.77	-1.531e+04	-4.914e+05	450.77	398.90	0.0	5.237e+04	140
		78	0.29	2	829.00	1.923e+04	1.781e+05	829.00	9.84	0.0	7.610e+04	128
14	ok	43	0.26	2	-3987.51	-1.736e+04	4.784e+05	-3987.51	29.90	0.0	8.095e+04	144
		44	0.09	2	-3825.47	6269.77	-1.056e+06	-3825.47	257.44	0.0	6.167e+04	118
15	ok	26	0.29	2	-9061.18	-1.912e+04	1.530e+06	-9061.18	104.69	0.0	7.425e+04	138
		43	0.13	2	-8715.36	-8850.19	-1.832e+05	-8715.36	18.94	0.0	9.648e+04	114
16	ok	122	0.15	2	-1.003e+04	1.032e+04	2.595e+05	-1.003e+04	79.50	0.0	7.759e+04	144
		26	0.26	2	-1.003e+04	1.724e+04	1.355e+06	-1.003e+04	79.50	0.0	7.759e+04	144
17	ok	21	0.31	2	-7521.41	-2.046e+04	1.774e+06	-7521.41	117.72	0.0	7.243e+04	118
		122	0.13	2	-7669.45	9047.98	-9.144e+04	-7669.45	216.15	0.0	6.513e+04	123
18	ok	110	0.32	2	-3752.39	2.156e+04	-2.491e+06	-3752.39	95.82	0.0	7.264e+04	118
		21	0.52	2	-3752.39	3.478e+04	1.550e+06	-3752.39	47.58	0.0	7.739e+04	118
19	ok	104	0.34	2	-6870.57	-2.275e+04	-1.934e+04	-6870.57	256.70	0.0	6.226e+04	138
		110	0.05	2	-6688.94	3464.66	-2.408e+06	-6688.94	256.70	0.0	6.223e+04	139
20	ok	134	0.44	2	-6987.72	-2.968e+04	3.180e+06	-6987.72	146.45	0.0	6.994e+04	120
		104	0.13	2	-6987.72	-8780.40	-5.708e+05	-6987.72	50.25	0.0	7.996e+04	120
21	ok	22	0.05	2	360.91	6291.68	-3.197e+05	360.91	60.94	0.0	5.255e+04	125
		4	0.06	2	523.15	-7871.76	-6.394e+05	523.15	103.94	0.0	5.124e+04	128
22	ok	104	0.33	2	864.55	-2.192e+04	2.391e+06	864.55	422.50	0.0	5.093e+04	119
		105	0.33	2	2529.31	2.224e+04	1.828e+06	2529.31	107.62	0.0	7.013e+04	113
23	ok	105	0.35	2	852.46	-2.323e+04	2.302e+06	852.46	142.27	0.0	6.802e+04	116
		106	0.27	2	1618.79	1.779e+04	1.263e+06	1618.79	93.53	0.0	7.099e+04	129
24	ok	106	0.44	2	1322.53	-2.922e+04	1.537e+06	1322.53	58.41	0.0	7.313e+04	131
		107	0.39	2	1165.15	2.610e+04	2.398e+05	1165.15	9.55	0.0	7.611e+04	115
25	ok	21	0.30	2	-1377.48	-1.984e+04	1.410e+06	-1377.48	90.23	0.0	7.189e+04	117
		11	0.28	2	990.84	1.848e+04	1.241e+06	990.84	85.47	0.0	7.148e+04	119
26	ok	11	0.28	2	-1087.94	-1.854e+04	1.335e+06	-1087.94	94.27	0.0	7.147e+04	120
		24	0.30	2	-1084.64	1.992e+04	1.587e+06	-1084.64	104.69	0.0	7.078e+04	131
27	ok	24	0.47	2	-2403.96	-3.159e+04	2.132e+06	-2403.96	75.92	0.0	7.351e+04	115
		111	0.42	2	-2021.67	2.807e+04	5.332e+05	-2021.67	20.17	0.0	8.004e+04	133
28	ok	74	0.32	2	144.33	-2.119e+04	4.597e+05	144.33	22.92	0.0	7.530e+04	136
		80	0.28	2	144.33	1.901e+04	-1.139e+05	144.33	383.68	0.0	5.330e+04	136
29	ok	40	0.34	2	-171.01	-2.277e+04	1.916e+06	-171.01	109.23	0.0	7.011e+04	136
		74	0.25	2	227.45	1.691e+04	7.579e+05	227.45	52.68	0.0	7.348e+04	129
30	ok	24	0.26	2	76.89	-1.726e+04	1.303e+06	76.89	104.28	0.0	7.034e+04	132
		40	0.31	2	170.32	2.094e+04	1.889e+06	170.32	125.54	0.0	6.904e+04	135
31	ok	106	0.22	2	385.96	-1.499e+04	-5323.18	385.96	337.39	0.0	5.612e+04	120
		24	0.31	2	18.47	2.098e+04	1.170e+06	18.47	65.31	0.0	7.271e+04	131
32	ok	88	0.21	2	-482.47	-1.385e+04	-8.306e+05	-482.47	378.49	0.0	5.367e+04	128
		40	0.34	2	-302.68	2.296e+04	9.033e+05	-302.68	43.54	0.0	7.436e+04	132
33	ok	26	0.40	2	-38.62	-2.651e+04	2.714e+06	-38.62	129.83	0.0	6.879e+04	144
		88	0.14	2	144.59	9067.91	-9.380e+05	144.59	300.23	0.0	5.838e+04	125
34	ok	44	0.20	2	54.79	-1.338e+04	1.279e+05	54.79	10.40	0.0	7.606e+04	144
		45	0.33	2	54.79	2.234e+04	1.912e+06	54.79	109.18	0.0	7.004e+04	144
35	ok	45	0.35	2	18.79	-2.353e+04	1.936e+06	18.79	102.17	0.0	7.046e+04	124
		74	0.22	2	79.46	1.501e+04	3.692e+04	79.46	2.58	0.0	7.654e+04	144
36	ok	25	0.30	2	8900.33	-2.001e+04	3.796e+05	8900.33	20.46	0.0	6.056e+04	125
		143	0.35	2	8890.19	2.349e+04	1.469e+06	8890.19	70.51	0.0	5.838e+04	113
37	ok	143	0.03	2	4192.93	-2269.17	-2.735e+05	4192.93	123.46	0.0	5.607e+04	117
		101	0.26	2	4160.76	1.765e+04	1.687e+06	4160.76	139.16	0.0	5.539e+04	113
38	ok	143	0.47	2	-341.18	-3.185e+04	2.583e+05	-341.18	8.27	0.0	7.808e+04	113
		130	0.21	2	-171.63	-1.406e+04	-4.098e+06	-171.63	185.12	0.0	6.545e+04	120
39	ok	130	0.12	2	-384.20	7999.38	-3.869e+06	-384.20	217.48	0.0	6.351e+04	113
		110	0.49	2	-406.02	3.287e+04	1.702e+06	-406.02	56.38	0.0	7.359e+04	117
40	ok	129	0.26	2	-2592.71	-1.734e+04	-3.690e+05	-2592.71	449.02	0.0	4.957e+04	122
		130	0.32	2	-2614.81	2.156e+04	4.286e+05	-2614.81	21.18	0.0	8.104e+04	113
41	ok	141	0.21	2	481.56	-1.420e+04	3.683e+05	481.56	28.31	0.0	7.497e+04	120
		129	0.04	2	662.08	2367.87	-8.069e+05	662.08	173.21	0.0	6.613e+04	122
53	ok	19	0.48	2	6821.60	-3.212e+04	5.709e+05	6821.60	19.08	0.0	7.553e+04	126
		15	0.50	2	7236.22	3.347e+04	4.985e+05	7236.22	16.10	0.0	7.571e+04	142
54	ok	19	0.09	2	6784.64	-6346.27	-4.483e+05	6784.64	226.51	0.0	5.158e+04	126
		62	0.23	2	6784.64	1.559e+04	8.060e+05	6784.64	61.84	0.0	5.875e+04	126
55	ok	62	0.22	2	9787.72	-1.485e+04	8.060e+05	9787.72	67.04	0.0	5.853e+04	126
		30	0.16	2	9787.72	1.077e+04	1.270e+05	9787.72	12.80	0.0	6.089e+04	126
56	ok	2	0.02	2	376.02	-467.26	5.692e+04	376.02	83.92	0.0	1.552e+04	132
		137	0.07	2	376.02	-1483.26	-1.413e+05	376.02	119.28	0.0	1.435e+04	132
57	ok	137	8.15e-03	2	180.01	930.28	-6.170e+04	180.01	86.51	0.0	4.718e+04	140
		138	1.85e-03	2	389.78	-211.49	-1143.36	389.78	6.29	0.0	4.985e+04	137
58	ok	138	2.60e-03	2	1086.00	-297.12	-1.790e+04	1086.00	196.70	0.0	4.352e+04	140
		6	0.01	2	1086.00	-1280.62	-1.731e+05	1086.00	196.70	0.0	4.352e+04	140
59	ok	6	0.02	2	-999.29	1978.60	-1.243e+05	-999.29	68.78	0.0	4.801e+04	139
		115	0.01	2	-999.29	1295.10	9.950e+04	-999.29	67.92	0.0	4.804e+04	139

60	ok	115	3.68e-03	2	-2071.10	-420.37	1.057e+05	-2071.10	120.00	0.0	4.635e+04	120
		12	8.94e-03	2	-2071.10	-1020.37	7827.31	-2071.10	120.00	0.0	4.635e+04	120
61	ok	6	0.05	2	384.18	5814.28	-3.915e+05	384.18	82.18	0.0	5.191e+04	113
		7	0.07	2	723.16	-8483.88	-5.975e+05	723.16	89.24	0.0	5.169e+04	116
62	ok	7	0.06	2	572.97	7796.38	-5.258e+05	572.97	86.77	0.0	5.177e+04	113
		8	0.07	2	676.14	-9030.23	-7.863e+05	676.14	117.43	0.0	5.083e+04	116
63	ok	8	0.32	2	641.85	8188.75	-8.313e+05	641.85	126.40	0.0	1.540e+04	113
		9	0.31	2	673.18	-7850.66	-7.586e+05	673.18	119.62	0.0	1.560e+04	116
64	ok	14	0.18	2	3743.60	7233.49	-2.594e+05	3743.60	40.52	0.0	3.172e+04	113
		109	0.24	2	-2996.74	-9789.75	-5.223e+05	-2996.74	60.58	0.0	3.236e+04	116
65	ok	109	0.23	2	5024.57	9044.93	-5.203e+05	5024.57	67.12	0.0	3.076e+04	113
		16	0.18	2	2714.98	-7078.98	-1.987e+05	2714.98	30.81	0.0	3.207e+04	116
66	ok	18	0.13	2	971.61	5230.65	-4.194e+04	971.61	8.63	0.0	3.288e+04	125
		54	0.28	2	1402.29	-1.137e+04	-1.219e+06	1402.29	139.30	0.0	2.814e+04	128
67	ok	54	0.26	2	1094.13	1.046e+04	-1.149e+06	1094.13	150.53	0.0	2.773e+04	122
		20	0.14	2	1851.53	-5697.46	-2.209e+05	1851.53	46.19	0.0	3.152e+04	123
68	ok	8	0.19	2	168.36	4822.04	-1.770e+05	168.36	42.03	0.0	2.530e+04	135
		16	0.28	2	-108.34	-7097.49	-6.547e+05	-108.34	119.64	0.0	2.107e+04	134
69	ok	16	0.05	2	-5.78	6373.84	-5.710e+05	-5.78	120.60	0.0	5.074e+04	129
		20	0.05	2	78.91	-5990.83	-4.891e+05	78.91	108.36	0.0	5.111e+04	132
70	ok	20	0.04	2	148.14	5503.50	-4.430e+05	148.14	111.12	0.0	5.103e+04	129
		3	0.05	2	123.70	-6252.93	-5.488e+05	123.70	118.21	0.0	5.081e+04	132
71	ok	3	0.06	2	313.80	7247.16	-6.385e+05	313.80	111.53	0.0	5.101e+04	129
		28	0.04	2	-6.15	-4809.66	-2.278e+05	-6.15	56.68	0.0	5.268e+04	132
72	ok	4	0.06	2	394.81	8083.36	-6.488e+05	394.81	101.41	0.0	5.132e+04	122
		3	0.05	2	407.98	-6002.00	-2.232e+05	407.98	42.62	0.0	5.311e+04	123
73	ok	144	0.12	2	3403.46	-8320.45	2.364e+06	3403.46	190.00	0.0	6.511e+04	137
		134	0.25	2	3219.62	1.651e+04	3.244e+06	3219.62	190.00	0.0	6.511e+04	140
74	ok	142	0.06	2	94.38	3870.63	-8.874e+05	94.38	93.92	0.0	7.097e+04	139
		144	0.42	2	94.38	2.788e+04	2.340e+06	94.38	109.28	0.0	7.003e+04	139
79	ok	55	0.19	2	472.62	4898.83	-1.795e+05	472.62	42.14	0.0	1.796e+04	135
		33	0.29	2	68.42	-7249.54	-6.580e+05	68.42	118.18	0.0	1.565e+04	134
80	ok	33	0.05	2	242.06	6450.77	-5.558e+05	242.06	115.86	0.0	5.088e+04	129
		35	0.05	2	54.25	-6043.23	-4.740e+05	54.25	103.61	0.0	5.125e+04	132
81	ok	35	0.05	2	293.58	5969.67	-4.898e+05	293.58	112.14	0.0	5.100e+04	129
		64	0.05	2	404.24	-6191.89	-5.016e+05	404.24	107.71	0.0	5.113e+04	132
82	ok	64	0.06	2	726.06	7220.39	-6.020e+05	726.06	105.11	0.0	5.121e+04	129
		47	0.04	2	463.91	-5069.48	-2.262e+05	463.91	52.34	0.0	5.281e+04	132
83	ok	97	0.24	2	-639.97	4255.74	-3.329e+05	-639.97	99.67	0.0	2.160e+04	129
		82	0.19	2	-680.39	-3347.03	-1.554e+05	-680.39	54.91	0.0	2.623e+04	132
84	ok	71	0.21	2	-203.05	3844.35	-2.907e+05	-203.05	99.12	0.0	2.160e+04	129
		97	0.21	2	-171.73	-3803.33	-2.779e+05	-171.73	95.10	0.0	2.201e+04	132
85	ok	69	0.22	2	134.80	3919.02	-3.003e+05	134.80	100.05	0.0	2.148e+04	129
		71	0.21	2	-70.69	-3754.33	-2.663e+05	-70.69	91.84	0.0	2.232e+04	132
86	ok	89	0.18	2	-390.48	3172.35	-1.200e+05	-390.48	43.65	0.0	2.733e+04	135
		69	0.24	2	-701.51	-4363.74	-3.599e+05	-701.51	106.50	0.0	2.091e+04	134
91	ok	55	0.06	2	267.74	8129.82	-8.315e+05	267.74	128.02	0.0	5.051e+04	113
		42	0.06	2	1184.80	-7942.87	-8.081e+05	1184.80	128.13	0.0	5.051e+04	116
92	ok	56	0.06	2	-277.28	8030.78	-5.310e+05	-277.28	83.33	0.0	5.193e+04	113
		55	0.07	2	1367.59	-8854.08	-7.051e+05	1367.59	103.47	0.0	5.126e+04	116
93	ok	61	0.05	2	-1068.60	6515.23	-6.042e+05	-1068.60	121.94	0.0	5.085e+04	113
		56	0.06	2	1274.93	-7811.80	-5.200e+05	1274.93	85.04	0.0	5.182e+04	116
94	ok	67	0.03	2	-56.15	3253.37	-1.596e+05	-56.15	52.01	0.0	5.284e+04	113
		61	0.06	2	-474.44	-7091.97	-7.563e+05	-474.44	143.18	0.0	5.011e+04	116
97	ok	89	0.21	2	-3153.59	6462.65	-6.307e+05	-3153.59	118.80	0.0	1.853e+04	117
		77	0.19	2	-2390.02	-5867.07	-4.789e+05	-2390.02	98.11	0.0	1.902e+04	120
98	ok	90	0.04	2	-2618.70	5680.68	-3.199e+05	-2618.70	68.91	0.0	6.207e+04	113
		89	0.05	2	-1897.61	-6827.32	-5.528e+05	-1897.61	104.19	0.0	6.074e+04	116
99	ok	95	0.04	2	-2233.22	5688.92	-6.766e+05	-2233.22	166.95	0.0	5.901e+04	118
		90	0.03	2	-1629.34	-4847.16	-2.579e+05	-1629.34	67.36	0.0	6.183e+04	119
100	ok	99	0.03	2	-1026.29	4659.48	-1.323e+05	-1026.29	30.48	0.0	6.299e+04	113
		95	0.06	2	-985.95	-8370.90	-7.620e+05	-985.95	117.81	0.0	6.018e+04	116
101	ok	32	0.41	2	4774.28	1.656e+04	-2.000e+06	4774.28	144.87	0.0	2.794e+04	113
		33	0.40	2	5935.79	-1.584e+04	-1.604e+06	5935.79	118.28	0.0	2.890e+04	116
104	ok	68	0.33	2	-6957.74	1.175e+04	-1.157e+06	-6957.74	113.97	0.0	2.885e+04	117
		69	0.33	2	-7343.09	-1.161e+04	-1.093e+06	-7343.09	107.95	0.0	2.928e+04	120
105	ok	34	0.41	2	4817.77	1.650e+04	-1.904e+06	4817.77	137.51	0.0	2.820e+04	125
		35	0.39	2	5898.95	-1.575e+04	-1.534e+06	5898.95	112.87	0.0	2.910e+04	128
106	ok	70	0.34	2	-7113.26	1.178e+04	-1.155e+06	-7113.26	113.30	0.0	2.892e+04	125
		71	0.33	2	-7387.52	-1.166e+04	-1.094e+06	-7387.52	107.50	0.0	2.931e+04	128
109	ok	65	0.06	2	626.14	7748.59	-5.710e+05	626.14	92.12	0.0	5.160e+04	122
		64	0.05	2	1823.43	-6374.11	-2.946e+05	1823.43	53.77	0.0	5.277e+04	123
110	ok	58	0.05	2	785.52	6479.22	-3.657e+05	785.52	68.97	0.0	5.231e+04	125
		65	0.06	2	2630.62	-7903.78	-6.377e+05	2630.62	102.91	0.0	5.128e+04	128
113	ok	98	0.04	2	-1353.35	6027.36	-4.500e+05	-1353.35	92.67	0.0	6.097e+04	122
		97	0.03	2	-1144.10	-4592.03	-1.637e+05	-1144.10	40.55	0.0	6.261e+04	123
129	ok	142	0.51	2	1573.85	-3.396e+04	2.131e+06	1573.85	72.00	0.0	7.230e+04	119

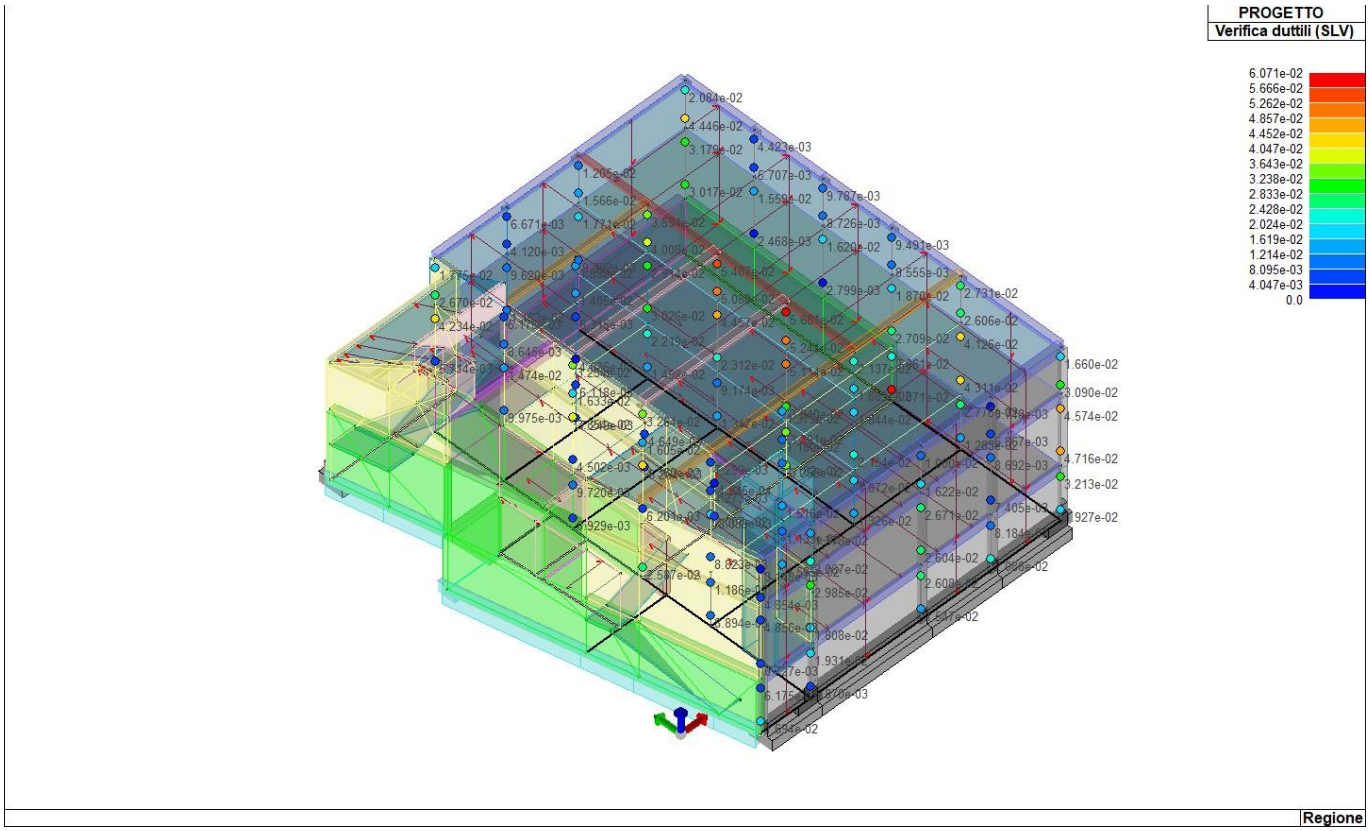
		153	0.61	2	2777.11	4.122e+04	3.869e+06	2777.11	112.33	0.0	6.985e+04	117
130	ok	153	0.43	2	582.51	-2.889e+04	3.879e+06	582.51	412.33	0.0	5.155e+04	115
		149	0.33	2	1424.78	2.187e+04	2.649e+06	1424.78	412.33	0.0	5.155e+04	113
131	ok	149	0.48	2	535.89	-3.215e+04	2.515e+06	535.89	95.44	0.0	7.088e+04	120
		103	0.24	2	695.32	1.629e+04	-6.728e+05	695.32	317.15	0.0	5.735e+04	131
132	ok	146	0.50	2	262.16	1.130e+04	-7.831e+05	262.16	86.47	0.0	2.294e+04	113
		5	0.47	2	184.48	-1.064e+04	-6.702e+05	184.48	77.28	0.0	2.355e+04	116
133	ok	150	0.51	2	173.33	1.164e+04	-1.068e+06	173.33	127.28	0.0	2.023e+04	113
		146	0.45	2	18.52	-1.026e+04	-7.754e+05	18.52	100.99	0.0	2.198e+04	116
134	ok	2	0.61	2	474.10	1.402e+04	-1.537e+06	474.10	133.87	0.0	1.980e+04	118
		150	0.71	2	438.97	-1.631e+04	-1.645e+06	438.97	125.95	0.0	2.032e+04	119
135	ok	1	0.08	2	684.20	1876.49	1.993e+04	684.20	134.44	0.0	1.976e+04	113
		2	0.39	2	870.91	-8827.72	-9.709e+05	870.91	146.46	0.0	1.896e+04	116
136	ok	147	0.49	2	279.25	1.121e+04	-7.838e+05	279.25	87.84	0.0	2.285e+04	113
		41	0.46	2	553.49	-1.042e+04	-6.350e+05	553.49	74.76	0.0	2.372e+04	116
137	ok	151	0.50	2	-297.81	1.147e+04	-1.010e+06	-297.81	120.71	0.0	2.071e+04	117
		147	0.45	2	478.82	-1.018e+04	-7.406e+05	478.82	96.23	0.0	2.229e+04	120
138	ok	36	0.62	2	-567.19	1.414e+04	-1.594e+06	-567.19	138.53	0.0	1.955e+04	118
		151	0.71	2	1077.96	-1.613e+04	-1.601e+06	1077.96	123.51	0.0	2.048e+04	119
139	ok	37	0.24	2	761.02	5504.22	-1.659e+05	761.02	36.26	0.0	2.628e+04	113
		36	0.47	2	1597.70	-1.072e+04	-9.286e+05	1597.70	122.34	0.0	2.056e+04	116
140	ok	148	0.19	2	-1529.17	4335.03	-3.056e+05	-1529.17	88.37	0.0	1.990e+04	113
		76	0.17	2	-1644.33	-3901.23	-2.230e+05	-1644.33	69.56	0.0	2.098e+04	116
141	ok	152	0.19	2	-1115.06	4341.07	-3.673e+05	-1115.06	114.17	0.0	1.843e+04	117
		148	0.17	2	-1458.95	-3943.80	-2.839e+05	-1458.95	94.30	0.0	1.956e+04	120
142	ok	72	0.21	2	-2897.89	4710.56	-5.891e+05	-2897.89	148.92	0.0	1.678e+04	114
		152	0.26	2	-3189.16	-5964.11	-5.568e+05	-3189.16	115.37	0.0	1.866e+04	115
143	ok	73	0.09	2	-382.64	2090.89	-7.295e+04	-382.64	44.47	0.0	2.205e+04	113
		72	0.17	2	-744.07	-3953.41	-3.364e+05	-744.07	121.79	0.0	1.797e+04	116
150	ok	5	0.37	2	2216.06	8339.72	-6.545e+05	2216.06	95.46	0.0	2.235e+04	129
		9	0.45	2	156.95	-1.018e+04	-1.167e+06	156.95	146.31	0.0	1.897e+04	132
151	ok	9	0.54	2	3230.30	1.241e+04	-1.011e+06	3230.30	104.71	0.0	2.173e+04	129
		112	0.44	2	-907.42	-9929.53	-5.392e+05	-907.42	66.18	0.0	2.451e+04	132
152	ok	41	0.38	2	-320.95	8627.31	-7.300e+05	-320.95	103.66	0.0	2.185e+04	129
		42	0.43	2	211.41	-9922.64	-1.089e+06	211.41	139.54	0.0	1.942e+04	132
153	ok	42	0.48	2	-633.61	1.103e+04	-8.527e+05	-633.61	103.28	0.0	2.193e+04	129
		113	0.51	2	260.76	-1.164e+04	-9.726e+05	260.76	113.50	0.0	2.115e+04	132
154	ok	76	0.06	2	-857.58	1366.71	-1.254e+05	-857.58	117.30	0.0	1.823e+04	129
		77	0.08	2	-1657.46	-1816.35	-2.509e+05	-1657.46	185.56	0.0	1.470e+04	132
155	ok	77	0.16	2	-117.21	3560.33	-1.853e+05	-117.21	64.24	0.0	2.090e+04	129
		114	0.21	2	-788.13	-4895.28	-4.525e+05	-788.13	124.64	0.0	1.783e+04	132
156	ok	113	0.54	2	433.65	1.238e+04	-1.044e+06	433.65	111.48	0.0	2.128e+04	129
		159	0.45	2	1780.23	-1.028e+04	-6.065e+05	1780.23	73.00	0.0	2.384e+04	132
157	ok	159	0.49	2	1859.53	1.111e+04	-7.710e+05	1859.53	88.63	0.0	2.280e+04	129
		161	0.50	2	2228.17	-1.145e+04	-8.373e+05	2228.17	94.11	0.0	2.244e+04	132
158	ok	161	0.53	2	2388.82	1.205e+04	-8.542e+05	2388.82	88.72	0.0	2.279e+04	129
		46	0.47	2	1819.56	-1.084e+04	-6.489e+05	1819.56	73.28	0.0	2.382e+04	132
159	ok	47	0.45	2	1693.86	1.029e+04	-1.134e+06	1693.86	138.79	0.0	1.947e+04	122
		46	0.38	2	2648.09	-8695.45	-6.467e+05	2648.09	88.35	0.0	2.282e+04	123
165	ok	111	0.34	2	860.74	-2.299e+04	1.818e+06	860.74	107.19	0.0	7.016e+04	135
		75	0.37	2	4677.46	2.486e+04	2.035e+06	4677.46	113.43	0.0	6.978e+04	134
166	ok	75	0.39	2	7059.21	-2.621e+04	2.024e+06	7059.21	101.24	0.0	7.052e+04	136
		38	0.38	2	6265.59	2.575e+04	1.909e+06	6265.59	98.48	0.0	7.069e+04	135
167	ok	38	0.46	2	4956.78	-3.080e+04	1.690e+06	4956.78	64.00	0.0	7.279e+04	136
		102	0.37	2	4956.78	2.499e+04	3.289e+05	4956.78	14.21	0.0	7.583e+04	136
170	ok	114	0.23	2	-1080.32	5348.01	-5.442e+05	-1080.32	138.37	0.0	1.714e+04	133
		163	0.14	2	-1467.21	-3151.06	-9.955e+04	-1467.21	36.36	0.0	2.298e+04	136
171	ok	163	0.19	2	-2319.28	4234.99	-2.580e+05	-2319.28	74.22	0.0	2.086e+04	129
		164	0.19	2	-2286.00	-4392.06	-2.925e+05	-2286.00	82.68	0.0	2.036e+04	132
172	ok	164	0.18	2	-2451.39	4212.92	-2.647e+05	-2451.39	77.25	0.0	2.071e+04	135
		81	0.19	2	-2212.07	-4273.41	-2.812e+05	-2212.07	82.07	0.0	2.038e+04	134
173	ok	157	0.25	2	2974.18	-2.467e+04	2.593e+06	2974.18	153.87	0.0	7.898e+04	124
		80	0.19	2	3462.58	1.886e+04	1.313e+06	3462.58	95.11	0.0	8.256e+04	134
174	ok	78	0.14	2	2148.39	-1.381e+04	4.874e+04	2148.39	3.86	0.0	8.813e+04	144
		157	0.26	2	2519.24	2.646e+04	2.594e+06	2519.24	129.81	0.0	8.044e+04	128
179	ok	158	0.39	2	464.59	8975.81	-6.165e+05	464.59	88.45	0.0	2.281e+04	122
		47	0.44	2	2474.42	-9995.67	-8.441e+05	2474.42	113.30	0.0	2.116e+04	123
180	ok	49	0.42	2	107.48	9619.67	-6.411e+05	107.48	82.56	0.0	2.320e+04	122
		158	0.42	2	2809.05	-9505.44	-5.960e+05	2809.05	76.54	0.0	2.360e+04	123
181	ok	160	0.14	2	-1846.14	3207.76	-1.968e+05	-1846.14	74.52	0.0	2.074e+04	122
		82	0.14	2	-878.84	-3213.07	-2.077e+05	-878.84	79.28	0.0	2.027e+04	123
182	ok	84	0.14	2	-1825.61	3297.61	-2.107e+05	-1825.61	77.68	0.0	2.055e+04	125
		160	0.14	2	-679.85	-3247.61	-1.838e+05	-679.85	67.50	0.0	2.087e+04	128
183	ok	72	0.01	2	-535.37	-113.41	2.345e+04	-535.37	123.10	0.0	5725.51	132
		83	0.03	2	-535.37	-367.41	-2.540e+04	-535.37	80.10	0.0	8377.62	132
184	ok	79	0.02	2	2742.16	247.68	-1.326e+04	2742.16	63.92	0.0	9314.55	137
		95	4.98e-03	2	1918.28	-52.46	4984.50	1918.28	140.45	0.0	5573.95	140

185	ok	145	5.64e-03	2	3024.85	-852.16	1.021e+05	3024.85	94.36	0.0	6.061e+04	142
		50	0.01	2	3024.85	-1539.78	-6.654e+04	3024.85	46.69	0.0	6.185e+04	142
186	ok	58	0.01	2	-439.07	1692.13	-1.499e+05	-439.07	80.11	0.0	6.110e+04	137
		145	6.65e-03	2	-439.07	1004.51	9.313e+04	-439.07	60.94	0.0	6.164e+04	137
189	ok	100	0.32	2	-1577.33	-2.130e+04	6.215e+05	-1577.33	32.20	0.0	7.697e+04	116
		142	0.24	2	-884.85	1.628e+04	-1.586e+05	-884.85	276.51	0.0	5.998e+04	117
190	ok	101	0.06	2	4759.66	-1.849e+04	1.684e+06	4759.66	127.37	0.0	1.492e+05	117
		165	0.05	2	4759.66	1.602e+04	1.048e+06	4759.66	87.79	0.0	1.509e+05	117
191	ok	165	0.03	2	151.79	-1.128e+04	1.043e+06	151.79	204.43	0.0	1.459e+05	141
		100	0.02	2	416.27	8085.84	6.998e+05	416.27	204.43	0.0	1.459e+05	117
192	ok	87	0.06	2	-2740.63	582.76	-9.817e+04	-2740.63	150.00	0.0	5716.20	118
		173	0.04	2	-2740.63	395.26	-2.482e+04	-2740.63	150.00	0.0	5716.20	118
193	ok	173	0.15	2	-469.03	1584.74	-5.649e+04	-469.03	40.42	0.0	1.085e+04	122
		91	0.22	2	-813.26	-2313.21	-2.265e+05	-813.26	127.03	0.0	5625.44	123
194	ok	179	0.15	2	3079.94	1614.20	2.307e+05	3079.94	526.01	0.0	5573.95	126
		92	0.24	2	3173.11	-2527.53	3.082e+04	3173.11	526.01	0.0	5573.95	127
195	ok	96	0.49	2	-1507.15	5161.79	-3.963e+05	-1507.15	77.51	0.0	8636.77	134
		179	0.47	2	-1507.15	4974.30	3.638e+05	-1507.15	72.48	0.0	8955.53	134

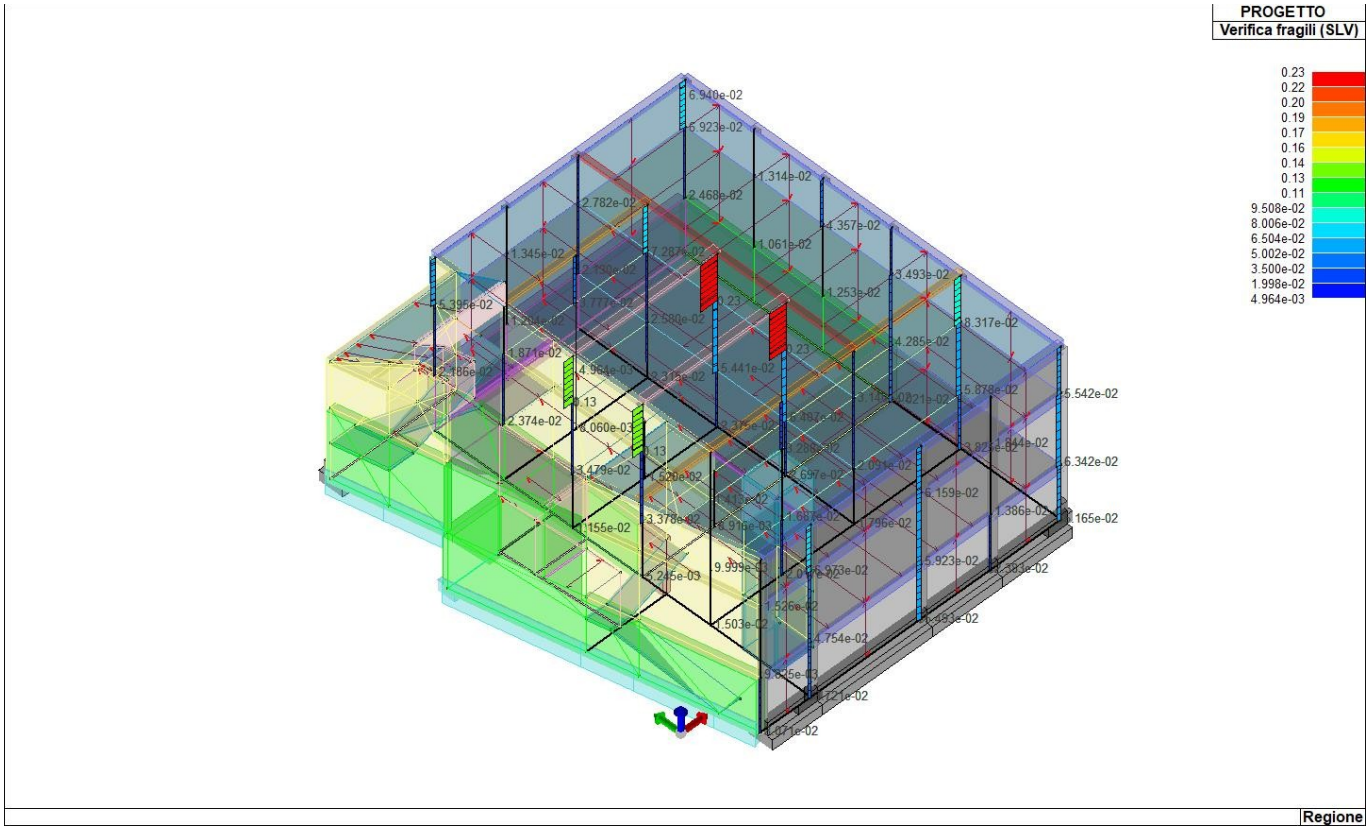
Trave	**Ver. VC**
	0.71



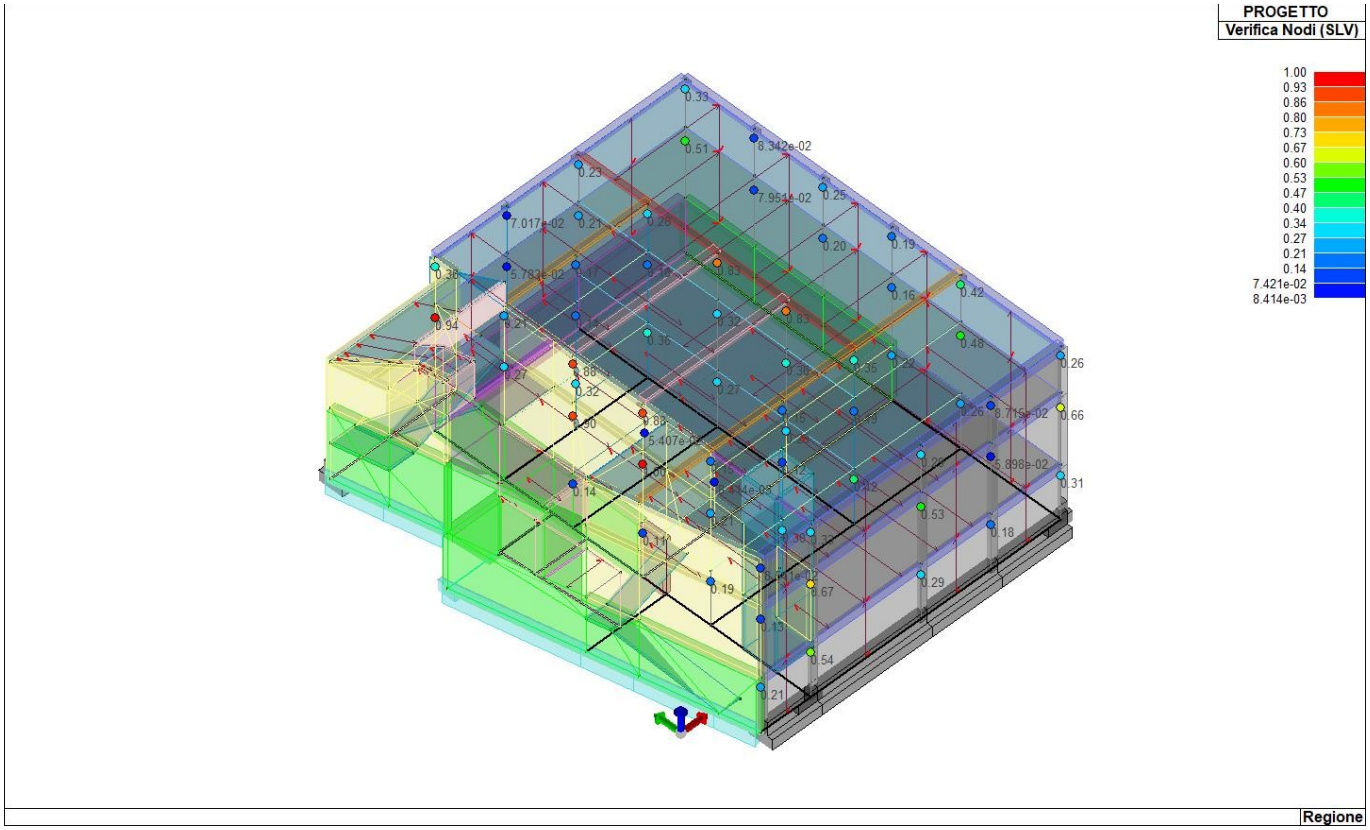
61_CA_PILa_01_Stato delle verifiche



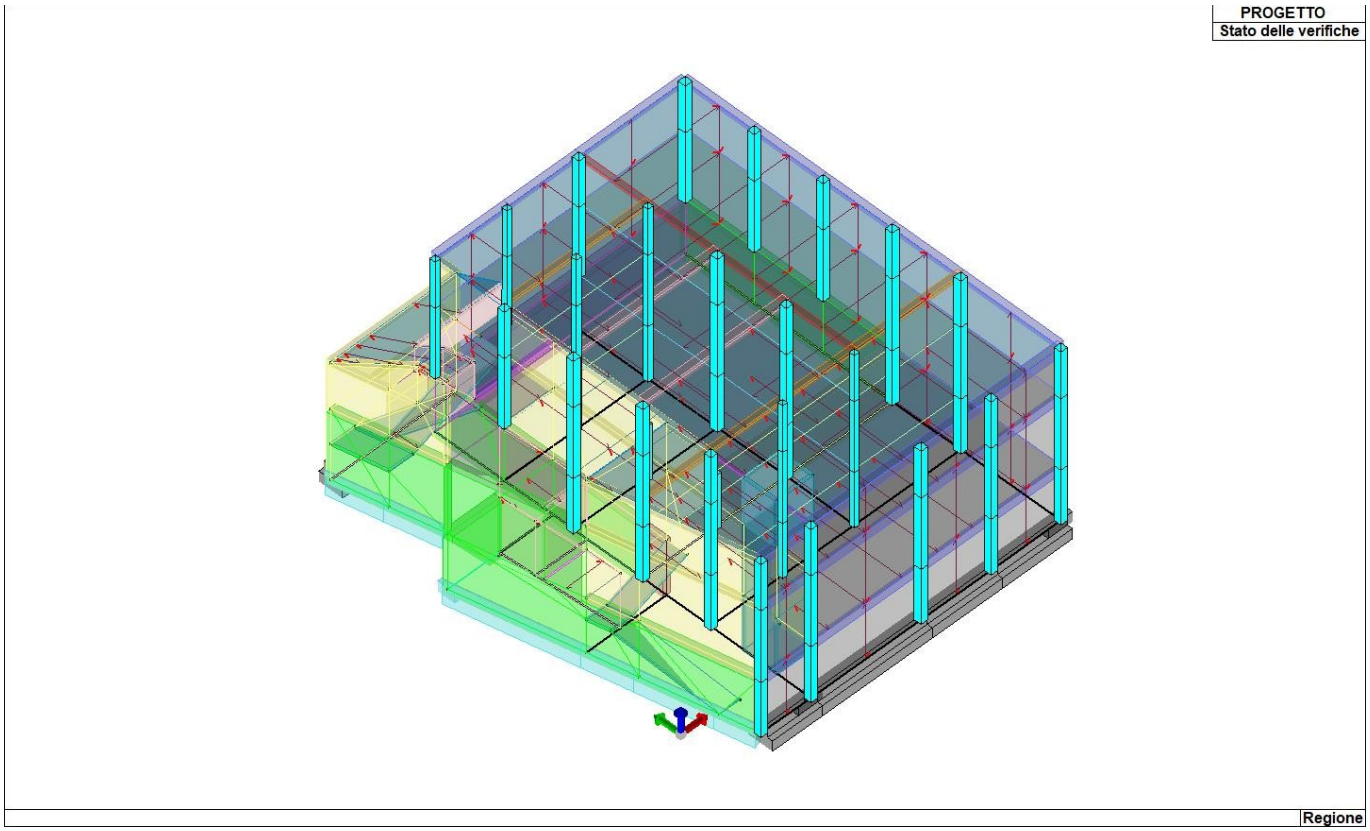
61_CA_PILa_20_Verifica duttili SLV



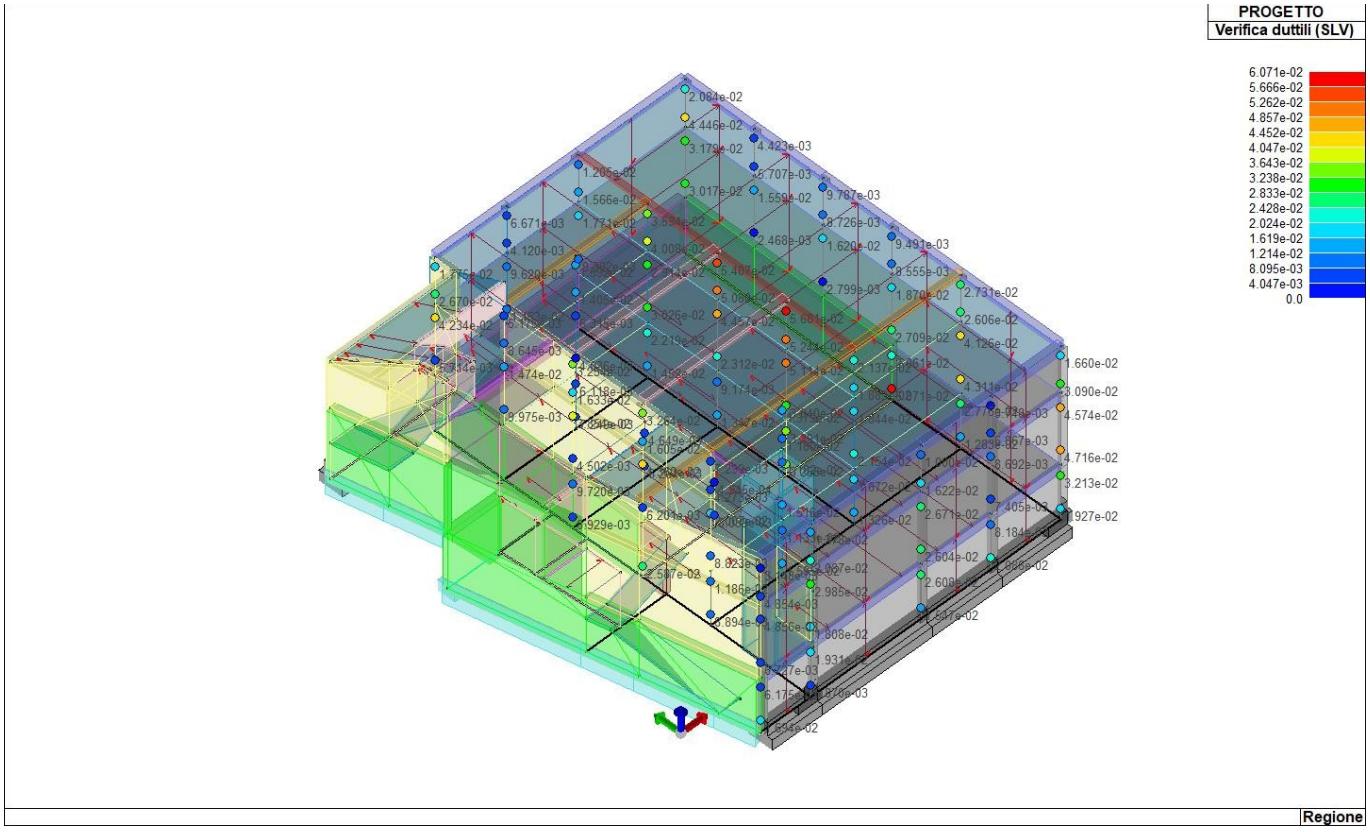
61_CA_PILa_21_Verifica fragili SLV



61_CA_PILa_23_Verifica Nodi SLV



61_CA_PILb_01_Stato delle verifiche



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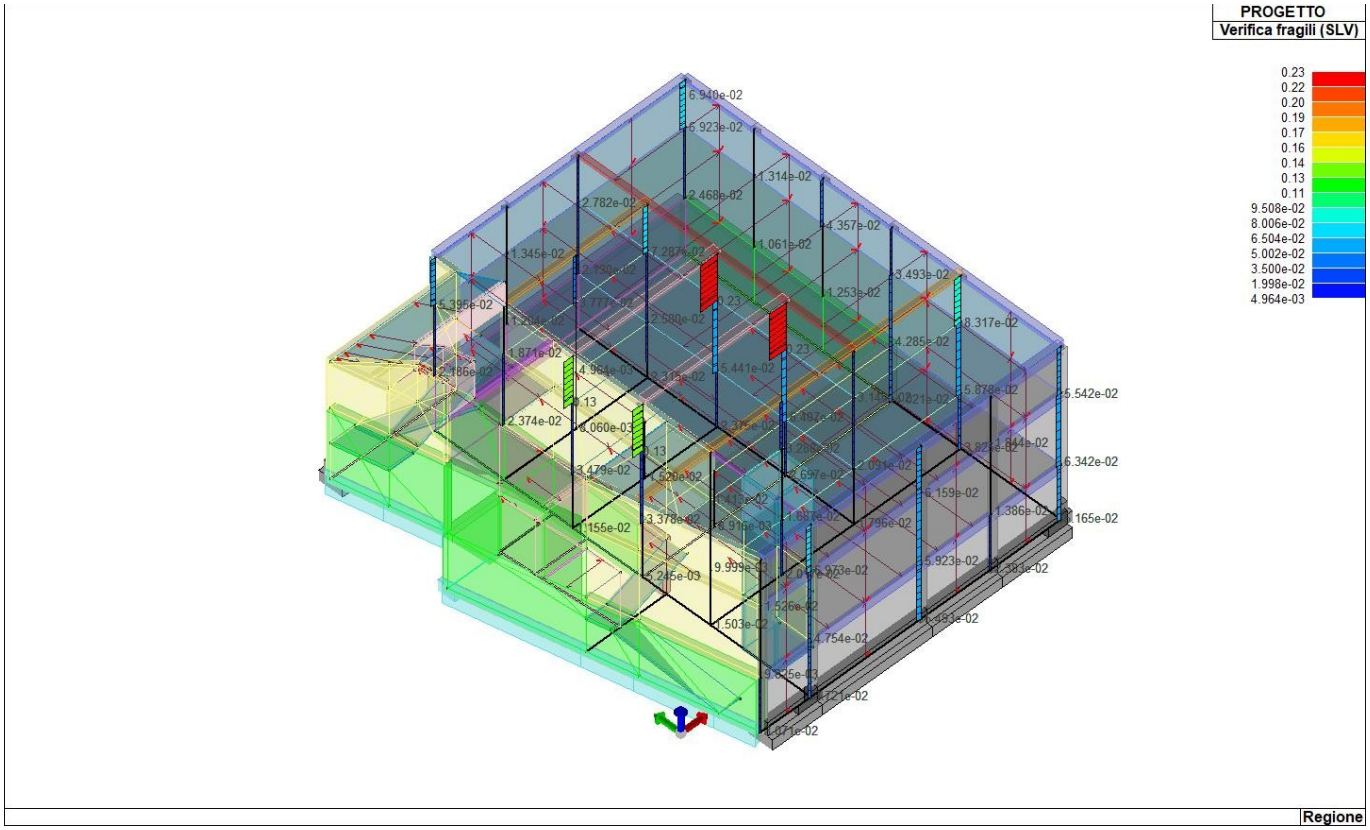
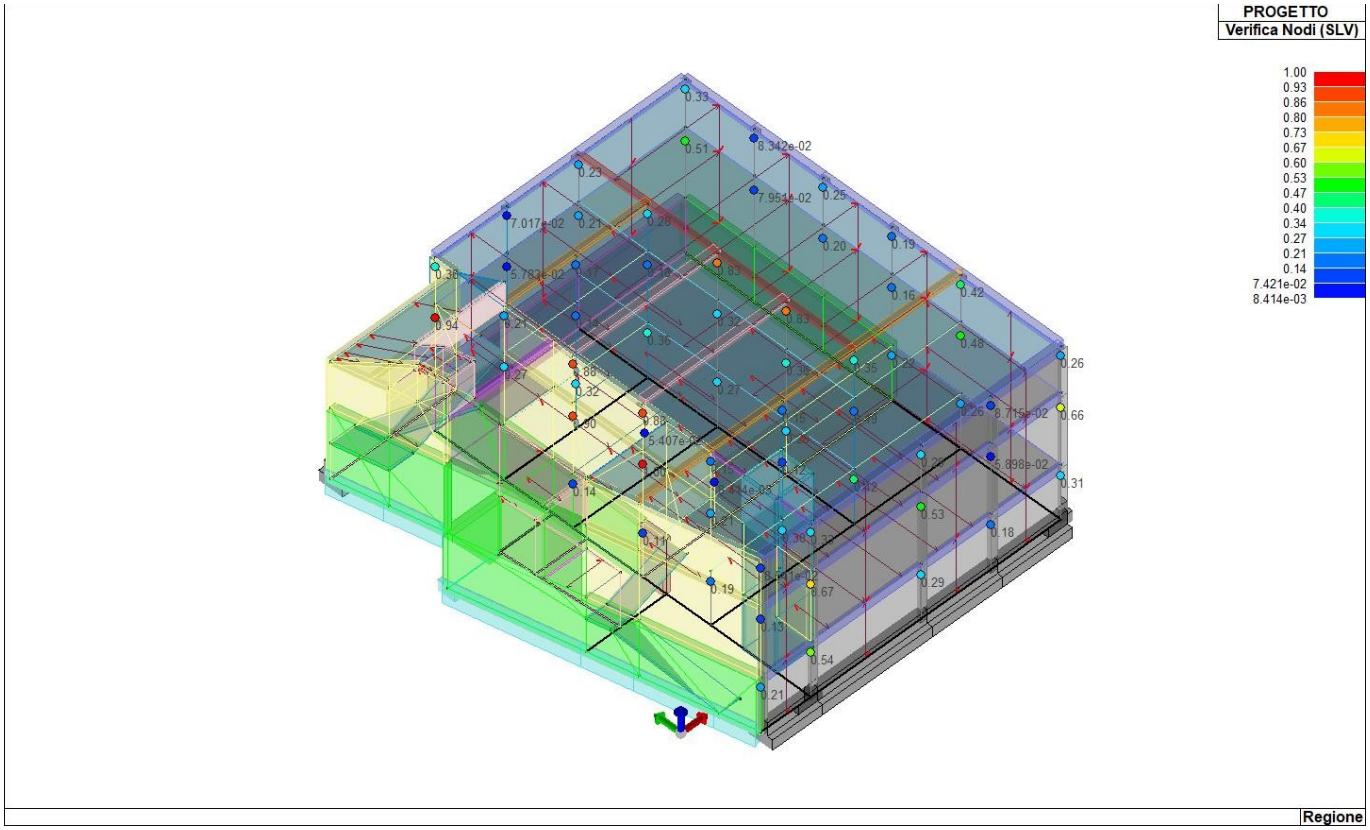
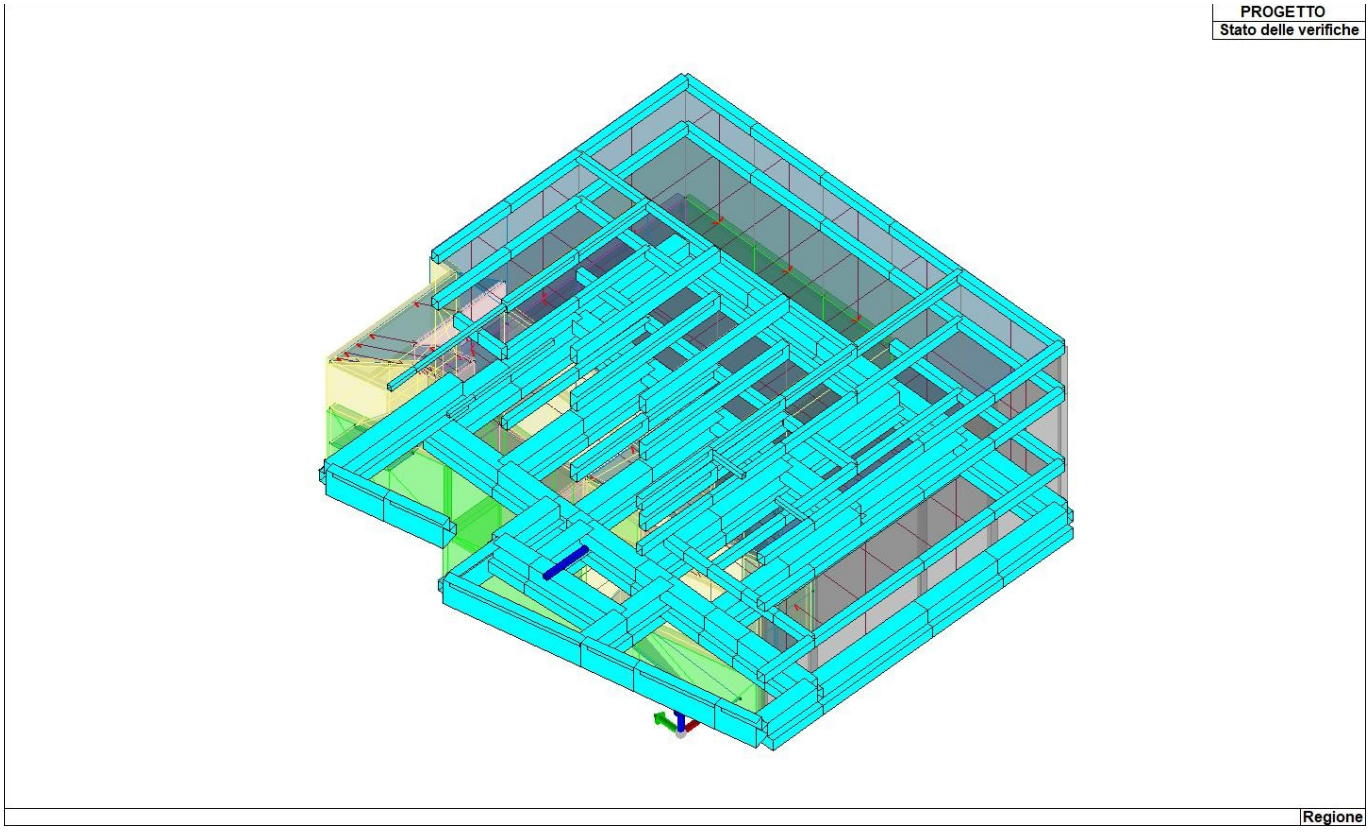


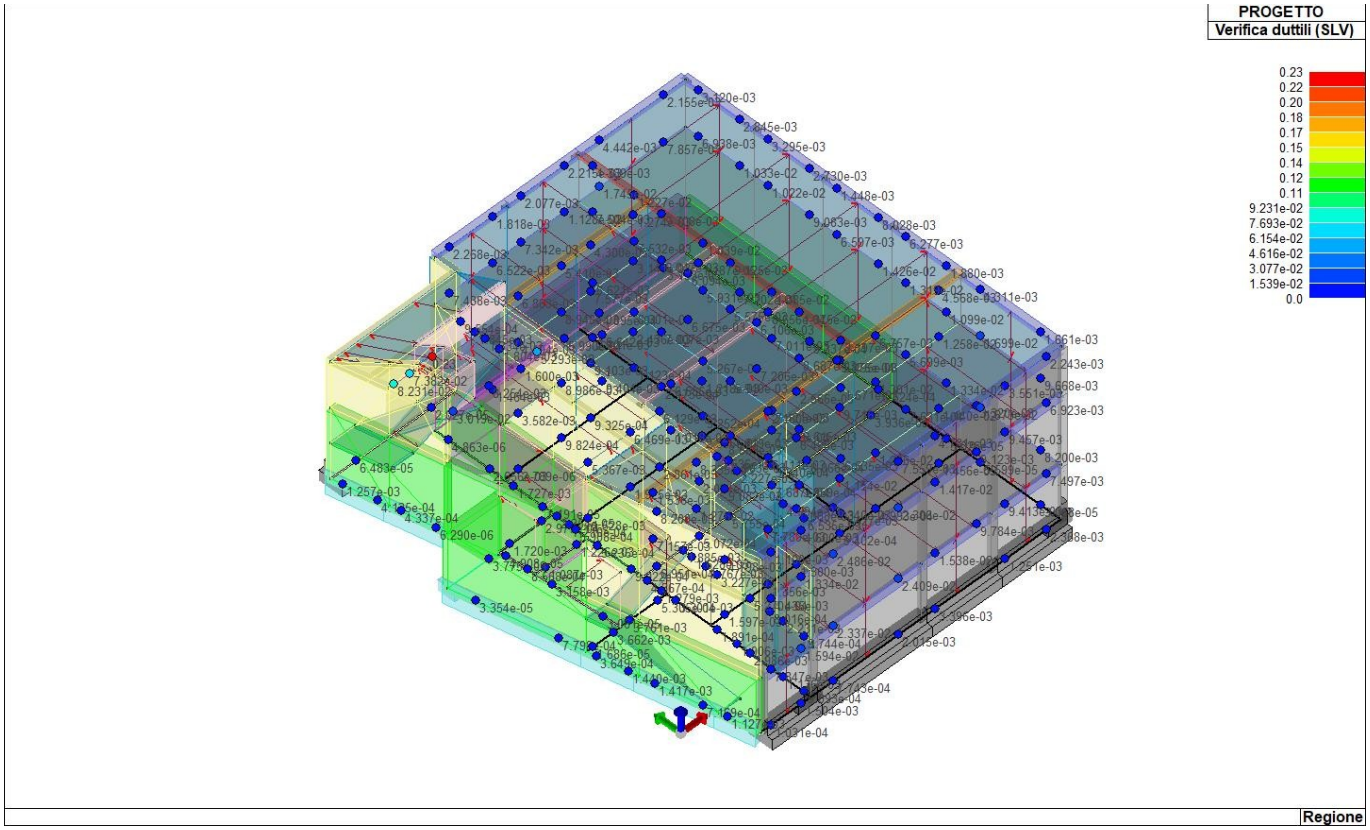
61_CA_PILb_16_Verifica fragili SLV



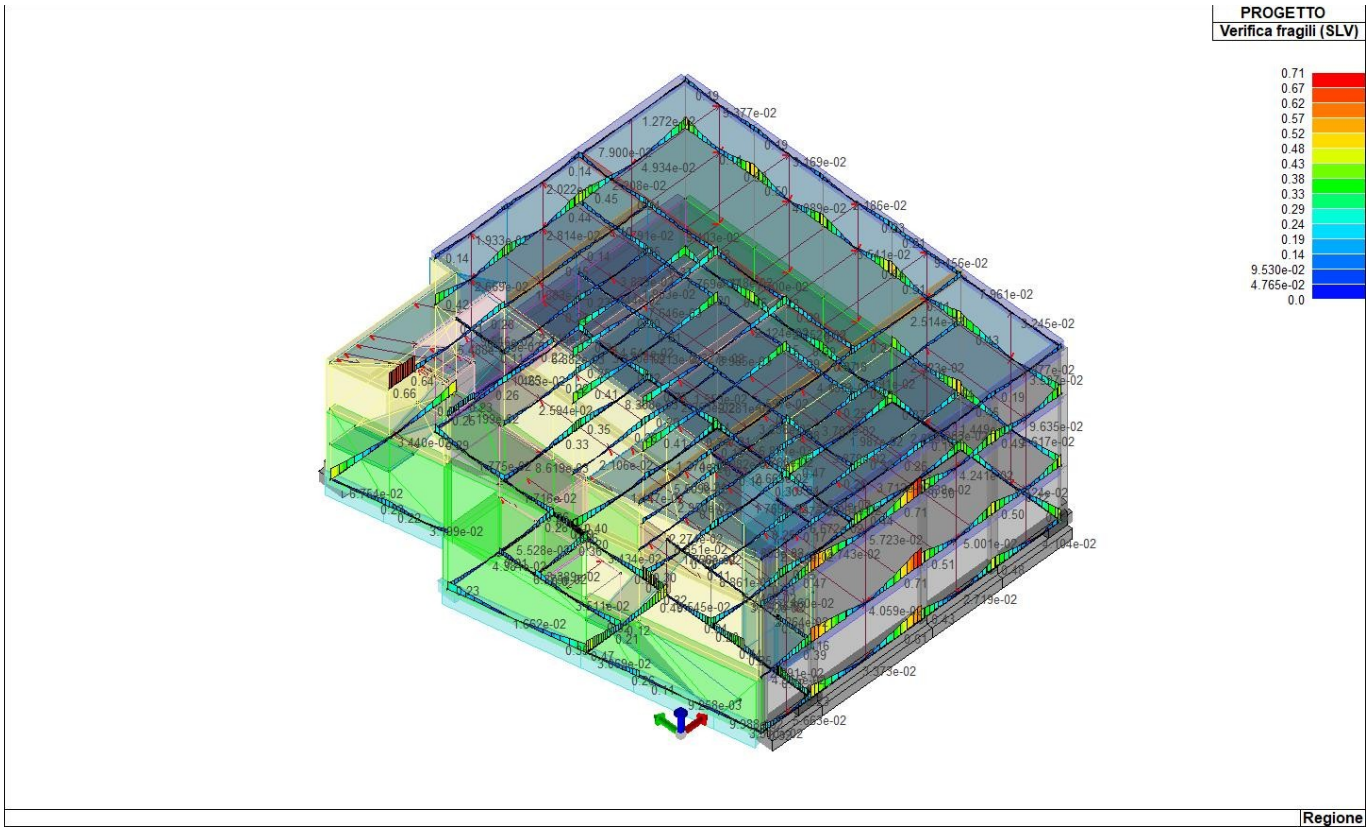
61_CA_PILb_17_Verifica Nodi SLV



61_CA_TRVa_01_Stato delle verifiche



61_CA_TRVa_14_Verifica duttili SLV



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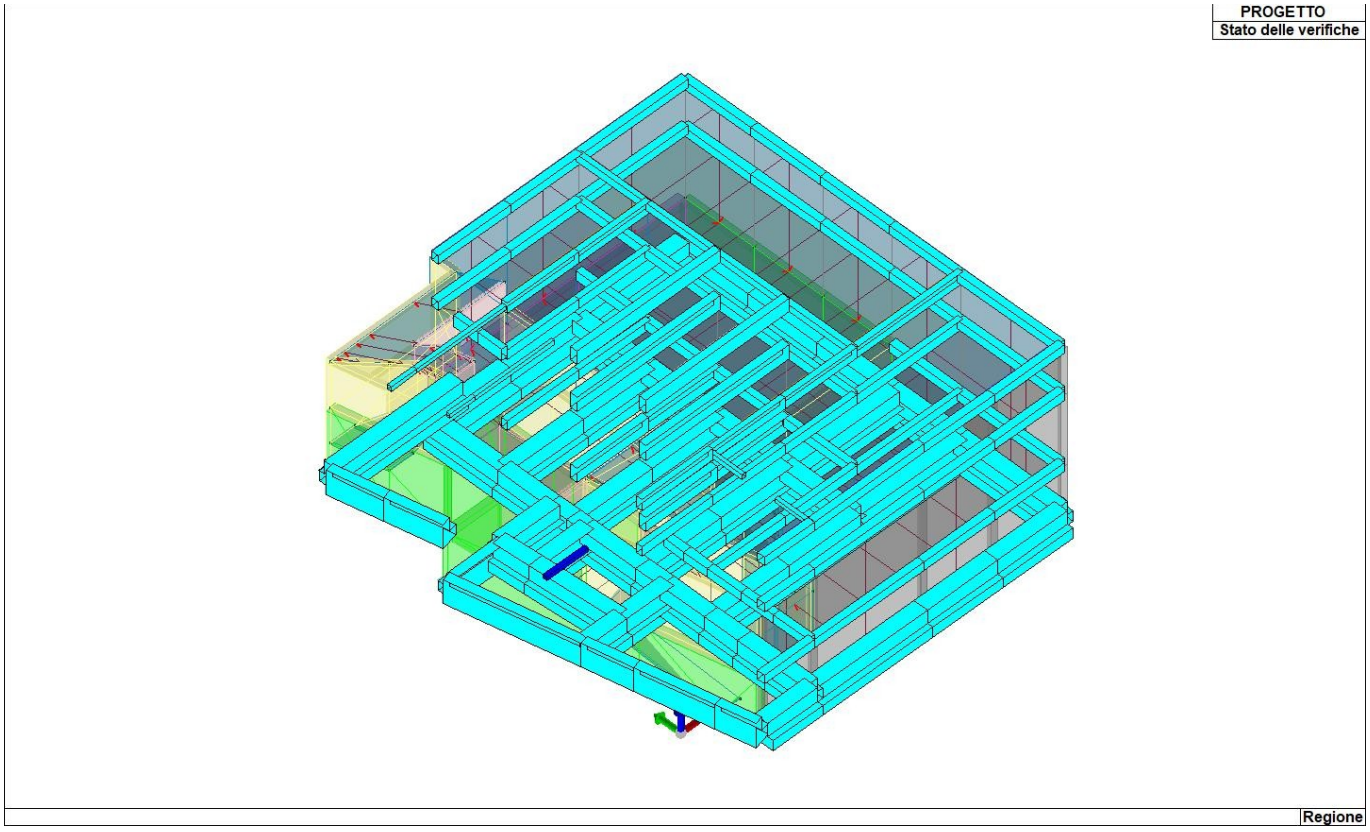
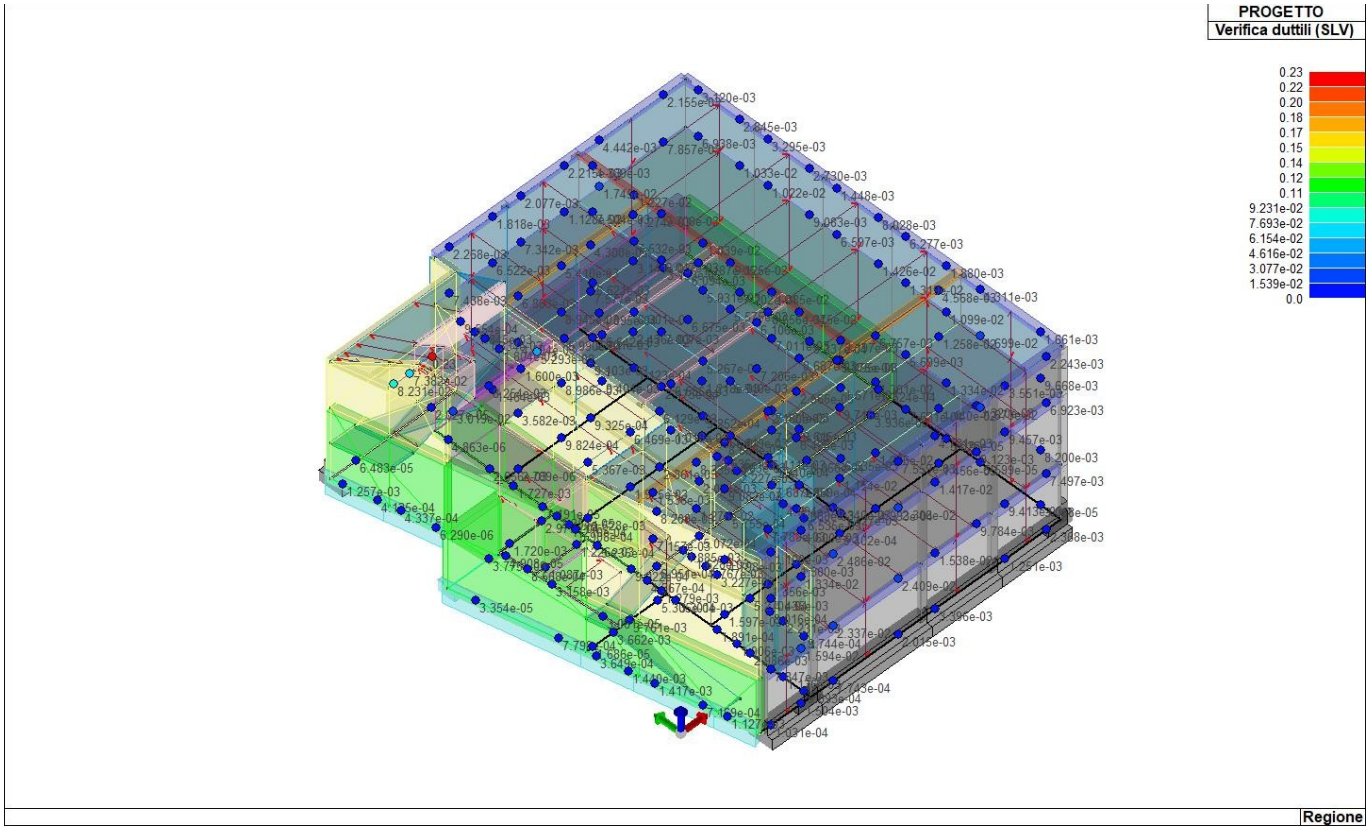
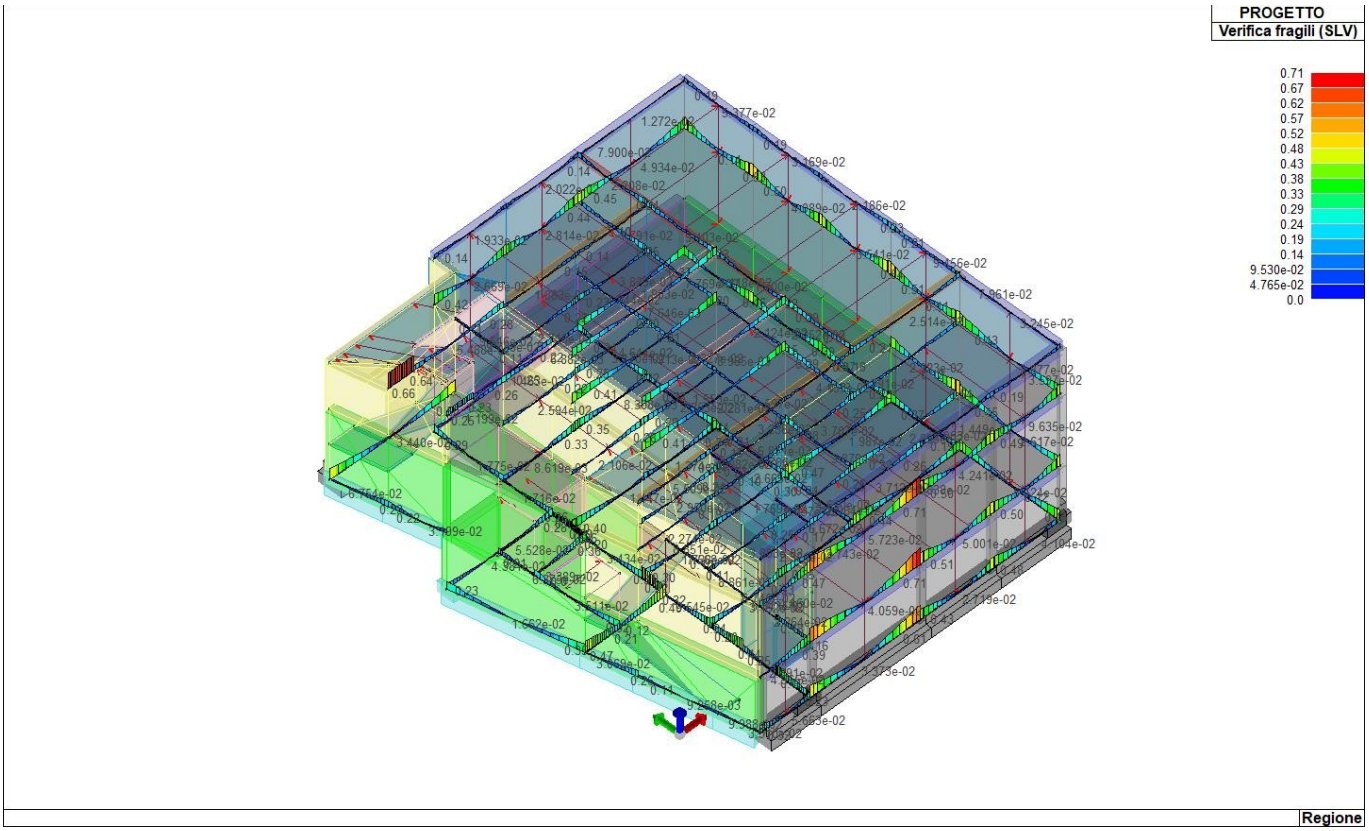


61_CA_TRVp_01_Stato delle verifiche



61_CA_TRVp_10_Verifica duttili SLV



61_CA_TRVp_11_Verifica fragili SLV

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

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

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

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

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

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

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

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

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

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

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione 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** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria

V sec-	Verifica dell'armatura nella direzione secondaria

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

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

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

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

Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

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

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

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

PROGETTAZIONE DELLE FONDAZIONI

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

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

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

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando la componente sismica delle combinazioni di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche di pali, plinti, plinti su pali, travi e platee vengono effettuate dal modulo geotecnico incrementando automaticamente la componente sismica delle azioni di un fattore 1.1 in CDB e 1.3 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
27	ok	0.09	1.97e-02	7.81e-03	3.1	3.1	3.1	3.1	-18.5	-5.1	-10.9	-13.8	-1.5	-3.7
48	ok	0.09	1.69e-02	6.63e-03	3.1	3.1	3.1	3.1	-14.0	-1.1	10.9	-17.3	-19.9	-12.8
94	ok	0.09	7.81e-02	1.88e-02	3.1	3.1	3.1	3.1	-22.1	7.4	-1.0	-51.6	-171.9	18.3
108	ok	0.09	3.81e-02	1.03e-02	3.1	3.1	3.1	3.1	7.1	1.6	6.2	9.8	64.8	-19.4
135	ok	0.09	4.84e-02	5.34e-03	3.1	3.1	3.1	3.1	1.0	1.9	16.7	-58.7	-4.6	38.2
136	ok	0.09	6.64e-02	7.57e-03	3.1	3.1	3.1	3.1	-9.7	-4.2	-16.7	-124.2	-61.1	-38.8
139	ok	0.09	7.11e-02	8.78e-03	3.1	3.1	3.1	3.1	-26.7	-2.8	-5.0	104.2	54.5	-31.6
140	ok	0.09	7.47e-02	6.13e-03	3.1	3.1	3.1	3.1	-10.0	4.0	8.8	118.1	-66.3	44.9

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
								-26.66	-5.10	-16.69	-124.22	-171.86	-38.85
	0.09	0.08	0.02	3.14	3.14	3.14	3.14	7.05	7.37	16.73	118.12	64.76	44.95

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
27	ok	0.05						
48	ok	0.05						
94	ok	0.05						
108	ok	0.05						
135	ok	0.05						
136	ok	0.05						
139	ok	0.05						
140	ok	0.05						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.05						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
10	ok	0.09	0.2	6.57e-03	3.1	3.1	3.1	3.1	-14.6	5.2	10.6	-106.6	-529.0	-38.7
27	ok	0.09	1.38e-02	2.66e-03	3.1	3.1	3.1	3.1	-4.9	-8.2	0.2	17.2	12.4	12.9
83	ok	0.09	7.67e-02	1.07e-02	3.1	3.1	3.1	3.1	-33.6	2.4	-1.4	197.3	35.7	3.1
94	ok	0.09	9.35e-02	2.06e-02	3.1	3.1	3.1	3.1	-59.2	-4.4	-18.5	37.9	218.4	11.0
135	ok	0.09	9.97e-02	6.42e-03	3.1	3.1	3.1	3.1	127.7	18.1	75.3	-58.3	-90.6	-13.9
137	ok	0.09	0.1	7.78e-02	3.1	3.1	3.1	3.1	-164.1	10.5	5.2	-50.6	-258.4	24.6
139	ok	0.09	8.12e-02	4.39e-02	3.1	3.1	3.1	3.1	-45.5	-44.9	-93.0	27.4	-4.4	-6.9
144	ok	0.09	0.1	0.1	3.1	3.1	3.1	3.1	-326.9	-82.0	-168.9	29.9	133.9	74.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
								-326.95	-82.02	-168.89	-106.61	-529.02	-38.73
	0.09	0.24	0.13	3.14	3.14	3.14	3.14	127.68	18.07	75.27	197.33	218.45	74.57

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	0.13
27	ok	0.06
83	ok	0.06
94	ok	0.13
135	ok	0.07
137	ok	0.13
139	ok	0.13
144	ok	0.07

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.13						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
7	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
48	ok	0.09	2.25e-02	6.91e-03	3.1	3.1	3.1	3.1	-10.8	-6.4	-13.0	-53.0	23.3	4.3
60	ok	0.09	0.1	2.75e-02	3.1	3.1	3.1	3.1	-86.4	-11.1	-3.7	28.9	149.8	22.7
79	ok	0.09	3.33e-02	1.16e-02	3.1	3.1	3.1	3.1	-32.5	8.9	13.7	-38.1	-37.8	38.6
108	ok	0.09	4.72e-02	6.77e-03	3.1	3.1	3.1	3.1	5.4	2.4	-21.2	76.5	46.8	-32.9
134	ok	0.09	0.2	0.2	3.1	3.1	3.1	3.1	-431.5	-57.1	-141.9	-229.8	-171.6	-14.6
136	ok	0.09	0.5	5.69e-03	3.1	3.1	3.1	3.1	189.4	12.7	79.8	106.6	119.9	29.9
138	ok	0.09	0.2	4.34e-02	3.1	3.1	3.1	3.1	-99.1	28.4	78.9	222.6	362.9	-4.6
140	ok	0.09	0.1	4.96e-02	3.1	3.1	3.1	3.1	-75.0	-37.9	-98.2	-106.2	-165.3	52.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
								-431.50	-57.13	-141.91	-229.85	-171.60	-32.92
	0.09	0.50	0.15	3.14	3.14	3.14	3.14	189.41	28.43	79.76	222.58	362.88	52.81

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
48	ok	0.06						
60	ok	0.09						
79	ok	0.06						
108	ok	0.09						
134	ok	0.06						
136	ok	0.06						
138	ok	0.09						
140	ok	0.09						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.09						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
8	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
10	ok	0.09	0.2	4.63e-03	3.1	3.1	3.1	3.1	-10.5	65.9	-0.2	67.1	321.9	-18.9
60	ok	0.09	9.45e-02	3.02e-02	3.1	3.1	3.1	3.1	-78.9	19.5	21.5	24.4	153.2	92.2
79	ok	0.09	1.60e-02	2.55e-03	3.1	3.1	3.1	3.1	-1.1	6.6	-10.1	-15.8	-4.5	-22.0
83	ok	0.09	3.39e-02	1.43e-02	3.1	3.1	3.1	3.1	-17.2	-32.1	-18.5	-25.9	-10.9	9.9
134	ok	0.09	0.2	0.2	3.1	3.1	3.1	3.1	-345.8	-101.9	-286.7	-51.2	-77.4	-82.3
137	ok	0.09	0.2	0.2	3.1	3.1	3.1	3.1	-174.4	-52.6	-45.3	77.6	287.6	38.8
138	ok	0.09	0.1	6.75e-02	3.1	3.1	3.1	3.1	-126.6	-1.0	134.9	114.7	134.4	-4.3
144	ok	0.09	0.1	8.58e-02	3.1	3.1	3.1	3.1	-147.0	2.8	183.6	-75.7	-73.3	111.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
								-345.79	-101.88	-286.73	-75.65	-77.38	-82.29
	0.09	0.19	0.17	3.14	3.14	3.14	3.14	-1.06	65.92	183.59	114.72	321.94	111.66

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	0.10
60	ok	0.10
79	ok	0.10
83	ok	0.10
134	ok	0.07
137	ok	0.07
138	ok	0.07
144	ok	0.07

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.10						

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

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
12	ok	0.14	0.1	3.29e-02	7.7	7.7	7.7	7.7	-107.7	-9.2	21.3	757.1	36.5	1.3
115	ok	0.14	0.3	5.91e-03	7.7	7.7	7.7	7.7	154.2	22.8	-46.1	1089.0	51.0	7.3
117	ok	0.14	0.2	1.76e-02	7.7	7.7	7.7	7.7	-47.8	-27.4	21.4	-875.0	-103.1	32.0
118	ok	0.14	9.95e-02	4.21e-03	7.7	7.7	7.7	7.7	67.1	0.2	-35.0	-436.6	-57.0	-53.1

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
								-107.66	-27.43	-46.12	-875.04	-103.10	-53.09
	0.14	0.28	0.03	7.70	7.70	7.70	7.70	154.18	22.80	21.37	1089.02	50.96	32.01

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
12	ok	0.19						
115	ok	0.19						
117	ok	0.19						
118	ok	0.19						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.19						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
116	ok	0.14	8.76e-02	2.91e-03	7.7	7.7	7.7	7.7	86.7	7.6	-40.0	-200.5	-166.3	-144.6
117	ok	0.14	0.2	1.81e-02	7.7	7.7	7.7	7.7	-34.3	-13.7	-31.7	-570.5	-552.7	-400.2
118	ok	0.14	0.1	1.51e-03	7.7	7.7	7.7	7.7	86.1	11.3	39.0	-304.6	274.9	-173.2
119	ok	0.14	9.19e-02	1.97e-02	7.7	7.7	7.7	7.7	-22.4	21.7	29.7	465.0	207.1	36.7

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
								-34.26	-13.72	-40.00	-570.49	-552.70	-400.20
	0.14	0.18	0.02	7.70	7.70	7.70	7.70	86.75	21.70	39.00	465.01	274.86	36.73

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
116	ok	0.33						
117	ok	0.33						
118	ok	0.33						
119	ok	0.33						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.33						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
4	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
134	ok	0.14	5.27e-02	7.59e-03	7.7	7.7	7.7	7.7	37.1	-18.8	-13.3	203.6	-29.4	117.5
135	ok	0.14	5.13e-02	6.27e-03	7.7	7.7	7.7	7.7	16.4	-16.7	-14.2	-246.6	1.9	-44.7
136	ok	0.14	5.67e-02	4.28e-04	7.7	7.7	7.7	7.7	10.8	13.2	9.9	-273.7	3.5	30.3
144	ok	0.14	4.77e-02	8.13e-03	7.7	7.7	7.7	7.7	-27.9	32.3	5.5	228.9	-34.5	-77.1

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
								-27.94	-18.80	-14.23	-273.68	-34.52	-77.06
	0.14	0.06	8.13e-03	7.70	7.70	7.70	7.70	37.12	32.28	9.90	228.94	3.50	117.45

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
134	ok	0.20						
135	ok	0.20						
136	ok	0.20						
144	ok	0.20						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.20						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
9	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
27	ok	0.14	8.21e-03	2.28e-03	7.7	7.7	7.7	7.7	4.9	2.5	-7.5	19.7	-24.6	-29.6
48	ok	0.14	1.15e-02	3.88e-03	7.7	7.7	7.7	7.7	11.6	-8.3	11.2	41.5	43.2	14.2
79	ok	0.14	1.57e-02	2.61e-03	7.7	7.7	7.7	7.7	2.3	30.5	-21.3	-19.3	-21.6	-59.2
83	ok	0.14	2.90e-02	3.99e-03	7.7	7.7	7.7	7.7	3.4	14.3	21.8	16.8	125.5	42.9

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
								2.35	-8.28	-21.35	-19.31	-24.58	-59.21
	0.14	0.03	3.99e-03	7.70	7.70	7.70	7.70	11.64	30.53	21.83	41.50	125.51	42.94

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
27	ok	0.02						
48	ok	0.02						
79	ok	0.02						
83	ok	0.02						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.02						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
10	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
15	ok	0.14	0.1	2.00e-02	7.7	7.7	7.7	7.7	-32.9	3.0	-37.5	200.2	-578.1	122.6
39	ok	0.14	7.89e-02	3.02e-02	7.7	7.7	7.7	7.7	-89.5	-5.6	-13.2	-192.5	-317.7	138.6
121	ok	0.14	7.23e-02	1.31e-02	7.7	7.7	7.7	7.7	-41.1	-2.4	12.1	214.0	359.9	24.8
132	ok	0.14	9.42e-02	1.09e-02	7.7	7.7	7.7	7.7	-17.4	6.3	28.5	-209.6	469.8	-5.9

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
								-89.55	-5.57	-37.53	-209.63	-578.07	-5.91
	0.14	0.12	0.03	7.70	7.70	7.70	7.70	-17.41	6.28	28.49	213.97	469.83	138.60

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	0.18						
39	ok	0.18						
121	ok	0.18						
132	ok	0.18						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.18						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
39	ok	0.14	0.1	2.58e-02	7.7	7.7	7.7	7.7	-57.0	-3.5	13.3	-470.7	-565.1	-234.0
123	ok	0.14	8.53e-02	3.37e-03	7.7	7.7	7.7	7.7	164.8	-5.5	-20.2	-52.0	391.2	69.5
125	ok	0.14	0.1	1.36e-03	7.7	7.7	7.7	7.7	-1.2	2.5	-2.8	-541.5	-112.4	-265.3
126	ok	0.14	0.1	0.0	7.7	7.7	7.7	7.7	122.9	21.1	11.0	-423.5	-149.5	99.4
127	ok	0.14	0.1	1.76e-02	7.7	7.7	7.7	7.7	-6.65e-02	22.9	13.0	601.7	234.5	66.2
132	ok	0.14	0.3	8.11e-03	7.7	7.7	7.7	7.7	20.4	4.2	38.9	1126.3	628.6	232.9

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
								-56.96	-5.51	-20.21	-541.49	-565.08	-265.29
	0.14	0.26	0.03	7.70	7.70	7.70	7.70	164.85	22.92	38.89	1126.32	628.62	232.91

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
39	ok	0.31						
123	ok	0.27						
125	ok	0.31						
126	ok	0.27						
127	ok	0.31						
132	ok	0.31						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.31						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
39	ok	0.14	4.16e-02	1.92e-02	7.7	7.7	7.7	7.7	-31.9	-10.5	-28.4	-151.1	-36.5	38.8
58	ok	0.14	0.1	3.17e-03	7.7	7.7	7.7	7.7	113.9	17.8	-43.9	439.7	92.7	-24.4
123	ok	0.14	3.94e-02	4.81e-03	7.7	7.7	7.7	7.7	132.2	-8.0	32.0	-121.0	-74.8	69.2
145	ok	0.14	5.00e-02	1.75e-02	7.7	7.7	7.7	7.7	-10.4	11.5	45.0	253.2	1.1	12.5

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
								-31.93	-10.48	-43.91	-151.15	-74.80	-24.43
	0.14	0.11	0.02	7.70	7.70	7.70	7.70	132.21	17.84	44.97	439.74	92.71	69.21

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
39	ok	0.11						
58	ok	0.0						
123	ok	0.11						
145	ok	0.11						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.11						

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot	Asw,min	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb

							cm2	cm2				
58	ok	0.48	0.12	1.60	0.0	0.0	0.0	0.0	0	0	0	3

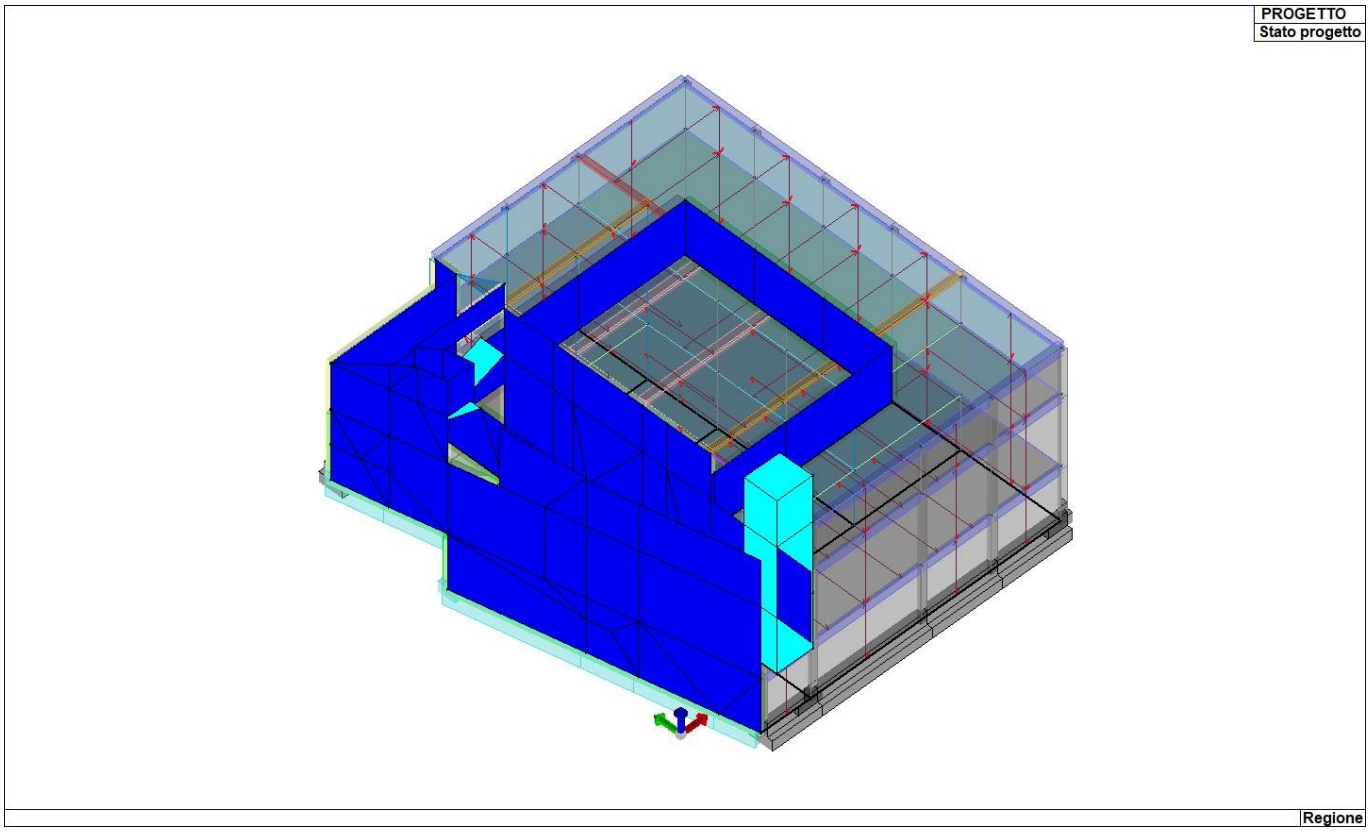
Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
19	20.00	3	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
117	ok	0.14	6.05e-02	8.19e-03	7.7	7.7	7.7	7.7	4.6	-14.2	-21.3	-104.9	-272.0	78.7
119	ok	0.14	0.1	2.09e-02	7.7	7.7	7.7	7.7	-6.0	-62.0	27.4	-471.1	-276.5	-160.1
120	ok	0.14	8.65e-02	8.70e-04	7.7	7.7	7.7	7.7	-1.9	77.3	1.9	103.6	241.3	-221.6
165	ok	0.14	0.2	4.38e-02	7.7	7.7	7.7	7.7	1.72e-02	-153.5	4.1	824.0	411.6	279.6

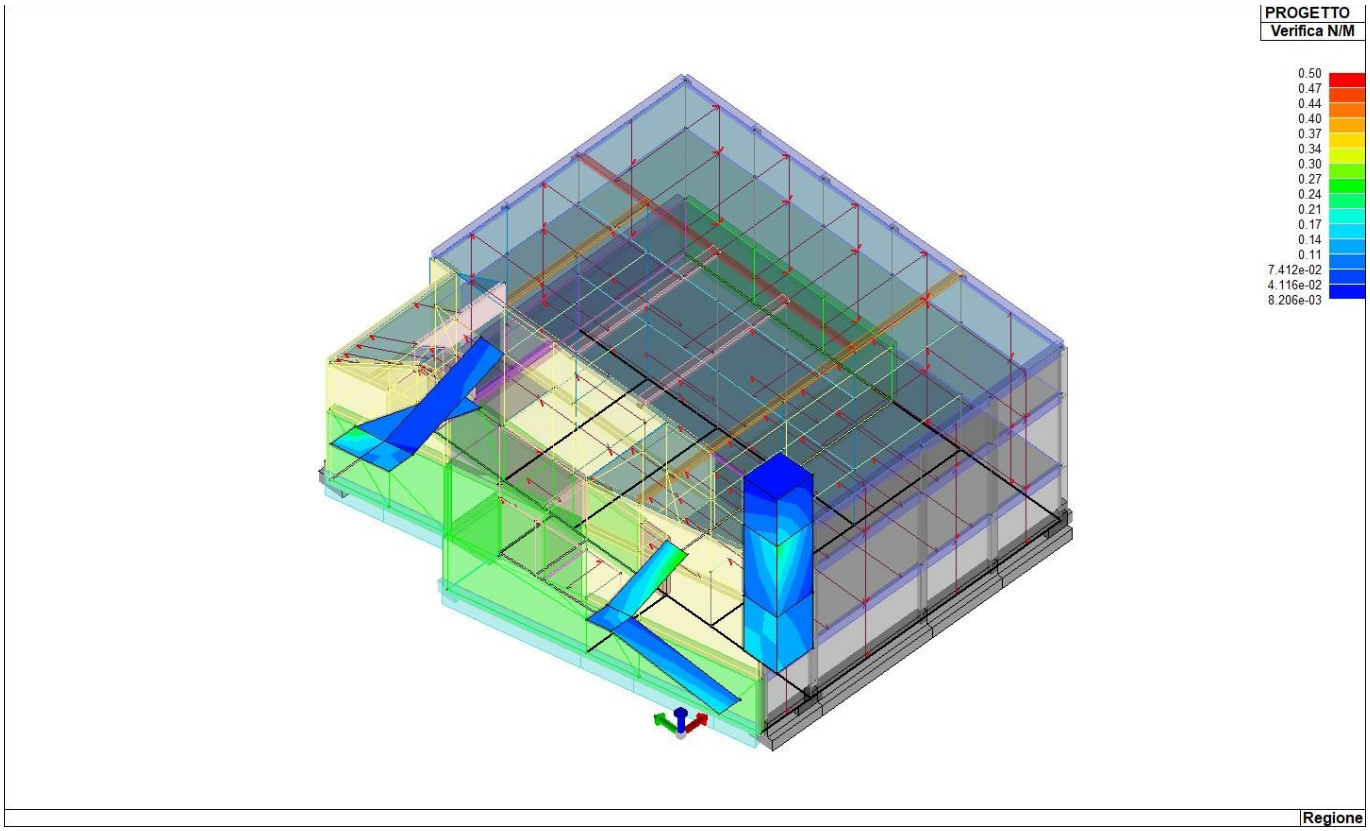
Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
								-5.97	-153.53	-21.27	-471.15	-276.49	-221.63
	0.14	0.18	0.04	7.70	7.70	7.70	7.70	4.56	77.33	27.36	824.02	411.60	279.61

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
117	ok	0.16						
119	ok	0.16						
120	ok	0.16						
165	ok	0.16						

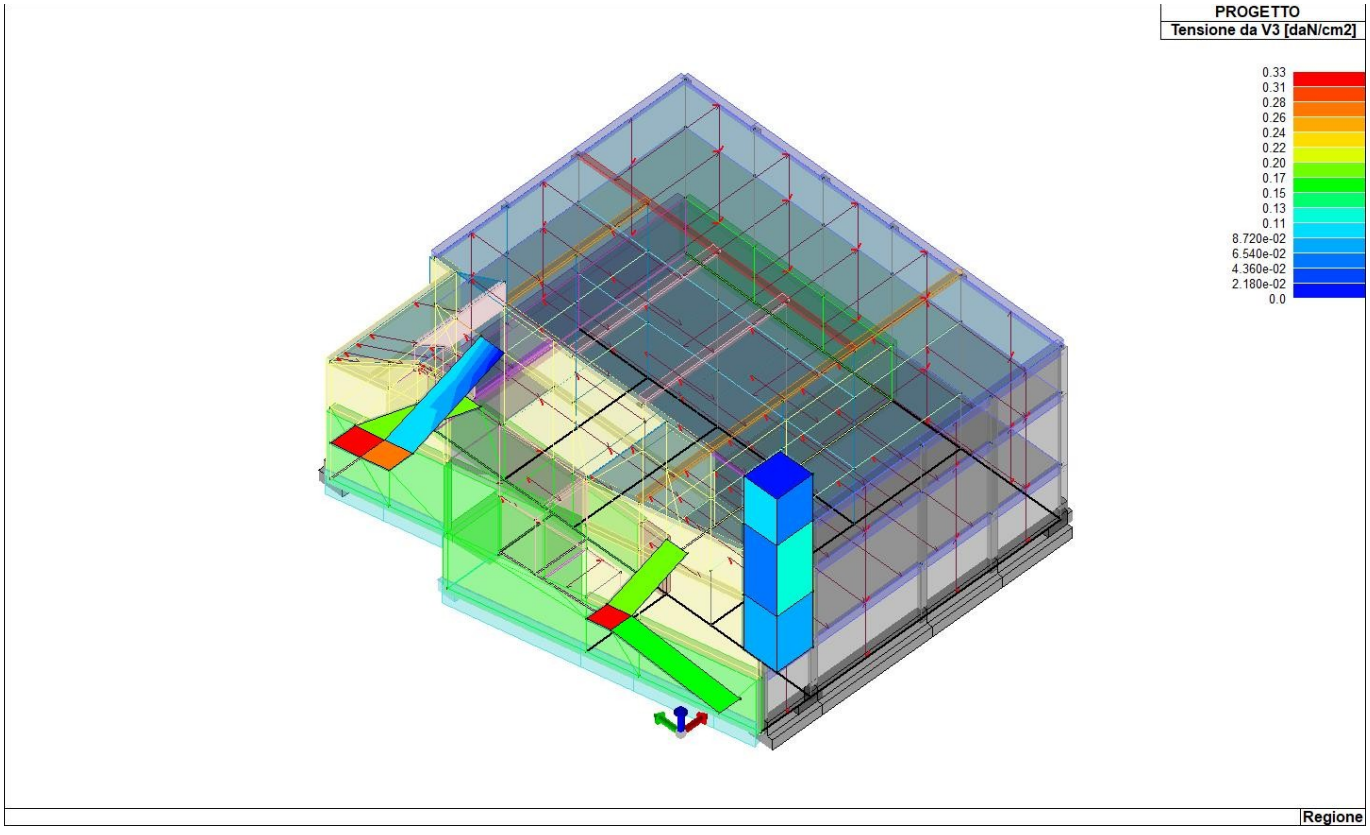
Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	0.16						



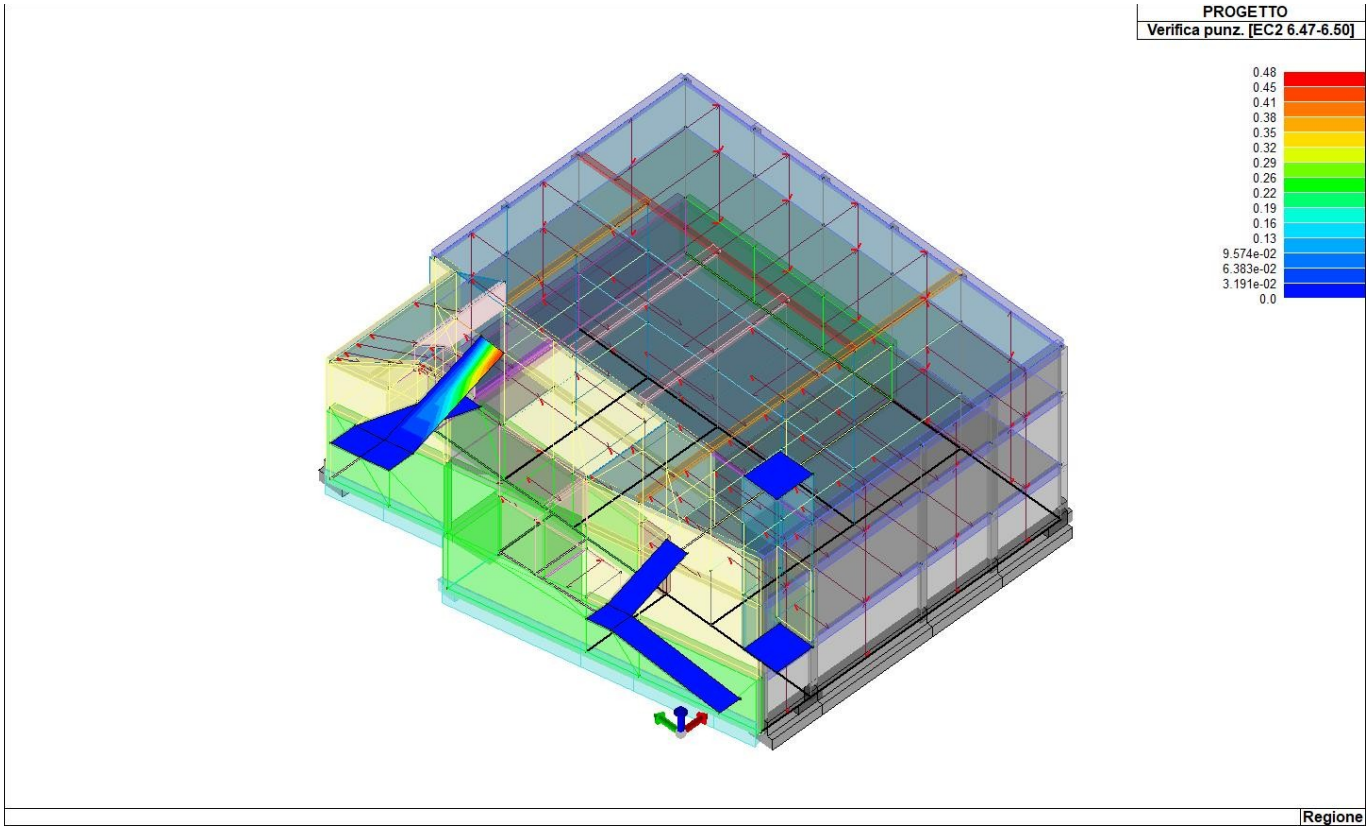
72_CA_D3_01_Stato progetto



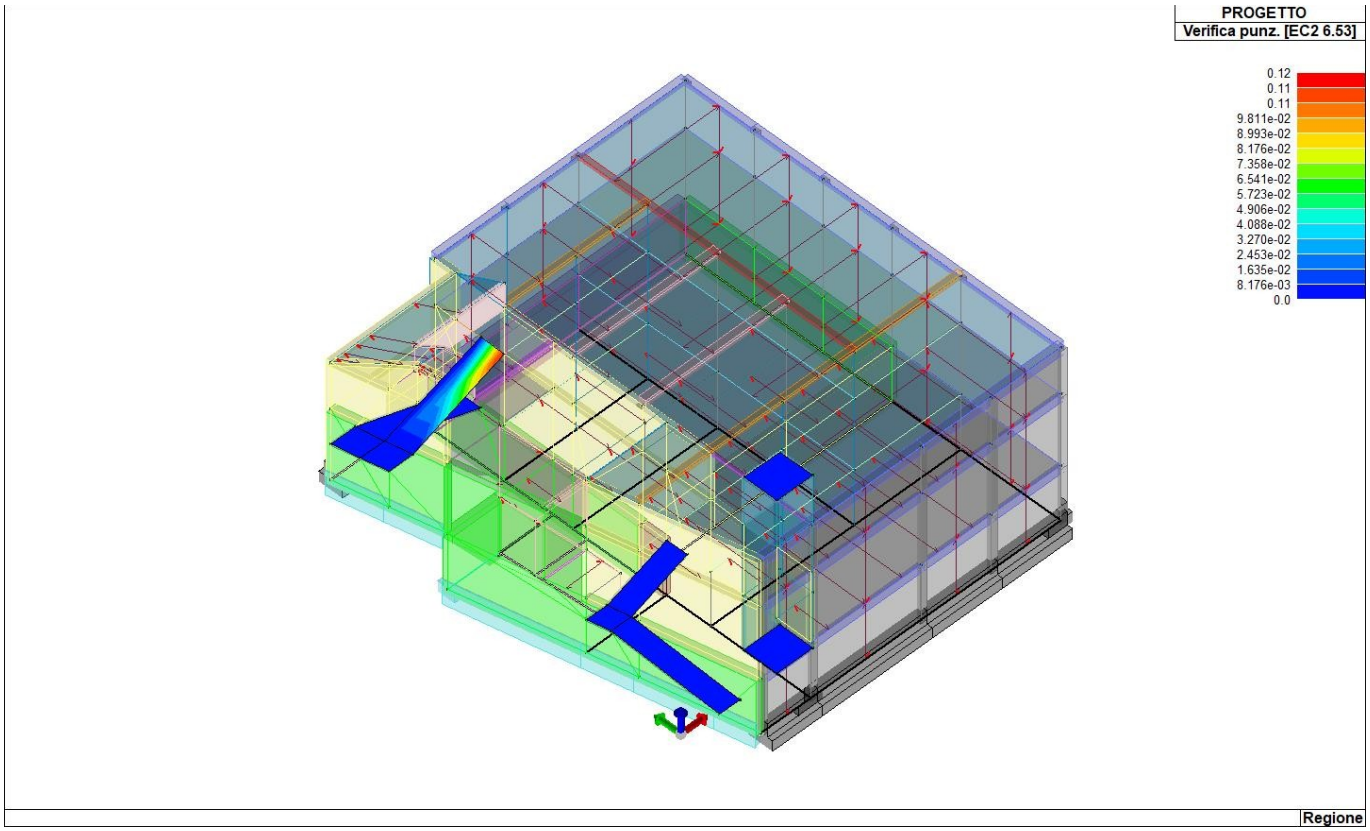
72_CA_D3_02_Verifica NM



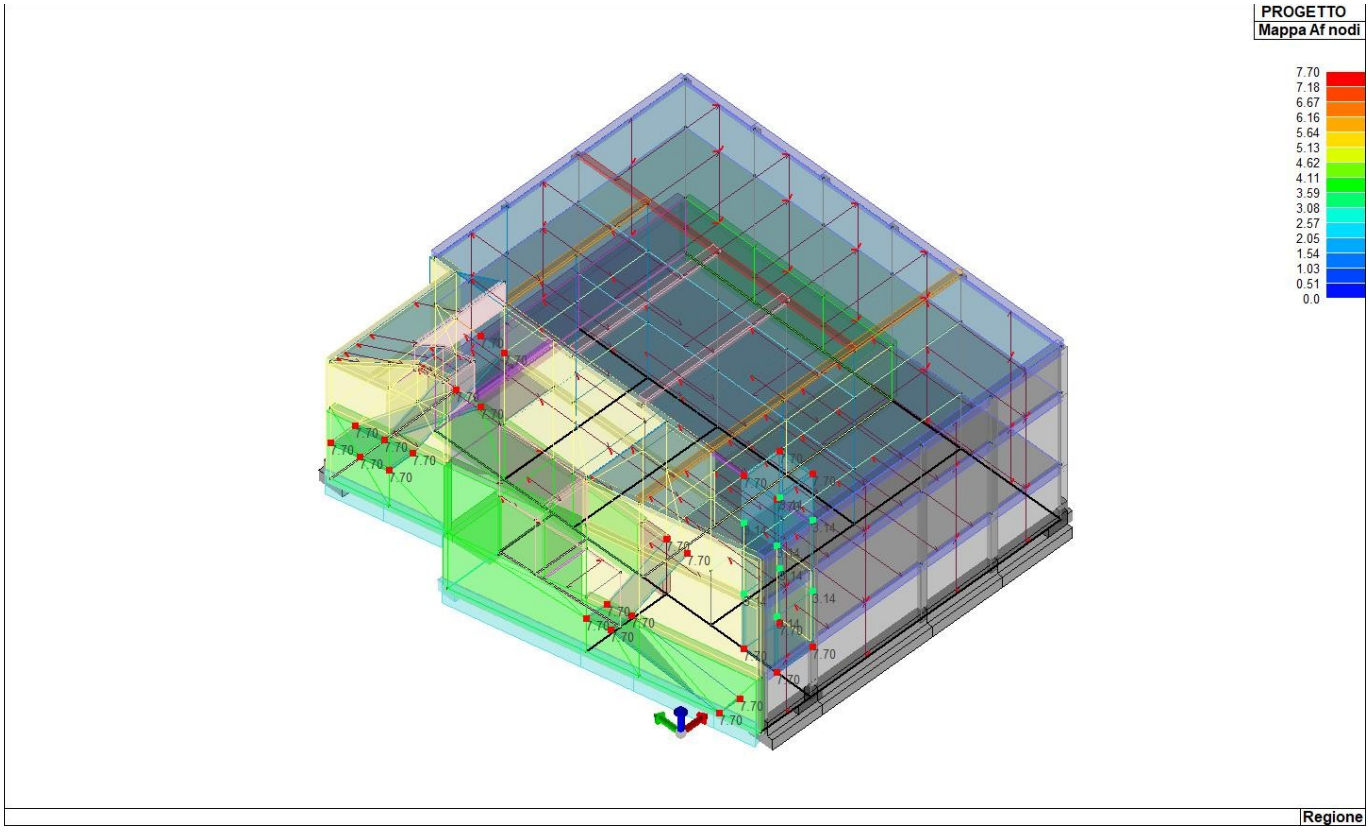
72_CA_D3_05_Tensione da V3



72_CA_D3_08_Verifica punz EC2 647-650



72_CA_D3_09_Verifica punz EC2 653



72_CA_D3_25_Mappa Af nodi

VERIFICHE ELEMENTI MURATURA

LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica. Le verifiche sono state condotte secondo le Norme Tecniche 17 Gennaio 2018.

In particolare sono previste le seguenti verifiche:
Par. 4.5.6.2 Verifiche SLU con riferimento in particolare a carichi laterali (fuori dal piano del muro) in assenza di sisma e a stabilità
Par. 7.8.2.2.3 Verifiche a pressoflessione per carichi laterali (fuori dal piano del muro) in presenza di sisma
Par. 7.8.2.2.1 Verifiche a pressoflessione nel piano del muro (in tutte le combinazioni)
Par. 7.8.2.2.2 Verifiche a taglio per azioni nel piano del muro (in tutte le combinazioni)
Par. 7.8.2.2.4 Travi in muratura, con riferimento alle verifiche a flessione e taglio

Con riferimento ai punti succitati le verifiche vengono così tabulate:

Setto/Fascia/Elem.	numero del macroelemento (D3) o elemento (D2) considerato	
Mat.	Materiale	
s=,m=	Indice della sezione e del materiale assegnati all' elemento (per D2)	
Spessore	spessore dell'elemento	
Stato	***ok L***	elemento verificato (stati limite ultimi)
	ok T	elemento verificato (tensioni)
	NV L	elemento non verificato (stati limite ultimi)
	NV T	elemento non verificato (tensioni)

Nodo/Pos.	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
h0/t	valore della snellezza convenzionale
Ecc/t (M)	massimo valore del rapporto e1/t o e2/t
Ecc/t	valore del rapporto di eccentricità trasversale utilizzato per la verifica a taglio - Par. 7.8.2.2.2
Fi t	fattore fi per la riduzione della resistenza in funzione dell'eccentricità trasversale calcolato con Ecc/t
P/A	tensione verticale media (Ao relativamente alla verifica di pressoflessione per carichi laterali in assenza di sisma, Ao(s) relativamente alla verifica di pressoflessione per carichi laterali in presenza di sisma, Ap relativamente alla verifica a pressoflessione nel piano del muro, Av relativamente alla verifica a taglio nel piano del muro per edifici esistenti formula C8.7.1.16 della circolare 21-01-19)
P/Acv	tensione verticale media nella parte compressa, utilizzata nella verifica a taglio nel piano del muro
V. Mo	rapporto tra l' azione assiale di progetto e l' azione assiale ultima in relazione alla verifica Par. 4.5.6.2 (pressoflessione ortogonale) effettuato per le combinazioni senza sisma
V. Mo(S)	rapporto tra l' azione assiale di progetto e l' azione assiale ultima in relazione alla verifica Par. 7.8.2.2.3 (pressoflessione ortogonale) effettuato per le combinazioni con sisma
V. Mp	rapporto tra il momento di progetto e il momento Mrd in relazione alla verifica Par. 7.8.2.2.1 (pressoflessione complanare) effettuato per tutte le combinazioni
Ver. V	rapporto il taglio di progetto e il taglio ultimo in relazione alla verifica Par. 7.8.2.2.2 (taglio complanare) o C8.7.1.16 della circolare 21-01-19 per edifici esistenti effettuato per tutte le combinazioni (per elementi maschio)
Ver. V	rapporto tra il taglio di progetto e il minore dei tagli resistenti Vp e Vt in relazione alla verifica del par. 7.8.2.2.3 (per elementi fascia)
Rif. cmb	Combinazioni in cui si hanno i massimi valori dei rapporti V. Mo, V. Mo(S), V. Mp, Ver. V

Per elementi consolidati secondo il paragrafo C8.5.3.1 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con FRP il programma implementa le verifiche previste dalle "Linee guida per la

Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009. Per questi elementi vengono effettuate le verifiche di resistenza previste al cap. 4.4.1.1.2 flessione ortogonale in assenza/presenza di sisma, 4.4.1.2 flessione e taglio nel piano. Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Per elementi consolidati con FRCM il programma implementa le verifiche previste dalle 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"*
Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati.

Le tabelle riportano inoltre i seguenti parametri:

Fibra	Tipo di fibra del fibrorinforzo
E fibra	Modulo elastico del fibrorinforzo
epsr	Dilatazione di rottura del fibrorinforzo
epsd	Dilatazione di calcolo
epsd(s)	Dilatazione di calcolo per combinazioni sismiche
Spess.	Spessore del fibrorinforzo, il programma prevede l' applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
AO fibra	Area orizzontale complessiva di fibrorinforzo per metro lineare
AV fibra	Area verticale complessiva di fibrorinforzo per metro lineare

Affinché l'elemento sia verificato deve essere:

h0/t	non superiore a 20 e al limite imposto per zona sismica e tecnica costruttiva
Ecc/t (M)	non superiore a 0.33
V.Mo, V.Mo(S), V.Mp, Ver.V	non superiore a 1

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
3	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
11	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
14	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
16	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
21	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
24	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
109	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
111	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116
112	5.5	0.05	0.05	0.79	0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20 (MC)	4,135,116,116

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.79								
	5.49	0.05	0.05		0.63	0.42	0.43	-0.43	0.11	0.08	0.04	0.20

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
13	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
29	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
38	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
75	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
102	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
111	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
112	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
154	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129
156	4.6	0.03	0.03	0.87	2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15 (MC)	4,127,4,129

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.87								
	4.58	0.03	0.03		2.26	1.56	2.26	-1.55	0.36	0.04	0.22	0.15

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
14	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	80.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
17	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
28	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
29	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
78	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
80	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
102	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
155	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122
157	3.4	0.03	0.03	0.90	1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06 (MC)	4,132,3,122

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.90								
	3.43	0.03	0.03		1.66	1.19	1.65	-1.16	0.26	0.04	0.09	0.06

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
15	Muratura in laterizio - muratura E = 7.300e+04	45.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
12	6.1	0.04	0.04	0.83	6.07	4.36	5.71	-6.07	0.36	0.03	0.05	0.37 (MC)	4,113,9,4
14	6.1	0.04	0.04	0.83	6.07	4.36	5.71	-6.07	0.36	0.03	0.05	0.37 (MC)	4,113,9,4
21	6.1	0.04	0.04	0.83	6.07	4.36	5.71	-6.07	0.36	0.03	0.05	0.37 (MC)	4,113,9,4
110	6.1	0.04	0.04	0.83	6.07	4.36	5.71	-6.07	0.36	0.03	0.05	0.37 (MC)	4,113,9,4

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.83								
	6.10	0.04	0.04		6.07	4.36	5.71	-6.07	0.36	0.03	0.05	0.37

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
16	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
14	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
15	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
17	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
18	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
21	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
22	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
26	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1

31	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
43	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
44	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
78	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
121	4.6	0.03	0.03	0.89	1.45	1.02	1.01	-1.34	0.23	0.04	0.04	0.37 (MC)	4,122,125,1
122	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1
124	4.6	0.03	0.03	0.88	1.35	0.94	0.94	-1.24	0.21	0.02	0.03	0.36 (MC)	4,122,125,1

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.88								
	4.58	0.03	0.03		1.45	1.02	1.01	-1.24	0.23	0.04	0.04	0.37

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
17	Muratura in laterizio - muratura E = 7.300e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
19	5.9	0.11	0.11	0.65	1.63	1.18	1.23	-1.61	0.12	0.16	0.12	0.54 (MC)	4,120,142,3
30	5.9	0.15	0.15	0.56	1.53	1.10	1.17	-1.52	0.14	0.27	0.18	0.53 (MC)	4,128,142,3
51	5.9	0.06	0.06	0.77	1.81	1.33	1.73	-1.82	0.12	0.08	0.17	0.45 (MC)	9,127,3,4
52	5.9	0.08	0.08	0.71	1.65	1.25	1.22	-1.63	0.12	0.09	0.08	0.37 (MC)	11,126,143,3
62	5.9	0.15	0.15	0.56	1.53	1.10	1.17	-1.71	0.14	0.27	0.18	0.55 (MC)	4,128,142,3
63	5.9	0.08	0.06	0.77	1.81	1.25	1.73	-1.82	0.12	0.09	0.17	0.45 (MC)	9,126,3,4
125	5.9	0.11	0.11	0.65	1.63	1.18	1.23	-1.61	0.12	0.16	0.12	0.54 (MC)	4,120,142,3
126	5.9	0.15	0.15	0.56	1.53	1.10	1.17	-1.71	0.14	0.27	0.18	0.55 (MC)	4,128,142,3
127	5.9	0.11	0.11	0.65	1.63	1.18	1.73	-1.71	0.12	0.16	0.17	0.55 (MC)	4,120,3,3

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.56								
	5.92	0.15	0.15		1.81	1.33	1.73	-1.52	0.14	0.27	0.18	0.55

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
18	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1	4.6	0.11	0.11	0.65	1.32	0.94	1.32	-0.99	0.28	0.22	0.10	0.09 (MC)	4,116,3,118
13	4.6	0.11	0.09	0.69	1.52	1.05	1.45	-1.13	0.30	0.20	0.03	0.09 (MC)	4,119,3,118
25	4.6	0.07	0.07	0.74	1.43	1.02	1.42	-1.37	0.27	0.15	0.07	0.13 (MC)	4,116,3,9
30	4.6	0.11	0.11	0.66	1.45	1.05	1.42	-1.37	0.30	0.20	0.07	0.13 (MC)	4,119,3,9
66	4.6	0.11	0.09	0.69	1.52	0.94	1.32	-1.08	0.30	0.22	0.10	0.11 (MC)	4,116,3,118
100	4.6	0.08	0.08	0.71	1.33	0.95	1.32	-0.99	0.26	0.18	0.10	0.09 (MC)	4,116,3,118
101	4.6	0.08	0.08	0.72	1.46	0.95	1.32	-1.52	0.28	0.18	0.10	0.23 (MC)	4,116,3,11
116	4.6	0.11	0.09	0.69	1.52	1.05	1.42	-1.52	0.30	0.20	0.07	0.23 (MC)	4,119,3,11
119	4.6	0.09	0.09	0.69	1.52	1.09	1.45	-1.52	0.30	0.16	0.05	0.23 (MC)	4,116,3,11
143	4.6	0.07	0.07	0.74	1.43	1.02	1.42	-1.52	0.27	0.15	0.07	0.23 (MC)	4,116,3,11
165	4.6	0.11	0.11	0.65	1.32	0.94	1.32	-0.99	0.28	0.22	0.10	0.09 (MC)	4,116,3,118
166	4.6	0.11	0.11	0.66	1.45	1.05	1.45	-1.07	0.30	0.20	0.03	0.05 (MC)	4,119,3,118

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.65								
	4.58	0.11	0.11		1.52	1.09	1.45	-0.99	0.30	0.22	0.10	0.23

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
20	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
23	14.2	0.15	0.15	0.38	0.60	0.41	0.38	-4.45	0.08	0.20	0.95	0.63 (MC)	3,124,117,3
167	14.2	0.15	0.15	0.38	0.60	0.41	0.38	-4.45	0.08	0.20	0.95	0.63 (MC)	3,124,117,3
169	14.2	0.15	0.15	0.38	0.60	0.41	0.38	-4.45	0.08	0.20	0.95	0.63 (MC)	3,124,117,3
170	14.2	0.15	0.15	0.38	0.60	0.41	0.38	-4.45	0.08	0.20	0.95	0.63 (MC)	3,124,117,3

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.38								
	14.21	0.15	0.15		0.60	0.41	0.38	-4.45	0.08	0.20	0.95	0.63

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
21	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
51	4.6	0.41	0.0	0.0	0.0	0.92	0.93	-1.28	0.90	0.76	0.21	0.06 (MC)	0,120,143,11
52	4.6	0.51	0.0	0.0	0.0	0.91	0.92	-1.26	0.90	0.96	0.21	0.06 (MC)	0,120,143,11
63	4.6	0.41	0.0	0.0	0.0	0.92	0.93	-1.28	0.90	0.76	0.21	0.06 (MC)	0,120,143,11
86	4.6	0.41	0.0	0.0	0.0	0.92	0.93	-1.28	0.90	0.76	0.21	0.06 (MC)	0,120,143,11
87	4.6	0.51	0.0	0.0	0.0	0.91	0.92	-1.26	0.90	0.96	0.21	0.06 (MC)	0,120,143,11
96	4.6	0.41	0.0	0.0	0.0	0.92	0.93	-1.28	0.90	0.76	0.21	0.06 (MC)	0,120,143,11
175	4.6	0.51	0.0	0.0	0.0	0.91	0.92	-1.26	0.90	0.96	0.21	0.06 (MC)	0,120,143,11

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.0								
	4.62	0.51	0.0		0.0	0.92	0.93	-1.26	0.90	0.96	0.21	0.06

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
22	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
92	4.8	0.06	0.06	0.78	0.44	0.30	0.44	-0.51	0.03	0.13	0.44	0.26 (MC)	11,135,9,11
172	4.8	0.06	0.06	0.78	0.44	0.30	0.44	-0.51	0.03	0.13	0.44	0.26 (MC)	11,135,9,11
179	4.8	0.06	0.06	0.78	0.44	0.30	0.44	-0.51	0.03	0.13	0.44	0.26 (MC)	11,135,9,11
180	4.8	0.06	0.06	0.78	0.44	0.30	0.44	-0.51	0.03	0.13	0.44	0.26 (MC)	11,135,9,11

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.78								
	4.82	0.06	0.06		0.44	0.30	0.44	-0.51	0.03	0.13	0.44	0.26

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
23	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3
13	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3
37	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3
53	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3
66	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3
67	7.1	0.07	0.06	0.74	1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14 (MC)	11,120,9,3

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.74								
	7.11	0.07	0.06		1.32	0.93	1.28	-1.32	0.09	0.11	0.10	0.14

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
24	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
37	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40		0.179.42e-03 (MC)	3,116,12,118
53	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40		0.179.42e-03 (MC)	3,116,12,118

67	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40	0.179.42e-03 (MC)	3,116,12,118
73	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40	0.179.42e-03 (MC)	3,116,12,118
99	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40	0.179.42e-03 (MC)	3,116,12,118
162	4.6	0.18	0.17	0.55	0.41	0.30	0.32	-0.32	0.04	0.40	0.179.42e-03 (MC)	3,116,12,118

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.55								
	4.62	0.18	0.17		0.41	0.30	0.32	-0.32	0.04	0.40	0.17	9.42e-03

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
25	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
15	7.1	0.05	0.05	0.78	2.65	1.98	1.86	-2.63	0.17	0.03	0.26	0.81 (MC)	11,136,125,3
17	7.1	0.05	0.05	0.78	2.65	1.98	1.86	-2.63	0.17	0.03	0.26	0.81 (MC)	11,136,125,3
49	7.1	0.11	0.11	0.62	2.11	1.52	1.86	-2.63	0.17	0.18	0.26	0.81 (MC)	4,133,125,3
50	7.1	0.11	0.11	0.62	2.11	1.52	1.52	-2.09	0.17	0.18	0.14	0.44 (MC)	4,133,141,3
131	7.1	0.11	0.11	0.62	2.11	1.52	1.86	-2.63	0.17	0.18	0.26	0.81 (MC)	4,133,125,3

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.62								
	7.11	0.11	0.11		2.65	1.98	1.86	-2.09	0.17	0.18	0.26	0.81

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
26	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
6	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
12	7.1	0.12	0.12	0.61	1.98	1.41	1.42	-1.40	0.16	0.18	0.10	0.12 (MC)	4,120,140,137
14	7.1	0.12	0.12	0.61	1.98	1.41	1.42	-1.40	0.16	0.18	0.10	0.12 (MC)	4,120,140,137
18	7.1	0.12	0.12	0.61	1.98	1.41	1.42	-1.40	0.16	0.18	0.10	0.12 (MC)	4,120,140,137
22	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
31	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
32	7.1	0.14	0.14	0.57	1.93	1.35	1.42	-1.40	0.17	0.18	0.10	0.12 (MC)	4,117,140,137
34	7.1	0.14	0.14	0.57	1.93	1.35	1.42	-1.40	0.17	0.18	0.10	0.12 (MC)	4,117,140,137
57	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
58	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
59	7.1	0.12	0.12	0.61	1.98	1.41	1.42	-1.40	0.16	0.18	0.10	0.12 (MC)	4,120,140,137
60	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
61	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137
115	7.1	0.12	0.12	0.61	1.98	1.41	1.42	-1.40	0.16	0.18	0.10	0.12 (MC)	4,120,140,137
124	7.1	0.14	0.14	0.57	1.93	1.35	1.42	-1.40	0.17	0.18	0.10	0.12 (MC)	4,117,140,137
138	7.1	0.12	0.12	0.61	1.98	1.38	1.39	-1.37	0.16	0.18	0.10	0.11 (MC)	4,120,140,137

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.57								
	7.11	0.14	0.14		1.98	1.41	1.42	-1.37	0.17	0.18	0.10	0.12

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
27	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
2	7.1	0.10	0.10	0.64	1.49	1.07	1.49	-1.49	0.11	0.12	0.32	0.95 (MC)	4,113,4,4
10	7.1	0.10	0.10	0.64	1.49	1.07	1.49	-1.49	0.11	0.12	0.32	0.95 (MC)	4,113,4,4
36	7.1	0.10	0.10	0.64	1.49	1.07	1.49	-1.49	0.11	0.12	0.32	0.95 (MC)	4,113,4,4
137	7.1	0.10	0.10	0.64	1.49	1.07	1.49	-1.49	0.11	0.12	0.32	0.95 (MC)	4,113,4,4

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.64								
	7.11	0.10	0.10		1.49	1.07	1.49	-1.49	0.11	0.12	0.32	0.95

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
28	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
49	4.6	0.05	0.03	0.86	0.90	0.64	0.65	-0.88	0.05	0.06	0.17	0.10 (MC)	9,134,143,4
50	4.6	0.05	0.03	0.86	0.90	0.64	0.65	-0.88	0.05	0.06	0.17	0.10 (MC)	9,134,143,4
84	4.6	0.05	0.03	0.86	0.90	0.64	0.65	-0.88	0.05	0.06	0.17	0.10 (MC)	9,134,143,4
85	4.6	0.05	0.03	0.86	0.90	0.64	0.65	-0.88	0.05	0.06	0.17	0.10 (MC)	9,134,143,4

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.86								
	4.62	0.05	0.03		0.90	0.64	0.65	-0.88	0.05	0.06	0.17	0.10

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
29	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
32	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
34	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
57	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
58	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
59	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
61	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
68	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
70	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
91	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
92	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
93	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143
95	4.6	0.20	0.18	0.53	0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06 (MC)	3,120,129,143

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.53								
	4.62	0.20	0.18		0.72	0.52	0.53	-0.52	0.07	0.25	0.02	0.06

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
30	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
15	7.1	0.10	0.10	0.64	0.46	0.31	0.36	-0.61	0.04	0.13	0.58	0.48 (MC)	11,128,142,1
19	7.1	0.10	0.10	0.64	0.46	0.31	0.36	-0.61	0.04	0.13	0.58	0.48 (MC)	11,128,142,1
50	7.1	0.15	0.15	0.55	0.29	0.21	0.21	0.0	0.03	0.28	0.34	0.98 (MC)	4,122,127,1
51	7.1	0.11	0.10	0.63	0.33	0.24	0.25	-0.37	0.03	0.21	0.75	0.19 (MC)	4,122,127,125
125	7.1	0.11	0.10	0.64	0.46	0.24	0.25	-0.61	0.04	0.21	0.75	0.48 (MC)	11,122,127,1
131	7.1	0.15	0.15	0.55	0.29	0.21	0.21	0.0	0.03	0.28	0.34	0.97 (MC)	4,122,127,1
132	7.1	0.15	0.10	0.64	0.46	0.21	0.21	0.0	0.04	0.28	0.34	0.95 (MC)	11,122,127,1

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.55								
	7.11	0.15	0.15		0.46	0.31	0.36	0.0	0.04	0.28	0.75	0.98

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
31	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
50	4.6	0.03	0.03	0.88	0.36	0.26	0.27	-0.26	0.02	0.07	0.18	0.06 (MC)	11,127,143,128

51	4.6	0.03	0.03	0.88	0.36	0.26	0.27	-0.26	0.02	0.07	0.18	0.06 (MC)	11,127,143,128
85	4.6	0.03	0.03	0.88	0.36	0.26	0.27	-0.26	0.02	0.07	0.18	0.06 (MC)	11,127,143,128
86	4.6	0.03	0.03	0.88	0.36	0.26	0.27	-0.26	0.02	0.07	0.18	0.06 (MC)	11,127,143,128

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.88								
	4.62	0.03	0.03		0.36	0.26	0.27	-0.26	0.02	0.07	0.18	0.06

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
32	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
23	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137
128	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137
129	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137
130	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137
133	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137
141	11.0	0.07	0.07	0.63	1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09 (MC)	4,120,3,137

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.63								
	10.98	0.07	0.07		1.17	0.82	1.16	-1.92	0.09	0.01	0.79	0.09

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
33	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
122	11.0	0.07	0.07	0.61	2.28	1.68	2.28	-2.57	0.18	0.02	0.47	0.72 (MC)	4,114,4,4
124	11.0	0.07	0.07	0.61	2.28	1.68	2.28	-2.57	0.18	0.02	0.47	0.72 (MC)	4,114,4,4
128	11.0	0.07	0.07	0.61	2.28	1.68	2.28	-2.57	0.18	0.02	0.47	0.72 (MC)	4,114,4,4
129	11.0	0.07	0.07	0.61	2.28	1.68	2.28	-2.57	0.18	0.02	0.47	0.72 (MC)	4,114,4,4

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.61								
	10.98	0.07	0.07		2.28	1.68	2.28	-2.57	0.18	0.02	0.47	0.72

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
34	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
23	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1
25	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1
30	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1
31	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1
43	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1
141	4.6	0.05	0.05	0.81	0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34 (MC)	4,120,5,1

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.81								
	4.58	0.05	0.05		0.98	0.70	0.68	-0.92	0.17	0.06	0.19	0.34

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
35	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb

					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
166	14.2	0.13	0.13	0.40	1.40	0.99	0.95	-1.43	0.17	0.13	0.41	0.93 (MC)	4,120,12,3
167	14.2	0.13	0.13	0.40	1.40	0.99	0.95	-1.43	0.17	0.13	0.41	0.93 (MC)	4,120,12,3
168	14.2	0.13	0.13	0.40	1.40	0.99	0.95	-1.43	0.17	0.13	0.41	0.93 (MC)	4,120,12,3
169	14.2	0.13	0.13	0.40	1.40	0.99	0.95	-1.43	0.17	0.13	0.41	0.93 (MC)	4,120,12,3

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.40								
	14.21	0.13	0.13		1.40	0.99	0.95	-1.43	0.17	0.13	0.41	0.93

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
36	Muratura in pietre a spacco con buona tessitura - Circ. n617/2009 -muratura E = 1.740e+04	60.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
13	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4
30	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4
52	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4
53	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4
166	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4
168	5.9	0.12	0.12	0.62	0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44 (MC)	4,120,138,4

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.62								
	5.92	0.12	0.12		0.48	0.35	0.35	-0.48	0.11	0.18	0.12	0.44

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
37	Muratura in laterizio - muratura E = 7.300e+04	50.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
86	3.6	1.54	0.0	0.0	0.0	0.19	0.19	-0.32	0.87	1.00	0.45	0.04 (MC)	0,140,139,11
87	3.6	1.34	0.0	0.0	0.0	0.18	0.18	-0.35	0.87	1.00	0.67	0.03 (MC)	0,120,139,139
96	3.6	1.57	0.0	0.0	0.0	0.18	0.18	-0.32	0.87	0.96	0.59	0.04 (MC)	0,140,139,11
171	3.6	1.34	0.0	0.0	0.0	0.18	0.18	-0.35	0.87	0.60	0.67	0.03 (MC)	0,120,139,139
175	3.6	1.57	0.0	0.0	0.0	0.18	0.18	-0.37	0.87	0.96	0.67	0.04 (MC)	0,140,139,4
177	3.6	1.57	0.0	0.0	0.0	0.18	0.18	-0.37	0.87	0.96	0.67	0.04 (MC)	0,140,139,4
181	3.6	1.54	0.0	0.0	0.0	0.19	0.19	-0.32	0.87	1.00	0.53	0.04 (MC)	0,140,139,11

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.0								
	3.57	1.57	0.0		0.0	0.19	0.19	-0.32	0.87	1.00	0.67	0.04

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
38	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
87	7.1	0.18	0.18	0.48	0.49	0.35	0.49	-0.55	0.05	0.31	0.41	0.24 (MC)	11,144,9,9
171	7.1	0.18	0.18	0.48	0.49	0.35	0.49	-0.55	0.05	0.31	0.41	0.24 (MC)	11,144,9,9
173	7.1	0.18	0.18	0.48	0.49	0.35	0.49	-0.55	0.05	0.31	0.41	0.24 (MC)	11,144,9,9
174	7.1	0.18	0.18	0.48	0.49	0.35	0.49	-0.55	0.05	0.31	0.41	0.24 (MC)	11,144,9,9

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.48								
	7.14	0.18	0.18		0.49	0.35	0.49	-0.55	0.05	0.31	0.41	0.24

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
39	Muratura in laterizio - muratura E = 7.300e+04	25.0	3.00	2.40	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
172	7.1	0.19	0.18	0.47	0.13	0.09	0.09	0.0	0.01	0.43	0.50	0.89 (MC)	9,137,12,1
173	7.1	1.61	0.0	0.0	0.0	0.13	0.19	0.0	999.00	0.24	0.95	0.89 (MC)	0,129,9,1
174	7.1	1.61	0.0	0.0	0.0	0.13	0.19	0.0	999.00	0.24	0.95	0.89 (MC)	0,129,9,1
176	7.1	1.61	0.0	0.0	0.0	0.13	0.09	0.0	999.00	0.24	0.50	0.89 (MC)	0,129,12,1
178	7.1	1.61	0.0	0.0	0.0	0.13	0.09	0.0	999.00	0.24	0.50	0.89 (MC)	0,129,12,1
179	7.1	0.19	0.18	0.47	0.13	0.09	0.09	0.0	0.01	0.43	0.50	0.89 (MC)	9,137,12,1

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V
				0.0								
	7.14	1.61	0.18		0.13	0.13	0.19	0.0	999.00	0.43	0.50	0.89

TABELLA VERIFICHE ELEMENTI D2 FASCE MURATURA

Fascia	Note	Ver. V	Vp	Vt	Ver. M	Mu	Rif. cmb	Ver. V	Vp	Vt	Ver. M	Mu	Rif. cmb
			daN	daN		daN cm			daN	daN		daN cm	
1	NV L	63.91	39.44	155.56 (MC)	17.93	4779.41	4,4	81.81	39.44	155.56 (MC)	20.84	4779.41	4,4

Fascia	Ver. V	Ver. M
	81.81	20.84