Comune di Riva Presso Chieri

PROVINCIA DI TORINO

Lavori di realizzazione impianto polisportivo comunale 1° lotto

CUP : D71B21005340004

PROGETTO ESECUTIVO

ai sensi dell'art. 33 D.P.R. 207/2010

COMMITTENTE:

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OGGETTO

Relazione di calcolo opere strutturali

ELABORATO

02b RCS

ELABORATI: Elaborati		SCALA: -	
EMISSIONE: Progetto esecutivo	REV: 0	DATA: Novembre 2022	
EMISSIONE:	REV:	DATA:	
EMISSIONE:	REV:	DATA:	
EMISSIONE:	REV:	DATA:	

Proprieta' Riservata - Riproduzione anche parziale vietata a termini di legge

RELAZIONE DI CALCOLO
STRUTTURE IN ELEVAZIONE
e
VERIFICHE GEOTECNICHE

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1. PREMESSA

La presente relazione riporta le ipotesi di calcolo, i risultati delle analisi e le verifiche strutturali condotte sulle strutture dei nuovi spogliatoi da realizzare nell'ambito dei Lavori di Realizzazione Impianto Polisportivo Comunale in Riva presso Chieri (TO).

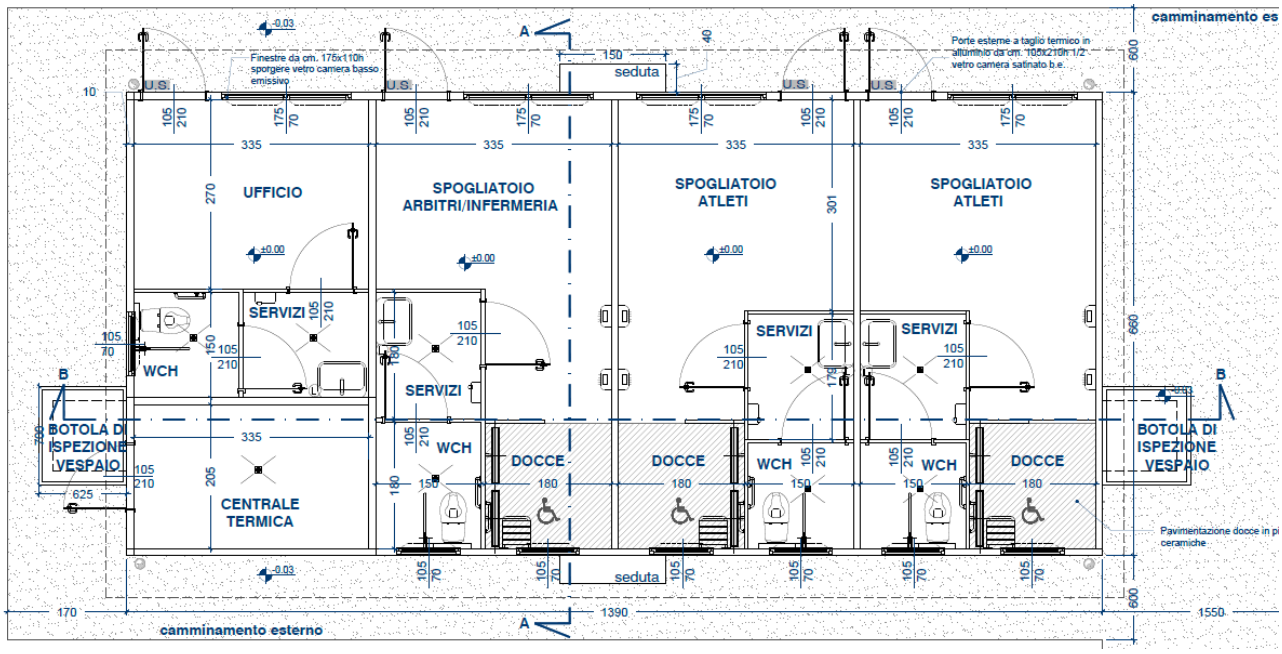
Il progetto prevede la realizzazione di un edificio con struttura prefabbricata in pannelli coibentati di lamiera ad un piano fuori terra.

Per le verifiche sulle fondazioni si riportano le principali verifiche geotecniche.

Nelle pagine che seguono saranno esposti i principali dati di ingresso per il progetto strutturale.

Gli edifici presentano le seguenti caratteristiche geometriche:

- Spogliatoio: edificio con pianta rettangolare e ingombro massimo pari a 13;90 x 6,60 m ed altezza di colmo pari a circa 3,40 m.



Il fabbricato è caratterizzato da monoblocchi con telaio in acciaio poggiati su cordoli a loro volta realizzati su platea di fondazione in c.a.

2. NORMATIVE TECNICHE DI RIFERIMENTO

Decreto del Presidente della Repubblica 6 giugno 2001, n. 380

Testo unico delle disposizioni legislative e regolamentari in materia edilizia Circ. n.11651 del 14/02/1974

DM 17/01/2018, "Norme Tecniche per le Costruzioni"

Normativa tecnica di riferimento. Essendo un documento generale di carattere prestazionale per la definizione di parametri specifici e per le regole di dettaglio, come previsto dal Decreto stesso, ci si è riferiti alle seguenti normative:

Ministero delle infrastrutture e dei Trasporti, circolare n. 7 del 21 gennaio 2019

ISTRUZIONI per l'applicazione delle "Norme tecniche per le costruzioni" di cui al D.M. 17 Gennaio 2018.

Parere del CSLLPP prot. 155/2010 del 14/12/2010

Decreto del Presidente della Repubblica 6 giugno 2001, n. 380

Testo unico delle disposizioni legislative e regolamentari in materia edilizia Circ. n.11651 del 14/02/1974

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ISTRUZIONI per l'applicazione delle "Norme tecniche per le costruzioni" di cui al D.M. 17 Gennaio 2018.

3. ANALISI DEI CARICHI

3.1 Pesi propri

I pesi propri degli elementi strutturali sono:

Peso specifico utilizzato per il c.a.: $\rho_{c.a.}$=25kN/m^3

Peso specifico utilizzato per l'acciaio da carpenteria: $\rho_{acc.}$=78.5kN/m^3

3.1 Sovraccarichi permanenti

Si riporta una tabella riepilogativa dei sovraccarichi previsti.

<u>Carichi compiutamente definiti γ_{G2} = 1.3</u>

Pannello di copertura in pannelli coibentati	0.50 kN/mq
CARICO DI CALCOLO	**0.50 kN/mq**
Capriata di sostegno copertura	0.30 kN/ml
CARICO DI CALCOLO	**0.30 kN/ml**

3.2 Carichi ambientali

3.2.1 Neve

Zona Neve = I

Ce (coeff. di esposizione al vento) = 1,00

Valore caratteristico del carico al suolo (qsk Ce) = 157 daN/mq

Copertura a due falde:

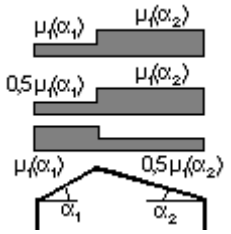
Angolo di inclinazione della falda α1 = 9,0°

μ1(α1) = 0,80 => Q1 = 126 daN/mq

Angolo di inclinazione della falda α2 = 9,0°

μ1(α2) = 0,80 => Q2 = 126 daN/mq

Schema di carico:



CARICO DI CALCOLO **1.30 kN/mq**

3.2.2 Vento

Zona vento = 1

Velocità base della zona, Vb.o = 25 m/s (Tab. 3.3.I)

Altitudine base della zona, Ao = 1000 m (Tab. 3.3.I)

Altitudine del sito, As = 262 m

Velocità di riferimento, Vb = 25,00 m/s (Vb = Vb.o per As ≤ Ao)

Periodo di ritorno, Tr = 50 anni

Cr = 1 per Tr = 50 anni

Velocità riferita al periodo di ritorno di progetto, Vr = Vb Cr = 25,00 m/s

Classe di rugosità del terreno: C Alberi, case, muri, recinzioni...)

Categoria esposizione: III Entroterra fino a 30 km dal mare

(Kr = 0,20; Zo = 0,10 m; Zmin = 5 m)

Pressione cinetica di riferimento, qb = 39 daN/mq

Coefficiente di forma, Cp = 1,00

Coefficiente dinamico, Cd = 1,00

Coefficiente di esposizione, Ce = 1.71

Coefficiente di esposizione topografica, Ct = 1,00

Altezza dell'edificio, h = 3.40 m

Pressione del vento, p = qb Ce Cp Cd = 67 daN/mq

3.3 Parametri sismici di progetto

I parametri sismici di progetto sono considerati un aspetto generale del progetto e sono stati utilizzati per la progettazione di tutti i singoli interventi.

3.3.1 Classificazione sismica del comune

In Comune di Riva presso Chieri è classificato in zona 4.

3.3.2 Vita nominale

L'edificio è un'opera rilevante ed è classificato come tipo di costruzione 2.

	TIPI DI COSTRUZIONE	Vita Nominale V_N (in anni)
1	Opere provvisorie – Opere provvisionali - Strutture in fase costruttiva[1]	≤ 10
2	Opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale	≥ 50
3	Grandi opere, ponti, opere infrastrutturali e dighe di grandi dimensioni o di importanza strategica	≥ 100

3.3.3 Classe d'uso

Con riferimento al paragrafo 2.4.2. delle NTC '18, la tipologia di costruzione in progetto rientra nella classe III (Cu = 1.5), nella quale sono comprese "Costruzioni il cui uso preveda affollamenti significativi …"

3.3.4 Periodo di riferimento per l'azione sismica

Le azioni sismiche sulla costruzione vengono valutate in relazione al periodo di riferimento V_R che si ricava moltiplicando la vita nominale V_N per il coefficiente d'uso C_U, definito dalle NTC'18 nella tabella 2.4.II.

Tab. 2.4.II – *Valori del coefficiente d'uso* C_U

CLASSE D'USO	I	II	III	IV
COEFFICIENTE C_U	0,7	1,0	1,5	2,0

Nel caso in esame la vita di riferimento è $V_R=V_N*C_U$ = 50*1.5=75 anni.

Sarà quindi questo il periodo di riferimento delle strutture, dato di base per la progettazione degli elementi portanti esposti nella relazione di calcolo di progetto.

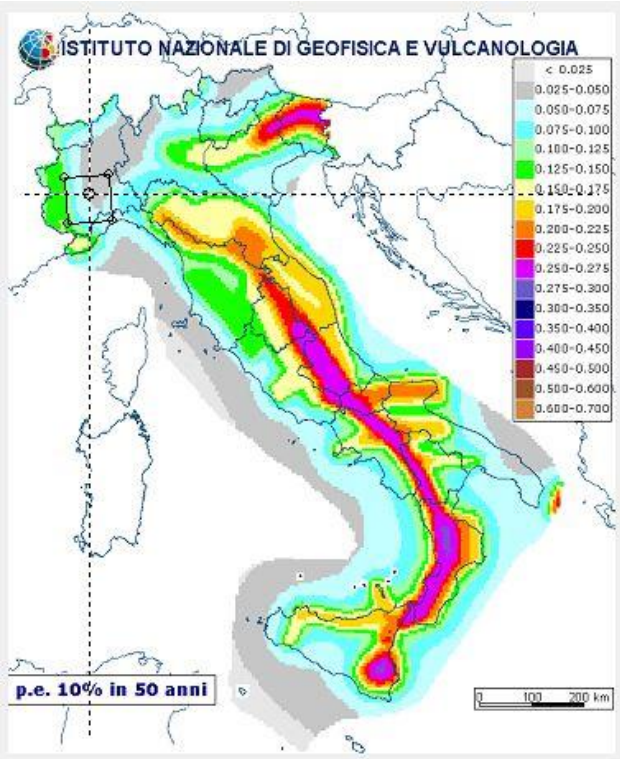
3.3.5 Categoria di sottosuolo

Sulla base delle indagini geognostiche condotte si è giunti a definire la categoria di suolo di tipo C.

Tabella 3.2.II – *Categorie di sottosuolo*

Categoria	Descrizione
A	*Ammassi rocciosi affioranti o terreni molto rigidi* caratterizzati da valori di $V_{s,30}$ superiori a 800 m/s, eventualmente comprendenti in superficie uno strato di alterazione, con spessore massimo pari a 3 m.
B	*Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti* con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ compresi tra 360 m/s e 800 m/s (ovvero $N_{SPT,30} > 50$ nei terreni a grana grossa e $c_{u,30} > 250$ kPa nei terreni a grana fina).
C	*Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti* con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ compresi tra 180 m/s e 360 m/s (ovvero $15 < N_{SPT,30} < 50$ nei terreni a grana grossa e $70 < c_{u,30} < 250$ kPa nei terreni a grana fina).
D	*Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti,* con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $V_{s,30}$ inferiori a 180 m/s (ovvero $N_{SPT,30} < 15$ nei terreni a grana grossa e $c_{u,30} < 70$ kPa nei terreni a grana fina).
E	*Terreni dei sottosuoli di tipo C o D per spessore non superiore a 20 m,* posti sul substrato di riferimento (con $V_s > 800$ m/s).

3.3.6 Azione sismica



Vertici della maglia elementare INGV [riferimento ED50]

Id nodo	Longitudine	Latitudine	Distanza [km]
14239	7.840	44.952	4.546
14240	7.910	44.955	4.373
14018	7.905	45.005	3.302
14017	7.835	45.002	3.615

Coordinate geografiche [riferimento WGS84]

Località: RIVA PRESSO CHIERI (TO) — Trova

Longitudine: 7.8730 Latitudine: 44.9840 — Applica

Applica la Risposta Sismica Locale — RSL

Parametri per le forme spettrali

	Pver	Tr	ag [g]	Fo	T*c
SLO	81	45.16	0.0231	2.617	0.184
SLD	63	75.43	0.0279	2.667	0.202
SLV	10	711.84	0.0503	2.774	0.288
SLC	5	1462.18	0.0585	2.847	0.300

Periodo di riferimento per l' azione sismica

Vita Vn [anni]	Coefficiente uso Cu	Periodo Vr [anni]	Livello di sicurezza
50	1.5	75	100

Rimuovi limiti Vr e Tr (di norma NO) — Reset — Calcola

Classe d' uso

- I edifici di minor importanza per la sicurezza pubblica [edifici agricoli...]
- II edifici ordinari
- III edifici importanti in relazione alle conseguenze di un eventuale collasso (scuole, teatri...)
- IV edifici la cui funzionalità ha importanza fondamentale per la protezione civile (ospedali. municipi...)

Pericolosità e zonazione

pericolosità sismica

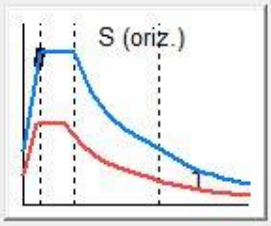
agS per SLV: 0.091

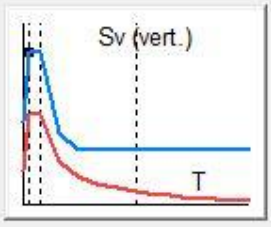
Modalità di progettazione semplificata per agS<0.075

Strutture esistenti

- LC1: conoscenza limitata
- LC2: conoscenza adeguata
- LC3: conoscenza accurata

Fattore di confidenza FC: 1.35





Categoria di suolo di fondazione

- A Ammassi rocciosi affioranti o terreni molto rigidi ...
- B Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti ...
- C Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti ...
- D Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti ...
- E Terreni con caratteristiche e valori di velocità equivalente riconducibili a quelle definite per le categorie C o D ...

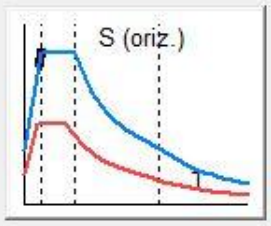
Categoria topografica

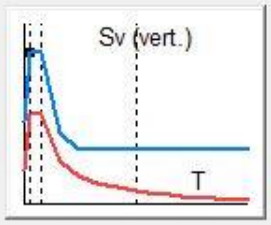
- T1
- T2 in sommità al pendio
- T3 in cresta al rilievo con moderata
- T4 in cresta al rilievo

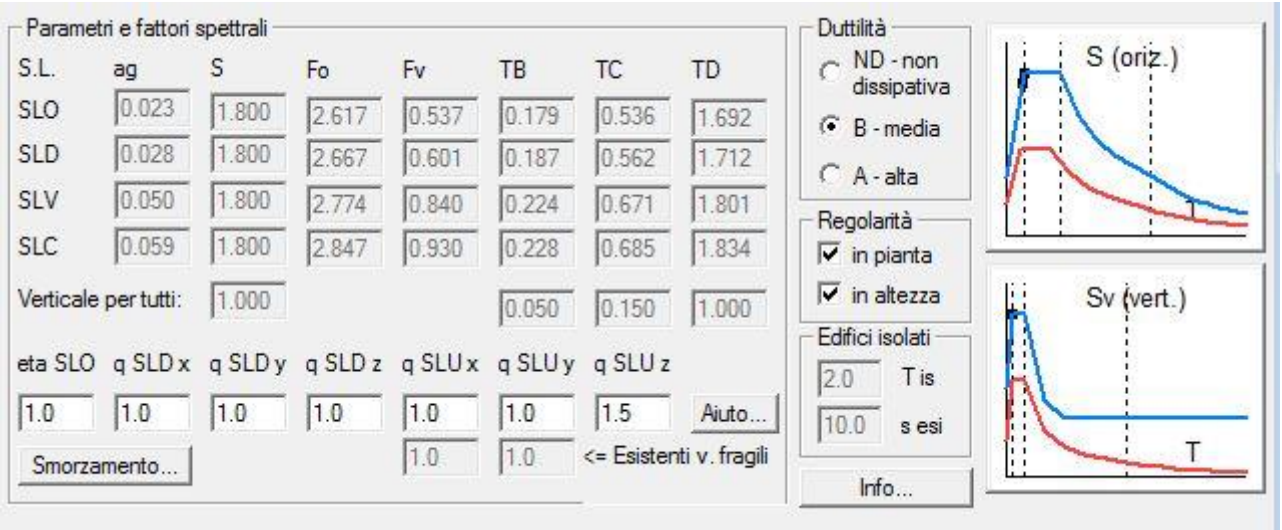
100 quota relativa (%)

Spettri di progetto

Usa spettri esterni — Sfoglia...







Parametri e fattori spettrali

S.L.	ag	S	Fo	Fv	TB	TC	TD
SLO	0.023	1.800	2.617	0.537	0.179	0.536	1.692
SLD	0.028	1.800	2.667	0.601	0.187	0.562	1.712
SLV	0.050	1.800	2.774	0.840	0.224	0.671	1.801
SLC	0.059	1.800	2.847	0.930	0.228	0.685	1.834
Verticale per tutti:		1.000			0.050	0.150	1.000

eta SLO	q SLD x	q SLD y	q SLD z	q SLU x	q SLU y	q SLU z
1.0	1.0	1.0	1.0	1.0	1.0	1.5
				1.0	1.0	<= Esistenti v. fragili

Aiuto... Smorzamento...

Duttilità
- ND - non dissipativa
- B - media
- A - alta

Regolarità
- in pianta
- in altezza

Edifici isolati
- 2.0 T is
- 10.0 s esi

Info...

3.4 Combinazioni delle azioni

3.4.1 Coefficienti parziali per le azioni

Per le azioni si impiegano i coefficienti γ_F riportati nella colonna A1 della Tabella 2.6.I delle NTC'18:

Tabella 2.6.I – *Coefficienti parziali per le azioni o per l'effetto delle azioni nelle verifiche SLU*

		Coefficiente γ_F	EQU	A1 STR	A2 GEO
Carichi permanenti	favorevoli sfavorevoli	γ_{G1}	0,9 1,1	1,0 1,3	1,0 1,0
Carichi permanenti non strutturali[(1)]	favorevoli sfavorevoli	γ_{G2}	0,0 1,5	0,0 1,5	0,0 1,3
Carichi variabili	favorevoli sfavorevoli	γ_{Qi}	0,0 1,5	0,0 1,5	0,0 1,3

[(1)]Nel caso in cui i carichi permanenti non strutturali (ad es. carichi permanenti portati) siano compiutamente definiti si potranno adottare per essi gli stessi coefficienti validi per le azioni permanenti.

3.4.2 Coefficienti di combinazione

Per i coefficienti di combinazione si impiegano i valori riportati nella tabella 2.5.I delle NTC'18:

Tabella 2.5.I – *Valori dei coefficienti di combinazione*

Categoria/Azione variabile	ψ_{0j}	ψ_{1j}	ψ_{2j}
Categoria A Ambienti ad uso residenziale	0,7	0,5	0,3
Categoria B Uffici	0,7	0,5	0,3
Categoria C Ambienti suscettibili di affollamento	0,7	0,7	0,6
Categoria D Ambienti ad uso commerciale	0,7	0,7	0,6
Categoria E Biblioteche, archivi, magazzini e ambienti ad uso industriale	1,0	0,9	0,8
Categoria F Rimesse e parcheggi (per autoveicoli di peso ≤ 30 kN)	0,7	0,7	0,6
Categoria G Rimesse e parcheggi (per autoveicoli di peso > 30 kN)	0,7	0,5	0,3
Categoria H Coperture	0,0	0,0	0,0
Vento	0,6	0,2	0,0
Neve (a quota ≤ 1000 m s.l.m.)	0,5	0,2	0,0
Neve (a quota > 1000 m s.l.m.)	0,7	0,5	0,2
Variazioni termiche	0,6	0,5	0,0

3.4.2.1.1 Combinazione dei carichi

I carichi agenti vengono combinati secondo quanto prescritto dalle norme tecniche ed in particolare:

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

$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \ldots$

Combinazione quasi permanente SLE

$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \ldots$

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

$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \ldots$

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

$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \ldots$

4. CRITERI DI PROGETTAZIONE E MODELLAZIONE

L'analisi strutturale è stata effettuata in base alle normative vigenti. In particolare, per la definizione dei carichi, le analisi e le verifiche si è fatto riferimento al quadro normativo delineato del D.M. 17/01/18 (Norme Tecniche per le Costruzioni).

Per quanto non riportato sul Decreto si sono seguite le indicazioni degli Eurocodici e della Circolare applicativa delle NTC medesime.

4.1 Fattore di struttura

Il fattore di struttura considerato è pari a 1.0. Il progetto delle strutture sarà finalizzato ad ottenere una risposta perfettamente elastica alle azioni sismiche a tutto vantaggio della sicurezza della costruzione. Le strutture vengono quindi considerate non dissipative.

In quest'ottica quindi non si considereranno i dettami della gerarchia delle resistenze.

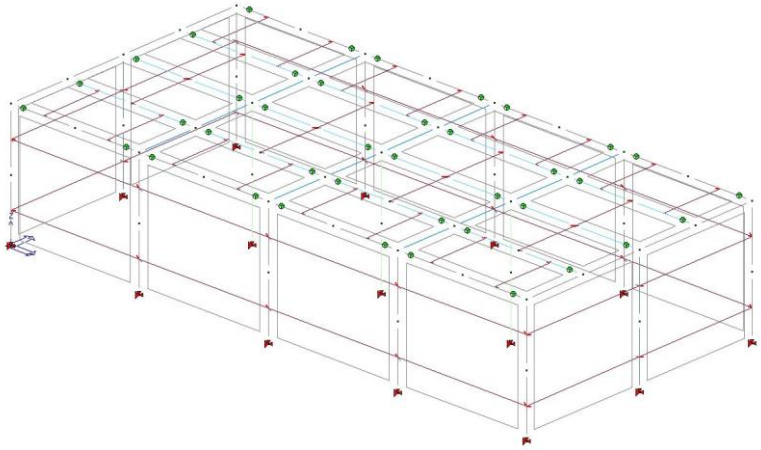
4.2 Modellazione strutturale

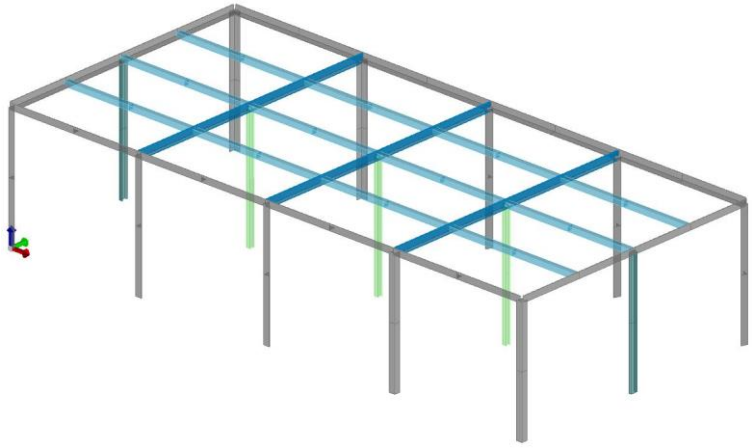
Le strutture in oggetto sono state modellate con il software FEM Prosap della 2SI, le cui caratteristiche sono riportate ai paragrafi successivi.

Si riportano alcune immagini rappresentative del modello di calcolo utilizzato.

Le travi principali sono considerate incastrate in sommità e per tali membrature è richiesta una saldatura a penetrazione piena da realizzare in officina in modo che si comportino come una membratura unica.

Gli arcarecci sono stati svincolati alla rotazione alle estremità.





5. VALUTAZIONE DI ACCETTABILITÀ DEI RISULTATI

La validazione dei modelli di calcolo è stata eseguita confrontando sforzo normale e momento flettente su un pilastro e su un arcareccio di copertura.

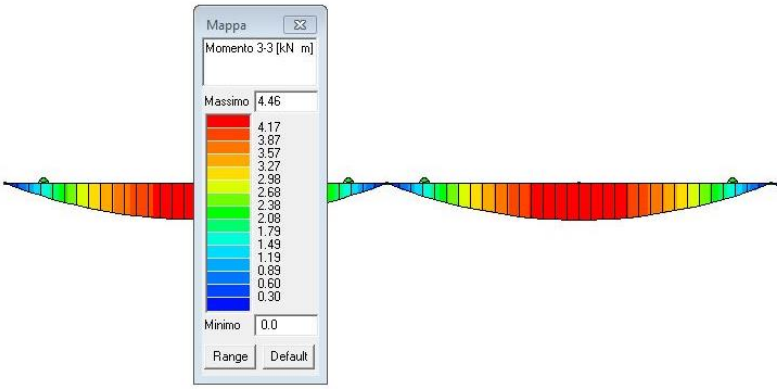
5.1 Calcolo momento flettente sugli arcarecci

L'arcareccio più lungo presenta luce di 3,45 m.

Sul singolo arcareccio viene posata la capriata di appoggio della copertura.

Per definire il carico lineare agente sulla capriata, si moltiplica il sovraccarico della neve per l'area di interesse e ne risulta un carco lineare pari a 3 kN/m.

Il momento flettente indotto dal carico neve è pari a 3 x $3{,}45^2$ / 8 = 4,46 kNm.



Il risultato di calcolo è pari a 4,46 kNm ➔ Δ = 23 %

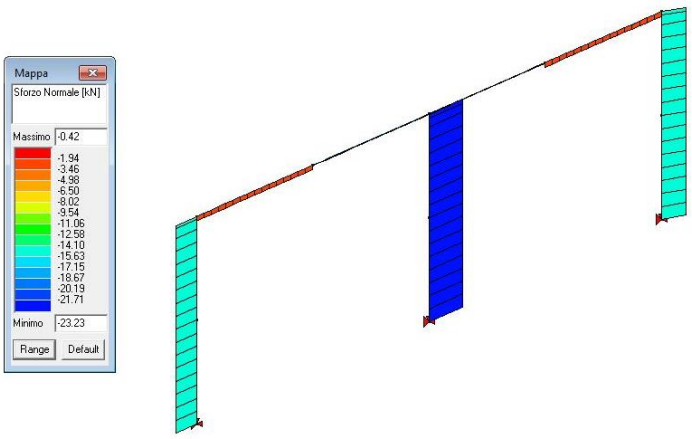
Lo scostamento quindi è ampliamente accettabile.

5.2 Calcolo sforzo normale pilastri

Si prende come riferimento il pilastro centrale.

Sul singolo pilastro gravano gli sforzi della neve derivanti dalla capriata centrale e da metà di quelle intermedie (rispettivamente a destra e sinistra del pilastro centrale)

Lo sforzo normale indotto dal carico neve è pari quindi a 3 x 3,45 + 2 x (3 x 3,45) /2 = 20,7kN.



Il risultato di calcolo è pari a 23,23 kNm ➔ Δ = 12 %

Lo scostamento quindi è ampliamente accettabile.

5.3 Caratteristiche di affidabilità del codice di calcolo

Dichiarazione del produttore-distributore di PRO_SAP PROfessional SAP riguardante l'affidabilità del codice (D.M. 14/01/2008 - Paragrafo 10.2)

Dichiarazione affidabilità

Origine e caratteristiche dei codici di calcolo
Titolo: PRO_SAP PROfessional Structural Analysis Program
Autore-Produttore: 2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara

Affidabilità dei codici

- Inquadramento teorico della metodologia
L'analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo si basa sulla schematizzazione della struttura in elementi connessi in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. L'analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensiodeformativo 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 tensiodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).
Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo TRUSS (asta)*
Elemento tipo BEAM (trave)*
Elemento tipo MEMBRANE (membrana)*
Elemento tipo PLATE (piastra-guscio)*
Elemento tipo BRICK (solido)*
Elemento tipo BOUNDARY (molla)*
Elemento tipo STIFFNESS (matrice di rigidezza)

*** anche non lineare**

- Casi prova che consentano un riscontro dell'affidabilità
2S.I. ha verificato, in collaborazione con il DISTART dell'Università di Bologna e con il Dipartimento di Ingegneria dell'Università di Ferrara, 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"

- Filtri di autodiagnostica
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.

Garanzia di qualità

Dal 1 dicembre 1999 2S.I. ha prodotto un manuale di qualità in funzione dei requisiti della norma di riferimento UNI EN ISO 9001.
Tutte le attività dell'azienda sono regolate dalla documentazione e dalle procedure in esso contenute.
In relazione alla attività di validazione dei prodotti software si dichiara inoltre quanto segue:
- la fase di progetto degli algoritmi è preceduta dalla ricerca di risultati di confronto reperibili in bibliografia o riproducibili con calcoli manuali;
- la fase di implementazione degli algoritmi è continuamente validata con strumenti automatici (tools di sviluppo) e attraverso confronti;
- il software che implementa gli algoritmi è testato, confrontato e controllato anche da tecnici qualificati che non sono intervenuti nelle precedenti fasi.
Nella produzione del solutore fem 2S.I. implementa componenti sviluppati da Computing Objects SARL spin-off dell'École Centrale Paris, France. E' disponibile la documentazione di affidabilità di tali componenti all'indirizzo web:
http://www.2si.it/software/download/manuali/pro_sap quaderni/Affidabilita/benchmarks_e_sap.zip

2S.I. Software e Servizi per l'Ingegneria s.r.l.

PRO_SAP PROfessional Structural Analysis Program

Il programma impiegato nella modellazione è il PROSAP vers. 18.1.2 che implementa i calcoli e le verifiche secondo il DM 2018. 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 tenso deformativo indotto da carichi statici. 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. 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. 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) Elemento tipo BEAM (trave)

Elemento tipo MEMBRANE (membrana) Elemento tipo PLATE (piastra-guscio)

Elemento tipo BOUNDARY (molla) Elemento tipo STIFFNESS(matrice di rigidezza)

6. CRITERI DI VERIFICA

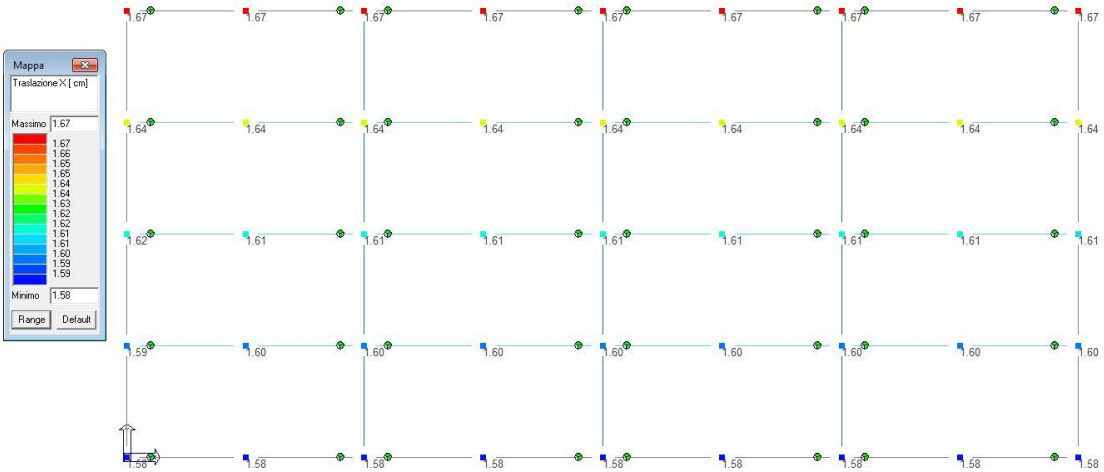
Le verifiche degli elementi sono state svolte seguendo il metodo degli Stati Limite. In ambito sismico sono state verificate le strutture agli Stati Limite di Vita, Stato Limite di Danno e Stato Limite di Operatività.

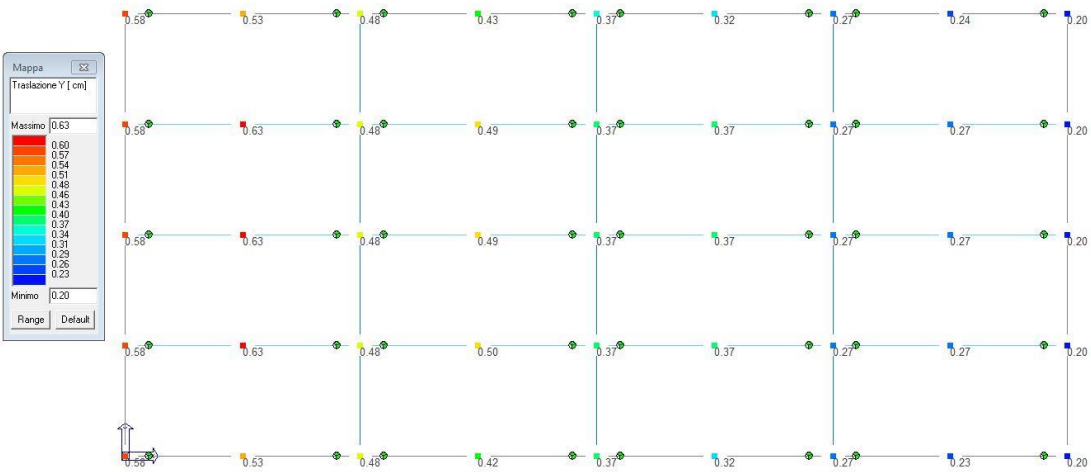
In ambito statico sono stati verificati gli Stati Limite Ultimi e gli Stati Limite di Esercizio.

Le verifiche sono state condotte secondo quanto richiesto dalle NTC'18.

7. DEFORMATE

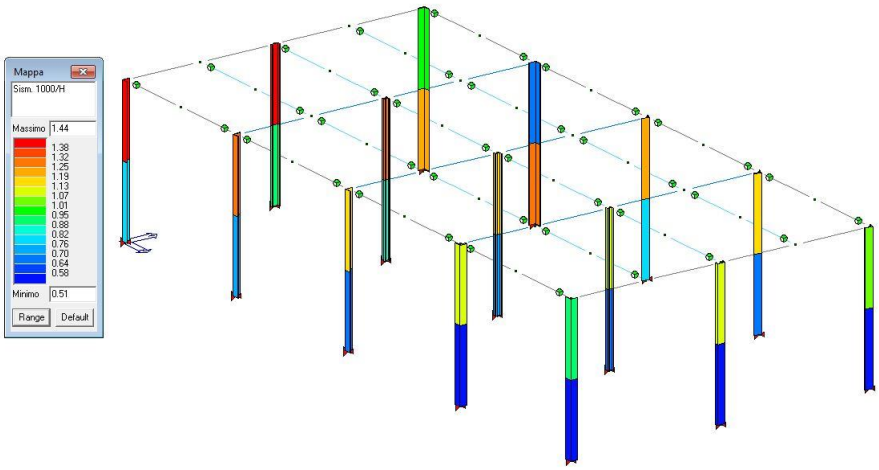
7.1 Spostamento orizzontale





La massima deformata a SLD è pari a 16,7 mm.

Il massimo spostamento accettabile, trattandosi di tamponamenti che posseggono una capacità intrinseca di deformazione e non sono equiparabili a elementi fragili è pari a 0.01h = 0.01 x 2850 = 28,5 mm

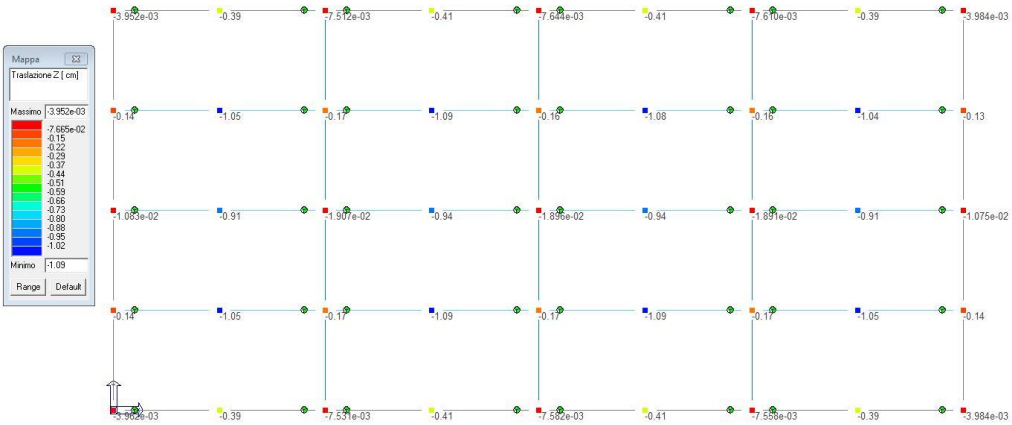


La verifica è soddisfatta in quanto il valore massimo ottenuto pari a 1.44 risulta inferiore al limite di normativa (1000 / H) pari a 10.

7.2 Spostamenti verticali

I massimi abbassamenti delle travi sottoposti al solo carico neve sono:

- Travi principali (L=3,22 m) 1,1 mm → L/2927
- Arcarecci (L=3,45 m) 7,5-(1,1+1,1) /2 = 6,4 mm → L/540



I massimi abbassamenti delle travi sottoposti a SLE sono:

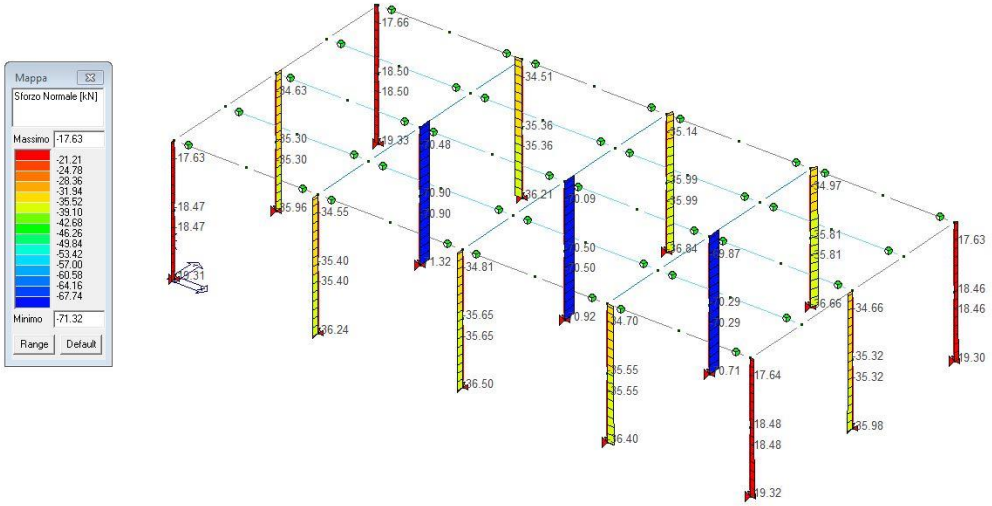
- Travi principali (L=3,22 m) 1,7 mm → L/1894
- Arcarecci (L=3,45 m) 10,9-(1,6+1,7) /2 = 9,25 mm → L/372

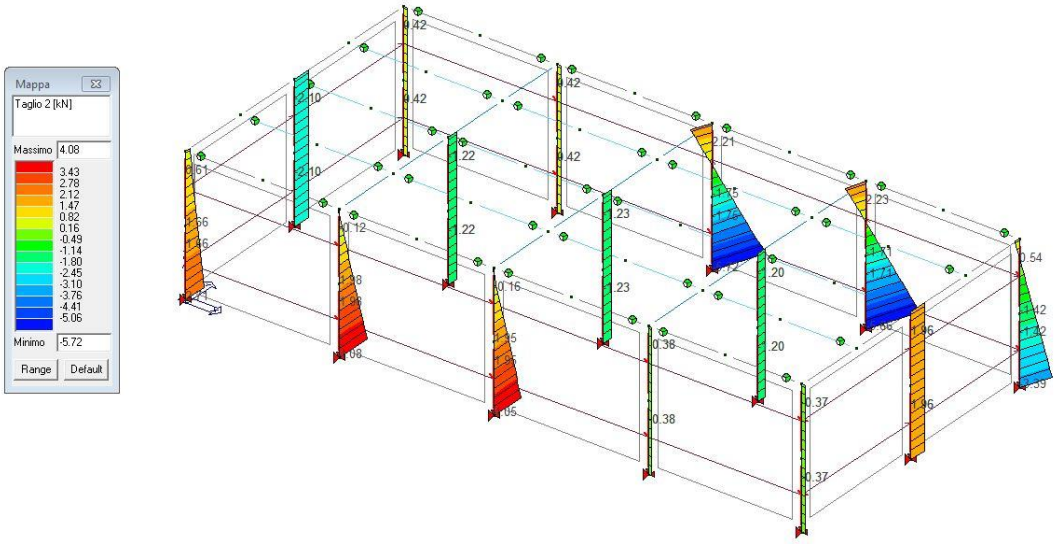
Le verifiche deformative risultano soddisfatte.

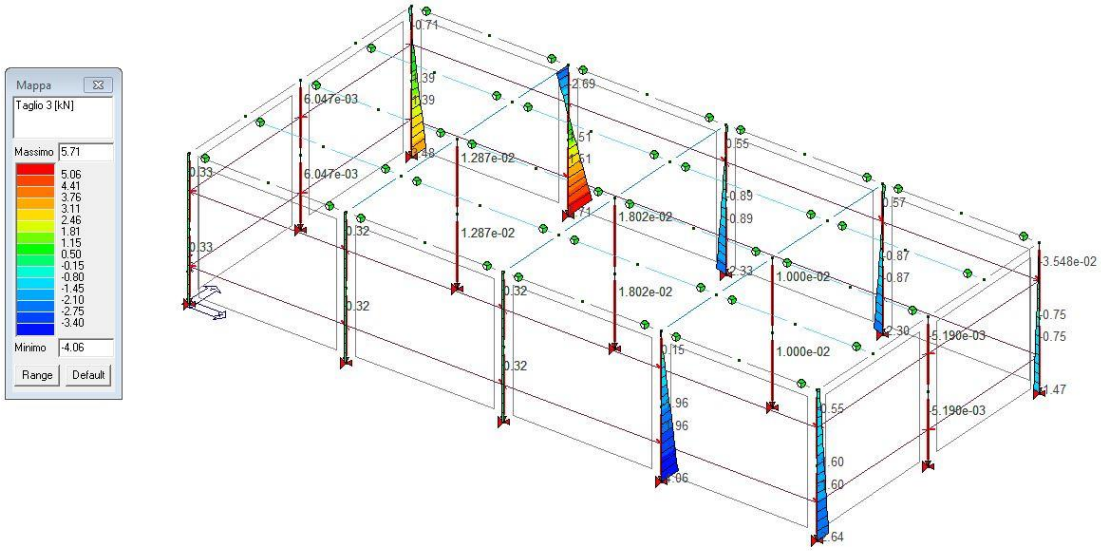
8. SOLLECITAZIONI SULLE MEMBRATURE

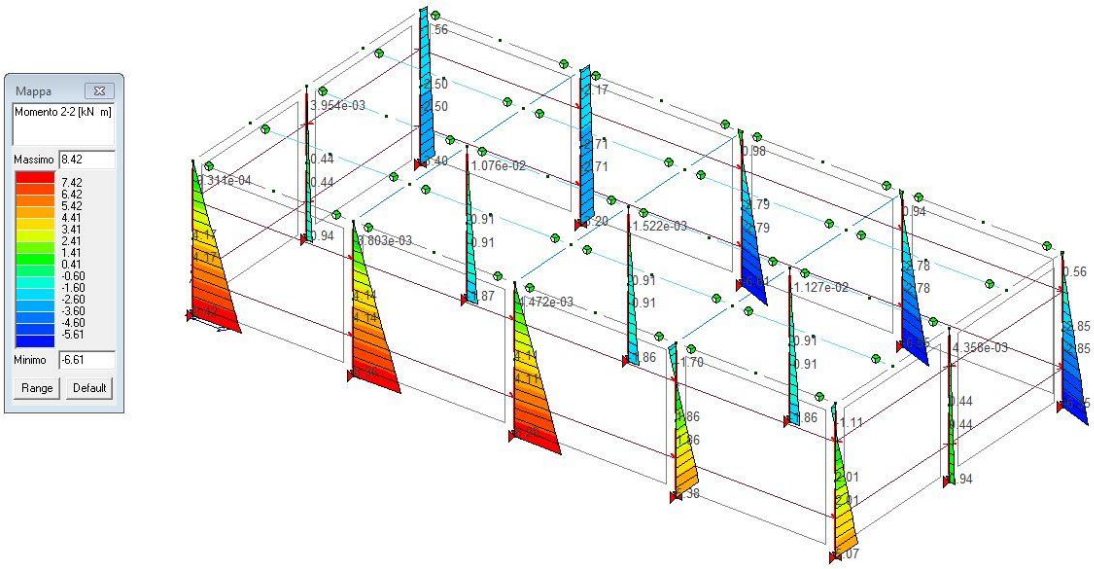
Si riportano i valori di inviluppo delle sollecitazioni sulle membrature.

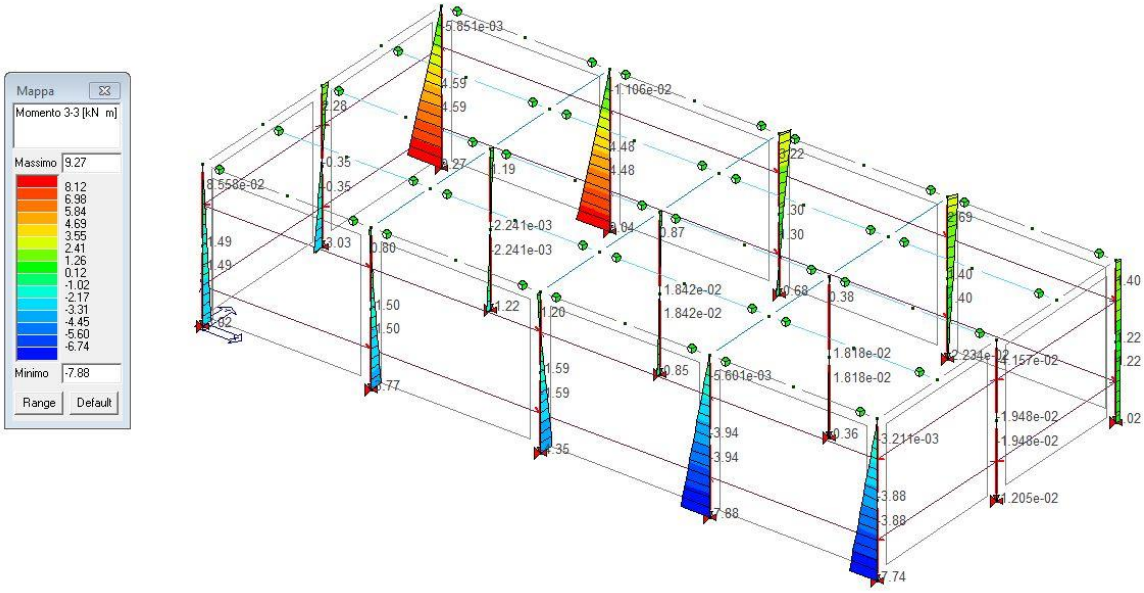
8.1 Pilastri



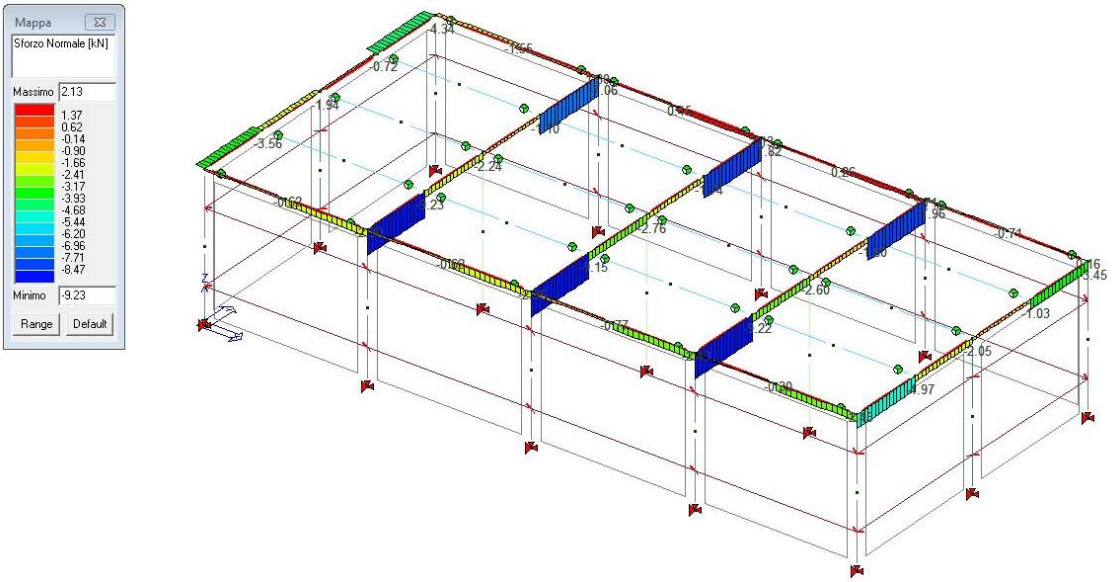


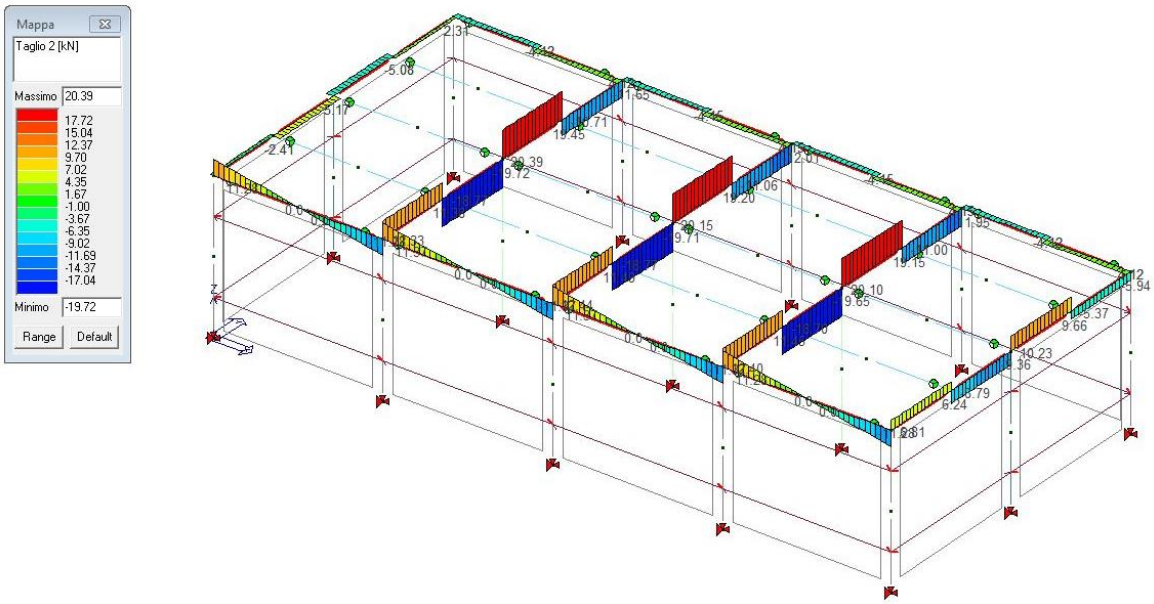


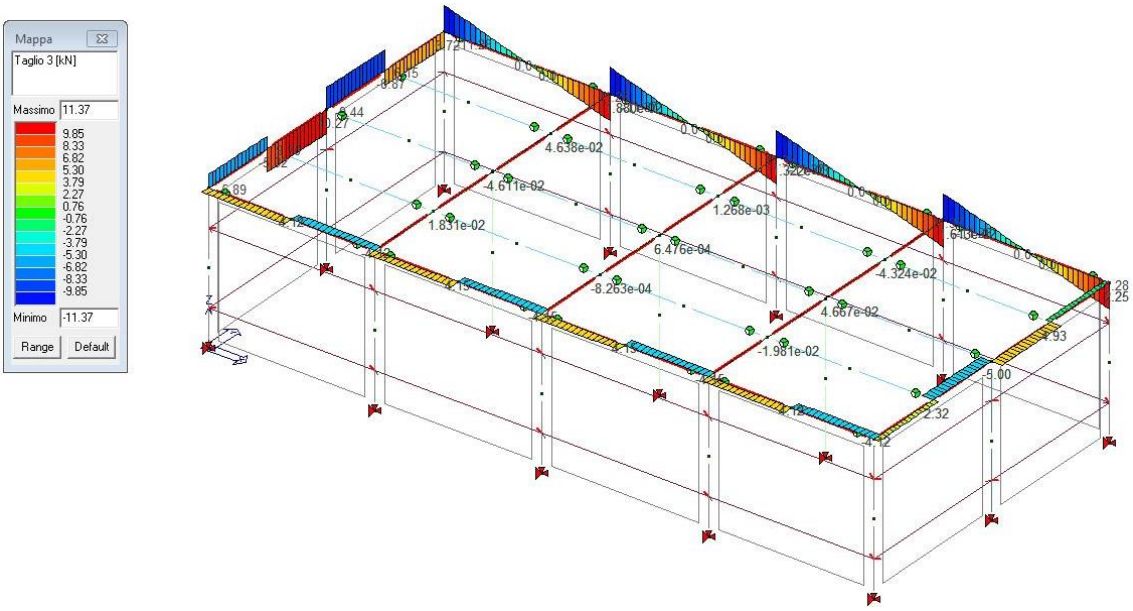

Mappa
Momento 2-2 [kN m]
Massimo 8.42
7.42
6.42
5.42
4.41
3.41
2.41
1.41
0.41
-0.60
-1.60
-2.60
-3.60
-4.60
-5.61
Minimo -6.61
Range
Default

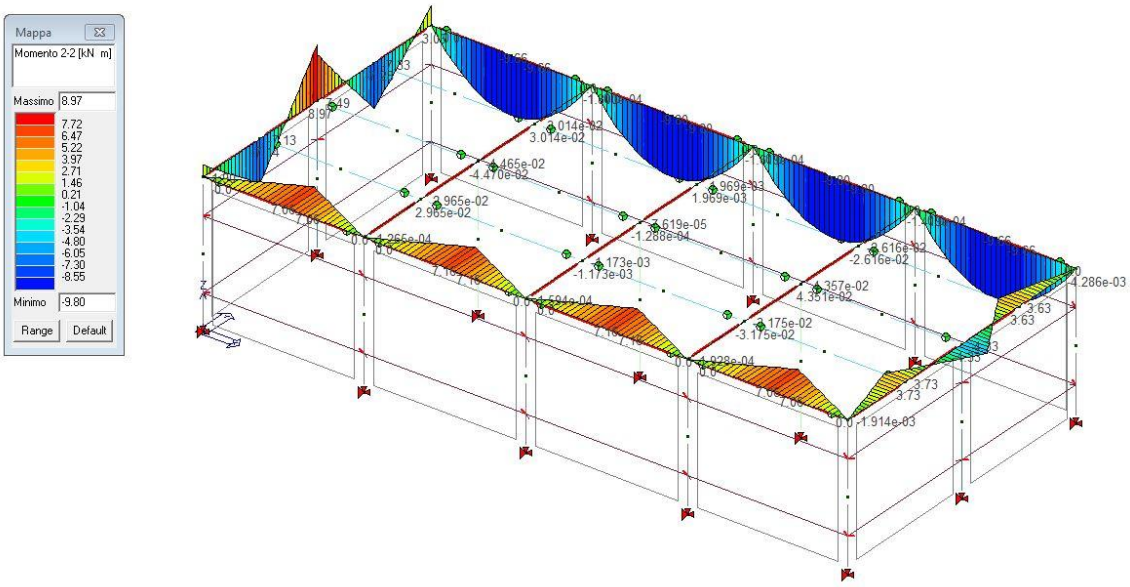

Mappa
Momento 3-3 [kN m]
Massimo 9.27
8.12
6.98
5.84
4.69
3.55
2.41
1.26
0.12
-1.02
-2.17
-3.31
-4.45
-5.60
-6.74
Minimo -7.88
Range
Default

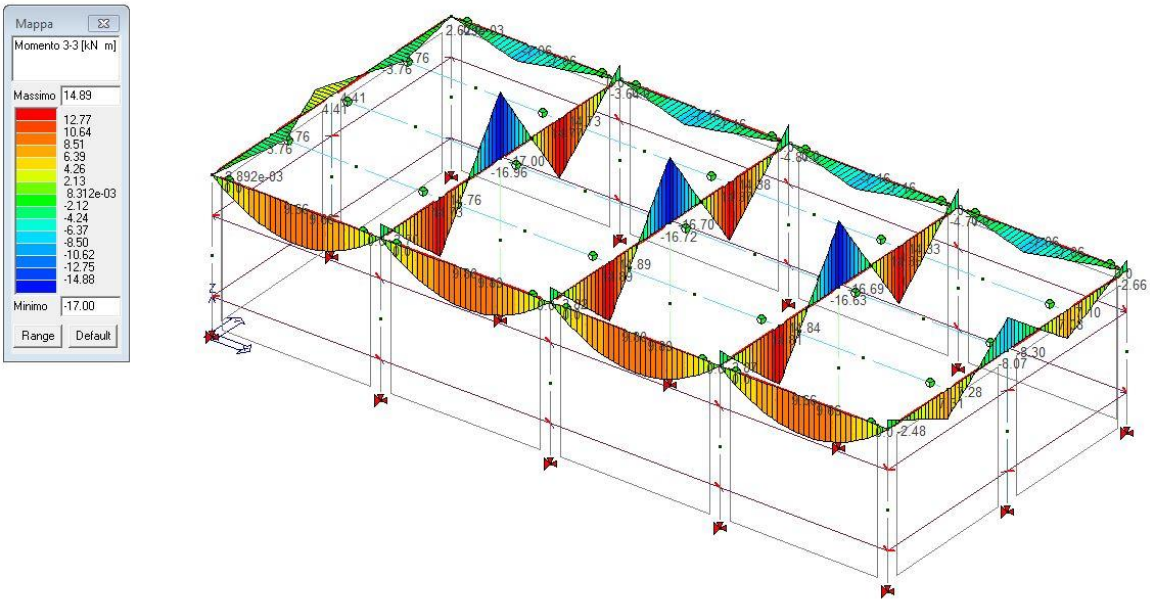
8.2 Travi


Mappa
Sforzo Normale [kN]
Massimo 2.13
1.37
0.62
-0.14
-0.90
-1.66
-2.41
-3.17
-3.93
-4.68
-5.44
-6.20
-6.96
-7.71
-8.47
Minimo -9.23
Range
Default

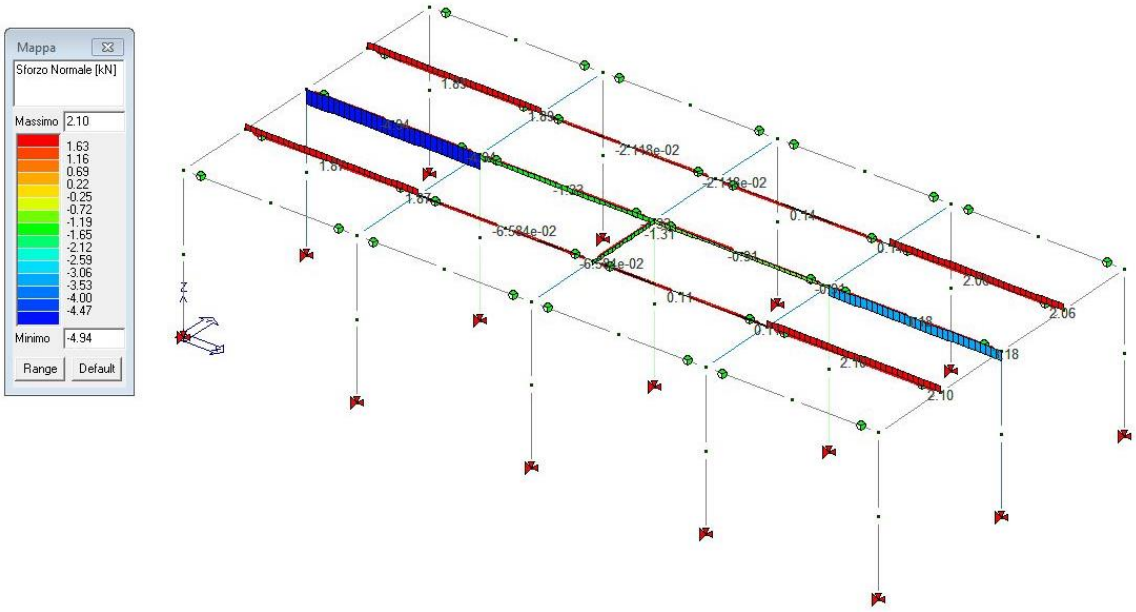

Mappa
Taglio 2 [kN]
Massimo 20.39
17.72
15.04
12.37
9.70
7.02
4.35
1.67
-1.00
-3.67
-6.35
-9.02
-11.69
-14.37
-17.04
Minimo -19.72
Range
Default

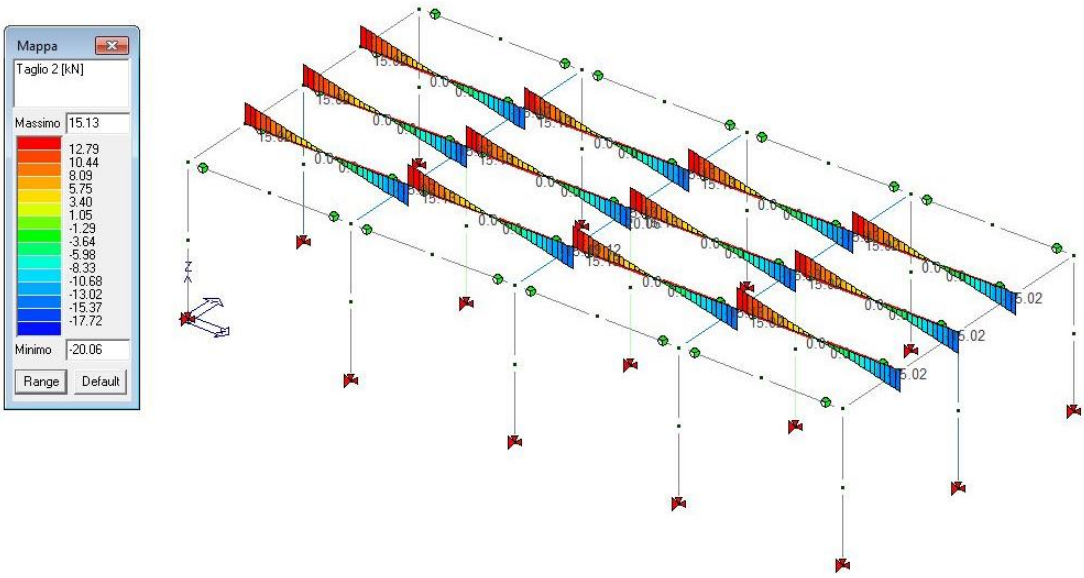

Mappa
Taglio 3 [kN]
Massimo 11.37
9.85
8.33
6.82
5.30
3.79
2.27
0.76
-0.76
-2.27
-3.79
-5.30
-6.82
-8.33
-9.85
Minimo -11.37
Range
Default

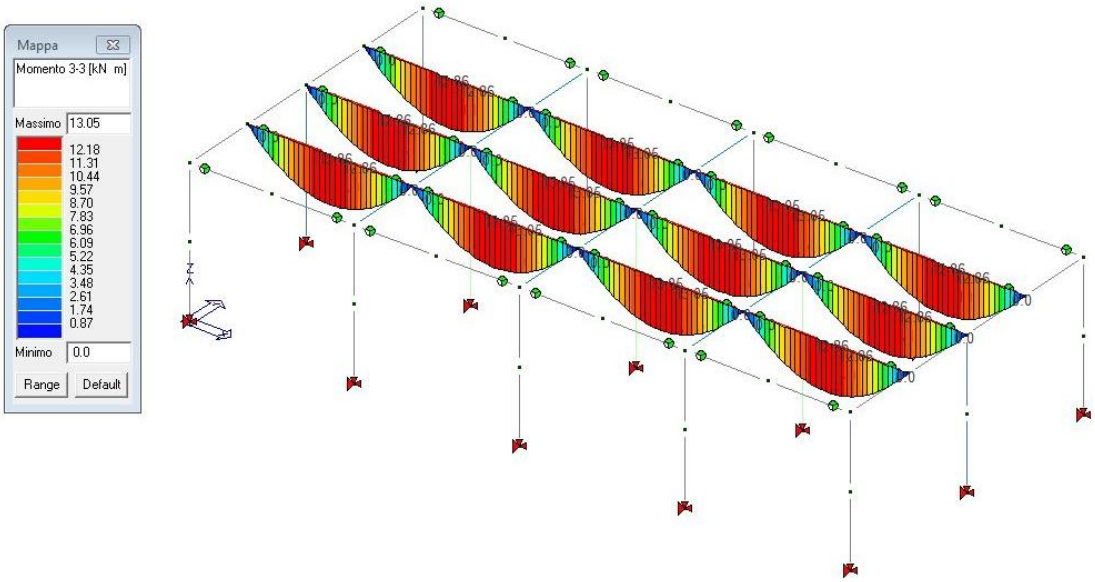

Mappa
Momento 2-2 [kN m]
Massimo 8.97
7.72
6.47
5.22
3.97
2.71
1.46
0.21
-1.04
-2.29
-3.54
-4.80
-6.05
-7.30
-8.55
Minimo -9.80
Range
Default


Mappa
Momento 3-3 [kN m]
Massimo 14.89
12.77
10.64
8.51
6.39
4.26
2.13
8.312e-03
-2.12
-4.24
-6.37
-8.50
-10.62
-12.75
-14.88
Minimo -17.00
Range
Default

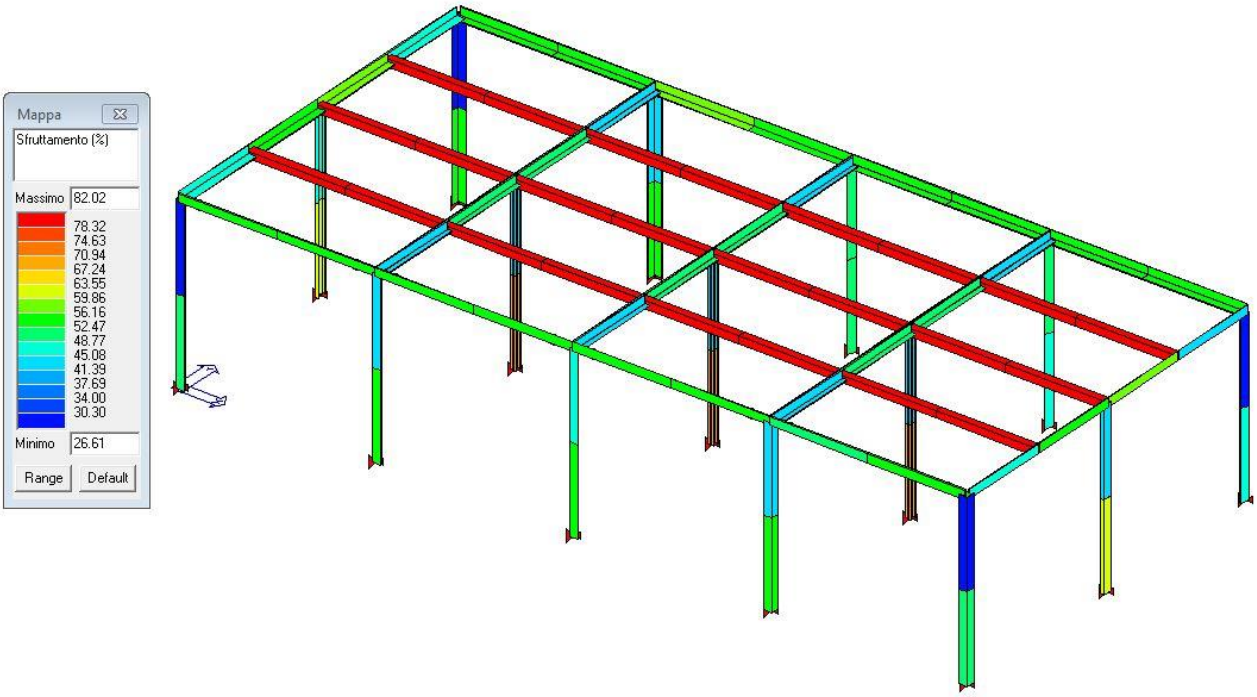
8.3 Arcarecci

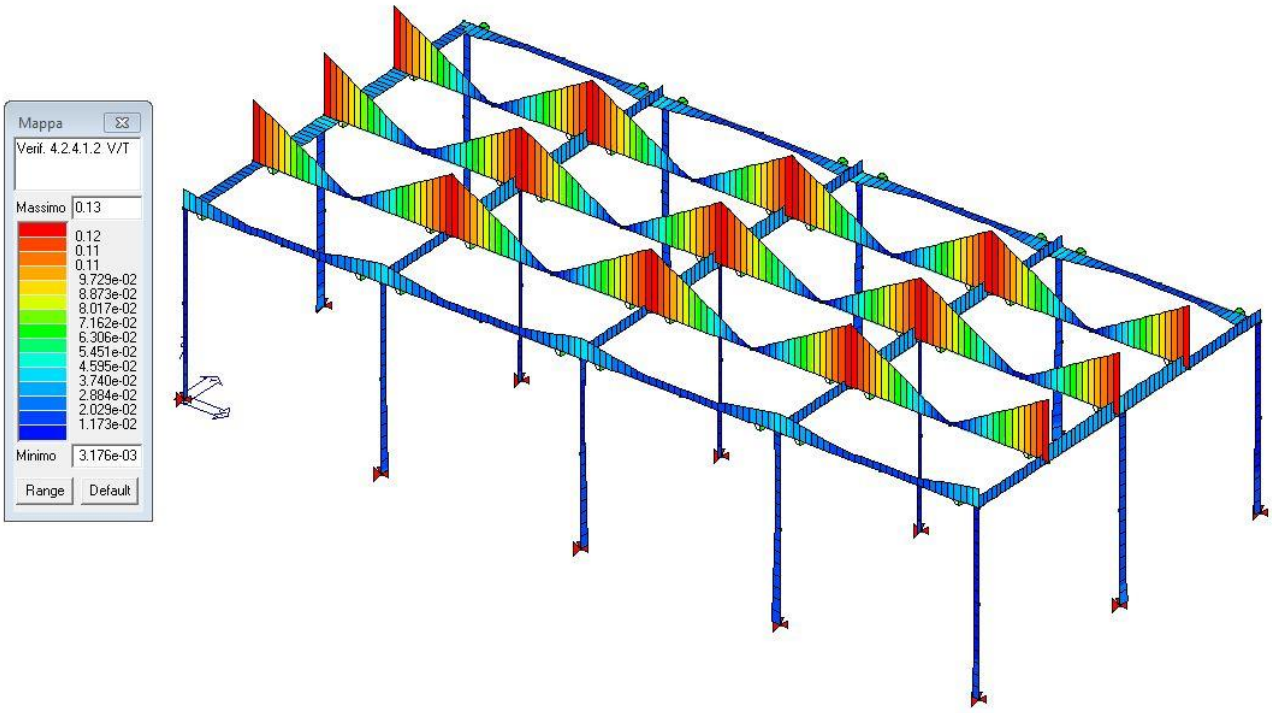


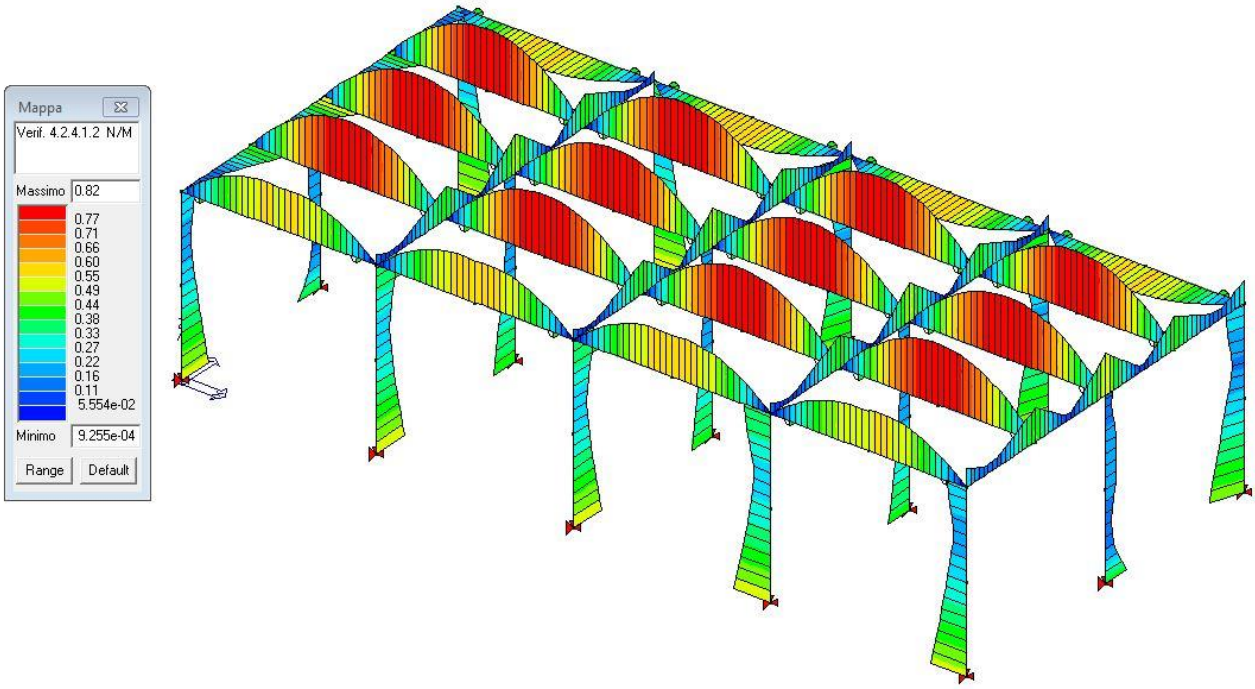


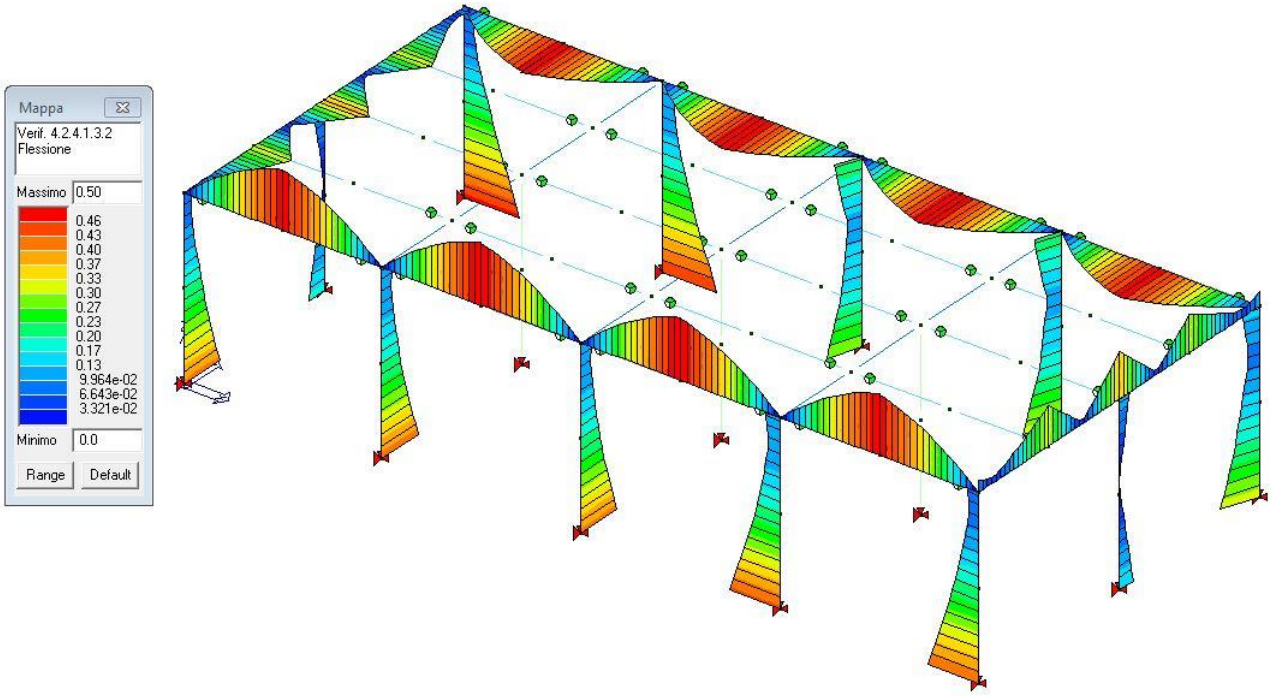


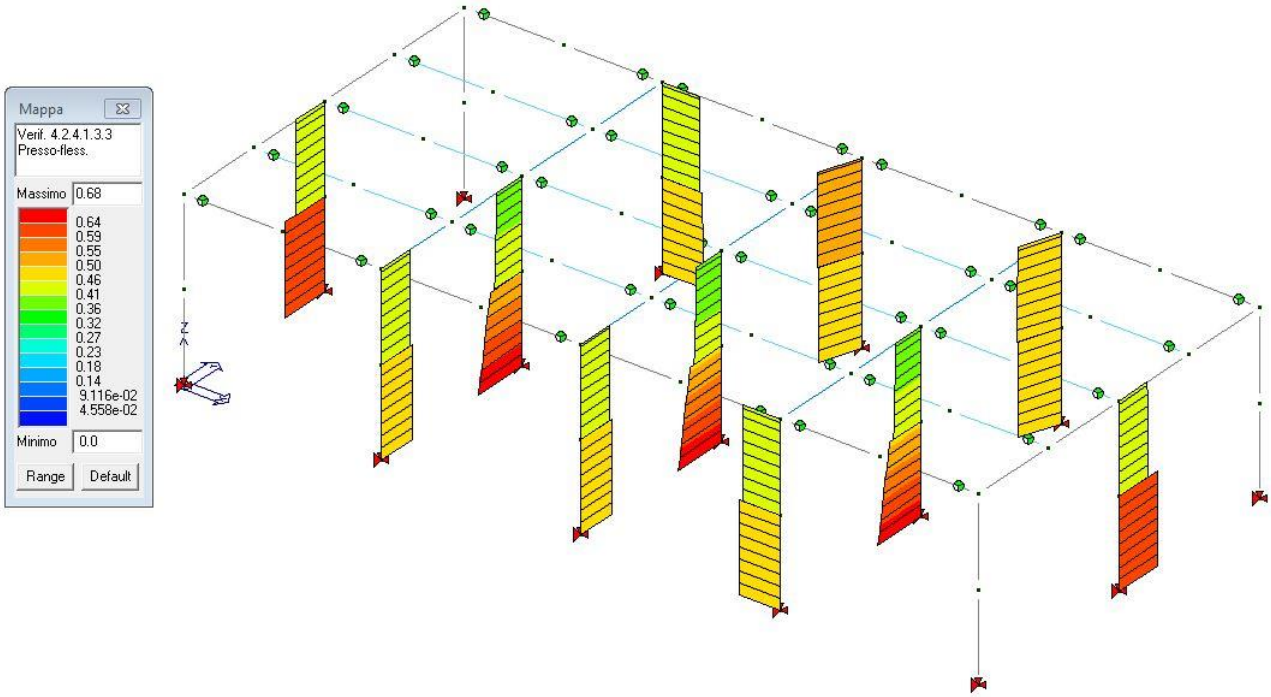
9. VERIFICHE DI SICUREZZA A SLU

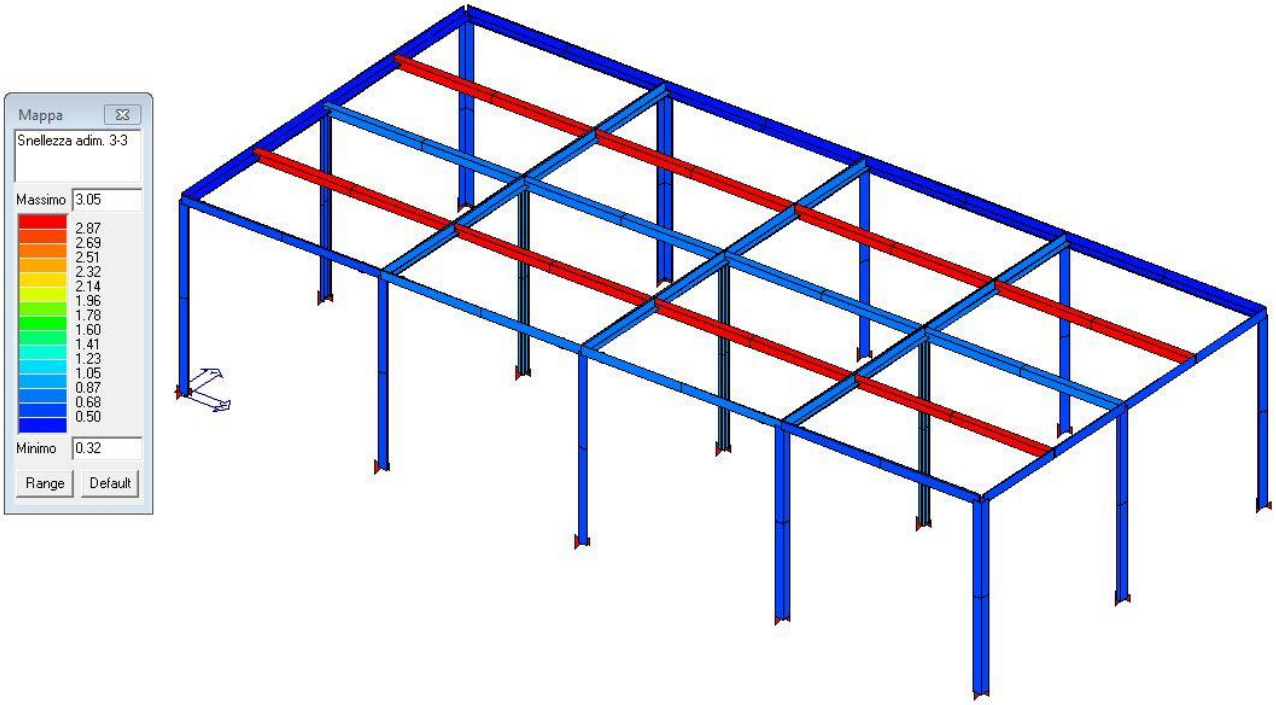


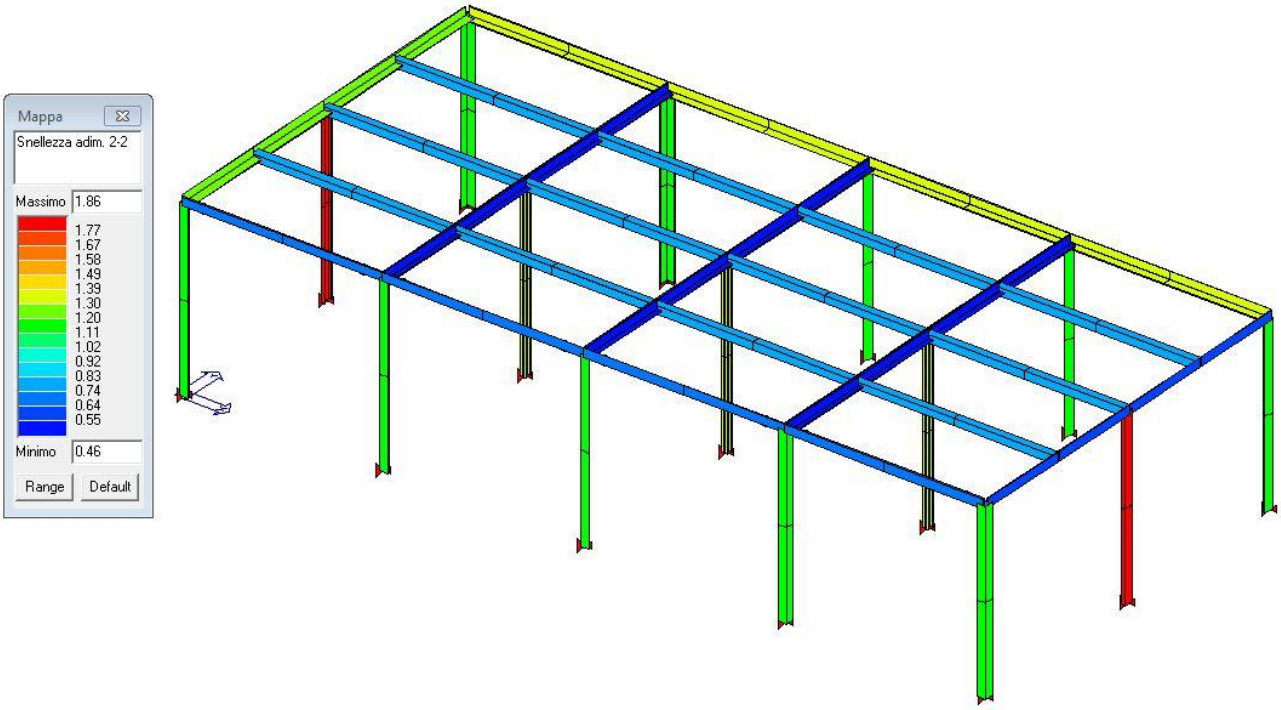



Mappa
Verif. 4.2.4.1.2 N/M
Massimo 0.82
0.77
0.71
0.66
0.60
0.55
0.49
0.44
0.38
0.33
0.27
0.22
0.16
0.11
5.554e-02
Minimo 9.255e-04
Range
Default

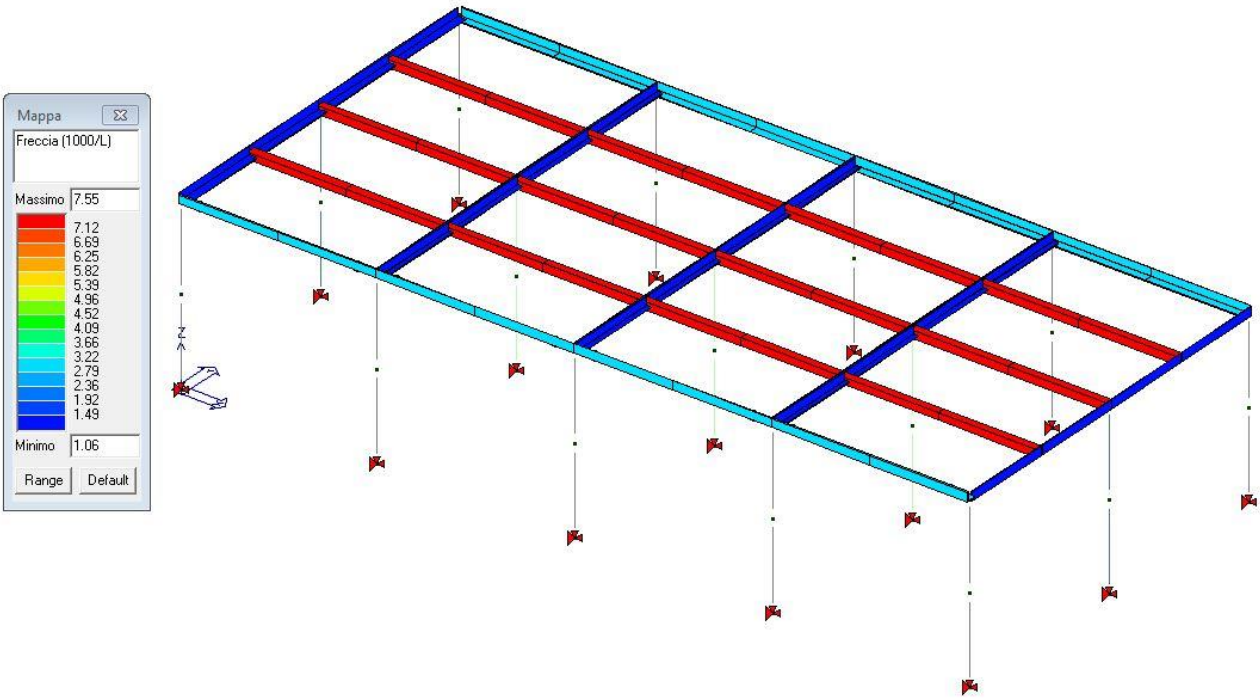

Mappa
Verif. 4.2.4.1.3.2 Flessione
Massimo 0.50
0.46
0.43
0.40
0.37
0.33
0.30
0.27
0.23
0.20
0.17
0.13
9.964e-02
6.643e-02
3.321e-02
Minimo 0.0
Range
Default


Mappa
Verif. 4.2.4.1.3.3
Presso-fless.
Massimo 0.68
0.64
0.59
0.55
0.50
0.46
0.41
0.36
0.32
0.27
0.23
0.18
0.14
9.116e-02
4.558e-02
Minimo 0.0
Range
Default


Mappa
Snellezza adim. 3-3
Massimo 3.05
2.87
2.69
2.51
2.32
2.14
1.96
1.78
1.60
1.41
1.23
1.05
0.87
0.68
0.50
Minimo 0.32
Range
Default



10. VERIFICHE DI SICUREZZA A SLE



11. INQUADRAMENTO GEOTECNICO DEL SEDIME FONDALE

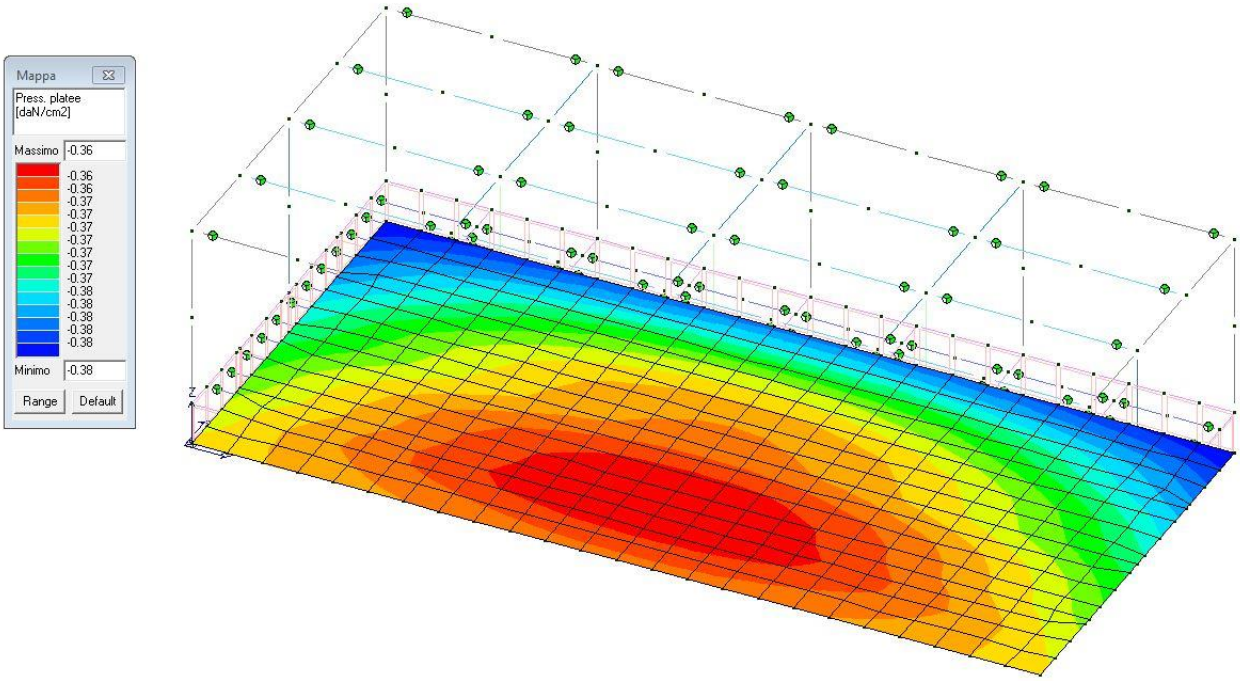
Sulla base di quanto riportato sulla relazione geologica formita dal Comune di Riva presso Chieri a firma del Ing. Geol. Marco Casale, relativa al sito adiacente a quello in analisi, si riassumono sotto i principali parametri di calcolo della portanza del terreno:

Unità geotecnica A (da P.C a -3.20 m)

- γ = 19 kN/mc
- ϕ di picco = 32°
- ϕ residuo = 23°
- E = 5 MPa

12. VERIFICHE GEOTECNICHE

12.1 Pressioni a SLU



12.2 Verifica di capacità portante

Si riporta la verifica il calcolo della capacità portante in combinazione A2+M2+R2 che corrisponde alla minima di calcolo. Si noti come tale valore è comunque molto maggiore della massima pressione trasmessa in combinazione A1 (pressione massima).

TERRENO							
$\beta 1$	=	0	°	inclinazione fondazione	ATTENZIONE		
$\beta 2$	=	0	°	inclinazione piano campagna	$\beta 1+\beta 2$	<	45°
$\gamma 1$	=	19,00	kN/mc	peso specifico efficace			
γsat	=	19,00	kN/mc	peso specifico saturo			
$\gamma 2$	=	16,38	kN/mc	valore di γ nel terzo termine del qlim in funzione della posizione della falda se Zw<D o Zw>(D+B)			
c	0,00	0,00	kN/mq	coesione c'			
φ	23	18,76	°	attrito interno terreno sottostante la fondazione	φ'		
Zw	=	6,00	m	profondità falda			

GEOMETRIA FONDAZIONE					FONDAZIONE RIDOTTA				
B	=	675	cm	lato fondazione	eb=	0,00 m	--->	B'=	6,75 m
L	=	1405	cm	lunghezza fondazione	el=	0,00 m	--->	L'=	14,05 m
H	=	15	cm	altezza suola fondazione					
D	=	102	cm	profondità di posa					

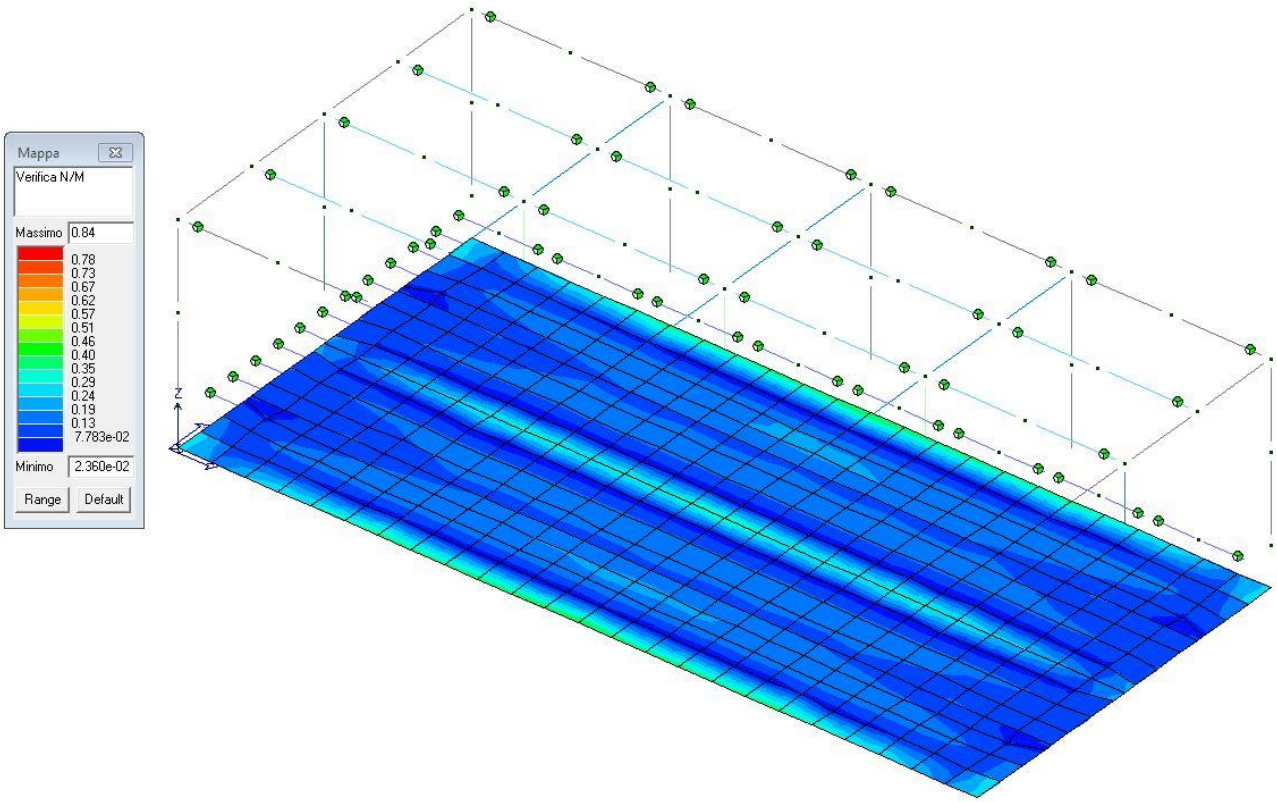
CARICO LIMITE				PRESSIONE AMMISSIBILE				
qlim	=	335,63	kN/mq	q amm	186,46 kN/mq			R1 = 1,0
		3,36	kg/cmq	q agente	30,04 kN/mq	**OK q verificato**		R2 = 1,8
FATTORE DI SICUREZZA ALLO SCORRIMENTO: Sd / Hd						assente	**OK verificato**	R3 = 2,3

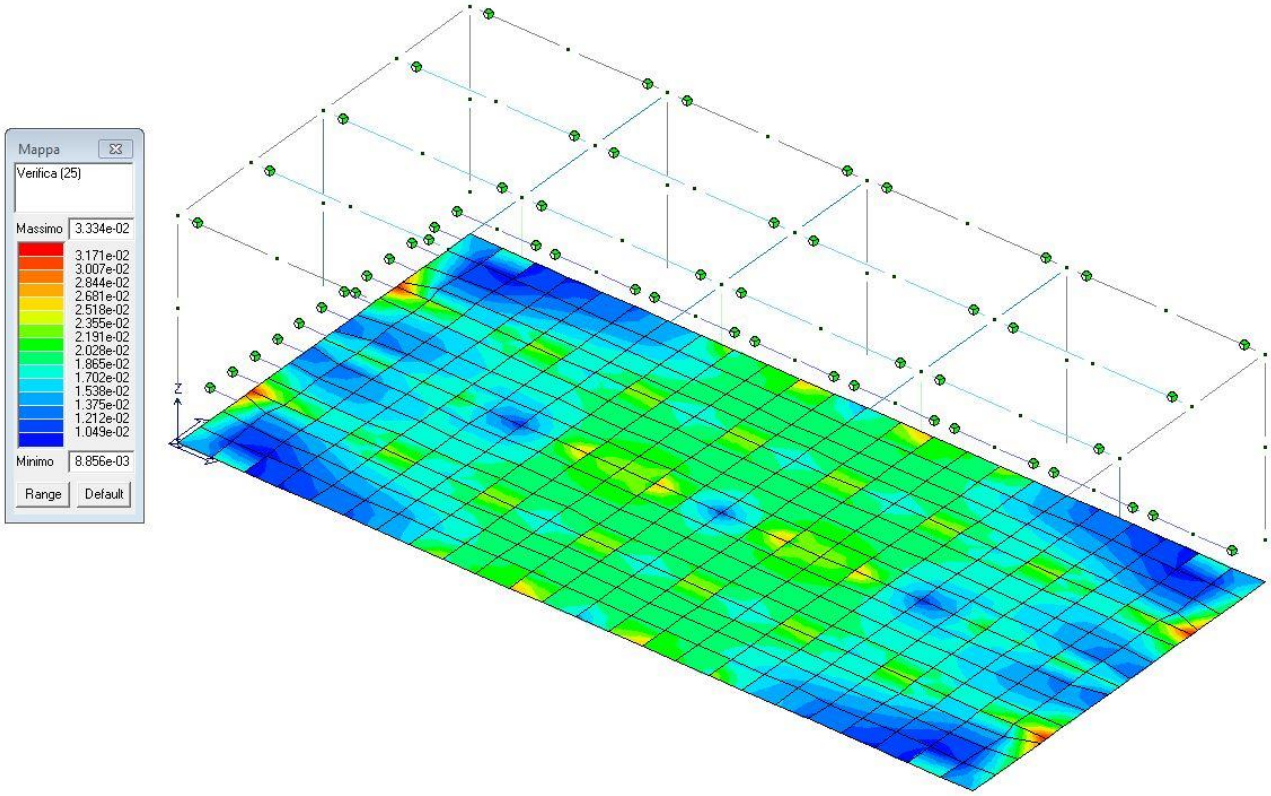
La verifica si considera soddisfatta.

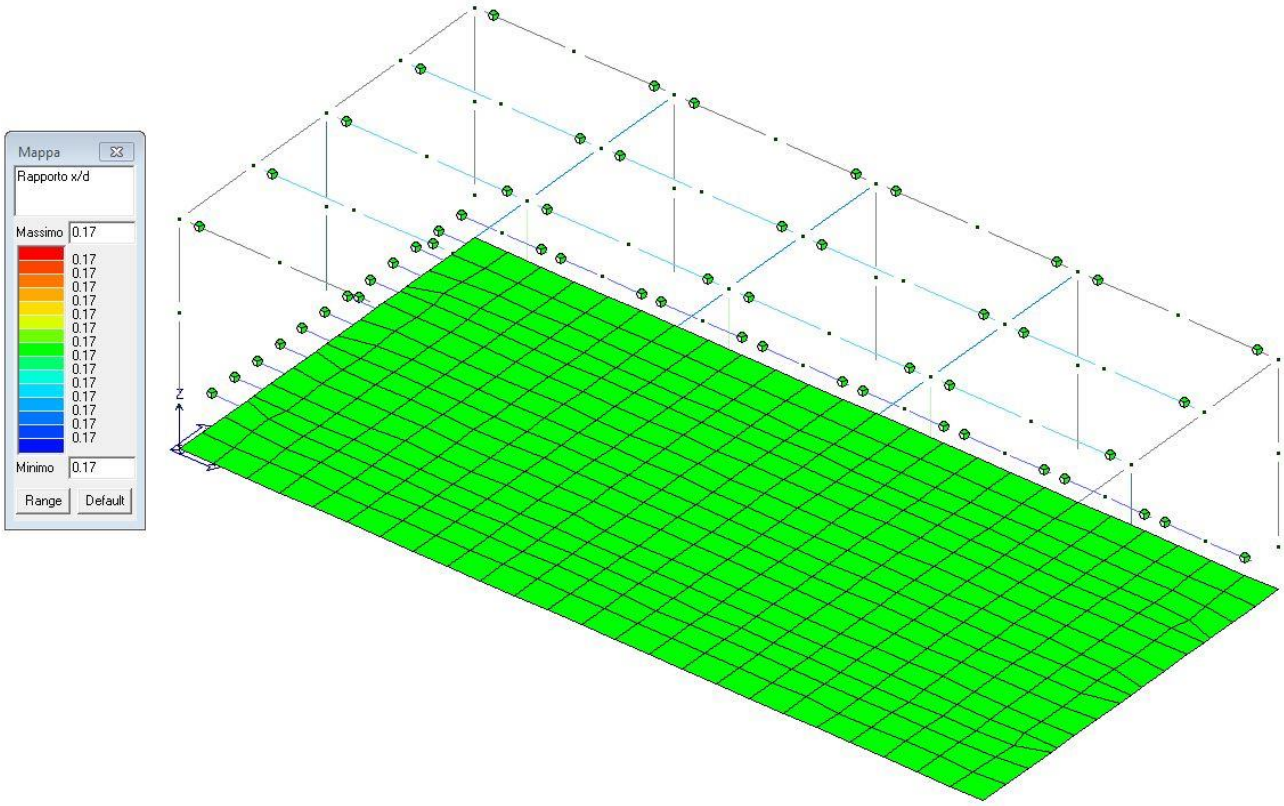
13. VERIFICHE STRUTTURALI

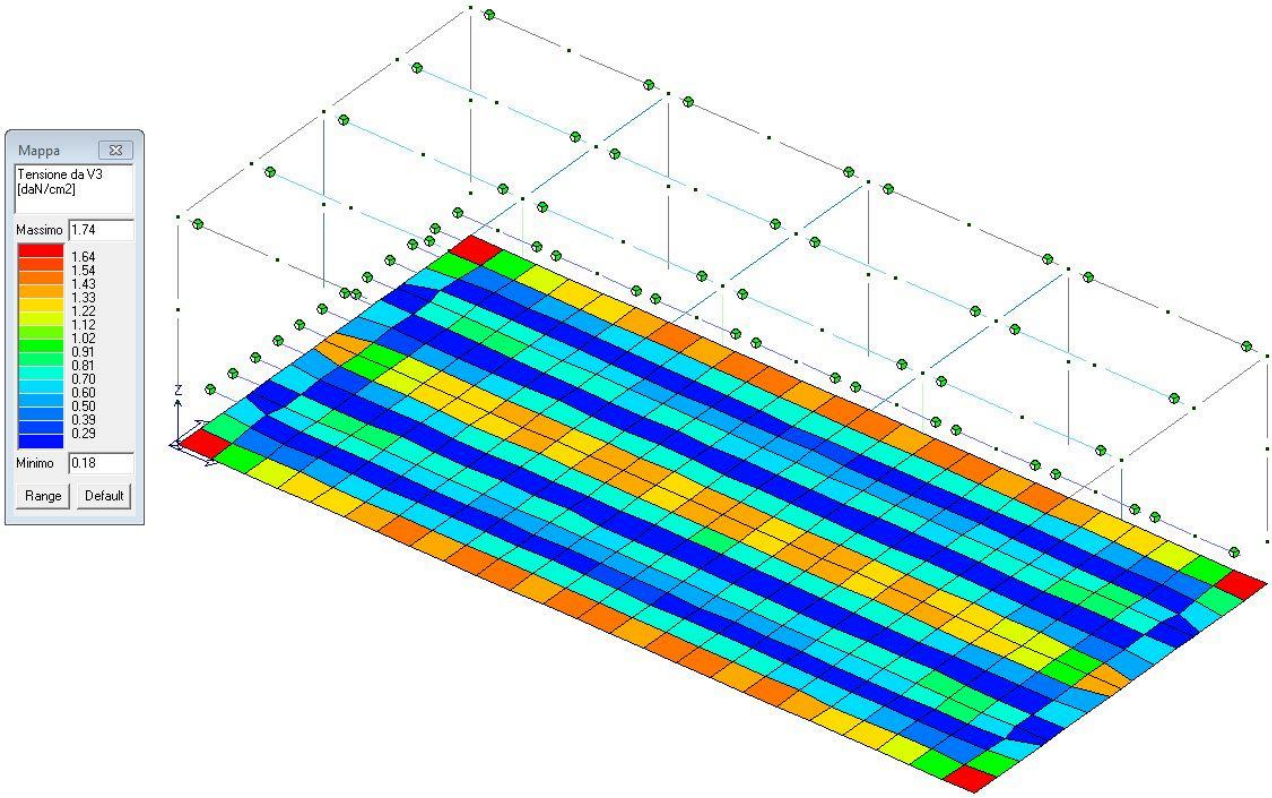
13.1 Platea di fondazione

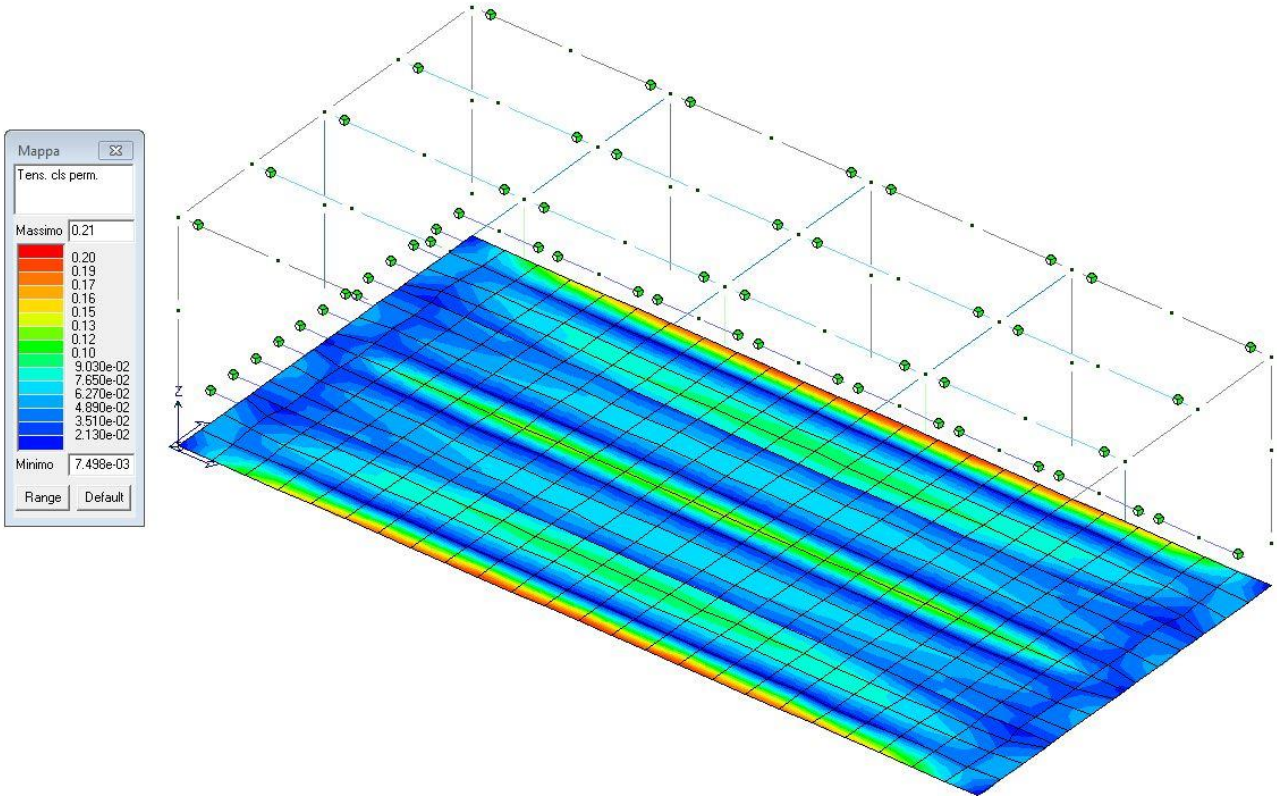
Seguono le immagini a mappe di colore riepilogative delle verifiche condotte ai sensi delle NTC 2018.




Mappa
Verifica (25)
Massimo 3.334e-02
3.171e-02
3.007e-02
2.844e-02
2.681e-02
2.518e-02
2.355e-02
2.191e-02
2.028e-02
1.865e-02
1.702e-02
1.538e-02
1.375e-02
1.212e-02
1.049e-02
Minimo 8.856e-03
Range
Default
Z

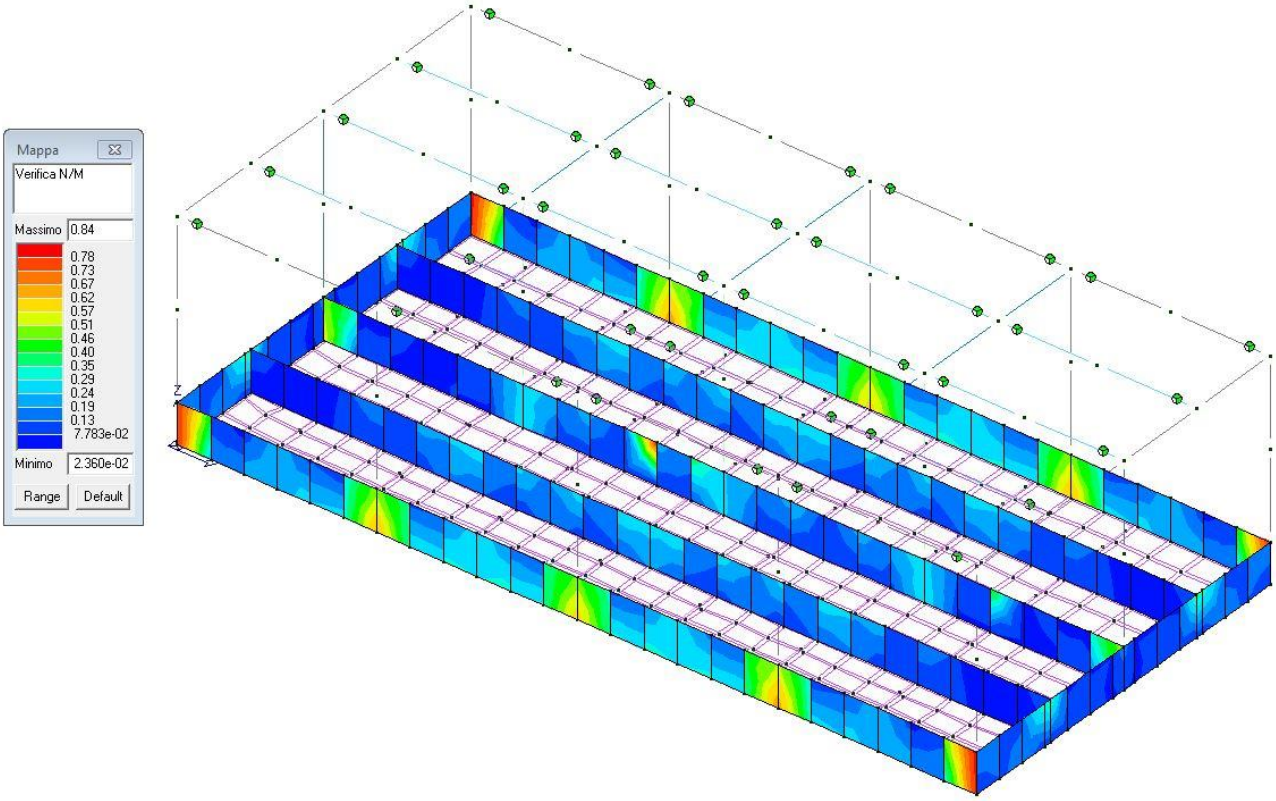

Mappa
Rapporto x/d
Massimo 0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
0.17
Minimo 0.17
Range
Default
Z

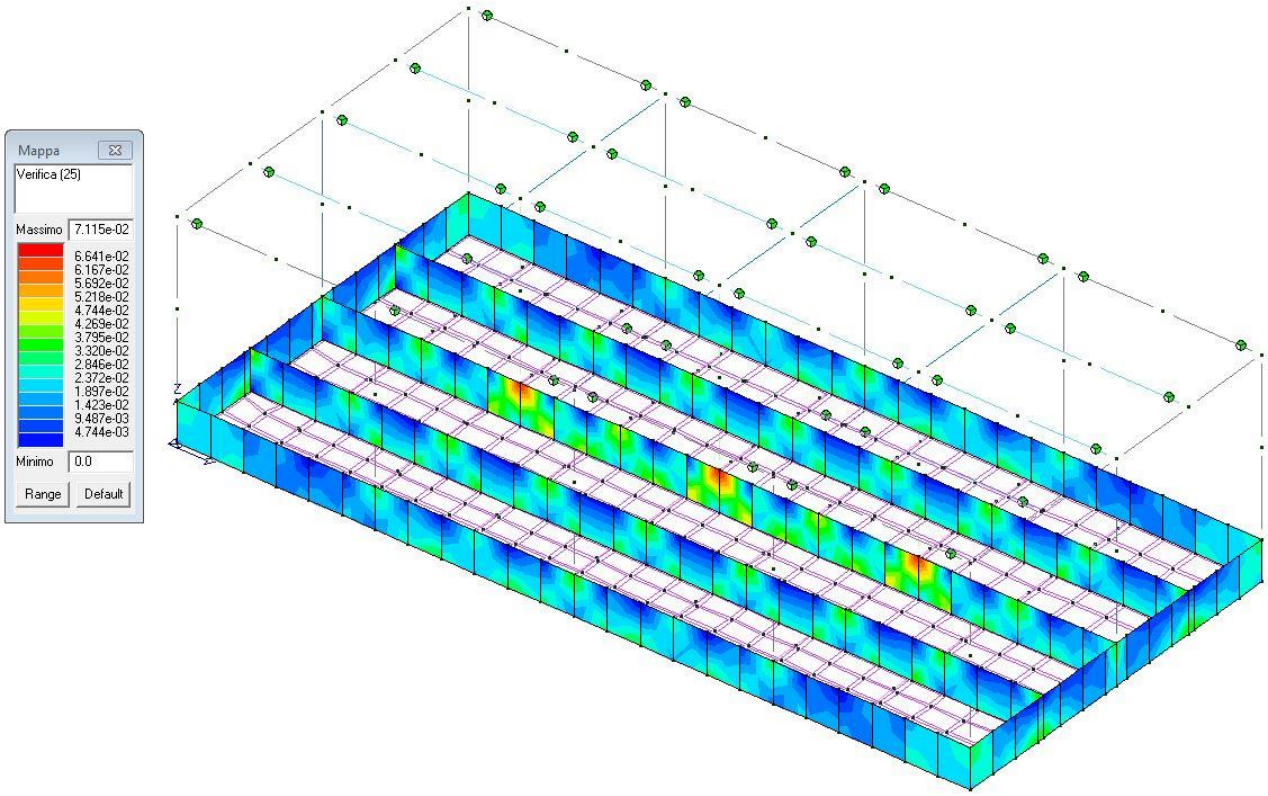

Mappa
Tensione da V3
[daN/cm2]
Massimo 1.74
1.64
1.54
1.43
1.33
1.22
1.12
1.02
0.91
0.81
0.70
0.60
0.50
0.39
0.29
Minimo 0.18
Range
Default

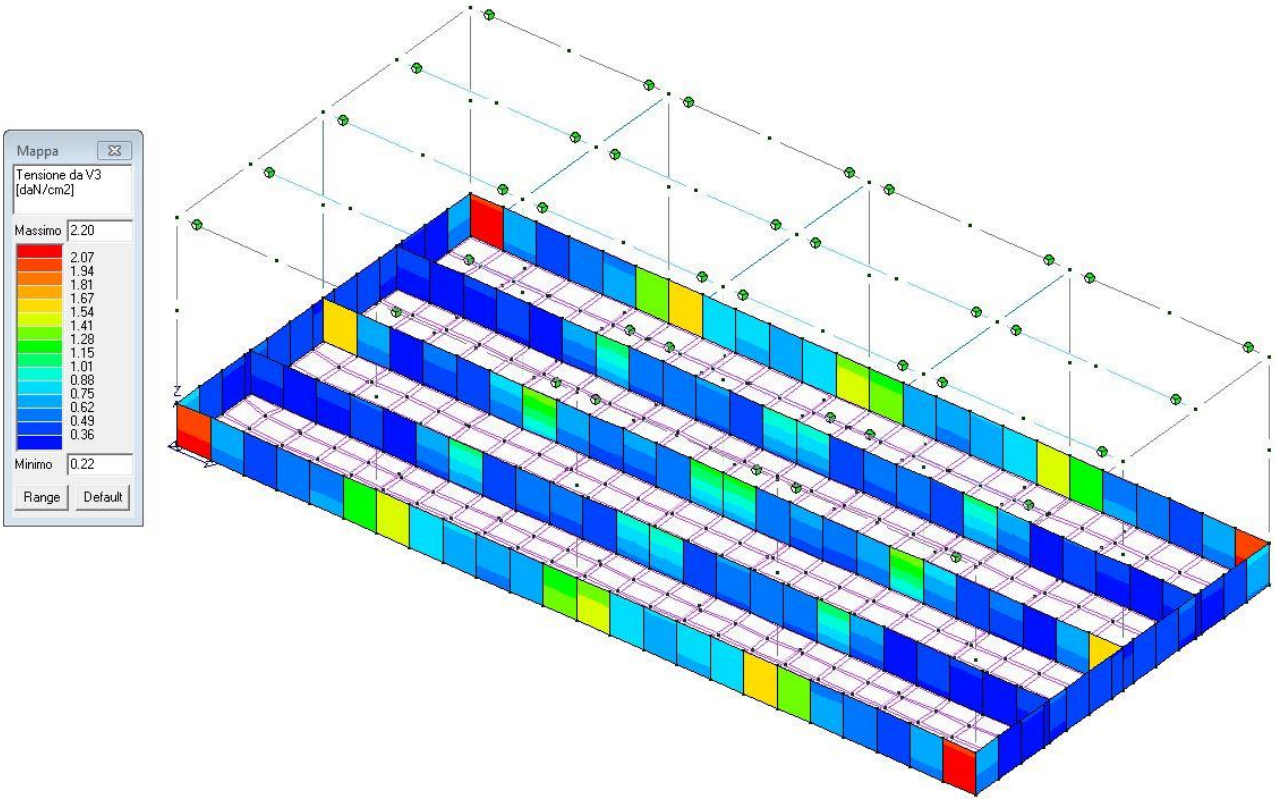

Mappa
Tens. cls perm.
Massimo 0.21
0.20
0.19
0.17
0.16
0.15
0.13
0.12
0.10
9.030e-02
7.650e-02
6.270e-02
4.890e-02
3.510e-02
2.130e-02
Minimo 7.498e-03
Range
Default

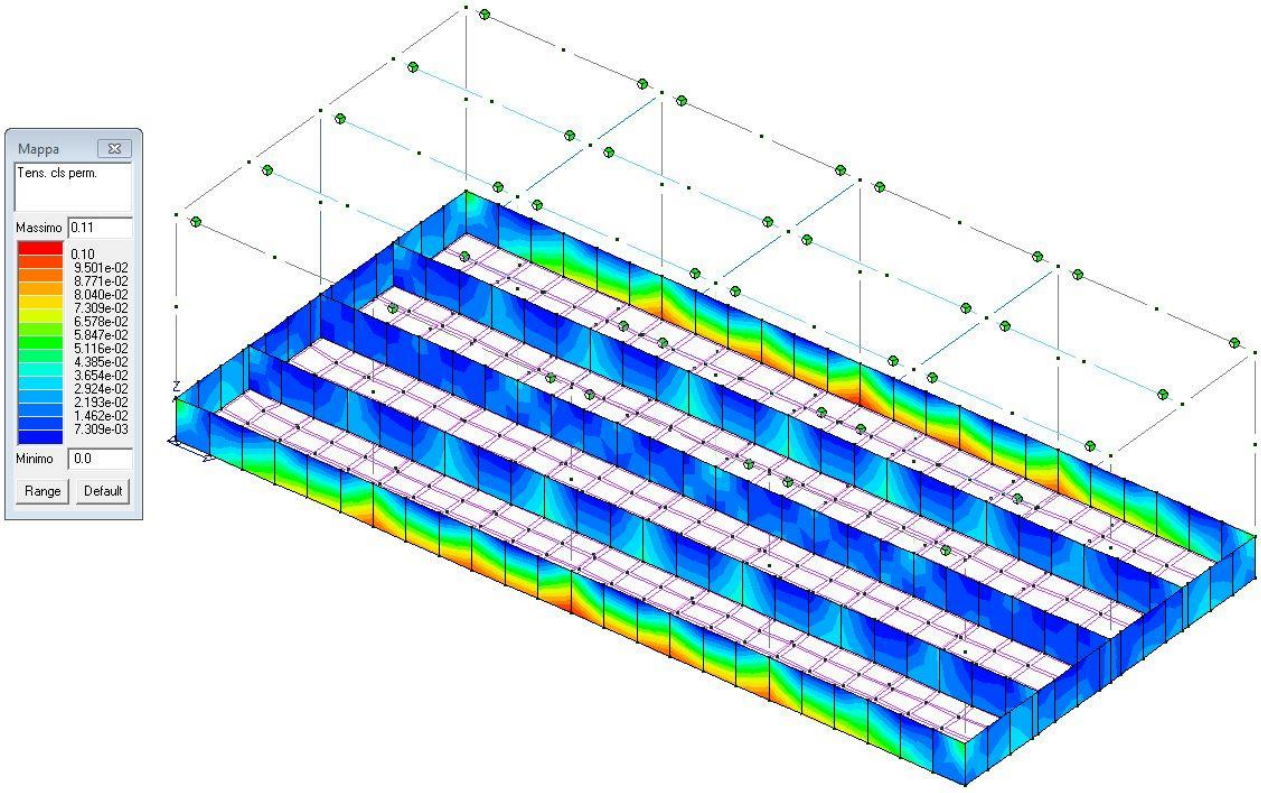
13.2 Cordolo di fondazione

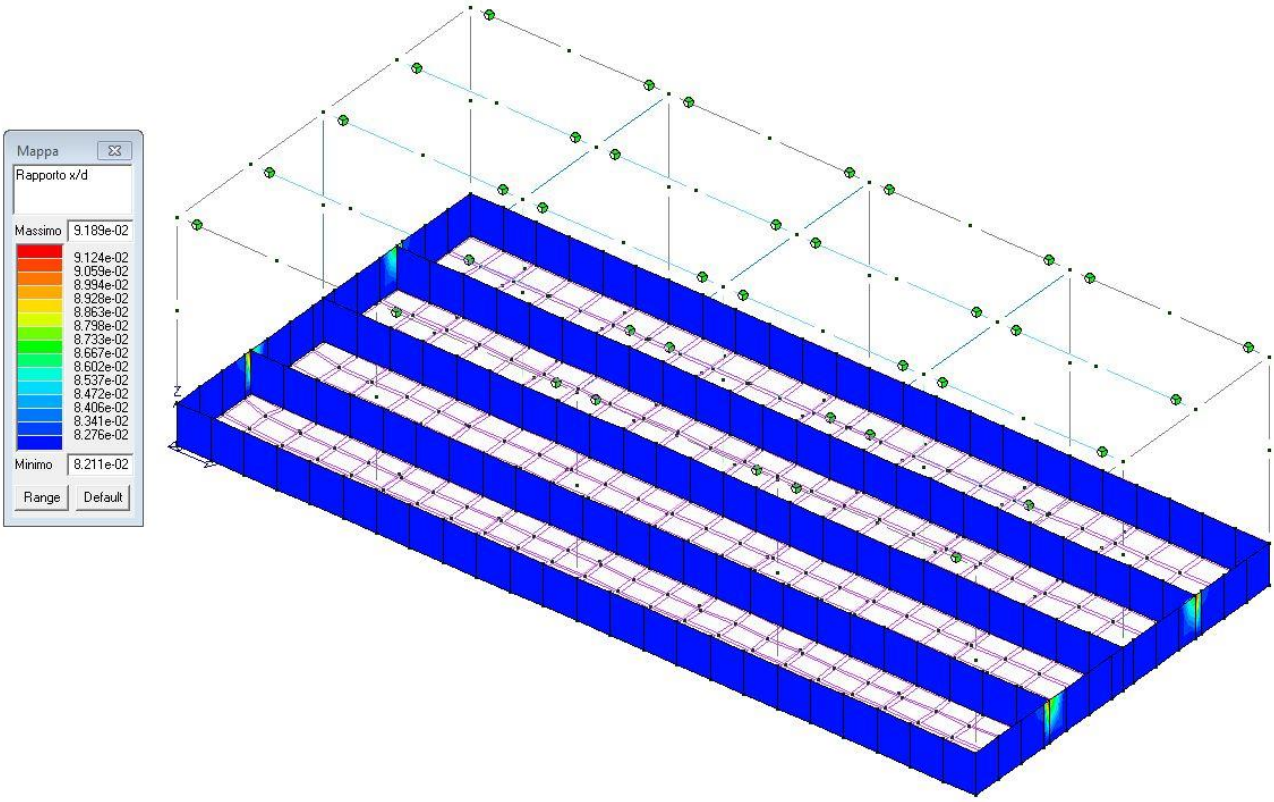
Seguono le immagini a mappe di colore riepilogative delle verifiche condotte ai sensi delle NTC 2018.






Mappa
Tensione da V3
[daN/cm2]
Massimo 2.20
2.07
1.94
1.81
1.67
1.54
1.41
1.28
1.15
1.01
0.88
0.75
0.62
0.49
0.36
Minimo 0.22
Range
Default

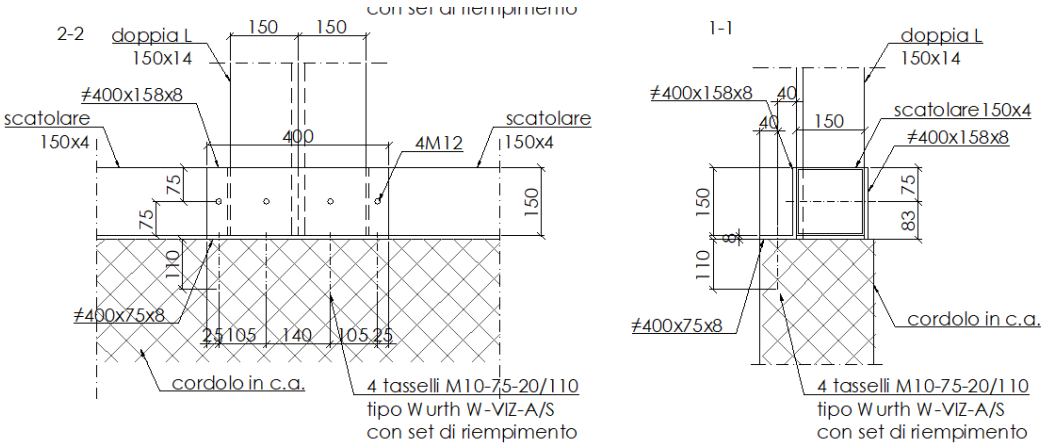

Mappa
Tens. cls perm.
Massimo 0.11
0.10
9.501e-02
8.771e-02
8.040e-02
7.309e-02
6.578e-02
5.847e-02
5.116e-02
4.385e-02
3.654e-02
2.924e-02
2.193e-02
1.462e-02
7.309e-03
Minimo 0.0
Range
Default


Mappa
Rapporto x/d
Massimo
9.189e-02
9.124e-02
9.059e-02
8.994e-02
8.928e-02
8.863e-02
8.798e-02
8.733e-02
8.667e-02
8.602e-02
8.537e-02
8.472e-02
8.406e-02
8.341e-02
8.276e-02
Minimo
8.211e-02
Range
Default

14. TABULATO DI CALCOLO

14.1 Collegamento al cordolo in c.a.

Verifica secondo il D.M. 17/01/2018



Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Colonna

Tipo di profilo: T.QU 150x4

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25
Classe sezione: 1

Flangia:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25
Dimensioni (B x H x Sp): 219.2 x 219.2 x 8.0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)
Diametro gambo Ø = 12 mm A_{res} = 84.8 mm² (ridotta per filettatura)
Diametro dado/testa d_m = 19 mm
Diametro foro $Ø_0$ = 13 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² β_1 = 0.70 β_2 = 0.85
Spessore cordoni d'angolo s_c = 6 mm

Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
8.68	1299.5	-23.1	-65524.4	56022.0	-2039000.0	0.0
8.69	1299.5	-23.1	-13125.3	56022.0	-2039000.0	0.0
8.105	696.8	-576.8	-35999.1	1712000.0	-1061000.0	-199.0
8.112	-1553.3	198.0	-36000.3	-588970.0	2361000.0	-405.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 48858.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 98560.6 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	10252.4	10252.4
2	10252.4	10252.4
3	11027.6	11027.6
4	11027.6	11027.6
5	10252.4	10252.4
6	10252.4	10252.4

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 32572.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	21927.9	21927.9	21927.9	21927.9
2	21927.9	21927.9	21927.9	21927.9
3	54819.8	32572.0	33024.0	32572.0
4	54819.8	32572.0	33024.0	32572.0
5	21927.9	21927.9	21927.9	21927.9
6	21927.9	21927.9	21927.9	21927.9

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 8, CMB n. 69)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	94.00	-94.00	216.6	21927.9	0.0	10252.4	0.009879	Ok
2	94.00	94.00	216.6	21927.9	2160.4	10252.4	0.160397	Ok
3	0.00	-94.00	216.6	32572.0	0.0	11027.6	0.006650	Ok
4	0.00	94.00	216.6	32572.0	2100.9	11027.6	0.142730	Ok
5	-94.00	-94.00	216.6	21927.9	0.0	10252.4	0.009879	Ok
6	-94.00	94.00	216.6	21927.9	2041.3	10252.4	0.152097	Ok

2-Trazione (Nodo n. 8, CMB n. 69)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	94.00	-94.00	0.0	10252.4	0.000000	Ok
2	94.00	94.00	2160.4	10252.4	0.210726	Ok
3	0.00	-94.00	0.0	11027.6	0.000000	Ok
4	0.00	94.00	2100.9	11027.6	0.190512	Ok
5	-94.00	-94.00	0.0	10252.4	0.000000	Ok
6	-94.00	94.00	2041.3	10252.4	0.199106	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

$F_{t,Rd}$ resistenza a trazione di progetto del bullone

$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$

$FV_2 = F_{t,Ed} / F_{t,Rd}$

VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5}$ = 4.243) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 8, CMB n. 68)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1
Profilo lato inferiore	150.0	-41.95	0.00	-0.024	1.95	Ok

Profilo lato destro	150.0	-40.66	0.001.02 40.68	Ok
Profilo lato sinistro	150.0	-41.53	0.001.02 41.54	Ok
Profilo lato superiore	150.0	-10.37	0.00-0.0210.37	Ok

Verifica formula (4.2.85) (Nodo n. 8, CMB n. 68)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$ FV_2 VER_2	
Profilo lato inferiore	150.0	-41.95	0.00-0.0241.95	Ok
Profilo lato destro	150.0	-40.66	0.001.02 40.66	Ok
Profilo lato sinistro	150.0	-41.53	0.001.02 41.53	Ok
Profilo lato superiore	150.0	-10.37	0.00-0.0210.37	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk}$ = 192.50 N/mm^2 $\beta_2 \cdot f_{yk}$ = 233.75 N/mm^2)

Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della colonna (Nodo n. 8, CMB n. 68)

Pressione media a bordo piastra p_{med} = 2,57 N/mm^2
Carico lineare sbalzo q_{lin} = 562,84 N/mm
Lunghezza sbalzo L_s = 34,6 mm
Modulo di resistenza minimo W_{min} = 2338,1 mm^3
Momento resistente $M_{p,Rd}$ = 612368,3 N mm
Momento massimo $M_{p,Ed}$ = 336902,5 N mm
$M_{p,Ed} / M_{p,Rd}$ = 0,550163 Ok

Sezione parallela a Y a filo della colonna (Nodo n. 8, CMB n. 105)

Pressione media a bordo piastra p_{med} = 1,80 N/mm^2
Carico lineare sbalzo q_{lin} = 393,86 N/mm
Lunghezza sbalzo L_s = 34,6 mm
Modulo di resistenza minimo W_{min} = 2338,1 mm^3
Momento resistente $M_{p,Rd}$ = 612368,3 N mm
Momento massimo $M_{p,Ed}$ = 235758,2 N mm
$M_{p,Ed} / M_{p,Rd}$ = 0,384994 Ok

Verifica del momento di progetto del giunto (Nodo n. 8, CMB n. 69)

Momento resistente del giunto $M_{j,Rd}$ = 5323520.0 N mm
Momento di progetto $M_{j,Ed}$ = 1056870.0 N mm
$M_{j,Ed} / M_{j,Rd}$ = 0.198529 Ok

Ancoraggio

Tirafondi con ancoraggio chimico/meccanico

Resistenza a trazione di progetto $F_{t,an,Rd}$ = 10000.0 N

Calcestruzzo

Resistenza cubica caratteristica a compressione R_{ck} = 30.00 N/mm^2
Resistenza cilindrica caratteristica a compressione $f_{ck} = 0.83 \cdot R_{ck}$ =24.90 N/mm^2
Resistenza di calcolo a compressione $f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_C$ =14.11 N/mm^2

Compressione massima calcestruzzo (Nodo n. 8, CMB n. 112)

p_{max} = 2.63 N/mm^2 < f_{cd} Ok

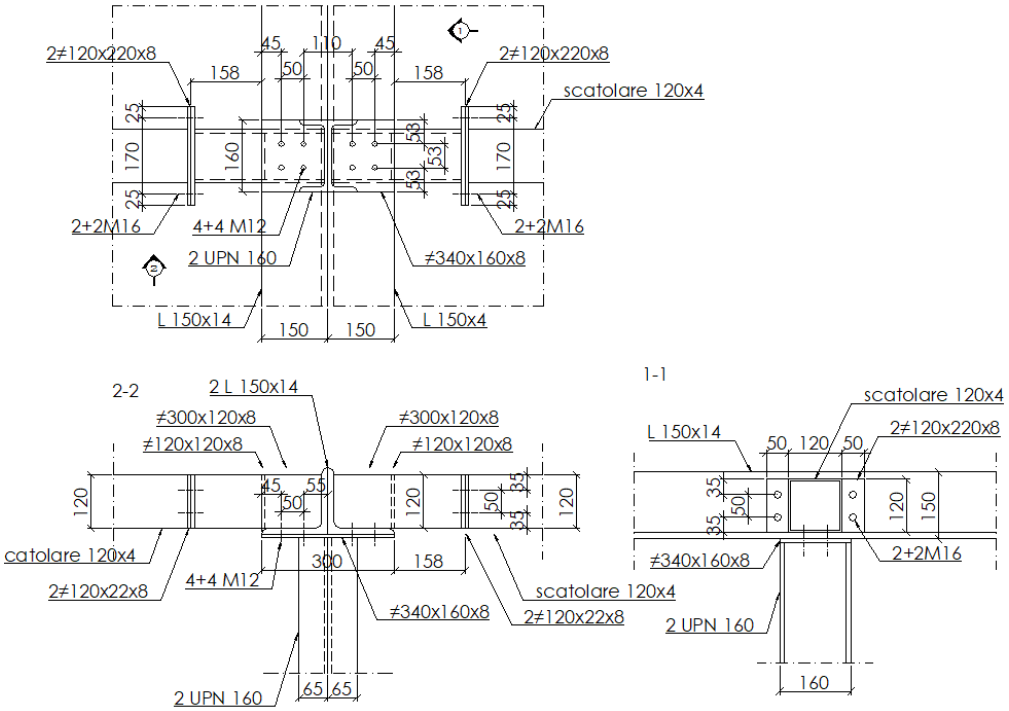
Verifica ancoraggio

Si considera la massima sollecitazione di trazione agente nei tirafondi (Nodo n. 8, CMB n. 69)

Trazione di progetto dell'ancoraggio $F_{t,an,Ed} = \max [F_{t,Ed}]$ = 2160.4 N
$F_{t,an,Rd} > F_{t,an,Ed}$ Ok

14.2 Nodo trave pilastro solaio quota +2.82m - Centrale

Verifica secondo il D.M. 17/01/2018



Trave 2

Tipo di profilo: DoppioT 100x150x12x12

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 3+

Tipo di profilo: T.QU 130x3

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Flangia:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Dimensioni (B x H x Sp): 210.8 x 136.0 x 8.0 mm

Spessore nervature orizzontali: 3.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm² (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² β_1 = 0.70 β_2 = 0.85

Spessore cordoni d'angolo s_c = 3 mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
23.1	3197.5	0.0	-212.6	0.0	0.0	0.1
23.36	15132.4	0.0	-1261.5	0.0	0.0	50.0
23.48	13880.7	0.0	-1352.8	0.0	0.0	83.0
23.76	15132.4	0.0	-999.6	0.0	0.0	1032.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 90333.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 124497.5 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	18521.9	18521.9
2	18521.9	18521.9
3	18521.9	18521.9
4	18521.9	18521.9

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	44032.0	44032.0	37263.2	37263.2
2	44032.0	44032.0	37263.2	37263.2
3	44032.0	44032.0	37263.2	37263.2
4	44032.0	44032.0	37263.2	37263.2

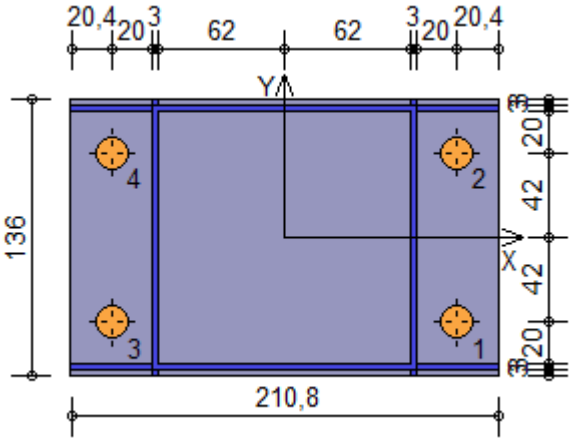
Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y



Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 23, CMB n. 76)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	85.00	-42.00	3780.7	37263.2	0.0	18521.9	0.101458	Ok
2	85.00	42.00	3780.7	37263.2	0.0	18521.9	0.101458	Ok
3	-85.00	-42.00	3785.5	37263.2	0.0	18521.9	0.101589	Ok
4	-85.00	42.00	3785.5	37263.2	0.0	18521.9	0.101589	Ok

2-Trazione (Elemento non caricato)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	85.00	-42.00	0.0	18521.9	0.000000	Ok
2	85.00	42.00	0.0	18521.9	0.000000	Ok
3	-85.00	-42.00	0.0	18521.9	0.000000	Ok

4	-85.00	42.00	0.0	18521.9	0.000000	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 2.121$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 23, CMB n. 36)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_1	VER_1	
Profilo lato inferiore		130.0	-1.14	0.00	0.00	1.14	Ok
Profilo lato destro		130.0	-1.14	0.00	27.44	27.46	Ok
Profilo lato sinistro		130.0	-1.14	0.00	27.44	27.46	Ok
Profilo lato superiore		130.0	-1.14	0.00	0.00	1.14	Ok

Verifica formula (4.2.85) (Nodo n. 23, CMB n. 48)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_2	VER_2	
Profilo lato inferiore		130.0	-1.23	0.00	0.00	1.23	Ok
Profilo lato destro		130.0	-1.23	0.00	25.17	1.23	Ok
Profilo lato sinistro		130.0	-1.23	0.00	25.17	1.23	Ok
Profilo lato superiore		130.0	-1.23	0.00	0.00	1.23	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone
$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone
$\tau_{||}$ tensione tangenziale parallela all'asse del cordone
$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$
$FV_2 = |n_\perp| + |t_\perp|$
$VER_i \rightarrow FV_i \leq \beta_i \bullet f_{yk}$ ($\beta_1 \bullet f_{yk} = 192.50$ N/mm^2 $\beta_2 \bullet f_{yk} = 233.75$ N/mm^2)

Trave lato 3-

Tipo di profilo: T.QU 130x3
Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\gamma_{ov} = 1.25$
Classe sezione: 1

Flangia:

Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\gamma_{ov} = 1.25$
Dimensioni (B x H x Sp): 210.8 x 136.0 x 8.0 mm
Spessore nervature orizzontali: 3.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640$ N/mm^2, $f_{tb} = 800$ N/mm^2)
Diametro gambo Ø = 16 mm $A_{res} = 156.8$ mm^2 (ridotta per filettatura)
Diametro dado/testa $d_m = 24$ mm
Diametro foro $Ø_0 = 17$ mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\beta_1 = 0.70$ $\beta_2 = 0.85$
Spessore cordoni d'angolo $s_c = 3$ mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
23.1	3197.5	0.0	-212.6	0.0	0.0	0.1
23.16	15132.4	0.0	-1261.5	0.0	0.0	50.0
23.24	13880.7	0.0	-1352.8	0.0	0.0	83.0
23.56	15132.4	0.0	-999.6	0.0	0.0	1032.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 90333.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$ 124497.5 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	18521.9	18521.9
2	18521.9	18521.9
3	18521.9	18521.9
4	18521.9	18521.9

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	44032.0	44032.0	37263.2	37263.2
2	44032.0	44032.0	37263.2	37263.2
3	44032.0	44032.0	37263.2	37263.2
4	44032.0	44032.0	37263.2	37263.2

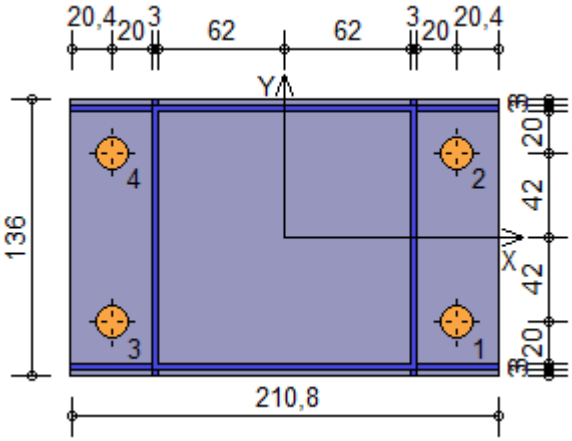
Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \varnothing \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y



Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 23, CMB n. 56)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	85.00	-42.00	3780.7	37263.2	0.0	18521.9	0.101458	Ok
2	85.00	42.00	3780.7	37263.2	0.0	18521.9	0.101458	Ok
3	-85.00	-42.00	3785.5	37263.2	0.0	18521.9	0.101589	Ok
4	-85.00	42.00	3785.5	37263.2	0.0	18521.9	0.101589	Ok

2-Trazione (Elemento non caricato)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	85.00	-42.00	0.0	18521.9	0.000000	Ok
2	85.00	42.00	0.0	18521.9	0.000000	Ok
3	-85.00	-42.00	0.0	18521.9	0.000000	Ok
4	-85.00	42.00	0.0	18521.9	0.000000	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone
$F_{v,Rd}$ resistenza a taglio di progetto del bullone
$F_{t,Ed}$ forza di trazione agente sul bullone
$F_{t,Rd}$ resistenza a trazione di progetto del bullone
$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$
$FV_2 = F_{t,Ed} / F_{t,Rd}$
VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)
Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 2.121$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 23, CMB n. 16)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_1	VER_1	
Profilo lato inferiore		130.0	-1.14	0.00	0.00	1.14	Ok
Profilo lato destro		130.0	-1.14	0.00	27.44	27.46	Ok
Profilo lato sinistro		130.0	-1.14	0.00	27.44	27.46	Ok
Profilo lato superiore		130.0	-1.14	0.00	0.00	1.14	Ok

Verifica formula (4.2.85) (Nodo n. 23, CMB n. 24)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_2	VER_2	
Profilo lato inferiore		130.0	-1.23	0.00	0.00	1.23	Ok
Profilo lato destro		130.0	-1.23	0.00	25.17	1.23	Ok
Profilo lato sinistro		130.0	-1.23	0.00	25.17	1.23	Ok
Profilo lato superiore		130.0	-1.23	0.00	0.00	1.23	Ok

Legenda
$n_\perp$ tensione normale perpendicolare all'asse del cordone
$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone
$\tau_{||}$ tensione tangenziale parallela all'asse del cordone
$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$
$FV_2 = |n_\perp| + |t_\perp|$
$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 192.50$ N/mm^2 $\beta_2 \cdot f_{yk} = 233.75$ N/mm^2)

Colonna lato inferiore

Tipo di profilo: UNP 100
Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\gamma_{ov} = 1.25$
Classe sezione: 0

Flangia:
Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\gamma_{ov} = 1.25$
Dimensioni (B x H x Sp): 50.0 x 100.0 x 8.0 mm

Bullonature:
Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640$ N/mm^2, $f_{tb} = 800$ N/mm^2)
Diametro gambo Ø = 12 mm $A_{res} = 84.8$ mm^2 (ridotta per filettatura)
Diametro dado/testa $d_m = 19$ mm
Diametro foro $Ø_0 = 13$ mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):
$S_{j,ini}$ non calcolabile

Saldature:
Materiale: Acciaio S275 $f_y = 275$ N/mm^2 $f_t = 430$ N/mm^2 $\beta_1 = 0.70$ $\beta_2 = 0.85$
Spessore cordoni d'angolo $s_c = 4$ mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
23.69	-1299.5	-23.1	-12480.9	14065.0	1912000.0	0.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 48858.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$ 98560.6 N

Resistenza a punzonamento ala passante $B_{pa,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_a \cdot f_{tk} / \gamma_{M2} =$ 147840.8 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	14976.7	14976.7
2	14976.7	14976.7
3	14976.7	14976.7
4	14976.7	14976.7

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , B_{pa,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 32572.0 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	44455.4	50806.2	32572.0	53981.5	86497.5	32572.0
2	44455.4	50806.2	32572.0	53981.5	86497.5	32572.0
3	44455.4	50806.2	32572.0	53981.5	86497.5	32572.0
4	44455.4	50806.2	32572.0	53981.5	86497.5	32572.0

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

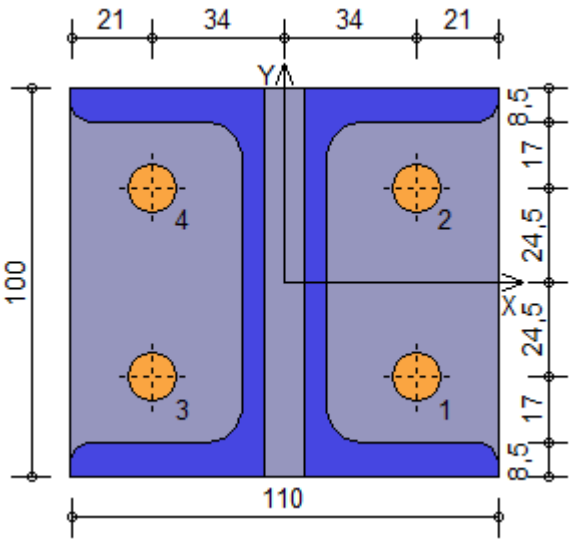
$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala passante in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala passante in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y



Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 23, CMB n. 69)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	34.00	-24.50	324.9	32572.0	9652.9	14976.7	0.470356	Ok
2	34.00	24.50	324.9	32572.0	1242.8	14976.7	0.069247	Ok
3	-34.00	-24.50	324.9	32572.0	9610.8	14976.7	0.468345	Ok
4	-34.00	24.50	324.9	32572.0	1200.6	14976.7	0.067236	Ok

2-Trazione (Nodo n. 23, CMB n. 69)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	34.00	-24.50	9652.9	14976.7	0.644532	Ok
2	34.00	24.50	1242.8	14976.7	0.082980	Ok
3	-34.00	-24.50	9610.8	14976.7	0.641717	Ok
4	-34.00	24.50	1200.6	14976.7	0.080164	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

$F_{t,Rd}$ resistenza a trazione di progetto del bullone

$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \bullet F_{t,Rd})$

$FV_2 = F_{t,Ed} / F_{t,Rd}$

$VER \rightarrow FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 2.828$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 23, CMB n. 68)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|}$ FV_1 VER_1	
Ala inferiore interno profilo destro	35.5	15.94	0.00-0.0615.94	Ok
Ala inferiore interno profilo sinistro	35.5	14.19	0.00-0.0614.19	Ok
Anima profilo destro	66.0	-164.24	0.00-3.48164.28	Ok
Anima profilo sinistro	66.0	-164.24	0.00-3.48164.28	Ok
Ala superiore interno profilo destro	35.5	-181.12	0.00-0.06181.12	Ok
Ala superiore interno profilo sinistro	35.5	-182.87	0.00-0.06182.87	Ok

Verifica formula (4.2.85) (Nodo n. 23, CMB n. 68)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|}$ FV_2 VER_2	
Ala inferiore interno profilo destro	35.5	15.94	0.00-0.0615.94	Ok
Ala inferiore interno profilo sinistro	35.5	14.19	0.00-0.0614.19	Ok
Anima profilo destro	66.0	-164.24	0.00-3.48164.24	Ok
Anima profilo sinistro	66.0	-164.24	0.00-3.48164.24	Ok
Ala superiore interno profilo destro	35.5	-181.12	0.00-0.06181.12	Ok
Ala superiore interno profilo sinistro	35.5	-182.87	0.00-0.06182.87	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{\|}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{\|}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \leq \beta_i \bullet f_{yk}$ ($\beta_1 \bullet f_{yk} = 192.50$ N/mm^2 $\beta_2 \bullet f_{yk} = 233.75$ N/mm^2)

Verifica del momento di progetto del giunto (Nodo n. 23, CMB n. 69)

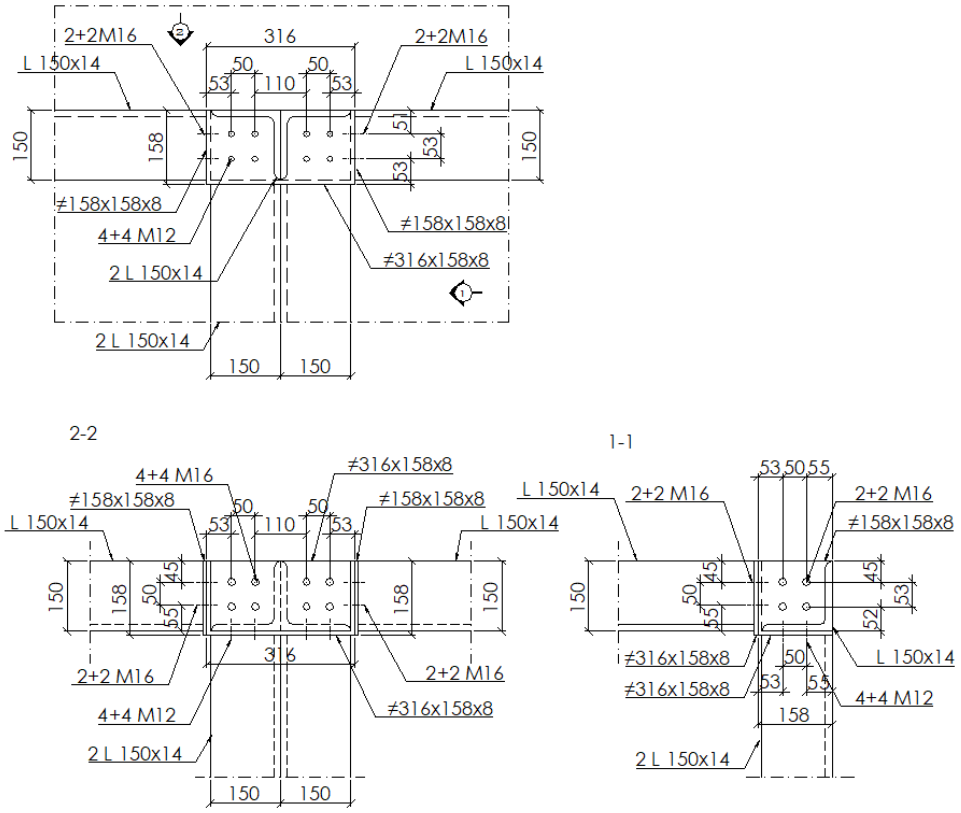
Momento resistente del giunto $M_{j,Rd}$ = 2628237.0 N mm

Momento di progetto $M_{j,Ed}$ = 1364435.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.519145 Ok

14.3 Nodo trave pilastro solaio quota +2.82m - Bordo

Verifica secondo il D.M. 17/01/2018



Trave 2

Tipo di profilo: DoppioT 100x150x12x12

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Coefficienti di sicurezza utilizzati

γ_{M0} = 1.05

γ_{M1} = 1.10

γ_{M2} = 1.25

Trave lato 3+

Tipo di profilo: DoppioT 150x150x12x12

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Classe sezione: 1

Flangia:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² γ_{ov} = 1.25

Dimensioni (B x H x Sp): 150.0 x 150.0 x 12.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm², f_{tb} = 800 N/mm²)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm² (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S275 f_y = 275 N/mm² f_t = 430 N/mm² β_1 = 0.70 β_2 = 0.85
Spessore cordoni d'angolo s_c = 6 mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
28.1	1516.6	-554.0	-157.4	0.0	0.0	-9.6
28.68	10739.4	-3923.8	599.9	0.0	0.0	-28.0
28.69	1166.6	-426.4	1504.8	0.0	0.0	6.2
28.76	11365.3	-4151.5	-2055.3	0.0	0.0	-51.0
28.88	10739.4	-3922.4	-2636.7	0.0	0.0	-51.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 90333.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 186746.3 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	31374.8	31374.8
2	31374.8	31374.8
3	31374.8	31374.8
4	31374.8	31374.8

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	101985.9	60222.1	113317.6	60222.1
2	101985.9	60222.1	113317.6	60222.1
3	101985.9	60222.1	113317.6	60222.1
4	101985.9	60222.1	113317.6	60222.1

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 28, CMB n. 68)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	43.50	-40.00	2858.6	60222.1	150.0	31374.8	0.050881	Ok
2	43.50	40.00	2858.5	60222.1	150.0	31374.8	0.050880	Ok
3	-43.50	-40.00	2858.4	60222.1	150.0	31374.8	0.050878	Ok
4	-43.50	40.00	2858.3	60222.1	150.0	31374.8	0.050878	Ok

2-Trazione (Nodo n. 28, CMB n. 69)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	43.50	-40.00	376.2	31374.8	0.011991	Ok
2	43.50	40.00	376.2	31374.8	0.011991	Ok
3	-43.50	-40.00	376.2	31374.8	0.011991	Ok
4	-43.50	40.00	376.2	31374.8	0.011991	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

$F_{t,Rd}$ resistenza a trazione di progetto del bullone

$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$

$FV_2 = F_{t,Ed} / F_{t,Rd}$

VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza a = $s_c / 2^{0.5}$ = 4.243) in posizione ribaltata: vengono

considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm².

Verifica formula (4.2.84) (Nodo n. 28, CMB n. 76)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_1	VER_1	
Ala inferiore interno lato destro	53.0	-1.21	0.00	-4.62	4.77	Ok
Ala inferiore interno lato sinistro	53.0	-1.21	0.00	-4.62	4.77	Ok
Anima lato destro	94.0	-1.21	0.00	14.25	14.30	Ok
Anima lato sinistro	94.0	-1.21	0.00	14.25	14.30	Ok
Ala superiore interno lato destro	53.0	-1.21	0.00	-4.62	4.77	Ok
Ala superiore interno lato sinistro	53.0	-1.21	0.00	-4.62	4.77	Ok

Verifica formula (4.2.85) (Nodo n. 28, CMB n. 88)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_2	VER_2	
Ala inferiore interno lato destro	53.0	-1.55	0.00	-4.36	1.55	Ok
Ala inferiore interno lato sinistro	53.0	-1.55	0.00	-4.36	1.55	Ok
Anima lato destro	94.0	-1.55	0.00	13.46	1.55	Ok
Anima lato sinistro	94.0	-1.55	0.00	13.46	1.55	Ok
Ala superiore interno lato destro	53.0	-1.55	0.00	-4.36	1.55	Ok
Ala superiore interno lato sinistro	53.0	-1.55	0.00	-4.36	1.55	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk} = 192.50$ N/mm² $\beta_2 \cdot f_{yk} = 233.75$ N/mm²)

Trave lato 3-

Tipo di profilo: DoppioT 150x150x12x12

Materiale: Acciaio S275 $f_y = 275$ N/mm² $f_t = 430$ N/mm² $\gamma_{ov} = 1.25$

Classe sezione: 1

Flangia:

Materiale: Acciaio S275 $f_y = 275$ N/mm² $f_t = 430$ N/mm² $\gamma_{ov} = 1.25$

Dimensioni (B x H x Sp): 150.0 x 150.0 x 12.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640$ N/mm², $f_{tb} = 800$ N/mm²)

Diametro gambo Ø = 16 mm $A_{res} = 156.8$ mm² (ridotta per filettatura)

Diametro dado/testa $d_m = 24$ mm

Diametro foro $Ø_0 = 17$ mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:

Materiale: Acciaio S275 $f_y = 275$ N/mm² $f_t = 430$ N/mm² $\beta_1 = 0.70$ $\beta_2 = 0.85$

Spessore cordoni d'angolo $s_c = 6$ mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
28.1	-1516.6	-554.0	89.4	0.0	0.0	9.8
28.56	-11365.3	-4152.4	1768.4	0.0	0.0	37.0
28.68	-10739.4	-3923.8	2458.6	0.0	0.0	28.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 90333.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} = 186746.3$ N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	31374.8	31374.8
2	31374.8	31374.8
3	31374.8	31374.8
4	31374.8	31374.8

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$ 60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	101985.9	60222.1	113317.6	60222.1
2	101985.9	60222.1	113317.6	60222.1
3	101985.9	60222.1	113317.6	60222.1
4	101985.9	60222.1	113317.6	60222.1

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 28, CMB n. 68)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	43.50	-40.00	2858.5	60222.1	614.7	31374.8	0.061459	Ok
2	43.50	40.00	2858.6	60222.1	614.7	31374.8	0.061460	Ok
3	-43.50	-40.00	2858.3	60222.1	614.7	31374.8	0.061456	Ok
4	-43.50	40.00	2858.4	60222.1	614.7	31374.8	0.061457	Ok

2-Trazione (Nodo n. 28, CMB n. 68)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	43.50	-40.00	614.7	31374.8	0.019591	Ok
2	43.50	40.00	614.7	31374.8	0.019591	Ok
3	-43.50	-40.00	614.7	31374.8	0.019591	Ok
4	-43.50	40.00	614.7	31374.8	0.019591	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

$F_{t,Rd}$ resistenza a trazione di progetto del bullone

$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$

$FV_2 = F_{t,Ed} / F_{t,Rd}$

VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 4.243$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 28, CMB n. 56)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_1	VER_1	
Ala inferiore interno lato destro		53.0	1.04	0.00	-4.62	4.73	Ok
Ala inferiore interno lato sinistro		53.0	1.04	0.00	-4.62	4.73	Ok
Anima lato destro		94.0	1.04	0.00	-14.25	14.29	Ok
Anima lato sinistro		94.0	1.04	0.00	-14.25	14.29	Ok
Ala superiore interno lato destro		53.0	1.04	0.00	-4.62	4.73	Ok
Ala superiore interno lato sinistro		53.0	1.04	0.00	-4.62	4.73	Ok

Verifica formula (4.2.85) (Nodo n. 28, CMB n. 68)

Cordoni	Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_\parallel$	FV_2	VER_2	
Ala inferiore interno lato destro		53.0	1.45	0.00	-4.36	1.45	Ok

Ala inferiore interno lato sinistro	53.0	1.45	0.00-4.36	1.45	Ok
Anima lato destro	94.0	1.45	0.00-13.46	1.45	Ok
Anima lato sinistro	94.0	1.45	0.00-13.46	1.45	Ok
Ala superiore interno lato destro	53.0	1.45	0.00-4.36	1.45	Ok
Ala superiore interno lato sinistro	53.0	1.45	0.00-4.36	1.45	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk}$ = 192.50 N/mm^2 $\beta_2 \cdot f_{yk}$ = 233.75 N/mm^2)

Colonna lato inferiore

Tipo di profilo: DoppioT 150x150x12x12

Materiale: Acciaio S275 f_y = 275 N/mm^2 f_t = 430 N/mm^2 γ_{ov} = 1.25

Classe sezione: 1

Flangia:

Materiale: Acciaio S275 f_y = 275 N/mm^2 f_t = 430 N/mm^2 γ_{ov} = 1.25

Dimensioni (B x H x Sp): 150.0 x 150.0 x 12.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 (f_{yb} = 640 N/mm^2, f_{tb} = 800 N/mm^2)

Diametro gambo Ø = 16 mm A_{res} = 156.8 mm^2 (ridotta per filettatura)

Diametro dado/testa d_m = 24 mm

Diametro foro $Ø_0$ = 17 mm

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ = 4236615000 N mm / rad

Saldature:

Materiale: Acciaio S275 f_y = 275 N/mm^2 f_t = 430 N/mm^2 β_1 = 0.70 β_2 = 0.85

Spessore cordoni d'angolo s_c = 6 mm

Sollecitazioni nella sezione d'attacco dell'elemento:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
28.56	-1569.7	191.2	-35095.0	-15114.0	4379000.0	-5.0
28.68	-1261.7	315.6	-33205.5	-16850.0	4551000.0	-5.3
28.109	-2250.6	-129.4	-18470.9	-13985.0	3843000.0	1203.0

Calcolo resistenze

Resistenza a trazione dei bulloni $F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 90333.1 N

Resistenza a punzonamento flangia $B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2}$ = 186746.3 N

Resistenza a punzonamento ala passante $B_{pa,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_a \cdot f_{tk} / \gamma_{M2}$ = 186746.3 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	42563.3	42563.3
2	42563.3	42563.3
3	42563.3	42563.3
4	42563.3	42563.3

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd} , B_{pf,Rd} , B_{pa,Rd} , F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni $F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2}$ = 60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{ba,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{ba,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]

1	146017.965076.7	60222.1	113317.6	73003.260222.1
2	146017.965076.7	60222.1	113317.6	106376.160222.1
3	146017.965076.7	60222.1	113317.6	73003.260222.1
4	146017.965076.7	60222.1	113317.6	106376.160222.1

Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{ba,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala passante in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd} , F_{bf,x,Rd} , F_{ba,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{ba,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot Ø \cdot t_a / \gamma_{M2}$ resistenza a rifollamento ala passante in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd} , F_{bf,y,Rd} , F_{ba,y,Rd}]$ resistenza a taglio di progetto in direzione y

Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 28, CMB n. 109)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	29.90	-40.00	566.9	60222.1	12465.8	42563.3	0.218612	Ok
2	29.90	40.00	567.5	60222.1	608.0	42563.3	0.019627	Ok
3	-29.90	-40.00	559.7	60222.1	12507.8	42563.3	0.219197	Ok
4	-29.90	40.00	560.3	60222.1	650.0	42563.3	0.020212	Ok

2-Trazione (Nodo n. 28, CMB n. 109)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	29.90	-40.00	12465.8	42563.3	0.292877	Ok
2	29.90	40.00	608.0	42563.3	0.014285	Ok
3	-29.90	-40.00	12507.8	42563.3	0.293864	Ok
4	-29.90	40.00	650.0	42563.3	0.015272	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone

$F_{t,Rd}$ resistenza a trazione di progetto del bullone

$FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$

$FV_2 = F_{t,Ed} / F_{t,Rd}$

VER $\rightarrow$ $FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 4.243$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm^2.

Verifica formula (4.2.84) (Nodo n. 28, CMB n. 68)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_1	VER_1	
Ala inferiore interno lato destro	53.0	50.91	0.00	0.35	50.91	Ok
Ala inferiore interno lato sinistro	53.0	51.62	0.00	0.35	51.62	Ok
Anima lato destro	94.0	-74.10	0.00	-1.58	74.12	Ok
Anima lato sinistro	94.0	-74.10	0.00	-1.58	74.12	Ok
Ala superiore interno lato destro	53.0	-90.75	0.00	0.35	90.75	Ok
Ala superiore interno lato sinistro	53.0	-90.05	0.00	0.35	90.05	Ok

Verifica formula (4.2.85) (Nodo n. 28, CMB n. 68)

Cordoni Lung.[mm]	$n_\perp$	$t_\perp$	$\tau_{\|\|}$	FV_2	VER_2	
Ala inferiore interno lato destro	53.0	50.91	0.00	0.35	50.91	Ok
Ala inferiore interno lato sinistro	53.0	51.62	0.00	0.35	51.62	Ok
Anima lato destro	94.0	-74.10	0.00	-1.58	74.10	Ok
Anima lato sinistro	94.0	-74.10	0.00	-1.58	74.10	Ok
Ala superiore interno lato destro	53.0	-90.75	0.00	0.35	90.75	Ok
Ala superiore interno lato sinistro	53.0	-90.05	0.00	0.35	90.05	Ok

Legenda

$n_\perp$ tensione normale perpendicolare all'asse del cordone

$t_\perp$ tensione tangenziale perpendicolare all'asse del cordone

$\tau_{||}$ tensione tangenziale parallela all'asse del cordone

$FV_1 = (n_\perp^2 + t_\perp^2 + \tau_{||}^2)^{0.5}$

$FV_2 = |n_\perp| + |t_\perp|$

$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk}$ ($\beta_1 \cdot f_{yk}$ = 192.50 N/mm^2 $\beta_2 \cdot f_{yk}$ = 233.75 N/mm^2)

Verifica del momento di progetto del giunto (Nodo n. 28, CMB n. 56)

Momento resistente del giunto	$M_{j,Rd}$ =	8756839.0 N mm
Momento di progetto	$M_{j,Ed}$ =	2172629.0 N mm

$M_{j,Ed} / M_{j,Rd}$ = 0.248107 Ok

14.4 Tabulato di calcolo

14.4.1 Modellazione delle sezioni

14.4.1.1 Legenda tabella dati sezioni

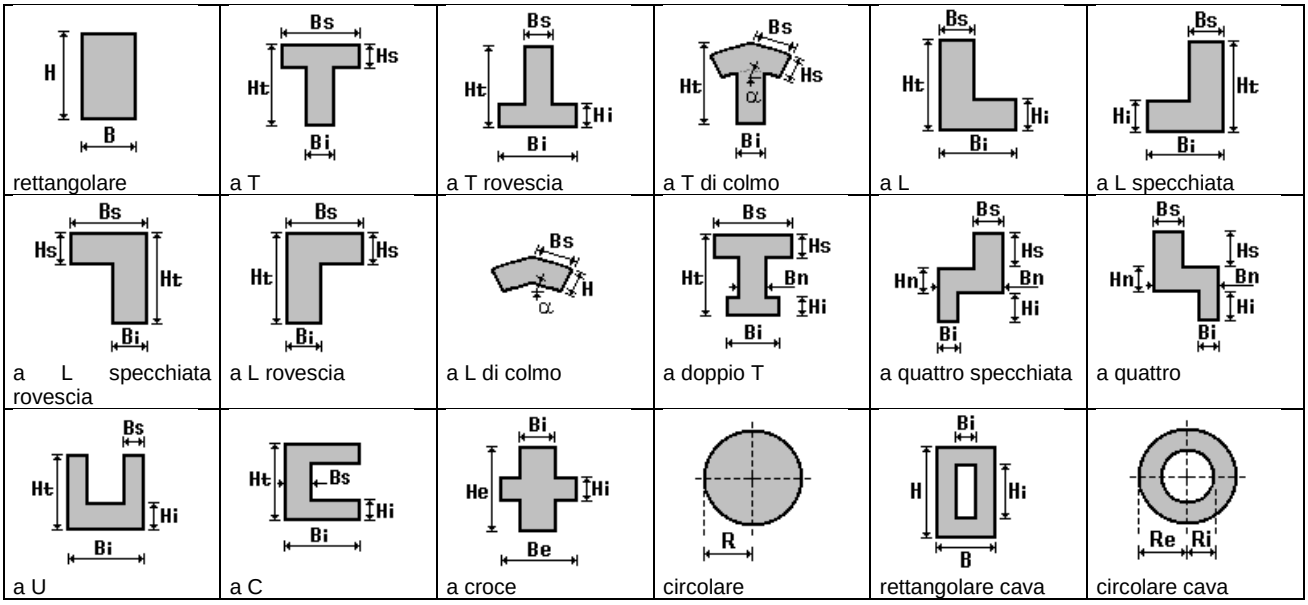
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

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

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

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



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

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

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	L 150X12	34.80	0.0	0.0	16.58	737.00	737.00	67.70	67.70	67.70	67.70
2	2 L 150X100X12 affiancati lato lungo a dist.= 10.00	57.40	0.0	0.0	27.41	953.48	1300.00	90.81	128.40	167.62	245.30
3	UNP 160	24.00	0.0	0.0	7.39	85.10	925.00	18.20	116.00	35.20	138.00
4	2 UNP 100 schiena-schiena a dist.=10.00	27.00	0.0	0.0	5.62	171.67	410.00	31.21	82.20	55.35	98.00
5	T.QU 130x3	15.24	0.0	0.0	614.51	409.90	409.90	63.06	63.06	72.59	72.59

14.4.2 Modellazione struttura: nodi

14.4.2.1 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

14.4.3 TABELLA DATI NODI

Nodo	**X**	**Y**	**Z**	**Nodo**	**X**	**Y**	**Z**	**Nodo**	**X**	**Y**	**Z**
	cm	cm	cm		cm	cm	cm		cm	cm	cm
16	0.0	0.0	304.0	17	342.5	0.0	304.0	18	687.5	0.0	304.0
19	1032.5	0.0	304.0	20	1375.0	0.0	304.0	21	0.0	322.5	304.0
22	342.5	322.5	304.0	23	687.5	322.5	304.0	24	1032.5	322.5	304.0
25	1375.0	322.5	304.0	26	0.0	645.0	304.0	27	342.5	645.0	304.0
28	687.5	645.0	304.0	29	1032.5	645.0	304.0	30	1375.0	645.0	304.0
31	0.0	0.0	152.0	32	0.0	322.5	152.0	33	0.0	645.0	152.0
34	342.5	0.0	152.0	35	342.5	322.5	152.0	36	342.5	645.0	152.0
37	687.5	0.0	152.0	38	687.5	322.5	152.0	39	687.5	645.0	152.0
40	1032.5	0.0	152.0	41	1032.5	322.5	152.0	42	1032.5	645.0	152.0
43	1375.0	0.0	152.0	44	1375.0	322.5	152.0	45	1375.0	645.0	152.0
46	342.5	161.2	304.0	47	342.5	483.8	304.0	48	171.2	0.0	304.0
49	171.2	645.0	304.0	50	515.0	645.0	304.0	51	860.0	645.0	304.0
52	1203.8	645.0	304.0	53	515.0	0.0	304.0	54	860.0	0.0	304.0
55	1203.8	0.0	304.0	56	0.0	161.2	304.0	57	0.0	483.8	304.0
58	1375.0	161.2	304.0	59	1375.0	483.8	304.0	60	1032.5	161.2	304.0
61	1032.5	483.8	304.0	62	687.5	161.2	304.0	63	687.5	483.8	304.0
64	171.2	322.5	304.0	65	515.0	322.5	304.0	66	860.0	322.5	304.0
67	1203.8	322.5	304.0	68	171.2	483.8	304.0	69	515.0	483.8	304.0
70	860.0	483.8	304.0	71	1203.8	483.8	304.0	72	171.2	161.2	304.0
73	515.0	161.2	304.0	74	860.0	161.2	304.0	75	1203.8	161.2	304.0

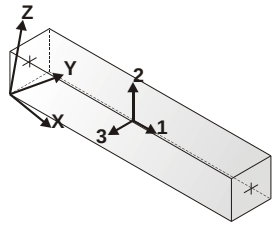
Nodo	**X**	**Y**	**Z**	**Note**	**Rig. TX**	**Rig. TY**	**Rig. TZ**	**Rig. RX**	**Rig. RY**	**Rig. RZ**
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	0.0	0.0	0.0	v=111111						
2	342.5	0.0	0.0	v=111111						
3	687.5	0.0	0.0	v=111111						
4	1032.5	0.0	0.0	v=111111						
5	1375.0	0.0	0.0	v=111111						

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
6	0.0	322.5	0.0	v=111111						
7	342.5	322.5	0.0	v=111111						
8	687.5	322.5	0.0	v=111111						
9	1032.5	322.5	0.0	v=111111						
10	1375.0	322.5	0.0	v=111111						
11	0.0	645.0	0.0	v=111111						
12	342.5	645.0	0.0	v=111111						
13	687.5	645.0	0.0	v=111111						
14	1032.5	645.0	0.0	v=111111						
15	1375.0	645.0	0.0	v=111111						

14.4.3.1 Modellazione struttura: elementi trave

14.4.3.2 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	Pilas.	1	31	12	1	1	270.00				
2	Pilas.	6	32	12	3	1	90.00				
3	Pilas.	11	33	12	1	1	180.00				
4	Pilas.	2	34	12	1	1	270.00				
5	Pilas.	7	35	12	4	1	90.00				
6	Pilas.	12	36	12	1	1	180.00				
7	Pilas.	3	37	12	1	1	270.00				
8	Pilas.	8	38	12	4	1	90.00				
9	Pilas.	13	39	12	1	1	90.00				
10	Pilas.	4	40	12	1	1					
11	Pilas.	9	41	12	4	1	90.00				
12	Pilas.	14	42	12	1	1	90.00				
13	Pilas.	5	43	12	1	1					
14	Pilas.	10	44	12	3	1	-90.00				
15	Pilas.	15	45	12	1	1	90.00				
16	Pilas.	31	16	12	1	1	270.00				
17	Pilas.	32	21	12	3	1	90.00				
18	Pilas.	33	26	12	1	1	180.00				
19	Pilas.	34	17	12	1	1	270.00				
20	Pilas.	35	22	12	4	1	90.00				
21	Pilas.	36	27	12	1	1	180.00				
22	Pilas.	37	18	12	1	1	270.00				
23	Pilas.	38	23	12	4	1	90.00				
24	Pilas.	39	28	12	1	1	90.00				
25	Pilas.	40	19	12	1	1					
26	Pilas.	41	24	12	4	1	90.00				
27	Pilas.	42	29	12	1	1	90.00				
28	Pilas.	43	20	12	1	1					
29	Pilas.	44	25	12	3	1	-90.00				
30	Pilas.	45	30	12	1	1	90.00				
31	Trave	16	48	12	1	1		000011			
32	Trave	26	49	12	1	1	90.00	000011			
33	Trave	27	50	12	1	1	90.00	000011			
34	Trave	28	51	12	1	1	90.00	000011			
35	Trave	29	52	12	1	1	90.00	000011			
36	Trave	17	53	12	1	1		000011			
37	Trave	18	54	12	1	1		000011			
38	Trave	19	55	12	1	1		000011			
39	Trave	16	56	12	1	1	90.00				
40	Trave	21	57	12	1	1	90.00				
41	Trave	20	58	12	1	1					
42	Trave	25	59	12	1	1					
43	Trave	19	60	12	2	1					
44	Trave	24	61	12	2	1					
45	Trave	18	62	12	2	1					
46	Trave	23	63	12	2	1					
47	Trave	17	46	12	2	1					
48	Trave	22	47	12	2	1					
49	Trave	48	17	12	1	1			000011		
50	Trave	49	27	12	1	1	90.00		000011		
51	Trave	50	28	12	1	1	90.00		000011		
52	Trave	51	29	12	1	1	90.00		000011		
53	Trave	52	30	12	1	1	90.00		000011		
54	Trave	53	18	12	1	1			000011		
55	Trave	54	19	12	1	1			000011		
56	Trave	55	20	12	1	1			000011		
57	Trave	56	21	12	1	1	90.00				
58	Trave	57	26	12	1	1	90.00				
59	Trave	58	25	12	1	1					
60	Trave	59	30	12	1	1					
61	Trave	60	24	12	2	1					
62	Trave	61	29	12	2	1					
63	Trave	62	23	12	2	1					
64	Trave	63	28	12	2	1					

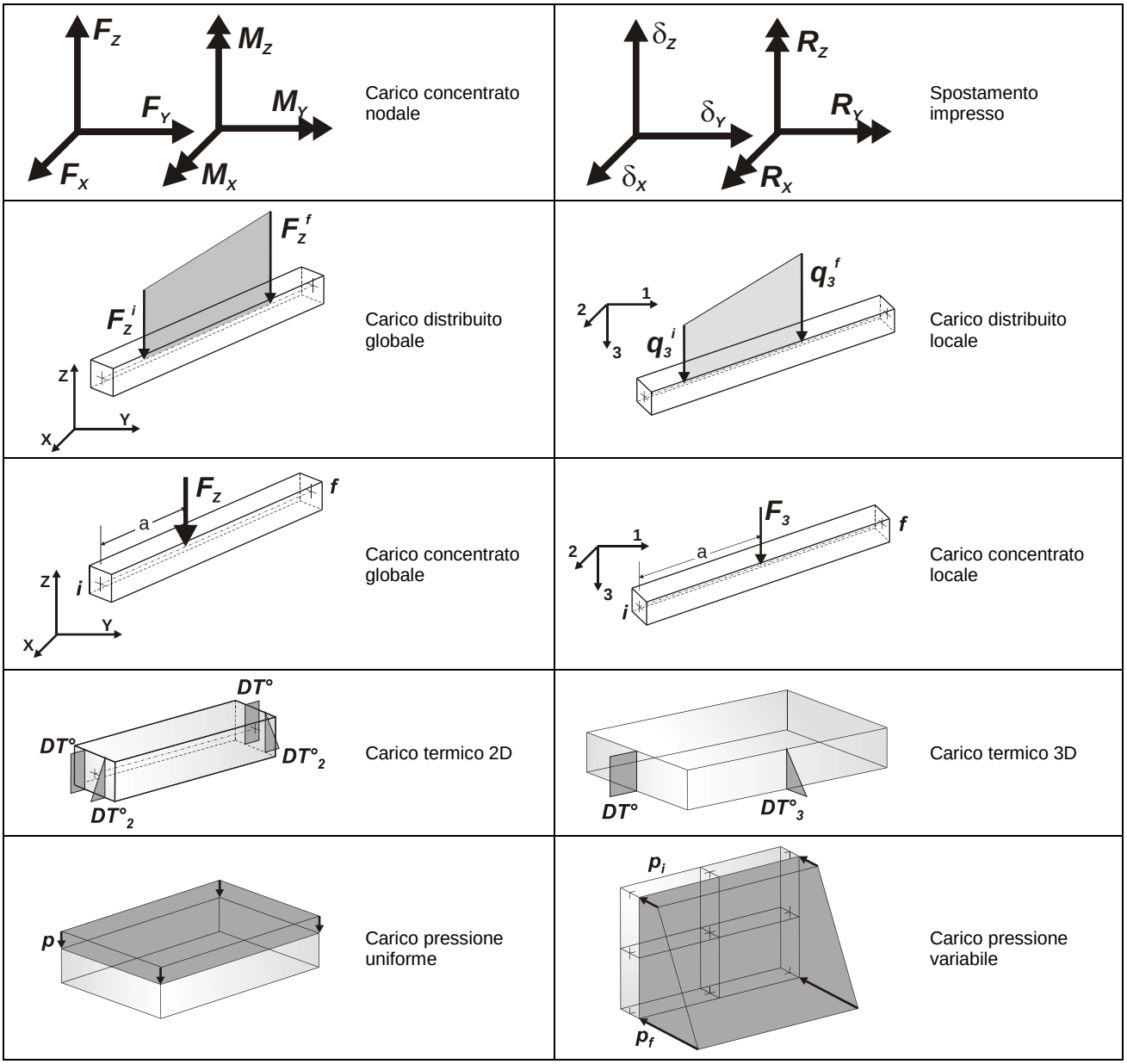
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
65	Trave	46	22	12	2	1					
66	Trave	47	27	12	2	1					
67	Trave	21	64	12	5	1		000011			
68	Trave	22	65	12	5	1		000011			
69	Trave	23	66	12	5	1		000011			
70	Trave	24	67	12	5	1		000011			
71	Trave	57	68	12	5	1		000011			
72	Trave	47	69	12	5	1		000011			
73	Trave	63	70	12	5	1		000011			
74	Trave	61	71	12	5	1		000011			
75	Trave	56	72	12	5	1		000011			
76	Trave	46	73	12	5	1		000011			
77	Trave	62	74	12	5	1		000011			
78	Trave	60	75	12	5	1		000011			
79	Trave	64	22	12	5	1			000011		
80	Trave	65	23	12	5	1			000011		
81	Trave	66	24	12	5	1			000011		
82	Trave	67	25	12	5	1			000011		
83	Trave	68	47	12	5	1			000011		
84	Trave	69	63	12	5	1			000011		
85	Trave	70	61	12	5	1			000011		
86	Trave	71	59	12	5	1			000011		
87	Trave	72	46	12	5	1			000011		
88	Trave	73	62	12	5	1			000011		
89	Trave	74	60	12	5	1			000011		
90	Trave	75	58	12	5	1			000011		

14.4.4 Modellazione delle azioni

14.4.4.1 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



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
9	Neve-DG:Fzi=-3.00 Fzf=-3.00	0.0	0.0	0.0	-300.00	0.0	0.0	0.0
		0.0	0.0	0.0	-300.00	0.0	0.0	0.0
10	Capriata-DG:Fzi=-0.50 Fzf=-0.50	0.0	0.0	0.0	-50.00	0.0	0.0	0.0
		0.0	0.0	0.0	-50.00	0.0	0.0	0.0

Tipo	**carico di pressione uniforme su piastra**

Id	**Tipo**	**pressione**
		daN/ m2
7	QVK PAN ++ vento*0.4 -P3:p= 2.680e-03	26.80
8	QVK PAN -- vento*0.4 -P3:p= 2.680e-03	26.80

14.4.5 Schematizzazione dei casi di carico

14.4.5.1 Legenda tabella casi di carico

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

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

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

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

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

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

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

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

CDC	**Tipo**	**Sigla Id**	**Note**
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2pk (permanente pannelli n.c.d.)
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
13	Qvk	CDC=Qvk (carico da vento) dir X +	Azioni applicate:
14	Qvk	CDC=Qvk (carico da vento) dir X -	Azioni applicate:
15	Qvk	CDC=Qvk (carico da vento) dir Y +	Azioni applicate:
16	Qvk	CDC=Qvk (carico da vento) dir Y -	Azioni applicate:
17	Qk	CDC=Qk (variabile generico)	Azioni applicate:
			D2 :da 31 a 38 Azione : Neve-DG:Fzi=-3.00 Fzf=-3.00
			D2 :da 49 a 56 Azione : Neve-DG:Fzi=-3.00 Fzf=-3.00
			D2 :da 67 a 90 Azione : Neve-DG:Fzi=-3.00 Fzf=-3.00
18	Gk	CDC=G1k (permanente generico)	Azioni applicate:
			D2 :da 67 a 90 Azione : Capriata-DG:Fzi=-0.50 Fzf=-0.50

14.4.6 Definizione delle combinazioni

14.4.6.1 Legenda tabella combinazioni di carico

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

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

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

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

Combinazione caratteristica (rara) SLE

$G_1 + G_2 + P + Qk_1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

Combinazione frequente SLE

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

Combinazione quasi permanente SLE

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

Cmb	**Tipo**	**Sigla Id**	**effetto P-delta**
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	

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

Cmb	Tipo	Sigla Id	effetto P-delta
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 (SLV sism.) 93	
94	SLU	Comb. SLU A1 (SLV sism.) 94	
95	SLU	Comb. SLU A1 (SLV sism.) 95	
96	SLU	Comb. SLU A1 (SLV sism.) 96	
97	SLU	Comb. SLU A1 (SLV sism.) 97	
98	SLU	Comb. SLU A1 (SLV sism.) 98	
99	SLU	Comb. SLU A1 (SLV sism.) 99	
100	SLU	Comb. SLU A1 (SLV sism.) 100	
101	SLU	Comb. SLU A1 (SLV sism.) 101	
102	SLU	Comb. SLU A1 (SLV sism.) 102	
103	SLU	Comb. SLU A1 (SLV sism.) 103	
104	SLU	Comb. SLU A1 (SLV sism.) 104	
105	SLU	Comb. SLU A1 (SLV sism.) 105	
106	SLU	Comb. SLU A1 (SLV sism.) 106	
107	SLU	Comb. SLU A1 (SLV sism.) 107	
108	SLU	Comb. SLU A1 (SLV sism.) 108	
109	SLU	Comb. SLU A1 (SLV sism.) 109	
110	SLU	Comb. SLU A1 (SLV sism.) 110	
111	SLU	Comb. SLU A1 (SLV sism.) 111	
112	SLU	Comb. SLU A1 (SLV sism.) 112	
113	SLU	Comb. SLU A1 (SLV sism.) 113	
114	SLU	Comb. SLU A1 (SLV sism.) 114	
115	SLU	Comb. SLU A1 (SLV sism.) 115	
116	SLU	Comb. SLU A1 (SLV sism.) 116	
117	SLU	Comb. SLU A1 (SLV sism.) 117	
118	SLU	Comb. SLU A1 (SLV sism.) 118	
119	SLU	Comb. SLU A1 (SLV sism.) 119	
120	SLU	Comb. SLU A1 (SLV sism.) 120	
121	SLU	Comb. SLU A1 (SLV sism.) 121	
122	SLU	Comb. SLU A1 (SLV sism.) 122	
123	SLU	Comb. SLU A1 (SLV sism.) 123	
124	SLU	Comb. SLU A1 (SLV sism.) 124	
125	SLE(sis)	Comb. SLE (SLD Danno sism.) 125	
126	SLE(sis)	Comb. SLE (SLD Danno sism.) 126	
127	SLE(sis)	Comb. SLE (SLD Danno sism.) 127	
128	SLE(sis)	Comb. SLE (SLD Danno sism.) 128	
129	SLE(sis)	Comb. SLE (SLD Danno sism.) 129	
130	SLE(sis)	Comb. SLE (SLD Danno sism.) 130	
131	SLE(sis)	Comb. SLE (SLD Danno sism.) 131	
132	SLE(sis)	Comb. SLE (SLD Danno sism.) 132	
133	SLE(sis)	Comb. SLE (SLD Danno sism.) 133	
134	SLE(sis)	Comb. SLE (SLD Danno sism.) 134	
135	SLE(sis)	Comb. SLE (SLD Danno sism.) 135	
136	SLE(sis)	Comb. SLE (SLD Danno sism.) 136	
137	SLE(sis)	Comb. SLE (SLD Danno sism.) 137	
138	SLE(sis)	Comb. SLE (SLD Danno sism.) 138	
139	SLE(sis)	Comb. SLE (SLD Danno sism.) 139	
140	SLE(sis)	Comb. SLE (SLD Danno sism.) 140	
141	SLE(sis)	Comb. SLE (SLD Danno sism.) 141	
142	SLE(sis)	Comb. SLE (SLD Danno sism.) 142	
143	SLE(sis)	Comb. SLE (SLD Danno sism.) 143	
144	SLE(sis)	Comb. SLE (SLD Danno sism.) 144	

Cmb	Tipo	Sigla Id	effetto P-delta
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(r)	Comb. SLE(rara) 157	
158	SLE(r)	Comb. SLE(rara) 158	
159	SLE(r)	Comb. SLE(rara) 159	
160	SLE(r)	Comb. SLE(rara) 160	
161	SLE(r)	Comb. SLE(rara) 161	
162	SLE(r)	Comb. SLE(rara) 162	
163	SLE(r)	Comb. SLE(rara) 163	
164	SLE(r)	Comb. SLE(rara) 164	
165	SLE(r)	Comb. SLE(rara) 165	
166	SLE(r)	Comb. SLE(rara) 166	
167	SLE(r)	Comb. SLE(rara) 167	
168	SLE(r)	Comb. SLE(rara) 168	
169	SLE(r)	Comb. SLE(rara) 169	
170	SLE(r)	Comb. SLE(rara) 170	
171	SLE(r)	Comb. SLE(rara) 171	
172	SLE(r)	Comb. SLE(rara) 172	
173	SLE(r)	Comb. SLE(rara) 173	
174	SLE(r)	Comb. SLE(rara) 174	
175	SLE(r)	Comb. SLE(rara) 175	
176	SLE(r)	Comb. SLE(rara) 176	
177	SLE(r)	Comb. SLE(rara) 177	
178	SLE(r)	Comb. SLE(rara) 178	
179	SLE(r)	Comb. SLE(rara) 179	
180	SLE(r)	Comb. SLE(rara) 180	
181	SLE(r)	Comb. SLE(rara) 181	
182	SLE(r)	Comb. SLE(rara) 182	
183	SLE(r)	Comb. SLE(rara) 183	
184	SLE(r)	Comb. SLE(rara) 184	
185	SLE(r)	Comb. SLE(rara) 185	
186	SLE(r)	Comb. SLE(rara) 186	
187	SLE(r)	Comb. SLE(rara) 187	
188	SLE(r)	Comb. SLE(rara) 188	
189	SLE(r)	Comb. SLE(rara) 189	
190	SLE(r)	Comb. SLE(rara) 190	
191	SLE(r)	Comb. SLE(rara) 191	
192	SLE(r)	Comb. SLE(rara) 192	
193	SLE(r)	Comb. SLE(rara) 193	
194	SLE(r)	Comb. SLE(rara) 194	
195	SLE(r)	Comb. SLE(rara) 195	
196	SLE(r)	Comb. SLE(rara) 196	
197	SLE(r)	Comb. SLE(rara) 197	
198	SLE(r)	Comb. SLE(rara) 198	
199	SLE(r)	Comb. SLE(rara) 199	
200	SLE(r)	Comb. SLE(rara) 200	
201	SLE(r)	Comb. SLE(rara) 201	
202	SLE(r)	Comb. SLE(rara) 202	
203	SLE(f)	Comb. SLE(freq.) 203	
204	SLE(f)	Comb. SLE(freq.) 204	
205	SLE(f)	Comb. SLE(freq.) 205	
206	SLE(f)	Comb. SLE(freq.) 206	
207	SLE(f)	Comb. SLE(freq.) 207	
208	SLE(f)	Comb. SLE(freq.) 208	
209	SLE(f)	Comb. SLE(freq.) 209	
210	SLE(f)	Comb. SLE(freq.) 210	
211	SLE(f)	Comb. SLE(freq.) 211	
212	SLE(f)	Comb. SLE(freq.) 212	

Cmb	Tipo	Sigla Id	effetto P-delta
213	SLE(f)	Comb. SLE(freq.) 213	
214	SLE(f)	Comb. SLE(freq.) 214	
215	SLE(f)	Comb. SLE(freq.) 215	
216	SLE(f)	Comb. SLE(freq.) 216	
217	SLE(f)	Comb. SLE(freq.) 217	
218	SLE(f)	Comb. SLE(freq.) 218	
219	SLE(f)	Comb. SLE(freq.) 219	
220	SLE(f)	Comb. SLE(freq.) 220	
221	SLE(f)	Comb. SLE(freq.) 221	
222	SLE(f)	Comb. SLE(freq.) 222	
223	SLE(f)	Comb. SLE(freq.) 223	
224	SLE(f)	Comb. SLE(freq.) 224	
225	SLE(f)	Comb. SLE(freq.) 225	
226	SLE(f)	Comb. SLE(freq.) 226	
227	SLE(p)	Comb. SLE(perm.) 227	
228	SLE(p)	Comb. SLE(perm.) 228	
229	SLE(p)	Comb. SLE(perm.) 229	
230	SLE(p)	Comb. SLE(perm.) 230	

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

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...
24	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	0.0	0.0	1.50	1.30										
25	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	0.0	0.0	0.0	1.00										
26	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	0.0	0.0	1.50	1.00										
27	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	0.0	0.0	0.0	1.00										
28	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
	0.0	0.0	1.50	1.00										
29	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0
	0.0	0.0	0.0	1.30										
30	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0
	0.0	0.0	1.50	1.30										
31	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0
	0.0	0.0	0.0	1.00										
32	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0
	0.0	0.0	1.50	1.00										
33	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.30										
34	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.30										
35	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.30										
36	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.30										
37	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.00										
38	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.00										
39	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.00										
40	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.00										
41	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.30										
42	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.30										
43	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	0.0	1.00										
44	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90
	0.0	0.0	1.50	1.00										
45	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	0.0	1.30										
46	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	1.50	1.30										
47	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	0.0	1.30										
48	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	1.50	1.30										
49	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	0.0	1.00										
50	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	1.50	1.00										
51	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	0.0	1.00										
52	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
	0.0	0.0	1.50	1.00										
53	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	1.30										
54	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.30										
55	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	1.30										
56	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.30										
57	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.90	0.0	0.0	1.00										
58	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.00										
59	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	1.00										
60	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.00										
61	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	1.30										
62	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.30										
63	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	1.00										
64	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	1.50	1.00										
65	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	1.30										
66	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	1.50	1.30										
67	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	1.30										
68	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	1.50	1.30										
69	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	1.00										
70	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	1.50	1.00										
71	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	1.00										
72	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	1.50	1.00										
73	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.30										
74	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.30										
75	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.30										
76	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.30										
77	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.00										
78	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.00										
79	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.00										
80	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.00										
81	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.30										
82	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.30										
83	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	1.00										
84	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	1.50	1.00										
85	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	1.30										
86	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	1.50	1.30										
87	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	1.30										
88	1.30	1.30	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	1.50	1.30										
89	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	1.00										
90	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	1.50	1.00										

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
91	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	1.00										
92	1.00	1.00	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	1.50	1.00										
93	1.00	1.00	1.00	0.30	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
94	1.00	1.00	1.00	0.30	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
95	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
96	1.00	1.00	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
97	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
98	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
99	1.00	1.00	1.00	0.30	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
100	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
101	1.00	1.00	1.00	0.30	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
102	1.00	1.00	1.00	0.30	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
103	1.00	1.00	1.00	0.30	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
104	1.00	1.00	1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
105	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
106	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
107	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
108	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
109	1.00	1.00	1.00	0.30	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
110	1.00	1.00	1.00	0.30	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
111	1.00	1.00	1.00	0.30	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
112	1.00	1.00	1.00	0.30	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
113	1.00	1.00	1.00	0.30	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
114	1.00	1.00	1.00	0.30	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
115	1.00	1.00	1.00	0.30	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
116	1.00	1.00	1.00	0.30	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
117	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
118	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
119	1.00	1.00	1.00	0.30	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
120	1.00	1.00	1.00	0.30	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
121	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
122	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
123	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
124	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0

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	0.80	1.00										
125	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
126	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
127	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
128	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
129	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
130	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
131	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
132	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
133	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
134	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
135	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
136	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
137	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
138	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
139	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
140	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.80	1.00										
141	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
142	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
143	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
144	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
145	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
146	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
147	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
148	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
149	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
150	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
151	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
152	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
153	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
154	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
155	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
156	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.80	1.00										
157	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
158	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	1.00										
159	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
160	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	1.00										
161	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
162	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	1.00										
163	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	0.0	1.00										
164	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	1.00	1.00										
165	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	0.0	1.00										
166	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	1.00	1.00										
167	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	1.00										
168	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.00	1.00										
169	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	1.00										
170	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.00	1.00										
171	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	0.0	1.00										
172	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0
	0.0	0.0	1.00	1.00										
173	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	0.0	1.00										
174	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	1.00	1.00										
175	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	0.0	1.00										
176	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	1.00	1.00										
177	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	0.0	1.00										
178	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60
	0.0	0.0	1.00	1.00										
179	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	0.0	1.00										
180	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	1.00	1.00										
181	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	0.0	1.00										
182	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.0	1.00	1.00										
183	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	0.0	1.00										
184	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	1.00	1.00										
185	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	0.0	1.00										
186	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	1.00	1.00										
187	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	0.0	1.00										
188	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.60	0.0	1.00	1.00										
189	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.0	1.00										
190	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	1.00	1.00										
191	1.00	1.00	1.00	0.70	0.0	0.0	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...
	1.00	0.0	0.0	1.00										
192	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	1.00	1.00										
193	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	0.0	1.00										
194	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	1.00	1.00										
195	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	0.0	1.00										
196	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	1.00	1.00										
197	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	0.0	1.00										
198	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.60	1.00	1.00										
199	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	1.00										
200	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	1.00	1.00										
201	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	1.00										
202	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	1.00	1.00										
203	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
204	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
205	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
206	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
207	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
208	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
209	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	1.00										
210	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	1.00										
211	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0
	0.0	0.0	0.0	1.00										
212	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0
	0.0	0.0	0.80	1.00										
213	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0
	0.0	0.0	0.0	1.00										
214	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0
	0.0	0.0	0.80	1.00										
215	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20
	0.0	0.0	0.0	1.00										
216	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20
	0.0	0.0	0.80	1.00										
217	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20
	0.0	0.0	0.0	1.00										
218	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20
	0.0	0.0	0.80	1.00										
219	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.20	0.0	0.0	1.00										
220	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.20	0.0	0.80	1.00										
221	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.20	0.0	0.0	1.00										
222	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.20	0.0	0.80	1.00										
223	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.20	0.0	1.00										
224	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.20	0.80	1.00										

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
225	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.20	0.0	1.00										
226	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.20	0.80	1.00										
227	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
228	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										
229	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00										
230	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.80	1.00										

14.4.7 Risultati nodali

14.4.7.1 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	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		kN	kN	kN	kN m	kN m	kN m
1	24	3.28	-1.67	-18.24	2.62	3.95	-2.63e-03
1	69	-0.30	3.44	-2.93	-3.62	-0.92	9.32e-04
1	76	0.18	-2.68	-19.72	3.11	0.55	-3.56e-03
1	88	0.30	-3.58	-18.95	4.30	0.92	-4.03e-03
1	98	2.61	-2.53	-10.43	5.93	7.84	-1.52e-03
1	118	1.42	-3.08	-11.39	5.96	4.28	-3.09e-03
1	121	-0.02	1.19	-8.77	-2.48	-0.09	7.44e-04
1	124	0.02	-2.38	-11.48	3.69	0.09	-3.26e-03
1	130	1.39	-1.63	-10.29	3.44	4.18	-1.40e-03
1	150	0.76	-1.92	-10.80	3.46	2.29	-2.24e-03
1	153	-0.01	0.35	-9.40	-1.04	-0.05	-1.89e-04
1	156	0.01	-1.55	-10.85	2.25	0.05	-2.33e-03
1	170	2.19	-1.15	-12.60	1.77	2.63	-1.81e-03
1	189	-0.20	2.22	-3.24	-2.34	-0.61	4.76e-04
1	196	0.12	-1.82	-13.59	2.11	0.37	-2.43e-03
1	202	0.20	-2.42	-13.07	2.89	0.61	-2.75e-03
1	210	9.07e-04	-0.64	-10.84	0.64	5.17e-04	-1.34e-03
1	214	0.44	-0.68	-10.14	0.81	0.53	-1.30e-03
1	219	-0.04	0.26	-3.61	-0.28	-0.12	-2.56e-04
1	226	0.04	-0.93	-10.24	1.03	0.12	-1.48e-03
1	227	3.97e-04	-0.23	-3.70	0.23	3.95e-04	-4.38e-04
1	230	8.61e-04	-0.60	-10.13	0.60	5.14e-04	-1.26e-03
2	24	0.80	-2.08	-34.02	3.02	2.43	3.22e-06
2	69	-0.31	5.71	-5.53	-4.87	-0.93	1.94e-05
2	76	0.19	-4.08	-36.66	4.22	0.56	1.38e-05
2	88	0.31	-5.46	-34.78	5.67	0.94	5.87e-06
2	98	2.57	-2.74	-18.91	6.00	7.71	5.15e-04
2	121	0.06	0.82	-17.57	-1.85	0.15	-1.18e-03
2	124	-0.05	-2.63	-19.83	3.68	-0.15	1.20e-03
2	130	1.37	-1.89	-18.81	3.63	4.11	2.82e-04
2	153	0.03	0.01	-18.10	-0.56	0.08	-6.29e-04
2	156	-0.03	-1.83	-19.30	2.39	-0.08	6.52e-04
2	170	0.54	-1.43	-23.42	2.06	1.62	2.85e-06
2	189	-0.21	3.69	-5.73	-3.13	-0.62	1.47e-05
2	196	0.13	-2.77	-25.18	2.86	0.37	9.91e-06
2	202	0.21	-3.68	-23.93	3.83	0.62	4.62e-06
2	210	2.15e-03	-0.97	-20.11	0.98	7.61e-04	1.19e-05
2	214	0.11	-0.96	-18.70	1.10	0.32	9.01e-06
2	219	-0.04	0.47	-5.92	-0.35	-0.12	7.18e-06
2	226	0.04	-1.41	-18.80	1.45	0.13	9.36e-06
2	227	8.24e-04	-0.34	-5.97	0.34	4.82e-04	5.30e-06
2	230	2.03e-03	-0.91	-18.70	0.92	7.43e-04	1.13e-05
3	24	0.80	-2.08	-34.15	3.03	2.43	-2.31e-05
3	69	-0.31	5.73	-5.55	-4.88	-0.94	0.0
3	76	0.19	-4.10	-36.79	4.24	0.57	-4.99e-06
3	88	0.32	-5.48	-34.90	5.69	0.94	-5.30e-06
3	98	2.53	-2.57	-18.88	5.69	7.59	5.02e-04
3	121	0.13	0.49	-17.83	-1.25	0.39	-1.21e-03
3	124	-0.13	-2.31	-19.71	3.09	-0.39	1.20e-03
3	130	1.35	-1.80	-18.83	3.46	4.05	2.68e-04
3	153	0.07	-0.17	-18.27	-0.24	0.21	-6.50e-04
3	156	-0.07	-1.66	-19.27	2.08	-0.21	6.45e-04
3	170	0.53	-1.43	-23.51	2.06	1.62	-1.55e-05

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
3	189	-0.21	3.70	-5.75	-3.14	-0.63	0.0
3	196	0.13	-2.78	-25.27	2.87	0.38	-3.40e-06
3	202	0.21	-3.70	-24.01	3.84	0.63	-3.60e-06
3	210	2.18e-03	-0.97	-20.19	0.98	6.66e-04	-2.26e-06
3	214	0.11	-0.97	-18.76	1.10	0.32	-4.65e-06
3	219	-0.04	0.47	-5.94	-0.35	-0.13	0.0
3	226	0.04	-1.42	-18.86	1.46	0.13	-2.27e-06
3	227	8.47e-04	-0.34	-5.99	0.34	4.81e-04	0.0
3	230	2.06e-03	-0.91	-18.77	0.92	6.58e-04	-2.08e-06
4	48	-0.83	-2.21	-34.10	3.26	-2.53	-6.99e-06
4	69	0.45	5.79	-5.53	-5.11	1.36	-2.11e-05
4	76	-0.27	-4.13	-36.66	4.37	-0.82	-2.16e-05
4	88	-0.45	-5.54	-34.78	5.92	-1.36	-1.28e-05
4	96	-2.68	-3.26	-19.23	6.94	-8.05	-5.09e-04
4	109	1.31	1.62	-17.57	-4.28	3.98	1.14e-03
4	112	-1.32	-3.44	-19.83	6.11	-3.98	-1.17e-03
4	128	-1.43	-2.16	-18.98	4.13	-4.29	-2.80e-04
4	141	0.70	0.44	-18.10	-1.85	2.12	6.04e-04
4	144	-0.70	-2.26	-19.30	3.69	-2.12	-6.35e-04
4	182	-0.56	-1.52	-23.47	2.22	-1.68	-5.51e-06
4	189	0.30	3.75	-5.73	-3.30	0.90	-1.62e-05
4	196	-0.18	-2.80	-25.18	2.96	-0.54	-1.52e-05
4	202	-0.30	-3.74	-23.93	3.99	-0.91	-9.41e-06
4	210	-2.50e-03	-0.97	-20.11	0.98	-1.82e-03	-1.63e-05
4	218	-0.11	-0.98	-18.71	1.13	-0.34	-1.26e-05
4	219	0.06	0.48	-5.92	-0.38	0.18	-8.30e-06
4	226	-0.06	-1.42	-18.80	1.48	-0.18	-1.34e-05
4	227	-9.23e-04	-0.34	-5.97	0.34	-7.83e-04	-6.33e-06
4	230	-2.35e-03	-0.91	-18.70	0.92	-1.73e-03	-1.54e-05
5	48	-3.31	-1.78	-18.32	2.83	-4.04	2.79e-03
5	69	0.44	3.52	-2.93	-3.87	1.34	-9.34e-04
5	76	-0.27	-2.73	-19.72	3.26	-0.81	3.55e-03
5	88	-0.44	-3.67	-18.95	4.54	-1.34	4.03e-03
5	96	-2.71	-2.98	-10.76	6.79	-8.16	2.23e-03
5	109	1.39	1.98	-8.77	-4.91	4.21	-7.90e-04
5	112	-1.39	-3.18	-11.48	6.12	-4.21	3.30e-03
5	128	-1.45	-1.87	-10.46	3.90	-4.35	1.77e-03
5	141	0.74	0.78	-9.40	-2.34	2.25	1.63e-04
5	144	-0.74	-1.97	-10.85	3.54	-2.25	2.35e-03
5	182	-2.21	-1.22	-12.65	1.92	-2.69	1.92e-03
5	189	0.29	2.27	-3.24	-2.50	0.89	-4.77e-04
5	196	-0.18	-1.85	-13.59	2.20	-0.54	2.42e-03
5	202	-0.30	-2.47	-13.07	3.06	-0.89	2.74e-03
5	210	-1.15e-03	-0.64	-10.84	0.64	-1.26e-03	1.34e-03
5	218	-0.44	-0.69	-10.15	0.83	-0.54	1.32e-03
5	219	0.06	0.27	-3.61	-0.31	0.18	2.55e-04
5	226	-0.06	-0.94	-10.24	1.06	-0.18	1.48e-03
5	227	-4.78e-04	-0.23	-3.70	0.23	-6.40e-04	4.37e-04
5	230	-1.09e-03	-0.60	-10.13	0.60	-1.21e-03	1.25e-03
6	25	4.99	0.09	-7.03	-0.16	3.25	3.58e-05
6	36	-1.53	-0.05	-36.23	0.09	-1.06	-2.16e-05
6	68	5.37e-03	2.16	-33.24	-3.80	0.02	8.09e-04
6	96	-0.31	-0.69	-18.44	1.20	-0.86	-4.79e-04
6	98	0.29	-0.78	-18.42	1.34	0.84	-6.82e-05
6	99	-0.30	0.78	-18.44	-1.34	-0.84	6.81e-05
6	121	0.10	3.45	-18.43	-5.93	0.30	8.67e-04
6	128	-0.16	-0.37	-18.43	0.64	-0.46	-2.55e-04
6	130	0.16	-0.41	-18.42	0.71	0.45	-3.66e-05
6	131	-0.16	0.42	-18.43	-0.71	-0.45	3.65e-05
6	153	0.05	1.84	-18.43	-3.16	0.16	4.63e-04
6	167	3.33	0.06	-7.21	-0.11	2.17	2.39e-05
6	176	-1.02	-0.04	-25.09	0.06	-0.71	-1.44e-05
6	192	3.50e-03	1.44	-23.10	-2.53	0.02	5.39e-04
6	206	-1.66e-03	2.99e-04	-19.66	-5.89e-04	-5.42e-04	0.0
6	211	0.66	0.01	-7.37	-0.02	0.43	4.77e-06
6	222	-4.60e-04	0.29	-18.41	-0.51	2.75e-03	1.08e-04
6	227	-6.13e-04	1.17e-04	-7.41	-2.18e-04	-2.41e-04	0.0
6	230	-1.55e-03	2.78e-04	-18.43	-5.48e-04	-5.06e-04	0.0

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
7	16	0.10	0.03	-71.31	-0.05	0.34	0.0
7	48	-0.20	-0.06	-65.66	0.09	-0.59	0.0
7	68	7.14e-03	1.29	-65.31	-2.02	0.04	2.11e-06
7	89	-0.02	-1.29	-13.09	2.02	-0.05	-2.13e-06
7	94	0.55	-0.18	-35.88	0.27	1.66	-2.88e-05
7	95	-0.56	0.18	-35.89	-0.27	-1.67	2.88e-05
7	104	-0.58	-0.68	-35.89	1.03	-1.72	-3.00e-05
7	121	0.19	1.83	-35.88	-2.78	0.59	-4.04e-04
7	126	0.29	-0.10	-35.88	0.15	0.88	-1.59e-05
7	127	-0.30	0.10	-35.89	-0.15	-0.89	1.58e-05
7	136	-0.31	-0.36	-35.89	0.55	-0.92	-1.65e-05
7	153	0.10	0.97	-35.88	-1.48	0.31	-2.17e-04
7	166	0.07	0.02	-49.33	-0.04	0.22	0.0
7	182	-0.13	-0.04	-45.57	0.06	-0.39	0.0
7	192	4.50e-03	0.86	-45.33	-1.35	0.03	1.40e-06
7	199	-0.01	-0.86	-13.21	1.35	-0.03	-1.43e-06
7	206	-5.50e-03	9.54e-05	-38.39	-1.45e-04	-5.11e-03	0.0
7	218	-0.03	-7.50e-03	-35.88	0.01	-0.08	0.0
7	222	-2.93e-03	0.17	-35.84	-0.27	1.81e-03	0.0
7	223	-4.02e-03	-0.17	-13.39	0.27	-8.29e-03	0.0
7	227	-1.93e-03	3.70e-05	-13.44	-5.64e-05	-1.82e-03	0.0
7	230	-5.13e-03	8.86e-05	-35.88	-1.35e-04	-4.77e-03	0.0
8	4	0.0	0.0	-71.54	0.0	0.0	0.0
8	48	-0.19	-0.06	-65.88	0.09	-0.58	0.0
8	88	-0.02	-1.30	-65.52	2.04	-0.06	0.0
8	89	-0.02	-1.30	-13.13	2.04	-0.06	0.0
8	108	-0.58	-0.70	-35.99	1.06	-1.71	1.99e-04
8	109	0.20	1.55	-35.99	-2.36	0.59	4.05e-04
8	112	-0.20	-1.55	-36.00	2.36	-0.59	-4.05e-04
8	116	-0.20	-1.55	-36.00	2.36	-0.59	-3.54e-04
8	140	-0.31	-0.37	-36.00	0.57	-0.91	1.07e-04
8	141	0.11	0.83	-36.00	-1.26	0.31	2.18e-04
8	144	-0.11	-0.83	-36.00	1.26	-0.31	-2.18e-04
8	148	-0.11	-0.83	-36.00	1.26	-0.31	-1.91e-04
8	160	0.0	0.0	-49.49	0.0	0.0	0.0
8	182	-0.13	-0.04	-45.72	0.06	-0.39	0.0
8	199	-0.02	-0.87	-13.24	1.36	-0.04	0.0
8	202	-0.02	-0.87	-45.48	1.36	-0.04	0.0
8	206	0.0	0.0	-38.51	0.0	0.0	0.0
8	218	-0.03	-7.90e-03	-36.00	0.01	-0.08	0.0
8	223	-3.07e-03	-0.17	-13.43	0.27	-7.47e-03	0.0
8	226	-3.07e-03	-0.17	-35.95	0.27	-7.47e-03	0.0
8	227	0.0	0.0	-13.48	0.0	0.0	0.0
8	230	0.0	0.0	-36.00	0.0	0.0	0.0
9	24	0.20	0.06	-65.66	-0.09	0.59	0.0
9	36	-0.10	-0.03	-71.31	0.05	-0.34	0.0
9	69	0.02	1.29	-13.09	-2.02	0.05	-2.13e-06
9	88	-7.14e-03	-1.29	-65.31	2.02	-0.04	2.11e-06
9	97	0.58	0.68	-35.89	-1.03	1.72	-3.00e-05
9	102	0.56	-0.33	-35.89	0.51	1.67	-1.99e-04
9	103	-0.55	0.33	-35.88	-0.51	-1.66	1.99e-04
9	112	-0.19	-1.83	-35.88	2.78	-0.59	-4.04e-04
9	129	0.31	0.36	-35.89	-0.55	0.92	-1.65e-05
9	134	0.30	-0.18	-35.89	0.27	0.89	-1.07e-04
9	135	-0.29	0.18	-35.88	-0.27	-0.88	1.07e-04
9	144	-0.10	-0.97	-35.88	1.48	-0.31	-2.17e-04
9	170	0.13	0.04	-45.57	-0.06	0.39	0.0
9	176	-0.07	-0.02	-49.33	0.04	-0.22	0.0
9	189	0.01	0.86	-13.21	-1.35	0.03	-1.43e-06
9	202	-4.50e-03	-0.86	-45.33	1.35	-0.03	1.40e-06
9	206	5.50e-03	-9.54e-05	-38.39	1.46e-04	5.11e-03	0.0
9	214	0.03	7.50e-03	-35.88	-0.01	0.08	0.0
9	219	4.02e-03	0.17	-13.39	-0.27	8.29e-03	0.0
9	226	2.93e-03	-0.17	-35.84	0.27	-1.81e-03	0.0
9	227	1.93e-03	-3.70e-05	-13.44	5.64e-05	1.82e-03	0.0
9	230	5.13e-03	-8.86e-05	-35.88	1.35e-04	4.77e-03	0.0
10	16	1.53	0.05	-36.23	-0.09	1.06	-2.16e-05
10	49	-4.99	-0.09	-7.03	0.16	-3.25	3.58e-05

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
10	88	-5.37e-03	-2.16	-33.24	3.80	-0.02	8.09e-04
10	102	0.30	-0.78	-18.44	1.34	0.84	6.81e-05
10	103	-0.29	0.78	-18.42	-1.34	-0.84	-6.82e-05
10	105	0.31	0.69	-18.44	-1.20	0.86	-4.79e-04
10	112	-0.10	-3.45	-18.43	5.93	-0.30	8.67e-04
10	134	0.16	-0.42	-18.43	0.71	0.45	3.65e-05
10	135	-0.16	0.41	-18.42	-0.71	-0.45	-3.66e-05
10	137	0.16	0.37	-18.43	-0.64	0.46	-2.55e-04
10	144	-0.05	-1.84	-18.43	3.16	-0.16	4.63e-04
10	166	1.02	0.04	-25.09	-0.06	0.71	-1.44e-05
10	179	-3.33	-0.06	-7.21	0.11	-2.17	2.39e-05
10	202	-3.50e-03	-1.44	-23.10	2.53	-0.02	5.39e-04
10	206	1.66e-03	-2.99e-04	-19.66	5.89e-04	5.42e-04	0.0
10	215	-0.66	-0.01	-7.37	0.02	-0.43	4.77e-06
10	226	4.60e-04	-0.29	-18.41	0.51	-2.75e-03	1.08e-04
10	227	6.13e-04	-1.17e-04	-7.41	2.19e-04	2.41e-04	0.0
10	230	1.55e-03	-2.78e-04	-18.43	5.48e-04	5.06e-04	0.0
11	24	3.31	1.78	-18.32	-2.83	4.04	2.79e-03
11	56	0.27	2.73	-19.72	-3.26	0.81	3.55e-03
11	68	0.44	3.67	-18.95	-4.54	1.34	4.03e-03
11	89	-0.44	-3.52	-2.93	3.87	-1.34	-9.34e-04
11	105	2.71	2.98	-10.76	-6.79	8.16	2.23e-03
11	121	1.39	3.18	-11.48	-6.12	4.21	3.30e-03
11	124	-1.39	-1.98	-8.77	4.91	-4.21	-7.90e-04
11	137	1.45	1.87	-10.46	-3.90	4.35	1.77e-03
11	153	0.74	1.97	-10.85	-3.54	2.25	2.35e-03
11	156	-0.74	-0.78	-9.40	2.34	-2.25	1.63e-04
11	170	2.21	1.22	-12.65	-1.92	2.69	1.92e-03
11	186	0.18	1.85	-13.59	-2.20	0.54	2.42e-03
11	192	0.30	2.47	-13.07	-3.06	0.89	2.74e-03
11	199	-0.29	-2.27	-3.24	2.50	-0.89	-4.77e-04
11	210	1.15e-03	0.64	-10.84	-0.64	1.26e-03	1.34e-03
11	214	0.44	0.69	-10.15	-0.83	0.54	1.32e-03
11	222	0.06	0.94	-10.24	-1.06	0.18	1.48e-03
11	223	-0.06	-0.27	-3.61	0.31	-0.18	2.55e-04
11	227	4.78e-04	0.23	-3.70	-0.23	6.40e-04	4.37e-04
11	230	1.09e-03	0.60	-10.13	-0.60	1.21e-03	1.25e-03
12	24	0.83	2.21	-34.10	-3.26	2.53	-6.99e-06
12	56	0.27	4.13	-36.66	-4.37	0.82	-2.16e-05
12	68	0.45	5.54	-34.78	-5.92	1.36	-1.28e-05
12	89	-0.45	-5.79	-5.53	5.11	-1.36	-2.11e-05
12	105	2.68	3.26	-19.23	-6.94	8.05	-5.09e-04
12	121	1.32	3.44	-19.83	-6.11	3.98	-1.17e-03
12	124	-1.31	-1.62	-17.57	4.28	-3.98	1.14e-03
12	137	1.43	2.16	-18.98	-4.13	4.29	-2.80e-04
12	153	0.70	2.26	-19.30	-3.69	2.12	-6.35e-04
12	156	-0.70	-0.44	-18.10	1.85	-2.12	6.04e-04
12	170	0.56	1.52	-23.47	-2.22	1.68	-5.51e-06
12	186	0.18	2.80	-25.18	-2.96	0.54	-1.52e-05
12	192	0.30	3.74	-23.93	-3.99	0.91	-9.41e-06
12	199	-0.30	-3.75	-5.73	3.30	-0.90	-1.62e-05
12	210	2.50e-03	0.97	-20.11	-0.98	1.82e-03	-1.63e-05
12	214	0.11	0.98	-18.71	-1.13	0.34	-1.26e-05
12	222	0.06	1.42	-18.80	-1.48	0.18	-1.34e-05
12	223	-0.06	-0.48	-5.92	0.38	-0.18	-8.30e-06
12	227	9.23e-04	0.34	-5.97	-0.34	7.83e-04	-6.33e-06
12	230	2.35e-03	0.91	-18.70	-0.92	1.72e-03	-1.54e-05
13	48	-0.80	2.08	-34.15	-3.03	-2.43	-2.31e-05
13	56	-0.19	4.10	-36.79	-4.24	-0.57	-4.99e-06
13	68	-0.32	5.48	-34.90	-5.69	-0.94	-5.30e-06
13	89	0.31	-5.73	-5.55	4.88	0.94	0.0
13	103	-2.53	2.57	-18.88	-5.69	-7.59	5.02e-04
13	109	0.13	2.31	-19.71	-3.09	0.39	1.20e-03
13	112	-0.13	-0.49	-17.83	1.25	-0.39	-1.21e-03
13	135	-1.35	1.80	-18.83	-3.46	-4.05	2.68e-04
13	141	0.07	1.66	-19.27	-2.08	0.21	6.45e-04
13	144	-0.07	0.17	-18.27	0.24	-0.21	-6.50e-04
13	182	-0.53	1.43	-23.51	-2.06	-1.62	-1.55e-05

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
13	186	-0.13	2.78	-25.27	-2.87	-0.38	-3.40e-06
13	192	-0.21	3.70	-24.01	-3.84	-0.63	-3.61e-06
13	199	0.21	-3.70	-5.75	3.14	0.63	0.0
13	210	-2.18e-03	0.97	-20.19	-0.98	-6.66e-04	-2.26e-06
13	218	-0.11	0.97	-18.76	-1.10	-0.32	-4.65e-06
13	222	-0.04	1.42	-18.86	-1.46	-0.13	-2.27e-06
13	223	0.04	-0.47	-5.94	0.35	0.13	0.0
13	227	-8.47e-04	0.34	-5.99	-0.34	-4.81e-04	0.0
13	230	-2.06e-03	0.91	-18.77	-0.92	-6.58e-04	-2.08e-06
14	48	-0.80	2.08	-34.02	-3.02	-2.43	3.22e-06
14	56	-0.19	4.08	-36.66	-4.22	-0.56	1.38e-05
14	68	-0.31	5.46	-34.78	-5.67	-0.94	5.87e-06
14	89	0.31	-5.71	-5.53	4.87	0.93	1.94e-05
14	103	-2.57	2.74	-18.91	-6.00	-7.71	5.15e-04
14	109	0.05	2.63	-19.83	-3.68	0.15	1.20e-03
14	112	-0.06	-0.82	-17.57	1.85	-0.15	-1.18e-03
14	135	-1.37	1.89	-18.81	-3.63	-4.11	2.82e-04
14	141	0.03	1.83	-19.30	-2.39	0.08	6.52e-04
14	144	-0.03	-0.01	-18.10	0.56	-0.08	-6.29e-04
14	182	-0.54	1.43	-23.42	-2.06	-1.62	2.85e-06
14	186	-0.13	2.77	-25.18	-2.86	-0.37	9.91e-06
14	192	-0.21	3.68	-23.93	-3.83	-0.62	4.62e-06
14	199	0.21	-3.69	-5.73	3.13	0.62	1.47e-05
14	210	-2.15e-03	0.97	-20.11	-0.98	-7.61e-04	1.19e-05
14	218	-0.11	0.96	-18.70	-1.10	-0.32	9.01e-06
14	222	-0.04	1.41	-18.80	-1.45	-0.13	9.36e-06
14	223	0.04	-0.47	-5.92	0.35	0.12	7.18e-06
14	227	-8.24e-04	0.34	-5.97	-0.34	-4.82e-04	5.30e-06
14	230	-2.03e-03	0.91	-18.70	-0.92	-7.43e-04	1.13e-05
15	48	-3.28	1.67	-18.24	-2.62	-3.95	-2.63e-03
15	56	-0.18	2.68	-19.72	-3.11	-0.55	-3.56e-03
15	68	-0.30	3.58	-18.95	-4.30	-0.92	-4.03e-03
15	89	0.30	-3.44	-2.93	3.62	0.92	9.32e-04
15	103	-2.61	2.53	-10.43	-5.93	-7.84	-1.52e-03
15	109	-0.02	2.38	-11.48	-3.69	-0.09	-3.26e-03
15	112	0.02	-1.19	-8.77	2.48	0.09	7.44e-04
15	115	-1.42	3.08	-11.39	-5.96	-4.28	-3.09e-03
15	135	-1.39	1.63	-10.29	-3.44	-4.18	-1.40e-03
15	141	-0.01	1.55	-10.85	-2.25	-0.05	-2.33e-03
15	144	0.01	-0.35	-9.40	1.04	0.05	-1.89e-04
15	147	-0.76	1.92	-10.80	-3.46	-2.29	-2.24e-03
15	182	-2.19	1.15	-12.60	-1.77	-2.63	-1.81e-03
15	186	-0.12	1.82	-13.59	-2.11	-0.37	-2.43e-03
15	192	-0.20	2.42	-13.07	-2.89	-0.61	-2.75e-03
15	199	0.20	-2.22	-3.24	2.34	0.61	4.76e-04
15	210	-9.07e-04	0.64	-10.84	-0.64	-5.17e-04	-1.34e-03
15	218	-0.44	0.68	-10.14	-0.81	-0.53	-1.30e-03
15	222	-0.04	0.93	-10.24	-1.03	-0.12	-1.48e-03
15	223	0.04	-0.26	-3.61	0.28	0.12	-2.56e-04
15	227	-3.97e-04	0.23	-3.70	-0.23	-3.95e-04	-4.38e-04
15	230	-8.61e-04	0.60	-10.13	-0.60	-5.14e-04	-1.26e-03
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**
		-4.99	-5.79	-71.54	-6.94	-8.16	-4.03e-03
		4.99	5.79	-2.93	6.94	8.16	4.03e-03

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		kN	kN	kN	kN m	kN m	kN m
1	76	0.18	-2.68	-19.72	3.11	0.55	-3.56e-03
	69	-0.30	3.44	-2.93	-3.62	-0.92	9.32e-04
	119	-1.42	1.88	-8.86	-4.75	-4.28	5.78e-04
	118	1.42	-3.08	-11.39	5.96	4.28	-3.09e-03
	99	-2.60	1.34	-9.82	-4.72	-7.83	-9.98e-04
	98	2.61	-2.53	-10.43	5.93	7.84	-1.52e-03
2	76	0.19	-4.08	-36.66	4.22	0.56	1.38e-05
	69	-0.31	5.71	-5.53	-4.87	-0.93	1.94e-05
	69	-0.31	5.71	-5.53	-4.87	-0.93	1.94e-05

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
	98	2.57	-2.74	-18.91	6.00	7.71	5.15e-04
	99	-2.56	0.93	-18.50	-4.16	-7.71	-4.93e-04
	98	2.57	-2.74	-18.91	6.00	7.71	5.15e-04
3	76	0.19	-4.10	-36.79	4.24	0.57	-4.99e-06
	69	-0.31	5.73	-5.55	-4.88	-0.94	0.0
	69	-0.31	5.73	-5.55	-4.88	-0.94	0.0
	88	0.32	-5.48	-34.90	5.69	0.94	-5.30e-06
	99	-2.52	0.75	-18.66	-3.85	-7.59	-5.06e-04
	98	2.53	-2.57	-18.88	5.69	7.59	5.02e-04
4	76	-0.27	-4.13	-36.66	4.37	-0.82	-2.16e-05
	69	0.45	5.79	-5.53	-5.11	1.36	-2.11e-05
	69	0.45	5.79	-5.53	-5.11	1.36	-2.11e-05
	96	-2.68	-3.26	-19.23	6.94	-8.05	-5.09e-04
	96	-2.68	-3.26	-19.23	6.94	-8.05	-5.09e-04
	93	2.67	1.44	-18.18	-5.10	8.04	4.78e-04
5	76	-0.27	-2.73	-19.72	3.26	-0.81	3.55e-03
	69	0.44	3.52	-2.93	-3.87	1.34	-9.34e-04
	93	2.71	1.79	-9.49	-5.58	8.16	2.79e-04
	96	-2.71	-2.98	-10.76	6.79	-8.16	2.23e-03
	96	-2.71	-2.98	-10.76	6.79	-8.16	2.23e-03
	93	2.71	1.79	-9.49	-5.58	8.16	2.79e-04
6	36	-1.53	-0.05	-36.23	0.09	-1.06	-2.16e-05
	25	4.99	0.09	-7.03	-0.16	3.25	3.58e-05
	121	0.10	3.45	-18.43	-5.93	0.30	8.67e-04
	124	-0.11	-3.45	-18.43	5.93	-0.30	-8.67e-04
	48	-2.54	-0.09	-33.52	0.16	-1.77	-3.59e-05
	25	4.99	0.09	-7.03	-0.16	3.25	3.58e-05
7	16	0.10	0.03	-71.31	-0.05	0.34	0.0
	89	-0.02	-1.29	-13.09	2.02	-0.05	-2.13e-06
	121	0.19	1.83	-35.88	-2.78	0.59	-4.04e-04
	124	-0.20	-1.83	-35.88	2.78	-0.59	4.04e-04
	104	-0.58	-0.68	-35.89	1.03	-1.72	-3.00e-05
	101	0.57	0.68	-35.88	-1.03	1.71	2.99e-05
8	4	0.0	0.0	-71.54	0.0	0.0	0.0
	89	-0.02	-1.30	-13.13	2.04	-0.06	0.0
	113	0.20	1.55	-35.99	-2.36	0.59	3.54e-04
	116	-0.20	-1.55	-36.00	2.36	-0.59	-3.54e-04
	108	-0.58	-0.70	-35.99	1.06	-1.71	1.99e-04
	105	0.58	0.70	-36.00	-1.06	1.71	-1.99e-04
9	36	-0.10	-0.03	-71.31	0.05	-0.34	0.0
	69	0.02	1.29	-13.09	-2.02	0.05	-2.13e-06
	109	0.20	1.83	-35.88	-2.78	0.59	4.04e-04
	112	-0.19	-1.83	-35.88	2.78	-0.59	-4.04e-04
	100	-0.57	-0.68	-35.88	1.03	-1.71	2.99e-05
	97	0.58	0.68	-35.89	-1.03	1.72	-3.00e-05
10	16	1.53	0.05	-36.23	-0.09	1.06	-2.16e-05
	49	-4.99	-0.09	-7.03	0.16	-3.25	3.58e-05
	109	0.11	3.45	-18.43	-5.93	0.30	-8.67e-04
	112	-0.10	-3.45	-18.43	5.93	-0.30	8.67e-04
	49	-4.99	-0.09	-7.03	0.16	-3.25	3.58e-05
	24	2.54	0.09	-33.52	-0.16	1.77	-3.59e-05
11	56	0.27	2.73	-19.72	-3.26	0.81	3.55e-03
	89	-0.44	-3.52	-2.93	3.87	-1.34	-9.34e-04
	105	2.71	2.98	-10.76	-6.79	8.16	2.23e-03
	108	-2.71	-1.79	-9.49	5.58	-8.16	2.79e-04
	108	-2.71	-1.79	-9.49	5.58	-8.16	2.79e-04
	105	2.71	2.98	-10.76	-6.79	8.16	2.23e-03
12	56	0.27	4.13	-36.66	-4.37	0.82	-2.16e-05
	89	-0.45	-5.79	-5.53	5.11	-1.36	-2.11e-05
	105	2.68	3.26	-19.23	-6.94	8.05	-5.09e-04
	89	-0.45	-5.79	-5.53	5.11	-1.36	-2.11e-05
	108	-2.67	-1.44	-18.18	5.10	-8.04	4.78e-04
	105	2.68	3.26	-19.23	-6.94	8.05	-5.09e-04
13	56	-0.19	4.10	-36.79	-4.24	-0.57	-4.99e-06
	89	0.31	-5.73	-5.55	4.88	0.94	0.0
	68	-0.32	5.48	-34.90	-5.69	-0.94	-5.30e-06
	89	0.31	-5.73	-5.55	4.88	0.94	0.0
	103	-2.53	2.57	-18.88	-5.69	-7.59	5.02e-04

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
	102	2.52	-0.75	-18.66	3.85	7.59	-5.06e-04
14	56	-0.19	4.08	-36.66	-4.22	-0.56	1.38e-05
	89	0.31	-5.71	-5.53	4.87	0.93	1.94e-05
	103	-2.57	2.74	-18.91	-6.00	-7.71	5.15e-04
	89	0.31	-5.71	-5.53	4.87	0.93	1.94e-05
	103	-2.57	2.74	-18.91	-6.00	-7.71	5.15e-04
	102	2.56	-0.93	-18.50	4.16	7.71	-4.93e-04
15	56	-0.18	2.68	-19.72	-3.11	-0.55	-3.56e-03
	89	0.30	-3.44	-2.93	3.62	0.92	9.32e-04
	115	-1.42	3.08	-11.39	-5.96	-4.28	-3.09e-03
	114	1.42	-1.88	-8.86	4.75	4.28	5.78e-04
	103	-2.61	2.53	-10.43	-5.93	-7.84	-1.52e-03
	102	2.60	-1.34	-9.82	4.72	7.83	-9.98e-04

14.4.8 Risultati elementi tipo trave

14.4.8.1 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**

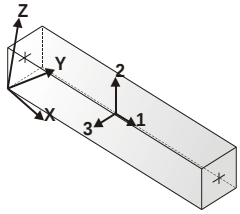
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

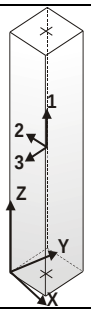
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / 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
		kN m	kN m	m	kN	cm	kN	kN	kN	kN m	kN m	kN m
1	24	-0.07	-0.46	-3.12e-04	0.0	0.0	-18.24	1.67	3.28	-2.63e-03	-3.95	-2.62
		-2.62	-3.95	-1.71e-03	-1.97	152.0	-17.41	1.67	1.31	-2.63e-03	-0.46	-0.07
1	49	1.20	3.18	-3.25e-04	0.0	0.0	-3.58	-0.27	-2.04	-3.20e-04	3.18	1.20
		0.78	0.84	1.89e-03	0.99	152.0	-3.01	-0.27	-1.05	-3.20e-04	0.84	0.78
1	69	3.62	0.92	1.94e-03	2.09	0.0	-2.93	-3.44	-0.30	9.32e-04	0.92	3.62
		-0.02	0.46	-5.71e-04	0.0	152.0	-2.35	-1.35	-0.30	9.32e-04	0.46	-0.02
1	76	0.48	-0.27	-1.79e-03	-0.63	0.0	-19.72	2.68	0.18	-3.56e-03	-0.55	-3.11
		-3.11	-0.55	7.13e-04	0.0	152.0	-18.88	2.05	0.18	-3.56e-03	-0.27	0.48
1	88	0.36	-0.46	-2.47e-03	-1.05	0.0	-18.95	3.58	0.30	-4.03e-03	-0.92	-4.30
		-4.30	-0.92	8.88e-04	0.0	152.0	-18.11	2.54	0.30	-4.03e-03	-0.46	0.36
1	98	-2.07	-3.88	-8.92e-04	0.0	0.0	-10.43	2.53	2.60	-1.52e-03	-7.83	-5.93
		-5.93	-7.83	-4.26e-03	0.0	152.0	-9.82	2.53	2.60	-1.52e-03	-3.88	-2.07
1	99	4.72	7.83	2.02e-04	0.0	0.0	-9.82	-1.34	-2.60	-9.98e-04	7.83	4.72
		2.68	3.88	4.67e-03	0.0	152.0	-9.20	-1.34	-2.60	-9.98e-04	3.88	2.68
1	118	-1.27	-2.14	-2.63e-03	0.0	0.0	-11.39	3.08	1.41	-3.09e-03	-4.26	-5.97
		-5.97	-4.26	-9.07e-04	0.0	152.0	-10.77	3.08	1.41	-3.09e-03	-2.14	-1.27
1	119	4.76	4.26	1.94e-03	0.0	0.0	-8.86	-1.89	-1.41	5.78e-04	4.26	4.76
		1.88	2.14	1.31e-03	0.0	152.0	-8.25	-1.89	-1.41	5.78e-04	2.14	1.88
1	121	2.50	0.06	2.12e-03	0.0	0.0	-8.77	-1.19	-0.01	7.44e-04	0.06	2.50
		0.67	0.06	-1.39e-03	0.0	152.0	-8.16	-1.19	-0.01	7.44e-04	0.06	0.67
1	124	-0.07	-0.06	-2.81e-03	0.0	0.0	-11.48	2.38	0.01	-3.26e-03	-0.06	-3.71
		-3.71	-0.06	1.80e-03	0.0	152.0	-10.87	2.38	0.01	-3.26e-03	-0.06	-0.07
1	130	-0.96	-2.07	-6.37e-04	0.0	0.0	-10.29	1.63	1.39	-1.40e-03	-4.18	-3.44
		-3.44	-4.18	-2.18e-03	0.0	152.0	-9.68	1.63	1.39	-1.40e-03	-2.07	-0.96
1	131	2.24	4.17	-6.36e-05	0.0	0.0	-9.96	-0.43	-1.39	-1.12e-03	4.17	2.24
		1.57	2.07	2.58e-03	0.0	152.0	-9.35	-0.43	-1.39	-1.12e-03	2.07	1.57
1	150	-0.54	-1.14	-1.57e-03	0.0	0.0	-10.80	1.92	0.75	-2.24e-03	-2.27	-3.47
		-3.47	-2.27	-3.88e-04	0.0	152.0	-10.18	1.92	0.75	-2.24e-03	-1.14	-0.54
1	151	2.26	2.27	8.76e-04	0.0	0.0	-9.45	-0.73	-0.75	-2.77e-04	2.27	2.26
		1.15	1.14	7.95e-04	0.0	152.0	-8.84	-0.73	-0.75	-2.77e-04	1.14	1.15
1	153	1.05	0.03	9.71e-04	0.0	0.0	-9.40	-0.36	-6.63e-03	-1.89e-04	0.03	1.05
		0.50	0.03	-6.47e-04	0.0	152.0	-8.79	-0.36	-6.63e-03	-1.89e-04	0.03	0.50
1	156	0.11	-0.03	-1.66e-03	0.0	0.0	-10.85	1.55	8.36e-03	-2.33e-03	-0.03	-2.26
		-2.26	-0.03	1.05e-03	0.0	152.0	-10.24	1.55	8.36e-03	-2.33e-03	-0.03	0.11
1	170	-0.03	-0.30	-2.26e-04	0.0	0.0	-12.60	1.15	2.19	-1.81e-03	-2.63	-1.77
		-1.77	-2.63	-1.13e-03	-1.31	152.0	-11.99	1.15	0.87	-1.81e-03	-0.30	-0.03
1	179	0.72	2.12	-2.61e-04	0.0	0.0	-3.67	-0.11	-1.36	-3.59e-04	2.12	0.72
		0.56	0.56	1.29e-03	0.66	152.0	-3.06	-0.11	-0.70	-3.59e-04	0.56	0.56
1	189	2.34	0.61	1.25e-03	1.40	0.0	-3.24	-2.22	-0.20	4.76e-04	0.61	2.34
		0.03	0.31	-3.55e-04	0.0	152.0	-2.62	-0.82	-0.20	4.76e-04	0.31	0.03
1	196	0.34	-0.18	-1.21e-03	-0.42	0.0	-13.59	1.82	0.12	-2.43e-03	-0.37	-2.11
		-2.11	-0.37	4.86e-04	0.0	152.0	-12.97	1.40	0.12	-2.43e-03	-0.18	0.34
1	202	0.25	-0.30	-1.67e-03	-0.70	0.0	-13.07	2.42	0.20	-2.75e-03	-0.61	-2.89
		-2.89	-0.61	6.03e-04	0.0	152.0	-12.46	1.72	0.20	-2.75e-03	-0.30	0.25
1	210	0.32	8.61e-04	-3.67e-04	0.0	0.0	-10.84	0.64	9.07e-04	-1.34e-03	-5.17e-04	-0.64
		-0.64	-5.17e-04	2.17e-04	0.0	152.0	-10.22	0.64	9.07e-04	-1.34e-03	8.61e-04	0.32
1	214	0.22	-0.06	-3.03e-04	0.0	0.0	-10.14	0.68	0.44	-1.30e-03	-0.53	-0.81
		-0.81	-0.53	-7.34e-05	-0.26	152.0	-9.53	0.68	0.18	-1.30e-03	-0.06	0.22
1	215	0.21	0.42	-1.58e-04	0.0	0.0	-3.70	0.16	-0.27	-4.22e-04	0.42	-0.04
		-0.04	0.11	3.20e-04	0.13	152.0	-3.08	0.16	-0.14	-4.22e-04	0.11	0.21
1	218	0.39	0.42	-3.71e-04	0.0	0.0	-10.12	0.53	-0.27	-1.24e-03	0.42	-0.41
		-0.41	0.11	4.45e-04	0.13	152.0	-9.51	0.53	-0.14	-1.24e-03	0.11	0.39
1	219	0.28	0.12	1.43e-04	0.28	0.0	-3.61	-0.26	-0.04	-2.56e-04	0.12	0.28
		0.10	0.06	-8.35e-06	0.0	152.0	-3.00	0.02	-0.04	-2.56e-04	0.06	0.10
1	226	0.28	-0.06	-5.91e-04	-0.14	0.0	-10.24	0.93	0.04	-1.48e-03	-0.12	-1.03
		-1.03	-0.12	2.73e-04	0.0	152.0	-9.62	0.79	0.04	-1.48e-03	-0.06	0.28
1	227	0.12	2.08e-04	-1.33e-04	0.0	0.0	-3.70	0.23	3.97e-04	-4.38e-04	-3.95e-04	-0.23
		-0.23	-3.95e-04	7.82e-05	0.0	152.0	-3.09	0.23	3.97e-04	-4.38e-04	2.08e-04	0.12
1	230	0.30	7.95e-04	-3.45e-04	0.0	0.0	-10.13	0.60	8.61e-04	-1.26e-03	-5.14e-04	-0.60
		-0.60	-5.14e-04	2.04e-04	0.0	152.0	-9.51	0.60	8.61e-04	-1.26e-03	7.95e-04	0.30
2	25	-0.02	3.25	-6.63e-05	0.0	0.0	-7.03	0.09	-4.99	3.58e-05	3.25	-0.16
		-0.16	-1.34	7.90e-03	3.94	152.0	-6.59	0.09	-1.05	3.58e-05	-1.34	-0.02
2	36	0.09	0.36	3.92e-05	0.0	0.0	-36.23	-0.05	1.53	-2.16e-05	-1.06	0.09
		0.01	-1.06	-2.83e-03	-1.18	152.0	-35.57	-0.05	0.35	-2.16e-05	0.36	0.01
2	48	0.16	0.60	6.58e-05	0.0	0.0	-33.52	-0.09	2.54	-3.59e-05	-1.77	0.16
		0.02	-1.77	-4.72e-03	-1.97	152.0	-32.86	-0.09	0.57	-3.59e-05	0.60	0.02

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
2	68	-0.51	0.02	-1.61e-03	0.0	0.0	-33.24	2.16	-5.37e-03	8.09e-04	0.02	-3.80
		-3.80	0.02	1.35e-04	0.0	152.0	-32.58	2.16	-5.37e-03	8.09e-04	0.02	-0.51
2	89	3.80	-0.01	1.61e-03	0.0	0.0	-7.21	-2.16	8.40e-03	-8.09e-04	-0.02	3.80
		0.51	-0.02	-1.30e-04	0.0	152.0	-6.77	-2.16	8.40e-03	-8.09e-04	-0.01	0.51
2	93	-0.14	0.86	-5.02e-04	0.0	0.0	-18.42	0.69	-0.30	4.79e-04	0.86	-1.20
		-1.20	0.40	4.59e-03	0.0	152.0	-17.94	0.69	-0.30	4.79e-04	0.40	-0.14
2	96	1.20	-0.40	5.02e-04	0.0	0.0	-18.44	-0.69	0.31	-4.79e-04	-0.86	1.20
		0.14	-0.86	-4.58e-03	0.0	152.0	-17.96	-0.69	0.31	-4.79e-04	-0.40	0.14
2	98	1.34	0.84	5.60e-04	0.0	0.0	-18.42	-0.78	-0.29	-6.82e-05	0.84	1.34
		0.15	0.39	4.45e-03	0.0	152.0	-17.94	-0.78	-0.29	-6.82e-05	0.39	0.15
2	99	-0.15	-0.39	-5.60e-04	0.0	0.0	-18.44	0.78	0.30	6.81e-05	-0.84	-1.34
		-1.34	-0.84	-4.45e-03	0.0	152.0	-17.96	0.78	0.30	6.81e-05	-0.39	-0.15
2	121	-0.68	0.30	-2.49e-03	0.0	0.0	-18.43	3.45	-0.10	8.67e-04	0.30	-5.93
		-5.93	0.14	1.58e-03	0.0	152.0	-17.95	3.45	-0.10	8.67e-04	0.14	-0.68
2	124	5.93	-0.14	2.48e-03	0.0	0.0	-18.43	-3.45	0.11	-8.67e-04	-0.30	5.93
		0.68	-0.30	-1.58e-03	0.0	152.0	-17.95	-3.45	0.11	-8.67e-04	-0.14	0.68
2	125	-0.08	0.46	-2.70e-04	0.0	0.0	-18.42	0.37	-0.16	2.55e-04	0.46	-0.64
		-0.64	0.22	2.45e-03	0.0	152.0	-17.95	0.37	-0.16	2.55e-04	0.22	-0.08
2	128	0.64	-0.21	2.69e-04	0.0	0.0	-18.43	-0.37	0.16	-2.55e-04	-0.46	0.64
		0.08	-0.46	-2.44e-03	0.0	152.0	-17.95	-0.37	0.16	-2.55e-04	-0.21	0.08
2	130	0.71	0.45	2.98e-04	0.0	0.0	-18.42	-0.41	-0.16	-3.66e-05	0.45	0.71
		0.08	0.21	2.38e-03	0.0	152.0	-17.95	-0.41	-0.16	-3.66e-05	0.21	0.08
2	131	-0.08	-0.21	-2.99e-04	0.0	0.0	-18.43	0.42	0.16	3.65e-05	-0.45	-0.71
		-0.71	-0.45	-2.37e-03	0.0	152.0	-17.95	0.42	0.16	3.65e-05	-0.21	-0.08
2	153	-0.37	0.16	-1.33e-03	0.0	0.0	-18.43	1.84	-0.05	4.63e-04	0.16	-3.16
		-3.16	0.08	8.45e-04	0.0	152.0	-17.95	1.84	-0.05	4.63e-04	0.08	-0.37
2	156	3.16	-0.07	1.32e-03	0.0	0.0	-18.43	-1.84	0.06	-4.63e-04	-0.16	3.16
		0.36	-0.16	-8.41e-04	0.0	152.0	-17.95	-1.84	0.06	-4.63e-04	-0.07	0.36
2	167	-0.01	2.17	-4.42e-05	0.0	0.0	-7.21	0.06	-3.33	2.39e-05	2.17	-0.11
		-0.11	-0.89	5.27e-03	2.63	152.0	-6.73	0.06	-0.70	2.39e-05	-0.89	-0.01
2	176	0.06	0.24	2.61e-05	0.0	0.0	-25.09	-0.04	1.02	-1.44e-05	-0.71	0.06
		7.48e-03	-0.71	-1.89e-03	-0.79	152.0	-24.61	-0.04	0.23	-1.44e-05	0.24	7.48e-03
2	182	0.10	0.40	4.38e-05	0.0	0.0	-23.29	-0.06	1.70	-2.39e-05	-1.18	0.10
		0.01	-1.18	-3.14e-03	-1.31	152.0	-22.81	-0.06	0.38	-2.39e-05	0.40	0.01
2	192	-0.34	0.02	-1.07e-03	0.0	0.0	-23.10	1.44	-3.50e-03	5.39e-04	0.02	-2.53
		-2.53	0.01	8.98e-05	0.0	152.0	-22.62	1.44	-3.50e-03	5.39e-04	0.01	-0.34
2	199	2.53	-7.50e-03	1.07e-03	0.0	0.0	-7.33	-1.44	5.80e-03	-5.39e-04	-0.02	2.53
		0.34	-0.02	-8.65e-05	0.0	152.0	-6.85	-1.44	5.80e-03	-5.39e-04	-7.50e-03	0.34
2	206	-1.34e-04	1.98e-03	0.0	0.0	0.0	-19.66	2.99e-04	1.66e-03	0.0	-5.42e-04	-5.89e-04
		-5.89e-04	-5.42e-04	1.93e-06	0.0	152.0	-19.18	2.99e-04	1.66e-03	0.0	1.98e-03	-1.34e-04
2	211	-2.59e-03	0.43	-8.92e-06	0.0	0.0	-7.37	0.01	-0.66	4.77e-06	0.43	-0.02
		-0.02	-0.18	1.05e-03	0.53	152.0	-6.89	0.01	-0.14	4.77e-06	-0.18	-2.59e-03
2	218	0.02	0.08	8.58e-06	0.0	0.0	-18.45	-0.01	0.34	-4.81e-06	-0.24	0.02
		2.43e-03	-0.24	-6.27e-04	-0.26	152.0	-17.97	-0.01	0.08	-4.81e-06	0.08	2.43e-03
2	222	-0.07	3.45e-03	-2.14e-04	0.0	0.0	-18.41	0.29	4.60e-04	1.08e-04	2.75e-03	-0.51
		-0.51	2.75e-03	1.93e-05	0.0	152.0	-17.93	0.29	4.60e-04	1.08e-04	3.45e-03	-0.07
2	223	0.51	-9.47e-04	2.14e-04	0.0	0.0	-7.40	-0.29	1.65e-03	-1.08e-04	-3.46e-03	0.51
		0.07	-3.46e-03	-1.69e-05	0.0	152.0	-6.92	-0.29	1.65e-03	-1.08e-04	-9.47e-04	0.07
2	227	-4.09e-05	6.91e-04	0.0	0.0	0.0	-7.41	1.17e-04	6.13e-04	0.0	-2.41e-04	-2.18e-04
		-2.18e-04	-2.41e-04	0.0	0.0	152.0	-6.93	1.17e-04	6.13e-04	0.0	6.91e-04	-4.09e-05
2	230	-1.26e-04	1.85e-03	0.0	0.0	0.0	-18.43	2.78e-04	1.55e-03	0.0	-5.06e-04	-5.48e-04
		-5.48e-04	-5.06e-04	1.81e-06	0.0	152.0	-17.95	2.78e-04	1.55e-03	0.0	1.85e-03	-1.26e-04
3	24	4.04	2.83	1.69e-03	1.97	0.0	-18.32	-3.31	-1.78	2.79e-03	2.83	4.04
		0.50	0.12	4.43e-04	0.0	152.0	-17.48	-1.34	-1.78	2.79e-03	0.12	0.50
3	49	-0.88	-0.83	-1.87e-03	-0.99	0.0	-3.51	2.07	0.38	1.52e-04	-1.41	-3.28
		-3.28	-1.41	1.94e-04	0.0	152.0	-2.94	1.08	0.38	1.52e-04	-0.83	-0.88
3	56	0.81	3.26	-5.55e-04	0.0	0.0	-19.72	-0.27	-2.73	3.55e-03	3.26	0.81
		0.40	-0.41	1.79e-03	0.63	152.0	-18.88	-0.27	-2.10	3.55e-03	-0.41	0.40
3	68	1.34	4.54	-6.26e-04	0.0	0.0	-18.95	-0.44	-3.67	4.03e-03	4.54	1.34
		0.67	-0.23	2.47e-03	1.05	152.0	-18.11	-0.44	-2.62	4.03e-03	-0.23	0.67
3	89	-0.67	-0.11	3.10e-04	0.0	0.0	-2.93	0.44	3.52	-9.34e-04	-3.87	-1.34
		-1.34	-3.87	-1.94e-03	-2.09	152.0	-2.35	0.44	1.43	-9.34e-04	-0.11	-0.67
3	105	8.15	6.79	4.16e-03	0.0	0.0	-10.76	-2.71	-2.98	2.23e-03	6.79	8.15
		4.04	2.25	1.47e-03	0.0	152.0	-10.14	-2.71	-2.98	2.23e-03	2.25	4.04
3	108	-4.04	-2.86	-4.56e-03	0.0	0.0	-9.49	2.71	1.78	2.79e-04	-5.58	-8.15
		-8.15	-5.58	-7.82e-04	0.0	152.0	-8.88	2.71	1.78	2.79e-04	-2.86	-4.04
3	121	4.19	6.13	8.20e-04	0.0	0.0	-11.48	-1.38	-3.18	3.30e-03	6.13	4.19
		2.11	1.27	2.81e-03	0.0	152.0	-10.87	-1.38	-3.18	3.30e-03	1.27	2.11

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
3	124	-2.11	-1.88	-1.23e-03	0.0	0.0	-8.77	1.38	1.99	-7.90e-04	-4.92	-4.19
		-4.19	-4.92	-2.12e-03	0.0	152.0	-8.15	1.38	1.99	-7.90e-04	-1.88	-2.11
3	137	4.35	3.90	2.12e-03	0.0	0.0	-10.46	-1.45	-1.87	1.77e-03	3.90	4.35
		2.15	1.06	9.46e-04	0.0	152.0	-9.85	-1.45	-1.87	1.77e-03	1.06	2.15
3	140	-2.16	-1.67	-2.53e-03	0.0	0.0	-9.79	1.44	0.67	7.34e-04	-2.69	-4.35
		-4.35	-2.69	-2.56e-04	0.0	152.0	-9.18	1.44	0.67	7.34e-04	-1.67	-2.16
3	153	2.23	3.55	3.42e-04	0.0	0.0	-10.85	-0.74	-1.98	2.35e-03	3.55	2.23
		1.12	0.54	1.66e-03	0.0	152.0	-10.24	-0.74	-1.98	2.35e-03	0.54	1.12
3	156	-1.13	-1.14	-7.48e-04	0.0	0.0	-9.40	0.74	0.78	1.63e-04	-2.34	-2.23
		-2.23	-2.34	-9.69e-04	0.0	152.0	-8.79	0.74	0.78	1.63e-04	-1.14	-1.13
3	170	2.69	1.92	1.11e-03	1.31	0.0	-12.65	-2.21	-1.22	1.92e-03	1.92	2.69
		0.34	0.06	3.13e-04	0.0	152.0	-12.04	-0.89	-1.22	1.92e-03	0.06	0.34
3	179	-0.59	-0.59	-1.27e-03	-0.66	0.0	-3.63	1.38	0.18	2.47e-04	-0.86	-2.18
		-2.18	-0.86	1.73e-04	0.0	152.0	-3.01	0.72	0.18	2.47e-04	-0.59	-0.59
3	186	0.54	2.20	-3.81e-04	0.0	0.0	-13.59	-0.18	-1.85	2.42e-03	2.20	0.54
		0.27	-0.29	1.21e-03	0.42	152.0	-12.98	-0.18	-1.43	2.42e-03	-0.29	0.27
3	192	0.89	3.06	-4.28e-04	0.0	0.0	-13.07	-0.30	-2.47	2.74e-03	3.06	0.89
		0.44	-0.17	1.67e-03	0.70	152.0	-12.46	-0.30	-1.78	2.74e-03	-0.17	0.44
3	199	-0.45	-0.11	1.81e-04	0.0	0.0	-3.24	0.29	2.27	-4.77e-04	-2.50	-0.89
		-0.89	-2.50	-1.25e-03	-1.40	152.0	-2.62	0.29	0.87	-4.77e-04	-0.11	-0.45
3	210	1.26e-03	0.64	-2.16e-04	0.0	0.0	-10.84	-1.15e-03	-0.64	1.34e-03	0.64	1.26e-03
		-4.92e-04	-0.32	3.67e-04	0.0	152.0	-10.22	-1.15e-03	-0.64	1.34e-03	-0.32	-4.92e-04
3	214	0.54	0.83	7.11e-05	0.26	0.0	-10.15	-0.44	-0.69	1.32e-03	0.83	0.54
		0.07	-0.21	3.20e-04	0.0	152.0	-9.54	-0.18	-0.69	1.32e-03	-0.21	0.07
3	215	-0.12	0.01	-3.17e-04	-0.13	0.0	-3.69	0.28	-0.15	3.99e-04	0.01	-0.44
		-0.44	-0.21	1.41e-04	0.0	152.0	-3.07	0.14	-0.15	3.99e-04	-0.21	-0.12
3	218	-0.12	0.38	-4.42e-04	-0.13	0.0	-10.11	0.27	-0.52	1.22e-03	0.38	-0.44
		-0.44	-0.40	3.53e-04	0.0	152.0	-9.50	0.14	-0.52	1.22e-03	-0.40	-0.12
3	222	0.18	1.06	-2.37e-04	0.0	0.0	-10.24	-0.06	-0.94	1.48e-03	1.06	0.18
		0.09	-0.26	5.91e-04	0.14	152.0	-9.62	-0.06	-0.80	1.48e-03	-0.26	0.09
3	223	-0.09	-0.12	-2.64e-05	0.0	0.0	-3.61	0.06	0.27	2.55e-04	-0.31	-0.18
		-0.18	-0.31	-1.43e-04	-0.28	152.0	-3.00	0.06	-8.97e-03	2.55e-04	-0.12	-0.09
3	227	6.40e-04	0.23	-7.81e-05	0.0	0.0	-3.70	-4.78e-04	-0.23	4.37e-04	0.23	6.40e-04
		-8.59e-05	-0.12	1.33e-04	0.0	152.0	-3.09	-4.78e-04	-0.23	4.37e-04	-0.12	-8.59e-05
3	230	1.21e-03	0.60	-2.03e-04	0.0	0.0	-10.13	-1.09e-03	-0.60	1.25e-03	0.60	1.21e-03
		-4.50e-04	-0.30	3.45e-04	0.0	152.0	-9.51	-1.09e-03	-0.60	1.25e-03	-0.30	-4.50e-04
4	24	0.14	-1.21	-8.88e-04	0.0	0.0	-34.02	2.08	0.80	3.22e-06	-2.43	-3.02
		-3.02	-2.43	-9.86e-04	0.0	152.0	-33.17	2.08	0.80	3.22e-06	-1.21	0.14
4	49	1.00	2.43	-2.68e-04	0.0	0.0	-5.93	-0.08	-0.80	2.24e-05	2.43	1.00
		0.88	1.21	1.67e-03	0.0	152.0	-5.35	-0.08	-0.80	2.24e-05	1.21	0.88
4	69	4.87	0.93	2.34e-03	4.20	0.0	-5.53	-5.71	-0.31	1.94e-05	0.93	4.87
		-0.62	0.46	-8.03e-04	0.0	152.0	-4.95	-1.51	-0.31	1.94e-05	0.46	-0.62
4	76	1.03	-0.27	-2.33e-03	-1.26	0.0	-36.66	4.08	0.19	1.38e-05	-0.56	-4.22
		-4.22	-0.56	1.03e-03	0.0	152.0	-35.81	2.82	0.19	1.38e-05	-0.27	1.03
4	88	1.03	-0.46	-3.11e-03	-2.10	0.0	-34.78	5.46	0.31	5.87e-06	-0.94	-5.67
		-5.67	-0.94	1.25e-03	0.0	152.0	-33.93	3.36	0.31	5.87e-06	-0.46	1.03
4	98	-1.83	-3.81	-9.32e-04	0.0	0.0	-18.91	2.74	2.57	5.15e-04	-7.71	-6.00
		-6.00	-7.71	-4.17e-03	0.0	152.0	-18.29	2.74	2.57	5.15e-04	-3.81	-1.83
4	99	4.17	7.71	-1.24e-04	0.0	0.0	-18.50	-0.92	-2.56	-4.93e-04	7.71	4.17
		2.76	3.82	4.79e-03	0.0	152.0	-17.88	-0.92	-2.56	-4.93e-04	3.82	2.76
4	121	1.86	-0.06	1.75e-03	0.0	0.0	-17.57	-0.82	0.07	-1.18e-03	-0.18	1.86
		0.60	-0.18	-1.31e-03	0.0	152.0	-16.95	-0.82	0.07	-1.18e-03	-0.06	0.60
4	124	0.32	0.18	-2.79e-03	0.0	0.0	-19.83	2.64	-0.06	1.20e-03	0.18	-3.70
		-3.70	0.07	1.93e-03	0.0	152.0	-19.21	2.64	-0.06	1.20e-03	0.07	0.32
4	130	-0.76	-2.03	-7.42e-04	0.0	0.0	-18.81	1.88	1.37	2.82e-04	-4.11	-3.63
		-3.63	-4.11	-2.08e-03	0.0	152.0	-18.19	1.88	1.37	2.82e-04	-2.03	-0.76
4	131	1.79	4.11	-3.07e-04	0.0	0.0	-18.59	-0.07	-1.37	-2.59e-04	4.11	1.79
		1.69	2.04	2.70e-03	0.0	152.0	-17.97	-0.07	-1.37	-2.59e-04	2.04	1.69
4	153	0.57	-0.03	6.86e-04	0.0	0.0	-18.10	-0.02	0.04	-6.29e-04	-0.10	0.57
		0.54	-0.10	-5.54e-04	0.0	152.0	-17.48	-0.02	0.04	-6.29e-04	-0.03	0.54
4	156	0.39	0.10	-1.73e-03	0.0	0.0	-19.30	1.83	-0.03	6.52e-04	0.10	-2.40
		-2.40	0.04	1.17e-03	0.0	152.0	-18.68	1.83	-0.03	6.52e-04	0.04	0.39
4	170	0.11	-0.81	-6.18e-04	0.0	0.0	-23.42	1.43	0.54	2.85e-06	-1.62	-2.06
		-2.06	-1.62	-6.42e-04	0.0	152.0	-22.80	1.43	0.54	2.85e-06	-0.81	0.11
4	179	0.65	1.62	-2.44e-04	0.0	0.0	-6.00	0.06	-0.53	1.67e-05	1.62	0.55
		0.55	0.81	1.15e-03	0.0	152.0	-5.38	0.06	-0.53	1.67e-05	0.81	0.65
4	189	3.13	0.62	1.50e-03	2.80	0.0	-5.73	-3.69	-0.21	1.47e-05	0.62	3.13
		-0.35	0.31	-4.97e-04	0.0	152.0	-5.11	-0.89	-0.21	1.47e-05	0.31	-0.35

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
4	196	0.71	-0.18	-1.58e-03	-0.84	0.0	-25.18	2.77	0.13	9.91e-06	-0.37	-2.86
		-2.86	-0.37	7.01e-04	0.0	152.0	-24.56	1.93	0.13	9.91e-06	-0.18	0.71
4	202	0.71	-0.31	-2.10e-03	-1.40	0.0	-23.93	3.68	0.21	4.62e-06	-0.62	-3.83
		-3.83	-0.62	8.52e-04	0.0	152.0	-23.31	2.28	0.21	4.62e-06	-0.31	0.71
4	210	0.49	2.50e-03	-5.58e-04	0.0	0.0	-20.11	0.97	2.15e-03	1.19e-05	-7.61e-04	-0.98
		-0.98	-7.61e-04	3.30e-04	0.0	152.0	-19.49	0.97	2.15e-03	1.19e-05	2.50e-03	0.49
4	214	0.37	-0.16	-5.15e-04	0.0	0.0	-18.70	0.96	0.11	9.01e-06	-0.32	-1.10
		-1.10	-0.32	1.04e-04	0.0	152.0	-18.08	0.96	0.11	9.01e-06	-0.16	0.37
4	215	0.27	0.32	-2.05e-04	0.0	0.0	-5.98	0.28	-0.11	7.58e-06	0.32	-0.16
		-0.16	0.16	3.23e-04	0.0	152.0	-5.36	0.28	-0.11	7.58e-06	0.16	0.27
4	218	0.56	0.32	-5.34e-04	0.0	0.0	-18.71	0.85	-0.10	1.36e-05	0.32	-0.74
		-0.74	0.16	5.16e-04	0.0	152.0	-18.09	0.85	-0.10	1.36e-05	0.16	0.56
4	219	0.35	0.12	1.43e-04	0.56	0.0	-5.92	-0.47	-0.04	7.18e-06	0.12	0.35
		0.06	0.06	-1.10e-05	0.0	152.0	-5.30	0.09	-0.04	7.18e-06	0.06	0.07
4	226	0.49	-0.06	-8.10e-04	-0.28	0.0	-18.80	1.41	0.04	9.36e-06	-0.13	-1.45
		-1.45	-0.13	4.01e-04	0.0	152.0	-18.18	1.13	0.04	9.36e-06	-0.06	0.49
4	227	0.17	7.70e-04	-1.96e-04	0.0	0.0	-5.97	0.34	8.24e-04	5.30e-06	-4.82e-04	-0.34
		-0.34	-4.82e-04	1.16e-04	0.0	152.0	-5.35	0.34	8.24e-04	5.30e-06	7.70e-04	0.17
4	230	0.46	2.34e-03	-5.24e-04	0.0	0.0	-18.70	0.91	2.03e-03	1.13e-05	-7.43e-04	-0.92
		-0.92	-7.43e-04	3.10e-04	0.0	152.0	-18.08	0.91	2.03e-03	1.13e-05	2.34e-03	0.46
5	16	-4.72e-04	0.34	-4.73e-05	0.0	0.0	-71.31	0.03	-0.10	0.0	0.34	-0.05
		-0.05	0.18	9.12e-04	0.0	152.0	-70.89	0.03	-0.10	0.0	0.18	-4.72e-04
5	25	-7.85e-04	0.58	-7.85e-05	0.0	0.0	-13.45	0.06	-0.19	0.0	0.58	-0.09
		-0.09	0.29	1.54e-03	0.0	152.0	-13.12	0.06	-0.19	0.0	0.29	-7.85e-04
5	48	0.09	-0.28	7.82e-05	0.0	0.0	-65.66	-0.06	0.20	0.0	-0.59	0.09
		7.84e-04	-0.59	-1.55e-03	0.0	152.0	-65.24	-0.06	0.20	0.0	-0.28	7.84e-04
5	68	-0.07	0.04	-1.84e-03	0.0	0.0	-65.31	1.29	-7.14e-03	2.11e-06	0.04	-2.02
		-2.02	0.03	1.19e-04	0.0	152.0	-64.89	1.29	-7.14e-03	2.11e-06	0.03	-0.07
5	89	2.02	-0.02	1.84e-03	0.0	0.0	-13.09	-1.29	0.02	-2.13e-06	-0.05	2.02
		0.07	-0.05	-1.33e-04	0.0	152.0	-12.77	-1.29	0.02	-2.13e-06	-0.02	0.07
5	94	0.27	1.66	2.45e-04	0.0	0.0	-35.88	-0.18	-0.55	-2.88e-05	1.66	0.27
		-2.69e-03	0.81	4.41e-03	0.0	152.0	-35.55	-0.18	-0.55	-2.88e-05	0.81	-2.69e-03
5	95	2.69e-03	-0.81	-2.45e-04	0.0	0.0	-35.89	0.18	0.56	2.88e-05	-1.67	-0.27
		-0.27	-1.67	-4.42e-03	0.0	152.0	-35.57	0.18	0.56	2.88e-05	-0.81	2.69e-03
5	101	-2.21e-03	1.71	-9.25e-04	0.0	0.0	-35.88	0.68	-0.57	2.99e-05	1.71	-1.03
		-1.03	0.84	4.54e-03	0.0	152.0	-35.55	0.68	-0.57	2.99e-05	0.84	-2.21e-03
5	104	1.03	-0.83	9.25e-04	0.0	0.0	-35.89	-0.68	0.58	-3.00e-05	-1.72	1.03
		2.21e-03	-1.72	-4.56e-03	0.0	152.0	-35.57	-0.68	0.58	-3.00e-05	-0.83	2.21e-03
5	121	3.51e-03	0.59	-2.49e-03	0.0	0.0	-35.88	1.83	-0.19	-4.04e-04	0.59	-2.78
		-2.78	0.29	1.56e-03	0.0	152.0	-35.56	1.83	-0.19	-4.04e-04	0.29	3.51e-03
5	124	2.78	-0.28	2.49e-03	0.0	0.0	-35.88	-1.83	0.20	4.04e-04	-0.59	2.78
		-3.51e-03	-0.59	-1.57e-03	0.0	152.0	-35.56	-1.83	0.20	4.04e-04	-0.28	-3.51e-03
5	126	0.15	0.88	1.31e-04	0.0	0.0	-35.88	-0.10	-0.29	-1.59e-05	0.88	0.15
		-1.44e-03	0.44	2.35e-03	0.0	152.0	-35.56	-0.10	-0.29	-1.59e-05	0.44	-1.44e-03
5	127	1.44e-03	-0.43	-1.31e-04	0.0	0.0	-35.89	0.10	0.30	1.58e-05	-0.89	-0.15
		-0.15	-0.89	-2.36e-03	0.0	152.0	-35.56	0.10	0.30	1.58e-05	-0.43	1.44e-03
5	133	-1.17e-03	0.91	-4.94e-04	0.0	0.0	-35.88	0.36	-0.30	1.64e-05	0.91	-0.55
		-0.55	0.45	2.42e-03	0.0	152.0	-35.56	0.36	-0.30	1.64e-05	0.45	-1.17e-03
5	136	0.55	-0.44	4.94e-04	0.0	0.0	-35.89	-0.36	0.31	-1.65e-05	-0.92	0.55
		1.17e-03	-0.92	-2.43e-03	0.0	152.0	-35.56	-0.36	0.31	-1.65e-05	-0.44	1.17e-03
5	153	1.89e-03	0.31	-1.33e-03	0.0	0.0	-35.88	0.97	-0.10	-2.17e-04	0.31	-1.48
		-1.48	0.16	8.29e-04	0.0	152.0	-35.56	0.97	-0.10	-2.17e-04	0.16	1.89e-03
5	156	1.48	-0.15	1.33e-03	0.0	0.0	-35.88	-0.97	0.11	2.17e-04	-0.32	1.48
		-1.89e-03	-0.32	-8.43e-04	0.0	152.0	-35.56	-0.97	0.11	2.17e-04	-0.15	-1.89e-03
5	166	-3.15e-04	0.22	-3.15e-05	0.0	0.0	-49.33	0.02	-0.07	0.0	0.22	-0.04
		-0.04	0.12	6.08e-04	0.0	152.0	-49.01	0.02	-0.07	0.0	0.12	-3.15e-04
5	167	-5.24e-04	0.38	-5.23e-05	0.0	0.0	-13.44	0.04	-0.12	0.0	0.38	-0.06
		-0.06	0.19	1.03e-03	0.0	152.0	-13.12	0.04	-0.12	0.0	0.19	-5.24e-04
5	182	0.06	-0.19	5.21e-05	0.0	0.0	-45.57	-0.04	0.13	0.0	-0.39	0.06
		5.23e-04	-0.39	-1.04e-03	0.0	152.0	-45.25	-0.04	0.13	0.0	-0.19	5.23e-04
5	192	-0.04	0.03	-1.23e-03	0.0	0.0	-45.33	0.86	-4.50e-03	1.40e-06	0.03	-1.35
		-1.35	0.02	7.88e-05	0.0	152.0	-45.01	0.86	-4.50e-03	1.40e-06	0.02	-0.04
5	199	1.35	-0.02	1.23e-03	0.0	0.0	-13.21	-0.86	0.01	-1.43e-06	-0.03	1.35
		0.04	-0.03	-8.95e-05	0.0	152.0	-12.88	-0.86	0.01	-1.43e-06	-0.02	0.04
5	206	0.0	3.24e-03	0.0	0.0	0.0	-38.39	9.54e-05	5.50e-03	0.0	-5.11e-03	-1.45e-04
		-1.45e-04	-5.11e-03	-7.46e-06	0.0	152.0	-38.07	9.54e-05	5.50e-03	0.0	3.24e-03	0.0
5	211	-1.05e-04	0.08	-1.05e-05	0.0	0.0	-13.44	7.62e-03	-0.02	0.0	0.08	-0.01
		-0.01	0.04	2.03e-04	0.0	152.0	-13.12	7.62e-03	-0.02	0.0	0.04	-1.05e-04

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
5	218	0.01	-0.04	1.03e-05	0.0	0.0	-35.88	-7.50e-03	0.03	0.0	-0.08	0.01
		1.04e-04	-0.08	-2.13e-04	0.0	152.0	-35.56	-7.50e-03	0.03	0.0	-0.04	1.04e-04
5	222	-8.91e-03	6.26e-03	-2.46e-04	0.0	0.0	-35.84	0.17	2.93e-03	0.0	1.81e-03	-0.27
		-0.27	1.81e-03	1.06e-05	0.0	152.0	-35.51	0.17	2.93e-03	0.0	6.26e-03	-8.91e-03
5	223	0.27	-2.18e-03	2.45e-04	0.0	0.0	-13.39	-0.17	4.02e-03	0.0	-8.29e-03	0.27
		8.91e-03	-8.29e-03	-2.00e-05	0.0	152.0	-13.07	-0.17	4.02e-03	0.0	-2.18e-03	8.91e-03
5	227	0.0	1.11e-03	0.0	0.0	0.0	-13.44	3.70e-05	1.93e-03	0.0	-1.82e-03	-5.64e-05
		-5.64e-05	-1.82e-03	-2.69e-06	0.0	152.0	-13.12	3.70e-05	1.93e-03	0.0	1.11e-03	0.0
5	230	0.0	3.03e-03	0.0	0.0	0.0	-35.88	8.86e-05	5.13e-03	0.0	-4.77e-03	-1.35e-04
		-1.35e-04	-4.77e-03	-6.96e-06	0.0	152.0	-35.56	8.86e-05	5.13e-03	0.0	3.03e-03	0.0
6	24	2.53	3.26	9.61e-04	0.0	0.0	-34.10	-0.83	-2.21	-6.99e-06	3.26	2.53
		1.26	-0.09	1.03e-03	0.0	152.0	-33.25	-0.83	-2.21	-6.99e-06	-0.09	1.26
6	49	-1.26	-0.92	-1.64e-03	0.0	0.0	-5.85	0.83	0.20	-2.74e-05	-1.23	-2.52
		-2.52	-1.23	1.25e-04	0.0	152.0	-5.28	0.83	0.20	-2.74e-05	-0.92	-1.26
6	56	0.82	4.37	-8.71e-04	0.0	0.0	-36.66	-0.27	-4.13	-2.16e-05	4.37	0.82
		0.40	-0.95	2.33e-03	1.26	152.0	-35.81	-0.27	-2.87	-2.16e-05	-0.95	0.40
6	68	1.36	5.92	-9.92e-04	0.0	0.0	-34.78	-0.45	-5.54	-1.28e-05	5.92	1.36
		0.67	-0.90	3.11e-03	2.10	152.0	-33.93	-0.45	-3.44	-1.28e-05	-0.90	0.67
6	89	-0.67	0.49	5.41e-04	0.0	0.0	-5.53	0.45	5.79	-2.11e-05	-5.11	-1.36
		-1.36	-5.11	-2.34e-03	-4.20	152.0	-4.95	0.45	1.59	-2.11e-05	0.49	-0.67
6	105	8.04	6.94	4.04e-03	0.0	0.0	-19.23	-2.68	-3.26	-5.09e-04	6.94	8.04
		3.98	1.99	1.55e-03	0.0	152.0	-18.60	-2.68	-3.26	-5.09e-04	1.99	3.98
6	108	-3.98	-2.91	-4.66e-03	0.0	0.0	-18.18	2.67	1.44	4.78e-04	-5.11	-8.03
		-8.03	-5.11	-5.03e-04	0.0	152.0	-17.56	2.67	1.44	4.78e-04	-2.91	-3.98
6	121	3.95	6.13	6.87e-04	0.0	0.0	-19.83	-1.31	-3.44	-1.17e-03	6.13	3.95
		1.98	0.89	2.79e-03	0.0	152.0	-19.21	-1.31	-3.44	-1.17e-03	0.89	1.98
6	124	-1.98	-1.82	-1.30e-03	0.0	0.0	-17.57	1.30	1.62	1.14e-03	-4.29	-3.94
		-3.94	-4.29	-1.74e-03	0.0	152.0	-16.95	1.30	1.62	1.14e-03	-1.82	-1.98
6	137	4.29	4.13	2.01e-03	0.0	0.0	-18.98	-1.43	-2.16	-2.80e-04	4.13	4.29
		2.12	0.84	1.07e-03	0.0	152.0	-18.36	-1.43	-2.16	-2.80e-04	0.84	2.12
6	140	-2.12	-1.77	-2.63e-03	0.0	0.0	-18.42	1.42	0.35	2.49e-04	-2.29	-4.28
		-4.28	-2.29	3.15e-05	0.0	152.0	-17.80	1.42	0.35	2.49e-04	-1.77	-2.12
6	153	2.11	3.70	2.21e-04	0.0	0.0	-19.30	-0.70	-2.26	-6.35e-04	3.70	2.11
		1.05	0.26	1.73e-03	0.0	152.0	-18.68	-0.70	-2.26	-6.35e-04	0.26	1.05
6	156	-1.06	-1.18	-8.39e-04	0.0	0.0	-18.10	0.69	0.44	6.04e-04	-1.86	-2.10
		-2.10	-1.86	-6.84e-04	0.0	152.0	-17.48	0.69	0.44	6.04e-04	-1.18	-1.06
6	170	1.68	2.22	6.25e-04	0.0	0.0	-23.47	-0.56	-1.52	-5.51e-06	2.22	1.68
		0.84	-0.09	7.14e-04	0.0	152.0	-22.85	-0.56	-1.52	-5.51e-06	-0.09	0.84
6	179	-0.84	-0.67	-1.13e-03	0.0	0.0	-5.95	0.55	0.02	-2.04e-05	-0.71	-1.68
		-1.68	-0.71	1.49e-04	0.0	152.0	-5.33	0.55	0.02	-2.04e-05	-0.67	-0.84
6	186	0.54	2.96	-5.96e-04	0.0	0.0	-25.18	-0.18	-2.80	-1.52e-05	2.96	0.54
		0.27	-0.66	1.58e-03	0.84	152.0	-24.56	-0.18	-1.96	-1.52e-05	-0.66	0.27
6	192	0.91	3.99	-6.77e-04	0.0	0.0	-23.93	-0.30	-3.74	-9.41e-06	3.99	0.91
		0.45	-0.63	2.10e-03	1.40	152.0	-23.31	-0.30	-2.34	-9.41e-06	-0.63	0.45
6	199	-0.45	0.27	3.22e-04	0.0	0.0	-5.73	0.30	3.75	-1.62e-05	-3.30	-0.90
		-0.90	-3.30	-1.50e-03	-2.80	152.0	-5.11	0.30	0.95	-1.62e-05	0.27	-0.45
6	210	1.82e-03	0.98	-3.29e-04	0.0	0.0	-20.11	-2.50e-03	-0.97	-1.63e-05	0.98	1.82e-03
		-1.98e-03	-0.49	5.59e-04	0.0	152.0	-19.49	-2.50e-03	-0.97	-1.63e-05	-0.49	-1.98e-03
6	214	0.34	1.13	-1.07e-04	0.0	0.0	-18.71	-0.11	-0.98	-1.26e-05	1.13	0.34
		0.17	-0.36	5.34e-04	0.0	152.0	-18.09	-0.11	-0.98	-1.26e-05	-0.36	0.17
6	215	-0.17	0.13	-3.19e-04	0.0	0.0	-5.97	0.11	-0.27	-9.13e-06	0.13	-0.34
		-0.34	-0.27	1.87e-04	0.0	152.0	-5.35	0.11	-0.27	-9.13e-06	-0.27	-0.17
6	218	-0.17	0.71	-5.13e-04	0.0	0.0	-18.70	0.11	-0.84	-1.82e-05	0.71	-0.33
		-0.33	-0.56	5.15e-04	0.0	152.0	-18.08	0.11	-0.84	-1.82e-05	-0.56	-0.17
6	222	0.18	1.48	-3.66e-04	0.0	0.0	-18.80	-0.06	-1.42	-1.34e-05	1.48	0.18
		0.09	-0.47	8.11e-04	0.28	152.0	-18.18	-0.06	-1.14	-1.34e-05	-0.47	0.09
6	223	-0.09	-0.07	-2.79e-05	0.0	0.0	-5.92	0.06	0.48	-8.30e-06	-0.38	-0.18
		-0.18	-0.38	-1.43e-04	-0.56	152.0	-5.30	0.06	-0.08	-8.30e-06	-0.08	-0.09
6	227	7.83e-04	0.34	-1.15e-04	0.0	0.0	-5.97	-9.23e-04	-0.34	-6.33e-06	0.34	7.83e-04
		-6.21e-04	-0.17	1.96e-04	0.0	152.0	-5.35	-9.23e-04	-0.34	-6.33e-06	-0.17	-6.21e-04
6	230	1.72e-03	0.92	-3.09e-04	0.0	0.0	-18.70	-2.35e-03	-0.91	-1.54e-05	0.92	1.72e-03
		-1.85e-03	-0.46	5.24e-04	0.0	152.0	-18.08	-2.35e-03	-0.91	-1.54e-05	-0.46	-1.85e-03
7	24	0.14	-1.21	-8.91e-04	0.0	0.0	-34.15	2.08	0.80	-2.31e-05	-2.43	-3.03
		-3.03	-2.43	-9.83e-04	0.0	152.0	-33.30	2.08	0.80	-2.31e-05	-1.21	0.14
7	49	0.99	2.43	-2.71e-04	0.0	0.0	-5.95	-0.07	-0.80	1.87e-05	2.43	0.99
		0.88	1.21	1.67e-03	0.0	152.0	-5.37	-0.07	-0.80	1.87e-05	1.21	0.88
7	69	4.88	0.94	2.35e-03	4.22	0.0	-5.55	-5.73	-0.31	0.0	0.94	4.88
		-0.62	0.47	-8.02e-04	0.0	152.0	-4.97	-1.51	-0.31	0.0	0.47	-0.62

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
7	76	1.03	-0.28	-2.34e-03	-1.26	0.0	-36.79	4.10	0.19	-4.99e-06	-0.57	-4.24
		-4.24	-0.57	1.03e-03	0.0	152.0	-35.94	2.83	0.19	-4.99e-06	-0.28	1.03
7	88	1.03	-0.46	-3.12e-03	-2.11	0.0	-34.90	5.48	0.32	-5.30e-06	-0.94	-5.69
		-5.69	-0.94	1.26e-03	0.0	152.0	-34.05	3.37	0.32	-5.30e-06	-0.46	1.03
7	98	-1.78	-3.75	-7.50e-04	0.0	0.0	-18.88	2.57	2.52	5.02e-04	-7.58	-5.69
		-5.69	-7.58	-4.18e-03	0.0	152.0	-18.26	2.57	2.52	5.02e-04	-3.75	-1.78
7	99	3.85	7.58	-3.03e-04	0.0	0.0	-18.66	-0.75	-2.52	-5.06e-04	7.58	3.85
		2.71	3.75	4.81e-03	0.0	152.0	-18.04	-0.75	-2.52	-5.06e-04	3.75	2.71
7	121	1.27	-0.18	1.39e-03	0.0	0.0	-17.83	-0.49	0.15	-1.21e-03	-0.43	1.27
		0.51	-0.43	-1.30e-03	0.0	152.0	-17.20	-0.49	0.15	-1.21e-03	-0.18	0.51
7	124	0.42	0.43	-2.44e-03	0.0	0.0	-19.71	2.31	-0.15	1.20e-03	0.43	-3.11
		-3.11	0.19	1.92e-03	0.0	152.0	-19.09	2.31	-0.15	1.20e-03	0.19	0.42
7	130	-0.73	-2.00	-6.46e-04	0.0	0.0	-18.83	1.80	1.35	2.68e-04	-4.04	-3.46
		-3.46	-4.04	-2.09e-03	0.0	152.0	-18.21	1.80	1.35	2.68e-04	-2.00	-0.73
7	131	1.66	4.04	-4.07e-04	0.0	0.0	-18.71	0.03	-1.34	-2.73e-04	4.04	1.62
		1.62	2.00	2.71e-03	0.0	152.0	-18.09	0.03	-1.34	-2.73e-04	2.00	1.66
7	153	0.49	-0.10	4.95e-04	0.0	0.0	-18.27	0.16	0.08	-6.50e-04	-0.23	0.25
		0.25	-0.23	-5.51e-04	0.0	152.0	-17.64	0.16	0.08	-6.50e-04	-0.10	0.49
7	156	0.44	0.23	-1.55e-03	0.0	0.0	-19.27	1.66	-0.08	6.45e-04	0.23	-2.09
		-2.09	0.10	1.17e-03	0.0	152.0	-18.65	1.66	-0.08	6.45e-04	0.10	0.44
7	170	0.12	-0.81	-6.20e-04	0.0	0.0	-23.51	1.43	0.53	-1.55e-05	-1.62	-2.06
		-2.06	-1.62	-6.40e-04	0.0	152.0	-22.89	1.43	0.53	-1.55e-05	-0.81	0.12
7	179	0.65	1.62	-2.46e-04	0.0	0.0	-6.02	0.06	-0.53	1.23e-05	1.62	0.55
		0.55	0.81	1.15e-03	0.0	152.0	-5.39	0.06	-0.53	1.23e-05	0.81	0.65
7	189	3.14	0.63	1.50e-03	2.81	0.0	-5.75	-3.70	-0.21	0.0	0.63	3.14
		-0.35	0.31	-4.96e-04	0.0	152.0	-5.13	-0.89	-0.21	0.0	0.31	-0.35
7	196	0.71	-0.18	-1.59e-03	-0.84	0.0	-25.27	2.78	0.13	-3.40e-06	-0.38	-2.87
		-2.87	-0.38	7.03e-04	0.0	152.0	-24.65	1.94	0.13	-3.40e-06	-0.18	0.71
7	202	0.71	-0.31	-2.11e-03	-1.41	0.0	-24.01	3.70	0.21	-3.60e-06	-0.63	-3.84
		-3.84	-0.63	8.53e-04	0.0	152.0	-23.39	2.29	0.21	-3.60e-06	-0.31	0.71
7	210	0.49	2.66e-03	-5.61e-04	0.0	0.0	-20.19	0.97	2.18e-03	-2.26e-06	-6.66e-04	-0.98
		-0.98	-6.66e-04	3.31e-04	0.0	152.0	-19.56	0.97	2.18e-03	-2.26e-06	2.66e-03	0.49
7	214	0.37	-0.16	-5.17e-04	0.0	0.0	-18.76	0.97	0.11	-4.65e-06	-0.32	-1.10
		-1.10	-0.32	1.05e-04	0.0	152.0	-18.14	0.97	0.11	-4.65e-06	-0.16	0.37
7	215	0.27	0.32	-2.07e-04	0.0	0.0	-6.00	0.28	-0.11	2.05e-06	0.32	-0.17
		-0.17	0.16	3.23e-04	0.0	152.0	-5.37	0.28	-0.11	2.05e-06	0.16	0.27
7	218	0.56	0.32	-5.36e-04	0.0	0.0	-18.77	0.86	-0.10	0.0	0.32	-0.74
		-0.74	0.16	5.18e-04	0.0	152.0	-18.15	0.86	-0.10	0.0	0.16	0.56
7	219	0.35	0.13	1.43e-04	0.56	0.0	-5.94	-0.47	-0.04	0.0	0.13	0.35
		0.06	0.06	-1.07e-05	0.0	152.0	-5.32	0.09	-0.04	0.0	0.06	0.07
7	226	0.49	-0.06	-8.14e-04	-0.28	0.0	-18.86	1.42	0.04	-2.27e-06	-0.13	-1.46
		-1.46	-0.13	4.03e-04	0.0	152.0	-18.24	1.14	0.04	-2.27e-06	-0.06	0.49
7	227	0.17	8.07e-04	-1.97e-04	0.0	0.0	-5.99	0.34	8.47e-04	0.0	-4.81e-04	-0.34
		-0.34	-4.81e-04	1.16e-04	0.0	152.0	-5.37	0.34	8.47e-04	0.0	8.07e-04	0.17
7	230	0.46	2.48e-03	-5.26e-04	0.0	0.0	-18.77	0.91	2.06e-03	-2.08e-06	-6.58e-04	-0.92
		-0.92	-6.58e-04	3.11e-04	0.0	152.0	-18.15	0.91	2.06e-03	-2.08e-06	2.48e-03	0.46
8	4	0.0	0.0	0.0	0.0	0.0	-71.54	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-71.12	0.0	0.0	0.0	0.0	0.0
8	25	-6.23e-04	0.58	-8.14e-05	0.0	0.0	-13.48	0.06	-0.19	0.0	0.58	-0.09
		-0.09	0.29	1.54e-03	0.0	152.0	-13.16	0.06	-0.19	0.0	0.29	-6.23e-04
8	48	0.09	-0.29	8.14e-05	0.0	0.0	-65.88	-0.06	0.19	0.0	-0.58	0.09
		6.23e-04	-0.58	-1.54e-03	0.0	152.0	-65.46	-0.06	0.19	0.0	-0.29	6.23e-04
8	69	-0.06	0.06	-1.85e-03	0.0	0.0	-13.13	1.30	-0.02	0.0	0.06	-2.04
		-2.04	0.02	1.42e-04	0.0	152.0	-12.80	1.30	-0.02	0.0	0.02	-0.06
8	88	2.04	-0.02	1.85e-03	0.0	0.0	-65.52	-1.30	0.02	0.0	-0.06	2.04
		0.06	-0.06	-1.42e-04	0.0	152.0	-65.11	-1.30	0.02	0.0	-0.02	0.06
8	97	-1.44e-03	1.71	-9.50e-04	0.0	0.0	-36.00	0.70	-0.58	-2.90e-05	1.71	-1.06
		-1.06	0.84	4.55e-03	0.0	152.0	-35.67	0.70	-0.58	-2.90e-05	0.84	-1.44e-03
8	100	1.06	-0.84	9.50e-04	0.0	0.0	-36.00	-0.70	0.58	2.90e-05	-1.71	1.06
		1.44e-03	-1.71	-4.55e-03	0.0	152.0	-35.68	-0.70	0.58	2.90e-05	-0.84	1.44e-03
8	109	1.40e-03	0.59	-2.11e-03	0.0	0.0	-35.99	1.55	-0.20	4.05e-04	0.59	-2.36
		-2.36	0.29	1.57e-03	0.0	152.0	-35.67	1.55	-0.20	4.05e-04	0.29	1.40e-03
8	112	2.36	-0.29	2.11e-03	0.0	0.0	-36.00	-1.55	0.20	-4.05e-04	-0.59	2.36
		-1.40e-03	-0.59	-1.57e-03	0.0	152.0	-35.68	-1.55	0.20	-4.05e-04	-0.29	-1.40e-03
8	113	1.40e-03	0.59	-2.11e-03	0.0	0.0	-35.99	1.55	-0.20	3.54e-04	0.59	-2.36
		-2.36	0.29	1.57e-03	0.0	152.0	-35.67	1.55	-0.20	3.54e-04	0.29	1.40e-03
8	116	2.36	-0.29	2.11e-03	0.0	0.0	-36.00	-1.55	0.20	-3.54e-04	-0.59	2.36
		-1.40e-03	-0.59	-1.57e-03	0.0	152.0	-35.68	-1.55	0.20	-3.54e-04	-0.29	-1.40e-03

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
8	129	-7.42e-04	0.91	-5.07e-04	0.0	0.0	-36.00	0.37	-0.31	-1.60e-05	0.91	-0.57
		-0.57	0.45	2.43e-03	0.0	152.0	-35.67	0.37	-0.31	-1.60e-05	0.45	-7.42e-04
8	132	0.57	-0.45	5.07e-04	0.0	0.0	-36.00	-0.37	0.31	1.59e-05	-0.91	0.57
		7.42e-04	-0.91	-2.43e-03	0.0	152.0	-35.67	-0.37	0.31	1.59e-05	-0.45	7.42e-04
8	141	8.26e-04	0.31	-1.13e-03	0.0	0.0	-36.00	0.83	-0.11	2.18e-04	0.31	-1.26
		-1.26	0.15	8.35e-04	0.0	152.0	-35.67	0.83	-0.11	2.18e-04	0.15	8.26e-04
8	144	1.26	-0.15	1.13e-03	0.0	0.0	-36.00	-0.83	0.11	-2.18e-04	-0.31	1.26
		-8.26e-04	-0.31	-8.35e-04	0.0	152.0	-35.68	-0.83	0.11	-2.18e-04	-0.15	-8.26e-04
8	145	8.26e-04	0.31	-1.13e-03	0.0	0.0	-36.00	0.83	-0.11	1.91e-04	0.31	-1.26
		-1.26	0.15	8.35e-04	0.0	152.0	-35.67	0.83	-0.11	1.91e-04	0.15	8.26e-04
8	148	1.26	-0.15	1.13e-03	0.0	0.0	-36.00	-0.83	0.11	-1.91e-04	-0.31	1.26
		-8.26e-04	-0.31	-8.35e-04	0.0	152.0	-35.68	-0.83	0.11	-1.91e-04	-0.15	-8.26e-04
8	160	0.0	0.0	0.0	0.0	0.0	-49.49	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-49.17	0.0	0.0	0.0	0.0	0.0
8	167	-4.15e-04	0.39	-5.42e-05	0.0	0.0	-13.48	0.04	-0.13	0.0	0.39	-0.06
		-0.06	0.19	1.03e-03	0.0	152.0	-13.16	0.04	-0.13	0.0	0.19	-4.15e-04
8	182	0.06	-0.19	5.42e-05	0.0	0.0	-45.72	-0.04	0.13	0.0	-0.39	0.06
		4.15e-04	-0.39	-1.03e-03	0.0	152.0	-45.39	-0.04	0.13	0.0	-0.19	4.15e-04
8	189	-0.04	0.04	-1.23e-03	0.0	0.0	-13.24	0.87	-0.02	0.0	0.04	-1.36
		-1.36	0.01	9.47e-05	0.0	152.0	-12.92	0.87	-0.02	0.0	0.01	-0.04
8	202	1.36	-0.01	1.23e-03	0.0	0.0	-45.48	-0.87	0.02	0.0	-0.04	1.36
		0.04	-0.04	-9.47e-05	0.0	152.0	-45.16	-0.87	0.02	0.0	-0.01	0.04
8	206	0.0	0.0	0.0	0.0	0.0	-38.51	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-38.19	0.0	0.0	0.0	0.0	0.0
8	211	-8.30e-05	0.08	-1.08e-05	0.0	0.0	-13.48	7.90e-03	-0.03	0.0	0.08	-0.01
		-0.01	0.04	2.06e-04	0.0	152.0	-13.16	7.90e-03	-0.03	0.0	0.04	-8.30e-05
8	218	0.01	-0.04	1.08e-05	0.0	0.0	-36.00	-7.90e-03	0.03	0.0	-0.08	0.01
		8.30e-05	-0.08	-2.06e-04	0.0	152.0	-35.67	-7.90e-03	0.03	0.0	-0.04	8.30e-05
8	219	-8.46e-03	7.47e-03	-2.47e-04	0.0	0.0	-13.43	0.17	-3.07e-03	0.0	7.47e-03	-0.27
		-0.27	2.80e-03	1.89e-05	0.0	152.0	-13.11	0.17	-3.07e-03	0.0	2.80e-03	-8.46e-03
8	226	0.27	-2.80e-03	2.47e-04	0.0	0.0	-35.95	-0.17	3.07e-03	0.0	-7.47e-03	0.27
		8.46e-03	-7.47e-03	-1.89e-05	0.0	152.0	-35.63	-0.17	3.07e-03	0.0	-2.80e-03	8.46e-03
8	227	0.0	0.0	0.0	0.0	0.0	-13.48	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-13.16	0.0	0.0	0.0	0.0	0.0
8	230	0.0	0.0	0.0	0.0	0.0	-36.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-35.67	0.0	0.0	0.0	0.0	0.0
9	25	0.99	2.43	-2.71e-04	0.0	0.0	-5.95	-0.07	-0.80	1.87e-05	2.43	0.99
		0.88	1.21	1.67e-03	0.0	152.0	-5.37	-0.07	-0.80	1.87e-05	1.21	0.88
9	48	0.14	-1.21	-8.91e-04	0.0	0.0	-34.15	2.08	0.80	-2.31e-05	-2.43	-3.03
		-3.03	-2.43	-9.83e-04	0.0	152.0	-33.30	2.08	0.80	-2.31e-05	-1.21	0.14
9	56	1.03	-0.28	-2.34e-03	-1.26	0.0	-36.79	4.10	0.19	-4.99e-06	-0.57	-4.24
		-4.24	-0.57	1.03e-03	0.0	152.0	-35.94	2.83	0.19	-4.99e-06	-0.28	1.03
9	68	1.03	-0.46	-3.12e-03	-2.11	0.0	-34.90	5.48	0.32	-5.30e-06	-0.94	-5.69
		-5.69	-0.94	1.26e-03	0.0	152.0	-34.05	3.37	0.32	-5.30e-06	-0.46	1.03
9	89	4.88	0.94	2.35e-03	4.22	0.0	-5.55	-5.73	-0.31	0.0	0.94	4.88
		-0.62	0.47	-8.02e-04	0.0	152.0	-4.97	-1.51	-0.31	0.0	0.47	-0.62
9	102	3.85	7.58	-3.03e-04	0.0	0.0	-18.66	-0.75	-2.52	-5.06e-04	7.58	3.85
		2.71	3.75	4.81e-03	0.0	152.0	-18.04	-0.75	-2.52	-5.06e-04	3.75	2.71
9	103	-1.78	-3.75	-7.50e-04	0.0	0.0	-18.88	2.57	2.52	5.02e-04	-7.58	-5.69
		-5.69	-7.58	-4.18e-03	0.0	152.0	-18.26	2.57	2.52	5.02e-04	-3.75	-1.78
9	109	0.42	0.43	-2.44e-03	0.0	0.0	-19.71	2.31	-0.15	1.20e-03	0.43	-3.11
		-3.11	0.19	1.92e-03	0.0	152.0	-19.09	2.31	-0.15	1.20e-03	0.19	0.42
9	112	1.27	-0.18	1.39e-03	0.0	0.0	-17.83	-0.49	0.15	-1.21e-03	-0.43	1.27
		0.51	-0.43	-1.30e-03	0.0	152.0	-17.20	-0.49	0.15	-1.21e-03	-0.18	0.51
9	134	1.66	4.04	-4.07e-04	0.0	0.0	-18.71	0.03	-1.34	-2.73e-04	4.04	1.62
		1.62	2.00	2.71e-03	0.0	152.0	-18.09	0.03	-1.34	-2.73e-04	2.00	1.66
9	135	-0.73	-2.00	-6.46e-04	0.0	0.0	-18.83	1.80	1.35	2.68e-04	-4.04	-3.46
		-3.46	-4.04	-2.09e-03	0.0	152.0	-18.21	1.80	1.35	2.68e-04	-2.00	-0.73
9	141	0.44	0.23	-1.55e-03	0.0	0.0	-19.27	1.66	-0.08	6.45e-04	0.23	-2.09
		-2.09	0.10	1.17e-03	0.0	152.0	-18.65	1.66	-0.08	6.45e-04	0.10	0.44
9	144	0.49	-0.10	4.95e-04	0.0	0.0	-18.27	0.16	0.08	-6.50e-04	-0.23	0.25
		0.25	-0.23	-5.51e-04	0.0	152.0	-17.64	0.16	0.08	-6.50e-04	-0.10	0.49
9	167	0.65	1.62	-2.46e-04	0.0	0.0	-6.02	0.06	-0.53	1.23e-05	1.62	0.55
		0.55	0.81	1.15e-03	0.0	152.0	-5.39	0.06	-0.53	1.23e-05	0.81	0.65
9	182	0.12	-0.81	-6.20e-04	0.0	0.0	-23.51	1.43	0.53	-1.55e-05	-1.62	-2.06
		-2.06	-1.62	-6.40e-04	0.0	152.0	-22.89	1.43	0.53	-1.55e-05	-0.81	0.12
9	186	0.71	-0.18	-1.59e-03	-0.84	0.0	-25.27	2.78	0.13	-3.40e-06	-0.38	-2.87
		-2.87	-0.38	7.03e-04	0.0	152.0	-24.65	1.94	0.13	-3.40e-06	-0.18	0.71

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
9	192	0.71	-0.31	-2.11e-03	-1.41	0.0	-24.01	3.70	0.21	-3.61e-06	-0.63	-3.84
		-3.84	-0.63	8.53e-04	0.0	152.0	-23.39	2.29	0.21	-3.61e-06	-0.31	0.71
9	199	3.14	0.63	1.50e-03	2.81	0.0	-5.75	-3.70	-0.21	0.0	0.63	3.14
		-0.35	0.31	-4.96e-04	0.0	152.0	-5.13	-0.89	-0.21	0.0	0.31	-0.35
9	210	0.49	2.66e-03	-5.61e-04	0.0	0.0	-20.19	0.97	2.18e-03	-2.26e-06	-6.66e-04	-0.98
		-0.98	-6.66e-04	3.31e-04	0.0	152.0	-19.56	0.97	2.18e-03	-2.26e-06	2.66e-03	0.49
9	211	0.27	0.32	-2.07e-04	0.0	0.0	-6.00	0.28	-0.11	2.05e-06	0.32	-0.17
		-0.17	0.16	3.23e-04	0.0	152.0	-5.37	0.28	-0.11	2.05e-06	0.16	0.27
9	214	0.56	0.32	-5.36e-04	0.0	0.0	-18.77	0.86	-0.10	0.0	0.32	-0.74
		-0.74	0.16	5.18e-04	0.0	152.0	-18.15	0.86	-0.10	0.0	0.16	0.56
9	218	0.37	-0.16	-5.17e-04	0.0	0.0	-18.76	0.97	0.11	-4.65e-06	-0.32	-1.10
		-1.10	-0.32	1.05e-04	0.0	152.0	-18.14	0.97	0.11	-4.65e-06	-0.16	0.37
9	222	0.49	-0.06	-8.14e-04	-0.28	0.0	-18.86	1.42	0.04	-2.27e-06	-0.13	-1.46
		-1.46	-0.13	4.03e-04	0.0	152.0	-18.24	1.14	0.04	-2.27e-06	-0.06	0.49
9	223	0.35	0.13	1.43e-04	0.56	0.0	-5.94	-0.47	-0.04	0.0	0.13	0.35
		0.06	0.06	-1.07e-05	0.0	152.0	-5.32	0.09	-0.04	0.0	0.06	0.07
9	227	0.17	8.07e-04	-1.97e-04	0.0	0.0	-5.99	0.34	8.47e-04	0.0	-4.81e-04	-0.34
		-0.34	-4.81e-04	1.16e-04	0.0	152.0	-5.37	0.34	8.47e-04	0.0	8.07e-04	0.17
9	230	0.46	2.48e-03	-5.26e-04	0.0	0.0	-18.77	0.91	2.06e-03	-2.08e-06	-6.58e-04	-0.92
		-0.92	-6.58e-04	3.11e-04	0.0	152.0	-18.15	0.91	2.06e-03	-2.08e-06	2.48e-03	0.46
10	25	-1.26	-0.92	-1.64e-03	0.0	0.0	-5.85	0.83	0.20	-2.74e-05	-1.23	-2.52
		-2.52	-1.23	1.25e-04	0.0	152.0	-5.28	0.83	0.20	-2.74e-05	-0.92	-1.26
10	48	2.53	3.26	9.61e-04	0.0	0.0	-34.10	-0.83	-2.21	-6.99e-06	3.26	2.53
		1.26	-0.09	1.03e-03	0.0	152.0	-33.25	-0.83	-2.21	-6.99e-06	-0.09	1.26
10	69	-0.67	0.49	5.41e-04	0.0	0.0	-5.53	0.45	5.79	-2.11e-05	-5.11	-1.36
		-1.36	-5.11	-2.34e-03	-4.20	152.0	-4.95	0.45	1.59	-2.11e-05	0.49	-0.67
10	76	0.82	4.37	-8.71e-04	0.0	0.0	-36.66	-0.27	-4.13	-2.16e-05	4.37	0.82
		0.40	-0.95	2.33e-03	1.26	152.0	-35.81	-0.27	-2.87	-2.16e-05	-0.95	0.40
10	88	1.36	5.92	-9.92e-04	0.0	0.0	-34.78	-0.45	-5.54	-1.28e-05	5.92	1.36
		0.67	-0.90	3.11e-03	2.10	152.0	-33.93	-0.45	-3.44	-1.28e-05	-0.90	0.67
10	93	-3.98	-2.91	-4.66e-03	0.0	0.0	-18.18	2.67	1.44	4.78e-04	-5.11	-8.03
		-8.03	-5.11	-5.03e-04	0.0	152.0	-17.56	2.67	1.44	4.78e-04	-2.91	-3.98
10	96	8.04	6.94	4.04e-03	0.0	0.0	-19.23	-2.68	-3.26	-5.09e-04	6.94	8.04
		3.98	1.99	1.55e-03	0.0	152.0	-18.60	-2.68	-3.26	-5.09e-04	1.99	3.98
10	109	-1.98	-1.82	-1.30e-03	0.0	0.0	-17.57	1.30	1.62	1.14e-03	-4.29	-3.94
		-3.94	-4.29	-1.74e-03	0.0	152.0	-16.95	1.30	1.62	1.14e-03	-1.82	-1.98
10	112	3.95	6.13	6.87e-04	0.0	0.0	-19.83	-1.31	-3.44	-1.17e-03	6.13	3.95
		1.98	0.89	2.79e-03	0.0	152.0	-19.21	-1.31	-3.44	-1.17e-03	0.89	1.98
10	125	-2.12	-1.77	-2.63e-03	0.0	0.0	-18.42	1.42	0.35	2.49e-04	-2.29	-4.28
		-4.28	-2.29	3.15e-05	0.0	152.0	-17.80	1.42	0.35	2.49e-04	-1.77	-2.12
10	128	4.29	4.13	2.01e-03	0.0	0.0	-18.98	-1.43	-2.16	-2.80e-04	4.13	4.29
		2.12	0.84	1.07e-03	0.0	152.0	-18.36	-1.43	-2.16	-2.80e-04	0.84	2.12
10	141	-1.06	-1.18	-8.39e-04	0.0	0.0	-18.10	0.69	0.44	6.04e-04	-1.86	-2.10
		-2.10	-1.86	-6.84e-04	0.0	152.0	-17.48	0.69	0.44	6.04e-04	-1.18	-1.06
10	144	2.11	3.70	2.21e-04	0.0	0.0	-19.30	-0.70	-2.26	-6.35e-04	3.70	2.11
		1.05	0.26	1.73e-03	0.0	152.0	-18.68	-0.70	-2.26	-6.35e-04	0.26	1.05
10	167	-0.84	-0.67	-1.13e-03	0.0	0.0	-5.95	0.55	0.02	-2.04e-05	-0.71	-1.68
		-1.68	-0.71	1.49e-04	0.0	152.0	-5.33	0.55	0.02	-2.04e-05	-0.67	-0.84
10	182	1.68	2.22	6.25e-04	0.0	0.0	-23.47	-0.56	-1.52	-5.51e-06	2.22	1.68
		0.84	-0.09	7.14e-04	0.0	152.0	-22.85	-0.56	-1.52	-5.51e-06	-0.09	0.84
10	189	-0.45	0.27	3.22e-04	0.0	0.0	-5.73	0.30	3.75	-1.62e-05	-3.30	-0.90
		-0.90	-3.30	-1.50e-03	-2.80	152.0	-5.11	0.30	0.95	-1.62e-05	0.27	-0.45
10	196	0.54	2.96	-5.96e-04	0.0	0.0	-25.18	-0.18	-2.80	-1.52e-05	2.96	0.54
		0.27	-0.66	1.58e-03	0.84	152.0	-24.56	-0.18	-1.96	-1.52e-05	-0.66	0.27
10	202	0.91	3.99	-6.77e-04	0.0	0.0	-23.93	-0.30	-3.74	-9.41e-06	3.99	0.91
		0.45	-0.63	2.10e-03	1.40	152.0	-23.31	-0.30	-2.34	-9.41e-06	-0.63	0.45
10	210	1.82e-03	0.98	-3.29e-04	0.0	0.0	-20.11	-2.50e-03	-0.97	-1.63e-05	0.98	1.82e-03
		-1.98e-03	-0.49	5.59e-04	0.0	152.0	-19.49	-2.50e-03	-0.97	-1.63e-05	-0.49	-1.98e-03
10	211	-0.17	0.13	-3.19e-04	0.0	0.0	-5.97	0.11	-0.27	-9.13e-06	0.13	-0.34
		-0.34	-0.27	1.87e-04	0.0	152.0	-5.35	0.11	-0.27	-9.13e-06	-0.27	-0.17
10	214	-0.17	0.71	-5.13e-04	0.0	0.0	-18.70	0.11	-0.84	-1.82e-05	0.71	-0.33
		-0.33	-0.56	5.15e-04	0.0	152.0	-18.08	0.11	-0.84	-1.82e-05	-0.56	-0.17
10	218	0.34	1.13	-1.07e-04	0.0	0.0	-18.71	-0.11	-0.98	-1.26e-05	1.13	0.34
		0.17	-0.36	5.34e-04	0.0	152.0	-18.09	-0.11	-0.98	-1.26e-05	-0.36	0.17
10	219	-0.09	-0.07	-2.79e-05	0.0	0.0	-5.92	0.06	0.48	-8.30e-06	-0.38	-0.18
		-0.18	-0.38	-1.43e-04	-0.56	152.0	-5.30	0.06	-0.08	-8.30e-06	-0.08	-0.09
10	226	0.18	1.48	-3.66e-04	0.0	0.0	-18.80	-0.06	-1.42	-1.34e-05	1.48	0.18
		0.09	-0.47	8.11e-04	0.28	152.0	-18.18	-0.06	-1.14	-1.34e-05	-0.47	0.09

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
10	227	7.83e-04	0.34	-1.15e-04	0.0	0.0	-5.97	-9.23e-04	-0.34	-6.33e-06	0.34	7.83e-04
		-6.21e-04	-0.17	1.96e-04	0.0	152.0	-5.35	-9.23e-04	-0.34	-6.33e-06	-0.17	-6.21e-04
10	230	1.73e-03	0.92	-3.09e-04	0.0	0.0	-18.70	-2.35e-03	-0.91	-1.54e-05	0.92	1.73e-03
		-1.85e-03	-0.46	5.24e-04	0.0	152.0	-18.08	-2.35e-03	-0.91	-1.54e-05	-0.46	-1.85e-03
11	24	-7.84e-04	0.59	-7.82e-05	0.0	0.0	-65.66	0.06	-0.20	0.0	0.59	-0.09
		-0.09	0.28	1.55e-03	0.0	152.0	-65.24	0.06	-0.20	0.0	0.28	-7.84e-04
11	36	0.05	-0.18	4.73e-05	0.0	0.0	-71.31	-0.03	0.10	0.0	-0.34	0.05
		4.72e-04	-0.34	-9.12e-04	0.0	152.0	-70.89	-0.03	0.10	0.0	-0.18	4.72e-04
11	49	0.09	-0.29	7.85e-05	0.0	0.0	-13.45	-0.06	0.19	0.0	-0.58	0.09
		7.85e-04	-0.58	-1.54e-03	0.0	152.0	-13.12	-0.06	0.19	0.0	-0.29	7.85e-04
11	69	-0.07	0.05	-1.84e-03	0.0	0.0	-13.09	1.29	-0.02	-2.13e-06	0.05	-2.02
		-2.02	0.02	1.33e-04	0.0	152.0	-12.77	1.29	-0.02	-2.13e-06	0.02	-0.07
11	88	2.02	-0.03	1.84e-03	0.0	0.0	-65.31	-1.29	7.14e-03	2.11e-06	-0.04	2.02
		0.07	-0.04	-1.19e-04	0.0	152.0	-64.89	-1.29	7.14e-03	2.11e-06	-0.03	0.07
11	97	-2.21e-03	1.72	-9.25e-04	0.0	0.0	-35.89	0.68	-0.58	-3.00e-05	1.72	-1.03
		-1.03	0.83	4.56e-03	0.0	152.0	-35.57	0.68	-0.58	-3.00e-05	0.83	-2.21e-03
11	100	1.03	-0.84	9.25e-04	0.0	0.0	-35.88	-0.68	0.57	2.99e-05	-1.71	1.03
		2.21e-03	-1.71	-4.54e-03	0.0	152.0	-35.55	-0.68	0.57	2.99e-05	-0.84	2.21e-03
11	102	0.51	1.67	4.55e-04	0.0	0.0	-35.89	-0.33	-0.56	-1.99e-04	1.67	0.51
		-2.97e-03	0.81	4.42e-03	0.0	152.0	-35.57	-0.33	-0.56	-1.99e-04	0.81	-2.97e-03
11	103	2.97e-03	-0.81	-4.55e-04	0.0	0.0	-35.88	0.33	0.55	1.99e-04	-1.66	-0.51
		-0.51	-1.66	-4.41e-03	0.0	152.0	-35.55	0.33	0.55	1.99e-04	-0.81	2.97e-03
11	109	3.51e-03	0.59	-2.49e-03	0.0	0.0	-35.88	1.83	-0.20	4.04e-04	0.59	-2.78
		-2.78	0.28	1.57e-03	0.0	152.0	-35.56	1.83	-0.20	4.04e-04	0.28	3.51e-03
11	112	2.78	-0.29	2.49e-03	0.0	0.0	-35.88	-1.83	0.19	-4.04e-04	-0.59	2.78
		-3.51e-03	-0.59	-1.56e-03	0.0	152.0	-35.56	-1.83	0.19	-4.04e-04	-0.29	-3.51e-03
11	129	-1.17e-03	0.92	-4.94e-04	0.0	0.0	-35.89	0.36	-0.31	-1.65e-05	0.92	-0.55
		-0.55	0.44	2.43e-03	0.0	152.0	-35.56	0.36	-0.31	-1.65e-05	0.44	-1.17e-03
11	132	0.55	-0.45	4.94e-04	0.0	0.0	-35.88	-0.36	0.30	1.64e-05	-0.91	0.55
		1.17e-03	-0.91	-2.42e-03	0.0	152.0	-35.56	-0.36	0.30	1.64e-05	-0.45	1.17e-03
11	134	0.27	0.89	2.43e-04	0.0	0.0	-35.89	-0.18	-0.30	-1.07e-04	0.89	0.27
		-1.59e-03	0.43	2.36e-03	0.0	152.0	-35.56	-0.18	-0.30	-1.07e-04	0.43	-1.59e-03
11	135	1.59e-03	-0.44	-2.42e-04	0.0	0.0	-35.88	0.18	0.29	1.07e-04	-0.88	-0.27
		-0.27	-0.88	-2.35e-03	0.0	152.0	-35.56	0.18	0.29	1.07e-04	-0.44	1.59e-03
11	141	1.90e-03	0.32	-1.33e-03	0.0	0.0	-35.88	0.97	-0.11	2.17e-04	0.32	-1.48
		-1.48	0.15	8.43e-04	0.0	152.0	-35.56	0.97	-0.11	2.17e-04	0.15	1.90e-03
11	144	1.48	-0.16	1.33e-03	0.0	0.0	-35.88	-0.97	0.10	-2.17e-04	-0.31	1.48
		-1.89e-03	-0.31	-8.29e-04	0.0	152.0	-35.56	-0.97	0.10	-2.17e-04	-0.16	-1.89e-03
11	170	-5.23e-04	0.39	-5.21e-05	0.0	0.0	-45.57	0.04	-0.13	0.0	0.39	-0.06
		-0.06	0.19	1.04e-03	0.0	152.0	-45.25	0.04	-0.13	0.0	0.19	-5.23e-04
11	176	0.04	-0.12	3.15e-05	0.0	0.0	-49.33	-0.02	0.07	0.0	-0.22	0.04
		3.15e-04	-0.22	-6.08e-04	0.0	152.0	-49.01	-0.02	0.07	0.0	-0.12	3.15e-04
11	179	0.06	-0.19	5.23e-05	0.0	0.0	-13.44	-0.04	0.12	0.0	-0.38	0.06
		5.24e-04	-0.38	-1.03e-03	0.0	152.0	-13.12	-0.04	0.12	0.0	-0.19	5.24e-04
11	189	-0.04	0.03	-1.23e-03	0.0	0.0	-13.21	0.86	-0.01	-1.43e-06	0.03	-1.35
		-1.35	0.02	8.95e-05	0.0	152.0	-12.88	0.86	-0.01	-1.43e-06	0.02	-0.04
11	202	1.35	-0.02	1.23e-03	0.0	0.0	-45.33	-0.86	4.50e-03	1.40e-06	-0.03	1.35
		0.04	-0.03	-7.88e-05	0.0	152.0	-45.01	-0.86	4.50e-03	1.40e-06	-0.02	0.04
11	206	1.46e-04	5.11e-03	0.0	0.0	0.0	-38.39	-9.54e-05	-5.50e-03	0.0	5.11e-03	1.46e-04
		0.0	-3.24e-03	7.46e-06	0.0	152.0	-38.07	-9.54e-05	-5.50e-03	0.0	-3.24e-03	0.0
11	214	-1.04e-04	0.08	-1.03e-05	0.0	0.0	-35.88	7.50e-03	-0.03	0.0	0.08	-0.01
		-0.01	0.04	2.13e-04	0.0	152.0	-35.56	7.50e-03	-0.03	0.0	0.04	-1.04e-04
11	215	0.01	-0.04	1.05e-05	0.0	0.0	-13.44	-7.62e-03	0.02	0.0	-0.08	0.01
		1.05e-04	-0.08	-2.03e-04	0.0	152.0	-13.12	-7.62e-03	0.02	0.0	-0.04	1.05e-04
11	219	-8.91e-03	8.29e-03	-2.45e-04	0.0	0.0	-13.39	0.17	-4.02e-03	0.0	8.29e-03	-0.27
		-0.27	2.18e-03	2.00e-05	0.0	152.0	-13.07	0.17	-4.02e-03	0.0	2.18e-03	-8.91e-03
11	226	0.27	-1.81e-03	2.46e-04	0.0	0.0	-35.84	-0.17	-2.93e-03	0.0	-1.81e-03	0.27
		8.91e-03	-6.26e-03	-1.06e-05	0.0	152.0	-35.51	-0.17	-2.93e-03	0.0	-6.26e-03	8.91e-03
11	227	5.64e-05	1.82e-03	0.0	0.0	0.0	-13.44	-3.70e-05	-1.93e-03	0.0	1.82e-03	5.64e-05
		0.0	-1.11e-03	2.69e-06	0.0	152.0	-13.12	-3.70e-05	-1.93e-03	0.0	-1.11e-03	0.0
11	230	1.35e-04	4.77e-03	0.0	0.0	0.0	-35.88	-8.86e-05	-5.13e-03	0.0	4.77e-03	1.35e-04
		0.0	-3.03e-03	6.96e-06	0.0	152.0	-35.56	-8.86e-05	-5.13e-03	0.0	-3.03e-03	0.0
12	25	1.00	2.43	-2.68e-04	0.0	0.0	-5.93	-0.08	-0.80	2.24e-05	2.43	1.00
		0.88	1.21	1.67e-03	0.0	152.0	-5.35	-0.08	-0.80	2.24e-05	1.21	0.88
12	48	0.14	-1.21	-8.88e-04	0.0	0.0	-34.02	2.08	0.80	3.22e-06	-2.43	-3.02
		-3.02	-2.43	-9.86e-04	0.0	152.0	-33.17	2.08	0.80	3.22e-06	-1.21	0.14
12	56	1.03	-0.27	-2.33e-03	-1.26	0.0	-36.66	4.08	0.19	1.38e-05	-0.56	-4.22
		-4.22	-0.56	1.03e-03	0.0	152.0	-35.81	2.82	0.19	1.38e-05	-0.27	1.03

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
12	68	1.03	-0.46	-3.11e-03	-2.10	0.0	-34.78	5.46	0.31	5.87e-06	-0.94	-5.67
		-5.67	-0.94	1.25e-03	0.0	152.0	-33.93	3.36	0.31	5.87e-06	-0.46	1.03
12	89	4.87	0.93	2.34e-03	4.20	0.0	-5.53	-5.71	-0.31	1.94e-05	0.93	4.87
		-0.62	0.46	-8.03e-04	0.0	152.0	-4.95	-1.51	-0.31	1.94e-05	0.46	-0.62
12	102	4.17	7.71	-1.24e-04	0.0	0.0	-18.50	-0.92	-2.56	-4.93e-04	7.71	4.17
		2.76	3.82	4.79e-03	0.0	152.0	-17.88	-0.92	-2.56	-4.93e-04	3.82	2.76
12	103	-1.83	-3.81	-9.32e-04	0.0	0.0	-18.91	2.74	2.57	5.15e-04	-7.71	-6.00
		-6.00	-7.71	-4.17e-03	0.0	152.0	-18.29	2.74	2.57	5.15e-04	-3.81	-1.83
12	109	0.32	0.18	-2.79e-03	0.0	0.0	-19.83	2.64	-0.06	1.20e-03	0.18	-3.70
		-3.70	0.07	1.93e-03	0.0	152.0	-19.21	2.64	-0.06	1.20e-03	0.07	0.32
12	112	1.86	-0.06	1.75e-03	0.0	0.0	-17.57	-0.82	0.07	-1.18e-03	-0.18	1.86
		0.60	-0.18	-1.31e-03	0.0	152.0	-16.95	-0.82	0.07	-1.18e-03	-0.06	0.60
12	134	1.79	4.11	-3.07e-04	0.0	0.0	-18.59	-0.07	-1.37	-2.59e-04	4.11	1.79
		1.69	2.04	2.70e-03	0.0	152.0	-17.97	-0.07	-1.37	-2.59e-04	2.04	1.69
12	135	-0.76	-2.03	-7.42e-04	0.0	0.0	-18.81	1.88	1.37	2.82e-04	-4.11	-3.63
		-3.63	-4.11	-2.08e-03	0.0	152.0	-18.19	1.88	1.37	2.82e-04	-2.03	-0.76
12	141	0.39	0.10	-1.73e-03	0.0	0.0	-19.30	1.83	-0.03	6.52e-04	0.10	-2.40
		-2.40	0.04	1.17e-03	0.0	152.0	-18.68	1.83	-0.03	6.52e-04	0.04	0.39
12	144	0.57	-0.03	6.86e-04	0.0	0.0	-18.10	-0.02	0.04	-6.29e-04	-0.10	0.57
		0.54	-0.10	-5.54e-04	0.0	152.0	-17.48	-0.02	0.04	-6.29e-04	-0.03	0.54
12	167	0.65	1.62	-2.44e-04	0.0	0.0	-6.00	0.06	-0.53	1.67e-05	1.62	0.55
		0.55	0.81	1.15e-03	0.0	152.0	-5.38	0.06	-0.53	1.67e-05	0.81	0.65
12	182	0.11	-0.81	-6.18e-04	0.0	0.0	-23.42	1.43	0.54	2.85e-06	-1.62	-2.06
		-2.06	-1.62	-6.42e-04	0.0	152.0	-22.80	1.43	0.54	2.85e-06	-0.81	0.11
12	186	0.71	-0.18	-1.58e-03	-0.84	0.0	-25.18	2.77	0.13	9.91e-06	-0.37	-2.86
		-2.86	-0.37	7.01e-04	0.0	152.0	-24.56	1.93	0.13	9.91e-06	-0.18	0.71
12	192	0.71	-0.31	-2.10e-03	-1.40	0.0	-23.93	3.68	0.21	4.62e-06	-0.62	-3.83
		-3.83	-0.62	8.52e-04	0.0	152.0	-23.31	2.28	0.21	4.62e-06	-0.31	0.71
12	199	3.13	0.62	1.50e-03	2.80	0.0	-5.73	-3.69	-0.21	1.47e-05	0.62	3.13
		-0.35	0.31	-4.97e-04	0.0	152.0	-5.11	-0.89	-0.21	1.47e-05	0.31	-0.35
12	210	0.49	2.50e-03	-5.58e-04	0.0	0.0	-20.11	0.97	2.15e-03	1.19e-05	-7.62e-04	-0.98
		-0.98	-7.62e-04	3.30e-04	0.0	152.0	-19.49	0.97	2.15e-03	1.19e-05	2.50e-03	0.49
12	211	0.27	0.32	-2.05e-04	0.0	0.0	-5.98	0.28	-0.11	7.58e-06	0.32	-0.16
		-0.16	0.16	3.23e-04	0.0	152.0	-5.36	0.28	-0.11	7.58e-06	0.16	0.27
12	214	0.56	0.32	-5.34e-04	0.0	0.0	-18.71	0.85	-0.10	1.36e-05	0.32	-0.74
		-0.74	0.16	5.16e-04	0.0	152.0	-18.09	0.85	-0.10	1.36e-05	0.16	0.56
12	218	0.37	-0.16	-5.15e-04	0.0	0.0	-18.70	0.96	0.11	9.01e-06	-0.32	-1.10
		-1.10	-0.32	1.04e-04	0.0	152.0	-18.08	0.96	0.11	9.01e-06	-0.16	0.37
12	222	0.49	-0.06	-8.10e-04	-0.28	0.0	-18.80	1.41	0.04	9.36e-06	-0.13	-1.45
		-1.45	-0.13	4.01e-04	0.0	152.0	-18.18	1.13	0.04	9.36e-06	-0.06	0.49
12	223	0.35	0.12	1.43e-04	0.56	0.0	-5.92	-0.47	-0.04	7.18e-06	0.12	0.35
		0.06	0.06	-1.10e-05	0.0	152.0	-5.30	0.09	-0.04	7.18e-06	0.06	0.07
12	227	0.17	7.70e-04	-1.96e-04	0.0	0.0	-5.97	0.34	8.24e-04	5.30e-06	-4.82e-04	-0.34
		-0.34	-4.82e-04	1.16e-04	0.0	152.0	-5.35	0.34	8.24e-04	5.30e-06	7.70e-04	0.17
12	230	0.46	2.34e-03	-5.24e-04	0.0	0.0	-18.70	0.91	2.03e-03	1.13e-05	-7.44e-04	-0.92
		-0.92	-7.44e-04	3.10e-04	0.0	152.0	-18.08	0.91	2.03e-03	1.13e-05	2.34e-03	0.46
13	25	-0.88	-0.83	-1.87e-03	-0.99	0.0	-3.51	2.07	0.38	1.52e-04	-1.41	-3.28
		-3.28	-1.41	1.94e-04	0.0	152.0	-2.94	1.08	0.38	1.52e-04	-0.83	-0.88
13	48	4.04	2.83	1.69e-03	1.97	0.0	-18.32	-3.31	-1.78	2.79e-03	2.83	4.04
		0.50	0.12	4.43e-04	0.0	152.0	-17.48	-1.34	-1.78	2.79e-03	0.12	0.50
13	69	-0.67	-0.11	3.10e-04	0.0	0.0	-2.93	0.44	3.52	-9.34e-04	-3.87	-1.34
		-1.34	-3.87	-1.94e-03	-2.09	152.0	-2.35	0.44	1.43	-9.34e-04	-0.11	-0.67
13	76	0.81	3.26	-5.55e-04	0.0	0.0	-19.72	-0.27	-2.73	3.55e-03	3.26	0.81
		0.40	-0.41	1.79e-03	0.63	152.0	-18.88	-0.27	-2.10	3.55e-03	-0.41	0.40
13	88	1.34	4.54	-6.26e-04	0.0	0.0	-18.95	-0.44	-3.67	4.03e-03	4.54	1.34
		0.67	-0.23	2.47e-03	1.05	152.0	-18.11	-0.44	-2.62	4.03e-03	-0.23	0.67
13	93	-4.04	-2.86	-4.56e-03	0.0	0.0	-9.49	2.71	1.78	2.79e-04	-5.58	-8.15
		-8.15	-5.58	-7.82e-04	0.0	152.0	-8.88	2.71	1.78	2.79e-04	-2.86	-4.04
13	96	8.15	6.79	4.16e-03	0.0	0.0	-10.76	-2.71	-2.98	2.23e-03	6.79	8.15
		4.04	2.25	1.47e-03	0.0	152.0	-10.14	-2.71	-2.98	2.23e-03	2.25	4.04
13	109	-2.11	-1.88	-1.23e-03	0.0	0.0	-8.77	1.38	1.99	-7.90e-04	-4.92	-4.19
		-4.19	-4.92	-2.12e-03	0.0	152.0	-8.15	1.38	1.99	-7.90e-04	-1.88	-2.11
13	112	4.19	6.13	8.20e-04	0.0	0.0	-11.48	-1.38	-3.18	3.30e-03	6.13	4.19
		2.11	1.27	2.81e-03	0.0	152.0	-10.87	-1.38	-3.18	3.30e-03	1.27	2.11
13	125	-2.16	-1.67	-2.53e-03	0.0	0.0	-9.79	1.44	0.67	7.34e-04	-2.69	-4.35
		-4.35	-2.69	-2.56e-04	0.0	152.0	-9.18	1.44	0.67	7.34e-04	-1.67	-2.16
13	128	4.35	3.90	2.12e-03	0.0	0.0	-10.46	-1.45	-1.87	1.77e-03	3.90	4.35
		2.15	1.06	9.46e-04	0.0	152.0	-9.85	-1.45	-1.87	1.77e-03	1.06	2.15

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
13	141	-1.13	-1.14	-7.48e-04	0.0	0.0	-9.40	0.74	0.78	1.63e-04	-2.34	-2.23
		-2.23	-2.34	-9.69e-04	0.0	152.0	-8.79	0.74	0.78	1.63e-04	-1.14	-1.13
13	144	2.23	3.55	3.42e-04	0.0	0.0	-10.85	-0.74	-1.98	2.35e-03	3.55	2.23
		1.12	0.54	1.66e-03	0.0	152.0	-10.24	-0.74	-1.98	2.35e-03	0.54	1.12
13	167	-0.59	-0.59	-1.27e-03	-0.66	0.0	-3.63	1.38	0.18	2.47e-04	-0.86	-2.18
		-2.18	-0.86	1.73e-04	0.0	152.0	-3.01	0.72	0.18	2.47e-04	-0.59	-0.59
13	182	2.69	1.92	1.11e-03	1.31	0.0	-12.65	-2.21	-1.22	1.92e-03	1.92	2.69
		0.34	0.06	3.13e-04	0.0	152.0	-12.04	-0.89	-1.22	1.92e-03	0.06	0.34
13	189	-0.45	-0.11	1.81e-04	0.0	0.0	-3.24	0.29	2.27	-4.77e-04	-2.50	-0.89
		-0.89	-2.50	-1.25e-03	-1.40	152.0	-2.62	0.29	0.87	-4.77e-04	-0.11	-0.45
13	196	0.54	2.20	-3.81e-04	0.0	0.0	-13.59	-0.18	-1.85	2.42e-03	2.20	0.54
		0.27	-0.29	1.21e-03	0.42	152.0	-12.98	-0.18	-1.43	2.42e-03	-0.29	0.27
13	202	0.89	3.06	-4.28e-04	0.0	0.0	-13.07	-0.30	-2.47	2.74e-03	3.06	0.89
		0.44	-0.17	1.67e-03	0.70	152.0	-12.46	-0.30	-1.78	2.74e-03	-0.17	0.44
13	210	1.26e-03	0.64	-2.16e-04	0.0	0.0	-10.84	-1.15e-03	-0.64	1.34e-03	0.64	1.26e-03
		-4.93e-04	-0.32	3.67e-04	0.0	152.0	-10.22	-1.15e-03	-0.64	1.34e-03	-0.32	-4.93e-04
13	211	-0.12	0.01	-3.17e-04	-0.13	0.0	-3.69	0.28	-0.15	3.99e-04	0.01	-0.44
		-0.44	-0.21	1.41e-04	0.0	152.0	-3.07	0.14	-0.15	3.99e-04	-0.21	-0.12
13	214	-0.12	0.38	-4.42e-04	-0.13	0.0	-10.11	0.27	-0.52	1.22e-03	0.38	-0.44
		-0.44	-0.40	3.53e-04	0.0	152.0	-9.50	0.14	-0.52	1.22e-03	-0.40	-0.12
13	218	0.54	0.83	7.11e-05	0.26	0.0	-10.15	-0.44	-0.69	1.32e-03	0.83	0.54
		0.07	-0.21	3.20e-04	0.0	152.0	-9.54	-0.18	-0.69	1.32e-03	-0.21	0.07
13	219	-0.09	-0.12	-2.64e-05	0.0	0.0	-3.61	0.06	0.27	2.55e-04	-0.31	-0.18
		-0.18	-0.31	-1.43e-04	-0.28	152.0	-3.00	0.06	-8.97e-03	2.55e-04	-0.12	-0.09
13	226	0.18	1.06	-2.37e-04	0.0	0.0	-10.24	-0.06	-0.94	1.48e-03	1.06	0.18
		0.09	-0.26	5.91e-04	0.14	152.0	-9.62	-0.06	-0.80	1.48e-03	-0.26	0.09
13	227	6.40e-04	0.23	-7.81e-05	0.0	0.0	-3.70	-4.78e-04	-0.23	4.37e-04	0.23	6.40e-04
		-8.60e-05	-0.12	1.33e-04	0.0	152.0	-3.09	-4.78e-04	-0.23	4.37e-04	-0.12	-8.60e-05
13	230	1.21e-03	0.60	-2.03e-04	0.0	0.0	-10.13	-1.09e-03	-0.60	1.25e-03	0.60	1.21e-03
		-4.50e-04	-0.30	3.45e-04	0.0	152.0	-9.51	-1.09e-03	-0.60	1.25e-03	-0.30	-4.50e-04
14	16	0.09	0.36	3.92e-05	0.0	0.0	-36.23	-0.05	1.53	-2.16e-05	-1.06	0.09
		0.01	-1.06	-2.83e-03	-1.18	152.0	-35.57	-0.05	0.35	-2.16e-05	0.36	0.01
14	24	0.16	0.60	6.58e-05	0.0	0.0	-33.52	-0.09	2.54	-3.59e-05	-1.77	0.16
		0.02	-1.77	-4.72e-03	-1.97	152.0	-32.86	-0.09	0.57	-3.59e-05	0.60	0.02
14	49	-0.02	3.25	-6.63e-05	0.0	0.0	-7.03	0.09	-4.99	3.58e-05	3.25	-0.16
		-0.16	-1.34	7.90e-03	3.94	152.0	-6.59	0.09	-1.05	3.58e-05	-1.34	-0.02
14	69	3.80	-0.01	1.61e-03	0.0	0.0	-7.21	-2.16	8.40e-03	-8.09e-04	-0.02	3.80
		0.51	-0.02	-1.30e-04	0.0	152.0	-6.77	-2.16	8.40e-03	-8.09e-04	-0.01	0.51
14	88	-0.51	0.02	-1.61e-03	0.0	0.0	-33.24	2.16	-5.37e-03	8.09e-04	0.02	-3.80
		-3.80	0.02	1.35e-04	0.0	152.0	-32.58	2.16	-5.37e-03	8.09e-04	0.02	-0.51
14	97	1.90	-0.40	7.97e-04	0.0	0.0	-18.44	-1.10	0.31	-4.28e-04	-0.86	1.90
		0.22	-0.86	-4.58e-03	0.0	152.0	-17.96	-1.10	0.31	-4.28e-04	-0.40	0.22
14	100	-0.22	0.86	-7.97e-04	0.0	0.0	-18.42	1.10	-0.30	4.28e-04	0.86	-1.90
		-1.90	0.40	4.59e-03	0.0	152.0	-17.94	1.10	-0.30	4.28e-04	0.40	-0.22
14	102	-0.15	-0.39	-5.60e-04	0.0	0.0	-18.44	0.78	0.30	6.81e-05	-0.84	-1.34
		-1.34	-0.84	-4.45e-03	0.0	152.0	-17.96	0.78	0.30	6.81e-05	-0.39	-0.15
14	103	1.34	0.84	5.60e-04	0.0	0.0	-18.42	-0.78	-0.29	-6.82e-05	0.84	1.34
		0.15	0.39	4.45e-03	0.0	152.0	-17.94	-0.78	-0.29	-6.82e-05	0.39	0.15
14	109	5.93	-0.14	2.48e-03	0.0	0.0	-18.43	-3.45	0.11	-8.67e-04	-0.30	5.93
		0.68	-0.30	-1.58e-03	0.0	152.0	-17.95	-3.45	0.11	-8.67e-04	-0.14	0.68
14	112	-0.68	0.30	-2.49e-03	0.0	0.0	-18.43	3.45	-0.10	8.67e-04	0.30	-5.93
		-5.93	0.14	1.58e-03	0.0	152.0	-17.95	3.45	-0.10	8.67e-04	0.14	-0.68
14	129	1.02	-0.21	4.26e-04	0.0	0.0	-18.43	-0.59	0.16	-2.28e-04	-0.46	1.02
		0.12	-0.46	-2.44e-03	0.0	152.0	-17.95	-0.59	0.16	-2.28e-04	-0.21	0.12
14	132	-0.12	0.46	-4.27e-04	0.0	0.0	-18.42	0.59	-0.16	2.28e-04	0.46	-1.02
		-1.02	0.22	2.45e-03	0.0	152.0	-17.95	0.59	-0.16	2.28e-04	0.22	-0.12
14	134	-0.08	-0.21	-2.99e-04	0.0	0.0	-18.43	0.42	0.16	3.65e-05	-0.45	-0.71
		-0.71	-0.45	-2.37e-03	0.0	152.0	-17.95	0.42	0.16	3.65e-05	-0.21	-0.08
14	135	0.71	0.45	2.98e-04	0.0	0.0	-18.42	-0.41	-0.16	-3.66e-05	0.45	0.71
		0.08	0.21	2.38e-03	0.0	152.0	-17.95	-0.41	-0.16	-3.66e-05	0.21	0.08
14	141	3.16	-0.07	1.32e-03	0.0	0.0	-18.43	-1.84	0.06	-4.63e-04	-0.16	3.16
		0.36	-0.16	-8.41e-04	0.0	152.0	-17.95	-1.84	0.06	-4.63e-04	-0.07	0.36
14	144	-0.37	0.16	-1.33e-03	0.0	0.0	-18.43	1.84	-0.05	4.63e-04	0.16	-3.16
		-3.16	0.08	8.45e-04	0.0	152.0	-17.95	1.84	-0.05	4.63e-04	0.08	-0.37
14	166	0.06	0.24	2.61e-05	0.0	0.0	-25.09	-0.04	1.02	-1.44e-05	-0.71	0.06
		7.48e-03	-0.71	-1.89e-03	-0.79	152.0	-24.61	-0.04	0.23	-1.44e-05	0.24	7.48e-03
14	170	0.10	0.40	4.38e-05	0.0	0.0	-23.29	-0.06	1.70	-2.39e-05	-1.18	0.10
		0.01	-1.18	-3.14e-03	-1.31	152.0	-22.81	-0.06	0.38	-2.39e-05	0.40	0.01

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
14	179	-0.01	2.17	-4.42e-05	0.0	0.0	-7.21	0.06	-3.33	2.39e-05	2.17	-0.11
		-0.11	-0.89	5.27e-03	2.63	152.0	-6.73	0.06	-0.70	2.39e-05	-0.89	-0.01
14	189	2.53	-7.50e-03	1.07e-03	0.0	0.0	-7.33	-1.44	5.80e-03	-5.39e-04	-0.02	2.53
		0.34	-0.02	-8.65e-05	0.0	152.0	-6.85	-1.44	5.80e-03	-5.39e-04	-7.50e-03	0.34
14	202	-0.34	0.02	-1.07e-03	0.0	0.0	-23.10	1.44	-3.50e-03	5.39e-04	0.02	-2.53
		-2.53	0.01	8.98e-05	0.0	152.0	-22.62	1.44	-3.50e-03	5.39e-04	0.01	-0.34
14	206	-1.34e-04	1.98e-03	0.0	0.0	0.0	-19.66	2.99e-04	1.66e-03	0.0	-5.42e-04	-5.89e-04
		-5.89e-04	-5.42e-04	1.93e-06	0.0	152.0	-19.18	2.99e-04	1.66e-03	0.0	1.98e-03	-1.34e-04
14	214	0.02	0.08	8.58e-06	0.0	0.0	-18.45	-0.01	0.34	-4.81e-06	-0.24	0.02
		2.43e-03	-0.24	-6.27e-04	-0.26	152.0	-17.97	-0.01	0.08	-4.81e-06	0.08	2.43e-03
14	215	-2.59e-03	0.43	-8.92e-06	0.0	0.0	-7.37	0.01	-0.66	4.77e-06	0.43	-0.02
		-0.02	-0.18	1.05e-03	0.53	152.0	-6.89	0.01	-0.14	4.77e-06	-0.18	-2.59e-03
14	219	0.51	-9.47e-04	2.14e-04	0.0	0.0	-7.40	-0.29	1.65e-03	-1.08e-04	-3.46e-03	0.51
		0.07	-3.46e-03	-1.69e-05	0.0	152.0	-6.92	-0.29	1.65e-03	-1.08e-04	-9.47e-04	0.07
14	226	-0.07	3.45e-03	-2.14e-04	0.0	0.0	-18.41	0.29	4.60e-04	1.08e-04	2.75e-03	-0.51
		-0.51	2.75e-03	1.93e-05	0.0	152.0	-17.93	0.29	4.60e-04	1.08e-04	3.45e-03	-0.07
14	227	-4.09e-05	6.91e-04	0.0	0.0	0.0	-7.41	1.17e-04	6.13e-04	0.0	-2.41e-04	-2.19e-04
		-2.19e-04	-2.41e-04	0.0	0.0	152.0	-6.93	1.17e-04	6.13e-04	0.0	6.91e-04	-4.09e-05
14	230	-1.26e-04	1.85e-03	0.0	0.0	0.0	-18.43	2.78e-04	1.55e-03	0.0	-5.06e-04	-5.48e-04
		-5.48e-04	-5.06e-04	1.81e-06	0.0	152.0	-17.95	2.78e-04	1.55e-03	0.0	1.85e-03	-1.26e-04
15	25	1.20	3.18	-3.25e-04	0.0	0.0	-3.58	-0.27	-2.04	-3.20e-04	3.18	1.20
		0.78	0.84	1.89e-03	0.99	152.0	-3.01	-0.27	-1.05	-3.20e-04	0.84	0.78
15	48	-0.07	-0.46	-3.12e-04	0.0	0.0	-18.24	1.67	3.28	-2.63e-03	-3.95	-2.62
		-2.62	-3.95	-1.71e-03	-1.97	152.0	-17.41	1.67	1.31	-2.63e-03	-0.46	-0.07
15	56	0.48	-0.27	-1.79e-03	-0.63	0.0	-19.72	2.68	0.18	-3.56e-03	-0.55	-3.11
		-3.11	-0.55	7.13e-04	0.0	152.0	-18.88	2.05	0.18	-3.56e-03	-0.27	0.48
15	68	0.36	-0.46	-2.47e-03	-1.05	0.0	-18.95	3.58	0.30	-4.03e-03	-0.92	-4.30
		-4.30	-0.92	8.88e-04	0.0	152.0	-18.11	2.54	0.30	-4.03e-03	-0.46	0.36
15	89	3.62	0.92	1.94e-03	2.09	0.0	-2.93	-3.44	-0.30	9.32e-04	0.92	3.62
		-0.02	0.46	-5.71e-04	0.0	152.0	-2.35	-1.35	-0.30	9.32e-04	0.46	-0.02
15	102	4.72	7.83	2.02e-04	0.0	0.0	-9.82	-1.34	-2.60	-9.98e-04	7.83	4.72
		2.68	3.88	4.67e-03	0.0	152.0	-9.20	-1.34	-2.60	-9.98e-04	3.88	2.68
15	103	-2.07	-3.88	-8.92e-04	0.0	0.0	-10.43	2.53	2.60	-1.52e-03	-7.83	-5.93
		-5.93	-7.83	-4.26e-03	0.0	152.0	-9.82	2.53	2.60	-1.52e-03	-3.88	-2.07
15	109	-0.07	-0.06	-2.81e-03	0.0	0.0	-11.48	2.38	0.01	-3.26e-03	-0.06	-3.71
		-3.71	-0.06	1.80e-03	0.0	152.0	-10.87	2.38	0.01	-3.26e-03	-0.06	-0.07
15	112	2.50	0.06	2.12e-03	0.0	0.0	-8.77	-1.19	-0.01	7.44e-04	0.06	2.50
		0.67	0.06	-1.39e-03	0.0	152.0	-8.16	-1.19	-0.01	7.44e-04	0.06	0.67
15	114	4.76	4.26	1.94e-03	0.0	0.0	-8.86	-1.89	-1.41	5.78e-04	4.26	4.76
		1.88	2.14	1.31e-03	0.0	152.0	-8.25	-1.89	-1.41	5.78e-04	2.14	1.88
15	115	-1.27	-2.14	-2.63e-03	0.0	0.0	-11.39	3.08	1.41	-3.09e-03	-4.26	-5.97
		-5.97	-4.26	-9.07e-04	0.0	152.0	-10.77	3.08	1.41	-3.09e-03	-2.14	-1.27
15	134	2.24	4.17	-6.36e-05	0.0	0.0	-9.96	-0.43	-1.39	-1.12e-03	4.17	2.24
		1.57	2.07	2.58e-03	0.0	152.0	-9.35	-0.43	-1.39	-1.12e-03	2.07	1.57
15	135	-0.96	-2.07	-6.37e-04	0.0	0.0	-10.29	1.63	1.39	-1.40e-03	-4.18	-3.44
		-3.44	-4.18	-2.18e-03	0.0	152.0	-9.68	1.63	1.39	-1.40e-03	-2.07	-0.96
15	141	0.11	-0.03	-1.66e-03	0.0	0.0	-10.85	1.55	8.36e-03	-2.33e-03	-0.03	-2.26
		-2.26	-0.03	1.05e-03	0.0	152.0	-10.24	1.55	8.36e-03	-2.33e-03	-0.03	0.11
15	144	1.05	0.03	9.71e-04	0.0	0.0	-9.40	-0.36	-6.63e-03	-1.89e-04	0.03	1.05
		0.50	0.03	-6.47e-04	0.0	152.0	-8.79	-0.36	-6.63e-03	-1.89e-04	0.03	0.50
15	146	2.26	2.27	8.76e-04	0.0	0.0	-9.45	-0.73	-0.75	-2.77e-04	2.27	2.26
		1.15	1.14	7.95e-04	0.0	152.0	-8.84	-0.73	-0.75	-2.77e-04	1.14	1.15
15	147	-0.54	-1.14	-1.57e-03	0.0	0.0	-10.80	1.92	0.75	-2.24e-03	-2.27	-3.47
		-3.47	-2.27	-3.88e-04	0.0	152.0	-10.18	1.92	0.75	-2.24e-03	-1.14	-0.54
15	167	0.72	2.12	-2.61e-04	0.0	0.0	-3.67	-0.11	-1.36	-3.59e-04	2.12	0.72
		0.56	0.56	1.29e-03	0.66	152.0	-3.06	-0.11	-0.70	-3.59e-04	0.56	0.56
15	182	-0.03	-0.30	-2.26e-04	0.0	0.0	-12.60	1.15	2.19	-1.81e-03	-2.63	-1.77
		-1.77	-2.63	-1.13e-03	-1.31	152.0	-11.99	1.15	0.87	-1.81e-03	-0.30	-0.03
15	186	0.34	-0.18	-1.21e-03	-0.42	0.0	-13.59	1.82	0.12	-2.43e-03	-0.37	-2.11
		-2.11	-0.37	4.86e-04	0.0	152.0	-12.97	1.40	0.12	-2.43e-03	-0.18	0.34
15	192	0.25	-0.30	-1.67e-03	-0.70	0.0	-13.07	2.42	0.20	-2.75e-03	-0.61	-2.89
		-2.89	-0.61	6.03e-04	0.0	152.0	-12.46	1.72	0.20	-2.75e-03	-0.30	0.25
15	199	2.34	0.61	1.25e-03	1.40	0.0	-3.24	-2.22	-0.20	4.76e-04	0.61	2.34
		0.03	0.31	-3.55e-04	0.0	152.0	-2.62	-0.82	-0.20	4.76e-04	0.31	0.03
15	210	0.32	8.61e-04	-3.67e-04	0.0	0.0	-10.84	0.64	9.07e-04	-1.34e-03	-5.18e-04	-0.64
		-0.64	-5.18e-04	2.17e-04	0.0	152.0	-10.22	0.64	9.07e-04	-1.34e-03	8.61e-04	0.32
15	211	0.21	0.42	-1.58e-04	0.0	0.0	-3.70	0.16	-0.27	-4.22e-04	0.42	-0.04
		-0.04	0.11	3.20e-04	0.13	152.0	-3.08	0.16	-0.14	-4.22e-04	0.11	0.21

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
15	214	0.39	0.42	-3.71e-04	0.0	0.0	-10.12	0.53	-0.27	-1.24e-03	0.42	-0.41
		-0.41	0.11	4.45e-04	0.13	152.0	-9.51	0.53	-0.14	-1.24e-03	0.11	0.39
15	218	0.22	-0.06	-3.03e-04	0.0	0.0	-10.14	0.68	0.44	-1.30e-03	-0.53	-0.81
		-0.81	-0.53	-7.34e-05	-0.26	152.0	-9.53	0.68	0.18	-1.30e-03	-0.06	0.22
15	222	0.28	-0.06	-5.91e-04	-0.14	0.0	-10.24	0.93	0.04	-1.48e-03	-0.12	-1.03
		-1.03	-0.12	2.73e-04	0.0	152.0	-9.62	0.79	0.04	-1.48e-03	-0.06	0.28
15	223	0.28	0.12	1.43e-04	0.28	0.0	-3.61	-0.26	-0.04	-2.56e-04	0.12	0.28
		0.10	0.06	-8.35e-06	0.0	152.0	-3.00	0.02	-0.04	-2.56e-04	0.06	0.10
15	227	0.12	2.08e-04	-1.33e-04	0.0	0.0	-3.70	0.23	3.97e-04	-4.38e-04	-3.95e-04	-0.23
		-0.23	-3.95e-04	7.82e-05	0.0	152.0	-3.09	0.23	3.97e-04	-4.38e-04	2.08e-04	0.12
15	230	0.30	7.95e-04	-3.45e-04	0.0	0.0	-10.13	0.60	8.62e-04	-1.26e-03	-5.15e-04	-0.60
		-0.60	-5.15e-04	2.04e-04	0.0	152.0	-9.51	0.60	8.62e-04	-1.26e-03	7.95e-04	0.30
16	25	0.73	0.20	-4.91e-05	0.0	0.0	-3.17	0.81	1.31	-7.38e-04	-0.46	-0.51
		-0.51	-0.46	-2.93e-03	-1.97	152.0	-2.59	0.81	-0.66	-7.38e-04	0.03	0.73
16	48	2.11	0.84	6.72e-04	0.0	0.0	-17.25	0.58	-1.05	-2.21e-03	0.84	1.22
		1.22	-0.01	2.74e-03	0.99	152.0	-16.41	0.58	-0.07	-2.21e-03	-0.01	2.11
16	69	-0.02	0.46	1.89e-03	2.09	0.0	-2.35	-1.35	-0.30	9.32e-04	0.46	-0.02
		-0.67	-2.83e-03	1.41e-04	0.0	152.0	-1.78	0.75	-0.30	9.32e-04	-2.83e-03	-0.47
16	76	3.12	6.08e-03	-8.67e-04	-0.63	0.0	-18.88	2.05	0.18	-3.56e-03	-0.27	0.48
		0.48	-0.27	-4.59e-04	0.0	152.0	-18.05	1.42	0.18	-3.56e-03	6.08e-03	3.12
16	88	3.42	7.03e-03	-1.52e-03	-1.05	0.0	-18.11	2.54	0.30	-4.03e-03	-0.46	0.36
		0.36	-0.46	-4.62e-04	0.0	152.0	-17.28	1.49	0.30	-4.03e-03	7.03e-03	3.42
16	98	1.71	3.87e-03	-5.34e-04	0.0	0.0	-9.82	2.51	2.55	-1.52e-03	-3.88	-2.07
		-2.07	-3.88	-9.81e-03	0.0	152.0	-9.21	2.51	2.55	-1.52e-03	3.87e-03	1.71
16	99	2.68	3.88	1.10e-03	0.0	0.0	-9.20	-1.31	-2.55	-9.98e-04	3.88	2.68
		0.72	3.35e-04	9.40e-03	0.0	152.0	-8.59	-1.31	-2.55	-9.98e-04	3.35e-04	0.72
16	121	0.67	0.06	3.69e-03	0.0	0.0	-8.16	-1.09	-0.03	7.44e-04	0.06	0.67
		-0.98	-3.56e-03	-4.02e-03	0.0	152.0	-7.54	-1.09	-0.03	7.44e-04	-3.56e-03	-0.98
16	124	3.41	7.77e-03	-2.99e-03	0.0	0.0	-10.87	2.29	0.03	-3.26e-03	-0.06	-0.07
		-0.07	-0.06	3.61e-03	0.0	152.0	-10.25	2.29	0.03	-3.26e-03	7.77e-03	3.41
16	130	1.48	3.05e-03	-2.78e-04	0.0	0.0	-9.68	1.61	1.36	-1.40e-03	-2.07	-0.96
		-0.96	-2.07	-5.33e-03	0.0	152.0	-9.06	1.61	1.36	-1.40e-03	3.05e-03	1.48
16	131	1.57	2.07	7.52e-04	0.0	0.0	-9.35	-0.42	-1.36	-1.12e-03	2.07	1.57
		0.95	1.16e-03	4.92e-03	0.0	152.0	-8.73	-0.42	-1.36	-1.12e-03	1.16e-03	0.95
16	153	0.50	0.03	2.13e-03	0.0	0.0	-8.79	-0.30	-0.01	-1.89e-04	0.03	0.50
		0.04	-9.20e-04	-2.24e-03	0.0	152.0	-8.17	-0.30	-0.01	-1.89e-04	-9.20e-04	0.04
16	156	2.38	5.13e-03	-1.44e-03	0.0	0.0	-10.24	1.50	0.02	-2.33e-03	-0.03	0.11
		0.11	-0.03	1.83e-03	0.0	152.0	-9.62	1.50	0.02	-2.33e-03	5.13e-03	2.38
16	167	0.64	0.13	2.85e-05	0.0	0.0	-3.17	0.62	0.87	-6.38e-04	-0.31	-0.30
		-0.30	-0.31	-1.98e-03	-1.31	152.0	-2.55	0.62	-0.44	-6.38e-04	0.02	0.64
16	182	1.47	0.56	4.66e-04	0.0	0.0	-11.89	0.42	-0.70	-1.53e-03	0.56	0.83
		0.83	-7.75e-03	1.82e-03	0.66	152.0	-11.27	0.42	-0.04	-1.53e-03	-7.75e-03	1.47
16	189	0.03	0.31	1.30e-03	1.40	0.0	-2.62	-0.82	-0.20	4.76e-04	0.31	0.03
		-0.34	-1.62e-03	6.78e-05	0.0	152.0	-2.01	0.57	-0.20	4.76e-04	-1.62e-03	-0.16
16	196	2.15	4.16e-03	-5.78e-04	-0.42	0.0	-12.97	1.40	0.12	-2.43e-03	-0.18	0.34
		0.34	-0.18	-3.17e-04	0.0	152.0	-12.36	0.98	0.12	-2.43e-03	4.16e-03	2.15
16	202	2.34	4.79e-03	-1.01e-03	-0.70	0.0	-12.46	1.72	0.20	-2.75e-03	-0.30	0.25
		0.25	-0.30	-3.19e-04	0.0	152.0	-11.85	1.03	0.20	-2.75e-03	4.79e-03	2.34
16	210	1.29	2.24e-03	3.73e-04	0.0	0.0	-10.22	0.64	9.07e-04	-1.34e-03	8.61e-04	0.32
		0.32	8.61e-04	-2.19e-04	0.0	152.0	-9.61	0.64	9.07e-04	-1.34e-03	2.24e-03	1.29
16	211	0.50	0.03	1.13e-04	0.0	0.0	-3.10	0.31	0.17	-4.78e-04	-0.06	0.03
		0.03	-0.06	-4.60e-04	-0.26	152.0	-2.49	0.31	-0.09	-4.78e-04	4.99e-03	0.50
16	218	1.20	0.11	3.55e-04	0.0	0.0	-9.51	0.53	-0.14	-1.24e-03	0.11	0.39
		0.39	2.09e-05	2.61e-04	0.13	152.0	-8.89	0.53	-8.14e-03	-1.24e-03	2.09e-05	1.20
16	219	0.34	0.06	3.68e-04	0.28	0.0	-3.00	0.02	-0.04	-2.56e-04	0.06	0.10
		0.10	3.25e-04	-4.97e-05	0.0	152.0	-2.38	0.30	-0.04	-2.56e-04	3.25e-04	0.34
16	226	1.37	2.53e-03	-2.04e-04	-0.14	0.0	-9.62	0.79	0.04	-1.48e-03	-0.06	0.28
		0.28	-0.06	-2.17e-04	0.0	152.0	-9.01	0.65	0.04	-1.48e-03	2.53e-03	1.37
16	227	0.47	8.11e-04	1.34e-04	0.0	0.0	-3.09	0.23	3.97e-04	-4.38e-04	2.08e-04	0.12
		0.12	2.08e-04	-7.91e-05	0.0	152.0	-2.47	0.23	3.97e-04	-4.38e-04	8.11e-04	0.47
16	230	1.21	2.10e-03	3.50e-04	0.0	0.0	-9.51	0.60	8.61e-04	-1.26e-03	7.95e-04	0.30
		0.30	7.95e-04	-2.06e-04	0.0	152.0	-8.90	0.60	8.61e-04	-1.26e-03	2.10e-03	1.21
17	25	0.12	0.06	-8.91e-05	0.0	0.0	-6.59	0.09	-1.05	3.58e-05	-1.34	-0.02
		-0.02	-1.55	-2.94e-03	3.94	152.0	-6.15	0.09	2.89	3.58e-05	0.06	0.12
17	36	0.01	0.44	5.26e-05	0.0	0.0	-35.57	-0.05	0.35	-2.16e-05	0.36	0.01
		-0.07	-0.01	-6.20e-04	-1.18	152.0	-34.91	-0.05	-0.84	-2.16e-05	-0.01	-0.07
17	48	0.02	0.73	8.82e-05	0.0	0.0	-32.86	-0.09	0.57	-3.59e-05	0.60	0.02
		-0.12	-0.02	-1.05e-03	-1.97	152.0	-32.20	-0.09	-1.40	-3.59e-05	-0.02	-0.12

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
17	68	2.77	0.02	-2.22e-03	0.0	0.0	-32.58	2.16	-5.37e-03	8.09e-04	0.02	-0.51
		-0.51	7.22e-03	3.34e-04	0.0	152.0	-31.92	2.16	-5.37e-03	8.09e-04	7.22e-03	2.77
17	89	0.51	1.17e-03	2.22e-03	0.0	0.0	-6.77	-2.16	8.40e-03	-8.09e-04	-0.01	0.51
		-2.77	-0.01	-2.80e-04	0.0	152.0	-6.33	-2.16	8.40e-03	-8.09e-04	1.17e-03	-2.77
17	98	0.15	0.39	7.47e-04	0.0	0.0	-17.94	-0.76	-0.25	-6.82e-05	0.39	0.15
		-1.00	4.48e-03	9.64e-03	0.0	152.0	-17.46	-0.76	-0.25	-6.82e-05	4.48e-03	-1.00
17	99	1.00	3.95e-03	-7.48e-04	0.0	0.0	-17.96	0.76	0.26	6.81e-05	-0.39	-0.15
		-0.15	-0.39	-9.59e-03	0.0	152.0	-17.48	0.76	0.26	6.81e-05	3.95e-03	1.00
17	101	1.43	0.40	-1.07e-03	0.0	0.0	-17.94	1.09	-0.26	4.28e-04	0.40	-0.22
		-0.22	4.47e-03	9.94e-03	0.0	152.0	-17.46	1.09	-0.26	4.28e-04	4.47e-03	1.43
17	104	0.22	3.96e-03	1.07e-03	0.0	0.0	-17.96	-1.09	0.27	-4.28e-04	-0.40	0.22
		-1.43	-0.40	-9.88e-03	0.0	152.0	-17.48	-1.09	0.27	-4.28e-04	3.96e-03	-1.43
17	121	4.44	0.14	-3.32e-03	0.0	0.0	-17.95	3.37	-0.09	8.67e-04	0.14	-0.68
		-0.68	4.27e-03	3.44e-03	0.0	152.0	-17.47	3.37	-0.09	8.67e-04	4.27e-03	4.44
17	124	0.68	4.15e-03	3.32e-03	0.0	0.0	-17.95	-3.37	0.09	-8.67e-04	-0.14	0.68
		-4.44	-0.14	-3.39e-03	0.0	152.0	-17.47	-3.37	0.09	-8.67e-04	4.15e-03	-4.44
17	130	0.08	0.21	3.98e-04	0.0	0.0	-17.95	-0.40	-0.14	-3.66e-05	0.21	0.08
		-0.53	4.35e-03	5.15e-03	0.0	152.0	-17.47	-0.40	-0.14	-3.66e-05	4.35e-03	-0.53
17	131	0.53	4.07e-03	-3.99e-04	0.0	0.0	-17.95	0.40	0.14	3.65e-05	-0.21	-0.08
		-0.08	-0.21	-5.10e-03	0.0	152.0	-17.47	0.40	0.14	3.65e-05	4.07e-03	0.53
17	133	0.77	0.22	-5.72e-04	0.0	0.0	-17.95	0.58	-0.14	2.28e-04	0.22	-0.12
		-0.12	4.35e-03	5.31e-03	0.0	152.0	-17.47	0.58	-0.14	2.28e-04	4.35e-03	0.77
17	136	0.12	4.08e-03	5.71e-04	0.0	0.0	-17.95	-0.58	0.14	-2.28e-04	-0.21	0.12
		-0.77	-0.21	-5.26e-03	0.0	152.0	-17.47	-0.58	0.14	-2.28e-04	4.08e-03	-0.77
17	153	2.37	0.08	-1.77e-03	0.0	0.0	-17.95	1.80	-0.05	4.63e-04	0.08	-0.37
		-0.37	4.24e-03	1.85e-03	0.0	152.0	-17.47	1.80	-0.05	4.63e-04	4.24e-03	2.37
17	156	0.36	4.18e-03	1.77e-03	0.0	0.0	-17.95	-1.80	0.05	-4.63e-04	-0.07	0.36
		-2.37	-0.07	-1.80e-03	0.0	152.0	-17.47	-1.80	0.05	-4.63e-04	4.18e-03	-2.37
17	167	0.08	0.04	-5.95e-05	0.0	0.0	-6.73	0.06	-0.70	2.39e-05	-0.89	-0.01
		-0.01	-1.03	-1.96e-03	2.63	152.0	-6.25	0.06	1.93	2.39e-05	0.04	0.08
17	176	7.48e-03	0.29	3.50e-05	0.0	0.0	-24.61	-0.04	0.23	-1.44e-05	0.24	7.48e-03
		-0.05	-6.82e-03	-4.13e-04	-0.79	152.0	-24.13	-0.04	-0.56	-1.44e-05	-6.82e-03	-0.05
17	182	0.01	0.48	5.88e-05	0.0	0.0	-22.81	-0.06	0.38	-2.39e-05	0.40	0.01
		-0.08	-0.02	-6.97e-04	-1.31	152.0	-22.33	-0.06	-0.93	-2.39e-05	-0.02	-0.08
17	192	1.85	0.01	-1.48e-03	0.0	0.0	-22.62	1.44	-3.50e-03	5.39e-04	0.01	-0.34
		-0.34	5.03e-03	2.24e-04	0.0	152.0	-22.14	1.44	-3.50e-03	5.39e-04	5.03e-03	1.85
17	199	0.34	1.32e-03	1.48e-03	0.0	0.0	-6.85	-1.44	5.80e-03	-5.39e-04	-7.50e-03	0.34
		-1.85	-7.50e-03	-1.83e-04	0.0	152.0	-6.37	-1.44	5.80e-03	-5.39e-04	1.32e-03	-1.85
17	206	3.21e-04	4.50e-03	0.0	0.0	0.0	-19.18	2.99e-04	1.66e-03	0.0	1.98e-03	-1.34e-04
		-1.34e-04	1.98e-03	2.75e-05	0.0	152.0	-18.70	2.99e-04	1.66e-03	0.0	4.50e-03	3.21e-04
17	211	0.02	0.01	-1.20e-05	0.0	0.0	-6.89	0.01	-0.14	4.77e-06	-0.18	-2.59e-03
		-2.59e-03	-0.21	-3.84e-04	0.53	152.0	-6.41	0.01	0.39	4.77e-06	0.01	0.02
17	218	2.43e-03	0.10	1.15e-05	0.0	0.0	-17.97	-0.01	0.08	-4.81e-06	0.08	2.43e-03
		-0.02	1.67e-05	-1.33e-04	-0.26	152.0	-17.49	-0.01	-0.19	-4.81e-06	1.67e-05	-0.02
17	222	0.37	4.15e-03	-2.96e-04	0.0	0.0	-17.93	0.29	4.60e-04	1.08e-04	3.45e-03	-0.07
		-0.07	3.45e-03	6.39e-05	0.0	152.0	-17.45	0.29	4.60e-04	1.08e-04	4.15e-03	0.37
17	223	0.07	1.56e-03	2.95e-04	0.0	0.0	-6.92	-0.29	1.65e-03	-1.08e-04	-9.47e-04	0.07
		-0.37	-9.47e-04	-2.92e-05	0.0	152.0	-6.44	-0.29	1.65e-03	-1.08e-04	1.56e-03	-0.37
17	227	1.37e-04	1.62e-03	0.0	0.0	0.0	-6.93	1.17e-04	6.13e-04	0.0	6.91e-04	-4.09e-05
		-4.09e-05	6.91e-04	9.38e-06	0.0	152.0	-6.45	1.17e-04	6.13e-04	0.0	1.62e-03	1.37e-04
17	230	2.97e-04	4.21e-03	0.0	0.0	0.0	-17.95	2.78e-04	1.55e-03	0.0	1.85e-03	-1.26e-04
		-1.26e-04	1.85e-03	2.58e-05	0.0	152.0	-17.47	2.78e-04	1.55e-03	0.0	4.21e-03	2.97e-04
18	48	0.01	-1.27	-2.76e-03	-0.99	0.0	-17.18	1.08	-0.48	2.04e-03	-1.27	-0.88
		-0.88	-1.99	-8.52e-04	0.0	152.0	-16.34	0.10	-0.48	2.04e-03	-1.99	0.01
18	56	0.40	-0.41	8.06e-04	0.0	0.0	-18.88	-0.27	-2.10	3.55e-03	-0.41	0.40
		-6.08e-03	-3.13	8.67e-04	0.63	152.0	-18.05	-0.27	-1.47	3.55e-03	-3.13	-6.08e-03
18	68	0.67	-0.23	1.04e-03	0.0	0.0	-18.11	-0.44	-2.62	4.03e-03	-0.23	0.67
		-7.03e-03	-3.42	1.52e-03	1.05	152.0	-17.28	-0.44	-1.57	4.03e-03	-3.42	-7.03e-03
18	69	0.67	0.20	7.42e-04	0.0	0.0	-3.87	-0.44	-1.76	2.14e-03	0.20	0.67
		-4.00e-03	-1.68	1.84e-03	1.05	152.0	-3.30	-0.44	-0.71	2.14e-03	-1.68	-4.00e-03
18	89	2.83e-03	0.63	-7.16e-04	0.0	0.0	-2.35	0.44	1.43	-9.34e-04	-0.11	-0.67
		-0.67	-0.11	-1.89e-03	-2.09	152.0	-1.78	0.44	-0.67	-9.34e-04	0.47	2.83e-03
18	105	4.04	2.25	0.01	0.0	0.0	-10.14	-2.66	-2.95	2.23e-03	2.25	4.04
		-4.92e-03	-2.23	1.23e-03	0.0	152.0	-9.53	-2.66	-2.95	2.23e-03	-2.23	-4.92e-03
18	108	7.04e-04	-0.19	-0.01	0.0	0.0	-8.88	2.66	1.75	2.79e-04	-2.86	-4.04
		-4.04	-2.86	-1.90e-03	0.0	152.0	-8.27	2.66	1.75	2.79e-04	-0.19	7.04e-04
18	121	2.11	1.27	4.46e-03	0.0	0.0	-10.87	-1.37	-3.09	3.30e-03	1.27	2.11
		-7.84e-03	-3.41	2.99e-03	0.0	152.0	-10.26	-1.37	-3.09	3.30e-03	-3.41	-7.84e-03

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
18	124	3.63e-03	0.98	-4.04e-03	0.0	0.0	-8.15	1.37	1.89	-7.90e-04	-1.88	-2.11
		-2.11	-1.88	-3.69e-03	0.0	152.0	-7.54	1.37	1.89	-7.90e-04	0.98	3.63e-03
18	137	2.15	1.06	5.72e-03	0.0	0.0	-9.85	-1.42	-1.85	1.77e-03	1.06	2.15
		-3.61e-03	-1.75	5.94e-04	0.0	152.0	-9.24	-1.42	-1.85	1.77e-03	-1.75	-3.61e-03
18	140	-6.08e-04	-0.67	-5.31e-03	0.0	0.0	-9.18	1.42	0.65	7.34e-04	-1.67	-2.16
		-2.16	-1.67	-1.17e-03	0.0	152.0	-8.56	1.42	0.65	7.34e-04	-0.67	-6.08e-04
18	153	1.12	0.54	2.48e-03	0.0	0.0	-10.24	-0.73	-1.93	2.35e-03	0.54	1.12
		-5.17e-03	-2.38	1.44e-03	0.0	152.0	-9.62	-0.73	-1.93	2.35e-03	-2.38	-5.17e-03
18	156	9.51e-04	-0.04	-2.06e-03	0.0	0.0	-8.79	0.73	0.73	1.63e-04	-1.14	-1.13
		-1.13	-1.14	-2.13e-03	0.0	152.0	-8.17	0.73	0.73	1.63e-04	-0.04	9.51e-04
18	167	0.34	0.33	1.99e-03	1.31	0.0	-3.21	-0.89	-0.69	7.48e-04	0.33	0.34
		-0.12	-0.72	1.20e-04	0.0	152.0	-2.60	0.42	-0.69	7.48e-04	-0.72	-0.02
18	182	7.89e-03	-0.86	-1.83e-03	-0.66	0.0	-11.84	0.72	-0.35	1.42e-03	-0.86	-0.59
		-0.59	-1.39	-5.86e-04	0.0	152.0	-11.22	0.06	-0.35	1.42e-03	-1.39	7.89e-03
18	186	0.27	-0.29	5.48e-04	0.0	0.0	-12.98	-0.18	-1.43	2.42e-03	-0.29	0.27
		-4.16e-03	-2.15	5.78e-04	0.42	152.0	-12.36	-0.18	-1.01	2.42e-03	-2.15	-4.16e-03
18	189	0.45	0.10	5.21e-04	0.0	0.0	-3.64	-0.29	-1.25	1.57e-03	0.10	0.45
		-2.94e-03	-1.27	1.18e-03	0.70	152.0	-3.02	-0.29	-0.55	1.57e-03	-1.27	-2.94e-03
18	192	0.44	-0.17	7.04e-04	0.0	0.0	-12.46	-0.30	-1.78	2.74e-03	-0.17	0.44
		-4.80e-03	-2.34	1.01e-03	0.70	152.0	-11.85	-0.30	-1.08	2.74e-03	-2.34	-4.80e-03
18	199	1.62e-03	0.31	-4.51e-04	0.0	0.0	-2.62	0.29	0.87	-4.77e-04	-0.11	-0.45
		-0.45	-0.11	-1.30e-03	-1.40	152.0	-2.01	0.29	-0.52	-4.77e-04	0.16	1.62e-03
18	210	-4.92e-04	-0.32	2.20e-04	0.0	0.0	-10.22	-1.15e-03	-0.64	1.34e-03	-0.32	-4.92e-04
		-2.24e-03	-1.29	-3.73e-04	0.0	152.0	-9.61	-1.15e-03	-0.64	1.34e-03	-1.29	-2.24e-03
18	211	0.07	-0.03	4.62e-04	0.26	0.0	-3.11	-0.18	-0.32	5.00e-04	-0.03	0.07
		-0.02	-0.52	-8.92e-05	0.0	152.0	-2.50	0.08	-0.32	5.00e-04	-0.52	-5.02e-03
18	218	4.24e-06	-0.40	-2.60e-04	-0.13	0.0	-9.50	0.14	-0.52	1.22e-03	-0.40	-0.12
		-0.12	-1.18	-3.79e-04	0.0	152.0	-8.88	0.01	-0.52	1.22e-03	-1.18	4.24e-06
18	219	0.09	-0.07	1.68e-04	0.0	0.0	-3.20	-0.06	-0.43	6.65e-04	-0.07	0.09
		-1.24e-03	-0.63	1.93e-04	0.14	152.0	-2.58	-0.06	-0.29	6.65e-04	-0.63	-1.24e-03
18	222	0.09	-0.26	2.95e-04	0.0	0.0	-9.62	-0.06	-0.80	1.48e-03	-0.26	0.09
		-2.53e-03	-1.37	2.04e-04	0.14	152.0	-9.01	-0.06	-0.66	1.48e-03	-1.37	-2.53e-03
18	223	-3.26e-04	-0.12	-3.81e-05	0.0	0.0	-3.00	0.06	-8.97e-03	2.55e-04	-0.12	-0.09
		-0.09	-0.34	-3.68e-04	-0.28	152.0	-2.38	0.06	-0.29	2.55e-04	-0.34	-3.26e-04
18	227	-8.59e-05	-0.12	7.94e-05	0.0	0.0	-3.09	-4.78e-04	-0.23	4.37e-04	-0.12	-8.59e-05
		-8.12e-04	-0.47	-1.34e-04	0.0	152.0	-2.47	-4.78e-04	-0.23	4.37e-04	-0.47	-8.12e-04
18	230	-4.50e-04	-0.30	2.07e-04	0.0	0.0	-9.51	-1.09e-03	-0.60	1.25e-03	-0.30	-4.50e-04
		-2.11e-03	-1.21	-3.50e-04	0.0	152.0	-8.90	-1.09e-03	-0.60	1.25e-03	-1.21	-2.11e-03
19	25	0.61	1.76e-03	2.85e-04	0.0	0.0	-5.27	0.76	0.80	-1.19e-05	-1.21	-0.54
		-0.54	-1.21	-3.49e-03	0.0	152.0	-4.69	0.76	0.80	-1.19e-05	1.76e-03	0.61
19	48	3.45	1.22	8.84e-04	0.0	0.0	-33.25	1.25	-0.79	3.76e-05	1.22	1.56
		1.56	0.01	2.81e-03	0.0	152.0	-32.41	1.25	-0.79	3.76e-05	0.01	3.45
19	69	0.29	0.46	1.52e-03	4.20	0.0	-4.95	-1.51	-0.31	1.94e-05	0.46	-0.62
		-1.03	-5.62e-03	3.76e-04	0.0	152.0	-4.37	2.69	-0.31	1.94e-05	-5.62e-03	0.29
19	76	4.36	0.01	-8.35e-04	-1.26	0.0	-35.81	2.82	0.19	1.38e-05	-0.27	1.03
		1.03	-0.27	-7.72e-04	0.0	152.0	-34.96	1.56	0.19	1.38e-05	0.01	4.36
19	88	4.54	0.02	-1.37e-03	-2.10	0.0	-33.93	3.36	0.31	5.87e-06	-0.46	1.03
		1.03	-0.46	-8.28e-04	0.0	152.0	-33.08	1.26	0.31	5.87e-06	0.02	4.54
19	98	2.28	7.97e-03	-3.72e-04	0.0	0.0	-18.29	2.72	2.51	5.15e-04	-3.81	-1.83
		-1.83	-3.81	-9.90e-03	0.0	152.0	-17.67	2.72	2.51	5.15e-04	7.97e-03	2.28
19	99	2.76	3.82	1.04e-03	0.0	0.0	-17.88	-0.90	-2.51	-4.93e-04	3.82	2.76
		1.40	2.86e-03	9.29e-03	0.0	152.0	-17.25	-0.90	-2.51	-4.93e-04	2.86e-03	1.40
19	121	0.60	-4.43e-03	3.29e-03	0.0	0.0	-16.95	-0.74	0.05	-1.18e-03	-0.06	0.60
		-0.53	-0.06	-4.11e-03	0.0	152.0	-16.33	-0.74	0.05	-1.18e-03	-4.43e-03	-0.53
19	124	4.21	0.07	-2.29e-03	0.0	0.0	-19.21	2.56	-0.05	1.20e-03	0.07	0.32
		0.32	0.02	3.49e-03	0.0	152.0	-18.59	2.56	-0.05	1.20e-03	0.02	4.21
19	130	2.07	6.78e-03	2.61e-04	0.0	0.0	-18.19	1.87	1.34	2.82e-04	-2.03	-0.76
		-0.76	-2.03	-5.43e-03	0.0	152.0	-17.57	1.87	1.34	2.82e-04	6.78e-03	2.07
19	131	1.69	2.04	8.00e-04	0.0	0.0	-17.97	-0.06	-1.34	-2.59e-04	2.04	1.69
		1.61	4.05e-03	4.81e-03	0.0	152.0	-17.35	-0.06	-1.34	-2.59e-04	4.05e-03	1.61
19	153	0.58	1.66e-04	2.00e-03	0.0	0.0	-17.48	0.03	0.03	-6.29e-04	-0.03	0.54
		0.54	-0.03	-2.34e-03	0.0	152.0	-16.86	0.03	0.03	-6.29e-04	1.66e-04	0.58
19	156	3.10	0.04	-1.12e-03	0.0	0.0	-18.68	1.79	-0.02	6.52e-04	0.04	0.39
		0.39	0.01	1.72e-03	0.0	152.0	-18.06	1.79	-0.02	6.52e-04	0.01	3.10
19	167	0.64	1.85e-03	2.56e-04	0.0	0.0	-5.33	0.62	0.53	-6.18e-06	-0.81	-0.30
		-0.30	-0.81	-2.37e-03	0.0	152.0	-4.71	0.62	0.53	-6.18e-06	1.85e-03	0.64
19	182	2.39	0.81	6.16e-04	0.0	0.0	-22.85	0.88	-0.53	2.57e-05	0.81	1.06
		1.06	7.06e-03	1.86e-03	0.0	152.0	-22.23	0.88	-0.53	2.57e-05	7.06e-03	2.39

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
19	189	0.42	0.31	1.08e-03	2.80	0.0	-5.11	-0.89	-0.21	1.47e-05	0.31	-0.35
		-0.56	-3.07e-03	2.12e-04	0.0	152.0	-4.49	1.91	-0.21	1.47e-05	-3.07e-03	0.42
19	196	3.00	0.01	-5.60e-04	-0.84	0.0	-24.56	1.93	0.13	9.91e-06	-0.18	0.71
		0.71	-0.18	-5.30e-04	0.0	152.0	-23.94	1.09	0.13	9.91e-06	0.01	3.00
19	202	3.12	0.01	-9.11e-04	-1.40	0.0	-23.31	2.28	0.21	4.62e-06	-0.31	0.71
		0.71	-0.31	-5.67e-04	0.0	152.0	-22.69	0.88	0.21	4.62e-06	0.01	3.12
19	210	1.96	5.77e-03	5.65e-04	0.0	0.0	-19.49	0.97	2.15e-03	1.19e-05	2.50e-03	0.49
		0.49	2.50e-03	-3.29e-04	0.0	152.0	-18.87	0.97	2.15e-03	1.19e-05	5.77e-03	1.96
19	211	0.68	1.99e-03	2.09e-04	0.0	0.0	-5.35	0.39	0.11	3.00e-06	-0.16	0.08
		0.08	-0.16	-5.66e-04	0.0	152.0	-4.73	0.39	0.11	3.00e-06	1.99e-03	0.68
19	218	1.85	0.16	5.19e-04	0.0	0.0	-18.09	0.85	-0.10	1.36e-05	0.16	0.56
		0.56	5.45e-03	2.66e-04	0.0	152.0	-17.47	0.85	-0.10	1.36e-05	5.45e-03	1.85
19	219	0.63	0.06	3.74e-04	0.56	0.0	-5.30	0.09	-0.04	7.18e-06	0.06	0.07
		0.07	1.00e-03	-4.99e-05	0.0	152.0	-4.68	0.65	-0.04	7.18e-06	1.00e-03	0.63
19	226	2.00	6.31e-03	3.02e-04	-0.28	0.0	-18.18	1.13	0.04	9.36e-06	-0.06	0.49
		0.49	-0.06	-3.44e-04	0.0	152.0	-17.56	0.85	0.04	9.36e-06	6.31e-03	2.00
19	227	0.69	2.02e-03	1.98e-04	0.0	0.0	-5.35	0.34	8.24e-04	5.30e-06	7.70e-04	0.17
		0.17	7.70e-04	-1.15e-04	0.0	152.0	-4.73	0.34	8.24e-04	5.30e-06	2.02e-03	0.69
19	230	1.84	5.41e-03	5.30e-04	0.0	0.0	-18.08	0.91	2.03e-03	1.13e-05	2.34e-03	0.46
		0.46	2.34e-03	-3.09e-04	0.0	152.0	-17.46	0.91	2.03e-03	1.13e-05	5.41e-03	1.84
20	16	0.05	0.18	-4.86e-05	0.0	0.0	-70.89	0.03	-0.10	0.0	0.18	-4.72e-04
		-4.72e-04	0.02	2.06e-03	0.0	152.0	-70.47	0.03	-0.10	0.0	0.02	0.05
20	24	0.09	0.29	-8.08e-05	0.0	0.0	-65.25	0.06	-0.18	0.0	0.29	-7.86e-04
		-7.86e-04	0.02	3.42e-03	0.0	152.0	-64.83	0.06	-0.18	0.0	0.02	0.09
20	49	7.85e-04	4.11e-03	8.05e-05	0.0	0.0	-13.12	-0.06	0.19	0.0	-0.29	7.85e-04
		-0.09	-0.29	-3.39e-03	0.0	152.0	-12.79	-0.06	0.19	0.0	4.11e-03	-0.09
20	68	1.89	0.03	-2.02e-03	0.0	0.0	-64.89	1.29	-7.14e-03	2.11e-06	0.03	-0.07
		-0.07	0.02	3.10e-04	0.0	152.0	-64.48	1.29	-7.14e-03	2.11e-06	0.02	1.89
20	89	0.07	3.15e-03	2.02e-03	0.0	0.0	-12.77	-1.29	0.02	-2.13e-06	-0.02	0.07
		-1.89	-0.02	-2.84e-04	0.0	152.0	-12.44	-1.29	0.02	-2.13e-06	3.15e-03	-1.89
20	94	-2.69e-03	0.81	2.47e-04	0.0	0.0	-35.55	-0.17	-0.53	-2.88e-05	0.81	-2.69e-03
		-0.27	0.01	9.67e-03	0.0	152.0	-35.23	-0.17	-0.53	-2.88e-05	0.01	-0.27
20	95	0.27	0.01	-2.48e-04	0.0	0.0	-35.57	0.17	0.54	2.88e-05	-0.81	2.69e-03
		2.69e-03	-0.81	-9.64e-03	0.0	152.0	-35.25	0.17	0.54	2.88e-05	0.01	0.27
20	101	1.01	0.84	-9.44e-04	0.0	0.0	-35.55	0.67	-0.54	2.99e-05	0.84	-2.21e-03
		-2.21e-03	0.01	9.96e-03	0.0	152.0	-35.23	0.67	-0.54	2.99e-05	0.01	1.01
20	104	2.21e-03	0.01	9.44e-04	0.0	0.0	-35.57	-0.67	0.56	-3.00e-05	-0.83	2.21e-03
		-1.01	-0.83	-9.93e-03	0.0	152.0	-35.25	-0.67	0.56	-3.00e-05	0.01	-1.01
20	121	2.70	0.29	-2.54e-03	0.0	0.0	-35.56	1.78	-0.18	-4.04e-04	0.29	3.51e-03
		3.51e-03	0.01	3.44e-03	0.0	152.0	-35.24	1.78	-0.18	-4.04e-04	0.01	2.70
20	124	-3.51e-03	0.01	2.54e-03	0.0	0.0	-35.56	-1.78	0.19	4.04e-04	-0.28	-3.51e-03
		-2.70	-0.28	-3.42e-03	0.0	152.0	-35.24	-1.78	0.19	4.04e-04	0.01	-2.70
20	126	-1.44e-03	0.44	1.33e-04	0.0	0.0	-35.56	-0.09	-0.28	-1.59e-05	0.44	-1.44e-03
		-0.14	0.01	5.16e-03	0.0	152.0	-35.24	-0.09	-0.28	-1.59e-05	0.01	-0.14
20	127	0.14	0.01	-1.33e-04	0.0	0.0	-35.56	0.09	0.29	1.58e-05	-0.43	1.44e-03
		1.44e-03	-0.43	-5.14e-03	0.0	152.0	-35.24	0.09	0.29	1.58e-05	0.01	0.14
20	133	0.54	0.45	-5.04e-04	0.0	0.0	-35.56	0.36	-0.29	1.64e-05	0.45	-1.17e-03
		-1.17e-03	0.01	5.32e-03	0.0	152.0	-35.24	0.36	-0.29	1.64e-05	0.01	0.54
20	136	1.17e-03	0.01	5.04e-04	0.0	0.0	-35.56	-0.36	0.30	-1.65e-05	-0.44	1.17e-03
		-0.54	-0.44	-5.29e-03	0.0	152.0	-35.24	-0.36	0.30	-1.65e-05	0.01	-0.54
20	153	1.44	0.16	-1.35e-03	0.0	0.0	-35.56	0.95	-0.10	-2.17e-04	0.16	1.89e-03
		1.89e-03	0.01	1.84e-03	0.0	152.0	-35.24	0.95	-0.10	-2.17e-04	0.01	1.44
20	156	-1.89e-03	0.01	1.35e-03	0.0	0.0	-35.56	-0.95	0.11	2.17e-04	-0.15	-1.89e-03
		-1.44	-0.15	-1.82e-03	0.0	152.0	-35.24	-0.95	0.11	2.17e-04	0.01	-1.44
20	166	0.03	0.12	-3.24e-05	0.0	0.0	-49.01	0.02	-0.07	0.0	0.12	-3.15e-04
		-3.15e-04	0.01	1.38e-03	0.0	152.0	-48.69	0.02	-0.07	0.0	0.01	0.03
20	170	0.06	0.20	-5.38e-05	0.0	0.0	-45.25	0.04	-0.12	0.0	0.20	-5.24e-04
		-5.24e-04	0.01	2.28e-03	0.0	152.0	-44.93	0.04	-0.12	0.0	0.01	0.06
20	179	5.23e-04	4.09e-03	5.36e-05	0.0	0.0	-13.12	-0.04	0.13	0.0	-0.19	5.23e-04
		-0.06	-0.19	-2.26e-03	0.0	152.0	-12.80	-0.04	0.13	0.0	4.09e-03	-0.06
20	192	1.26	0.02	-1.35e-03	0.0	0.0	-45.01	0.86	-4.50e-03	1.40e-06	0.02	-0.04
		-0.04	0.01	2.07e-04	0.0	152.0	-44.69	0.86	-4.50e-03	1.40e-06	0.01	1.26
20	199	0.04	3.45e-03	1.35e-03	0.0	0.0	-12.88	-0.86	0.01	-1.43e-06	-0.02	0.04
		-1.26	-0.02	-1.88e-04	0.0	152.0	-12.56	-0.86	0.01	-1.43e-06	3.45e-03	-1.26
20	206	1.44e-04	0.01	0.0	0.0	0.0	-38.07	9.54e-05	5.50e-03	0.0	3.24e-03	0.0
		0.0	3.24e-03	1.33e-05	0.0	152.0	-37.75	9.54e-05	5.50e-03	0.0	0.01	1.44e-04
20	214	0.01	0.04	-1.09e-05	0.0	0.0	-35.56	7.68e-03	-0.02	0.0	0.04	-1.05e-04
		-1.05e-04	0.01	4.65e-04	0.0	152.0	-35.24	7.68e-03	-0.02	0.0	0.01	0.01

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
20	215	1.05e-04	4.06e-03	1.07e-05	0.0	0.0	-13.12	-7.55e-03	0.03	0.0	-0.04	1.05e-04
		-0.01	-0.04	-4.48e-04	0.0	152.0	-12.80	-7.55e-03	0.03	0.0	4.06e-03	-0.01
20	222	0.25	0.01	-2.69e-04	0.0	0.0	-35.51	0.17	2.93e-03	0.0	6.26e-03	-8.91e-03
		-8.91e-03	6.26e-03	5.07e-05	0.0	152.0	-35.19	0.17	2.93e-03	0.0	0.01	0.25
20	223	8.91e-03	3.93e-03	2.69e-04	0.0	0.0	-13.07	-0.17	4.02e-03	0.0	-2.18e-03	8.91e-03
		-0.25	-2.18e-03	-3.40e-05	0.0	152.0	-12.75	-0.17	4.02e-03	0.0	3.93e-03	-0.25
20	227	5.61e-05	4.05e-03	0.0	0.0	0.0	-13.12	3.70e-05	1.93e-03	0.0	1.11e-03	0.0
		0.0	1.11e-03	4.45e-06	0.0	152.0	-12.80	3.70e-05	1.93e-03	0.0	4.05e-03	5.61e-05
20	230	1.34e-04	0.01	0.0	0.0	0.0	-35.56	8.86e-05	5.13e-03	0.0	3.03e-03	0.0
		0.0	3.03e-03	1.25e-05	0.0	152.0	-35.24	8.86e-05	5.13e-03	0.0	0.01	1.34e-04
21	25	1.26	0.58	3.52e-03	0.0	0.0	-5.35	-0.83	-0.88	1.48e-05	0.58	1.26
		-2.21e-03	-0.76	-1.10e-04	0.0	152.0	-4.77	-0.83	-0.88	1.48e-05	-0.76	-2.21e-03
21	48	-9.74e-03	-1.60	-2.83e-03	0.0	0.0	-33.18	0.82	-1.12	-4.91e-05	-1.60	-1.26
		-1.26	-3.30	-1.06e-03	0.0	152.0	-32.33	0.82	-1.12	-4.91e-05	-3.30	-9.74e-03
21	56	0.40	-0.95	1.12e-03	0.0	0.0	-35.81	-0.27	-2.87	-2.16e-05	-0.95	0.40
		-0.01	-4.36	8.35e-04	1.26	152.0	-34.96	-0.27	-1.61	-2.16e-05	-4.36	-0.01
21	68	0.67	-0.90	1.41e-03	0.0	0.0	-33.93	-0.45	-3.44	-1.28e-05	-0.90	0.67
		-0.02	-4.54	1.37e-03	2.10	152.0	-33.08	-0.45	-1.34	-1.28e-05	-4.54	-0.02
21	89	5.62e-03	0.95	-9.52e-04	0.0	0.0	-4.95	0.45	1.59	-2.11e-05	0.49	-0.67
		-0.67	-0.29	-1.52e-03	-4.20	152.0	-4.37	0.45	-2.61	-2.11e-05	-0.29	5.62e-03
21	105	3.98	1.99	0.01	0.0	0.0	-18.60	-2.62	-3.23	-5.09e-04	1.99	3.98
		-1.00e-02	-2.93	9.48e-04	0.0	152.0	-17.98	-2.62	-3.23	-5.09e-04	-2.93	-1.00e-02
21	108	-8.43e-04	-0.75	-0.01	0.0	0.0	-17.56	2.62	1.41	4.78e-04	-2.91	-3.98
		-3.98	-2.91	-1.79e-03	0.0	152.0	-16.94	2.62	1.41	4.78e-04	-0.75	-8.43e-04
21	121	1.98	0.89	4.59e-03	0.0	0.0	-19.21	-1.30	-3.36	-1.17e-03	0.89	1.98
		-0.02	-4.21	2.29e-03	0.0	152.0	-18.59	-1.30	-3.36	-1.17e-03	-4.21	-0.02
21	124	4.41e-03	0.53	-3.97e-03	0.0	0.0	-16.95	1.29	1.54	1.14e-03	-1.82	-1.98
		-1.98	-1.82	-3.29e-03	0.0	152.0	-16.33	1.29	1.54	1.14e-03	0.53	4.41e-03
21	137	2.12	0.84	5.84e-03	0.0	0.0	-18.36	-1.40	-2.15	-2.80e-04	0.84	2.12
		-7.86e-03	-2.42	4.91e-04	0.0	152.0	-17.74	-1.40	-2.15	-2.80e-04	-2.42	-7.86e-03
21	140	-2.98e-03	-1.26	-5.22e-03	0.0	0.0	-17.80	1.39	0.33	2.49e-04	-1.77	-2.12
		-2.12	-1.77	-1.20e-03	0.0	152.0	-17.18	1.39	0.33	2.49e-04	-1.26	-2.98e-03
21	153	1.05	0.26	2.60e-03	0.0	0.0	-18.68	-0.69	-2.21	-6.35e-04	0.26	1.05
		-0.01	-3.11	1.12e-03	0.0	152.0	-18.06	-0.69	-2.21	-6.35e-04	-3.11	-0.01
21	156	-1.81e-04	-0.58	-1.98e-03	0.0	0.0	-17.48	0.69	0.40	6.04e-04	-1.18	-1.06
		-1.06	-1.18	-2.00e-03	0.0	152.0	-16.86	0.69	0.40	6.04e-04	-0.58	-1.81e-04
21	167	0.84	0.33	2.38e-03	0.0	0.0	-5.37	-0.55	-0.70	7.74e-06	0.33	0.84
		-2.15e-03	-0.74	-1.39e-04	0.0	152.0	-4.75	-0.55	-0.70	7.74e-06	-0.74	-2.15e-03
21	182	-6.76e-03	-1.09	-1.87e-03	0.0	0.0	-22.81	0.55	-0.79	-3.36e-05	-1.09	-0.84
		-0.84	-2.29	-7.32e-04	0.0	152.0	-22.19	0.55	-0.79	-3.36e-05	-2.29	-6.76e-03
21	186	0.27	-0.66	7.62e-04	0.0	0.0	-24.56	-0.18	-1.96	-1.52e-05	-0.66	0.27
		-0.01	-3.00	5.60e-04	0.84	152.0	-23.94	-0.18	-1.12	-1.52e-05	-3.00	-0.01
21	192	0.45	-0.63	9.52e-04	0.0	0.0	-23.31	-0.30	-2.34	-9.41e-06	-0.63	0.45
		-0.01	-3.12	9.11e-04	1.40	152.0	-22.69	-0.30	-0.94	-9.41e-06	-3.12	-0.01
21	199	3.07e-03	0.51	-5.96e-04	0.0	0.0	-5.11	0.30	0.95	-1.62e-05	0.27	-0.45
		-0.45	-0.42	-1.08e-03	-2.80	152.0	-4.49	0.30	-1.85	-1.62e-05	-0.42	3.07e-03
21	210	-1.98e-03	-0.49	3.31e-04	0.0	0.0	-19.49	-2.50e-03	-0.97	-1.63e-05	-0.49	-1.98e-03
		-5.77e-03	-1.96	-5.65e-04	0.0	152.0	-18.87	-2.50e-03	-0.97	-1.63e-05	-1.96	-5.77e-03
21	211	0.17	-0.07	5.69e-04	0.0	0.0	-5.36	-0.11	-0.41	-3.51e-06	-0.07	0.17
		-2.05e-03	-0.70	-1.86e-04	0.0	152.0	-4.74	-0.11	-0.41	-3.51e-06	-0.70	-2.05e-03
21	218	-5.39e-03	-0.56	-2.65e-04	0.0	0.0	-18.08	0.11	-0.84	-1.82e-05	-0.56	-0.17
		-0.17	-1.83	-5.42e-04	0.0	152.0	-17.46	0.11	-0.84	-1.82e-05	-1.83	-5.39e-03
21	222	0.09	-0.47	4.22e-04	0.0	0.0	-18.18	-0.06	-1.14	-1.34e-05	-0.47	0.09
		-6.32e-03	-2.00	-3.02e-04	0.28	152.0	-17.56	-0.06	-0.86	-1.34e-05	-2.00	-6.32e-03
21	223	-1.01e-03	-0.08	-5.24e-05	0.0	0.0	-5.30	0.06	-0.08	-8.30e-06	-0.08	-0.09
		-0.09	-0.63	-3.74e-04	-0.56	152.0	-4.68	0.06	-0.64	-8.30e-06	-0.63	-1.01e-03
21	227	-6.21e-04	-0.17	1.16e-04	0.0	0.0	-5.35	-9.23e-04	-0.34	-6.33e-06	-0.17	-6.21e-04
		-2.02e-03	-0.69	-1.97e-04	0.0	152.0	-4.73	-9.23e-04	-0.34	-6.33e-06	-0.69	-2.02e-03
21	230	-1.85e-03	-0.46	3.10e-04	0.0	0.0	-18.08	-2.35e-03	-0.91	-1.54e-05	-0.46	-1.85e-03
		-5.42e-03	-1.84	-5.30e-04	0.0	152.0	-17.46	-2.35e-03	-0.91	-1.54e-05	-1.84	-5.42e-03
22	25	0.61	1.84e-03	2.89e-04	0.0	0.0	-5.29	0.75	0.80	-1.98e-05	-1.21	-0.54
		-0.54	-1.21	-3.49e-03	0.0	152.0	-4.71	0.75	0.80	-1.98e-05	1.84e-03	0.61
22	48	3.47	1.22	8.85e-04	0.0	0.0	-33.38	1.26	-0.79	1.54e-05	1.22	1.56
		1.56	0.01	2.80e-03	0.0	152.0	-32.53	1.26	-0.79	1.54e-05	0.01	3.47
22	69	0.29	0.47	1.53e-03	4.22	0.0	-4.97	-1.51	-0.31	0.0	0.47	-0.62
		-1.03	-5.40e-03	3.83e-04	0.0	152.0	-4.39	2.70	-0.31	0.0	-5.40e-03	0.29
22	76	4.38	0.02	-8.38e-04	-1.26	0.0	-35.94	2.83	0.19	-4.99e-06	-0.28	1.03
		1.03	-0.28	-7.78e-04	0.0	152.0	-35.10	1.57	0.19	-4.99e-06	0.02	4.38

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
22	88	4.55	0.02	-1.37e-03	-2.11	0.0	-34.05	3.37	0.32	-5.30e-06	-0.46	1.03
		1.03	-0.46	-8.36e-04	0.0	152.0	-33.21	1.26	0.32	-5.30e-06	0.02	4.55
22	98	2.09	7.53e-03	2.49e-04	0.0	0.0	-18.26	2.56	2.47	5.02e-04	-3.75	-1.78
		-1.78	-3.75	-9.89e-03	0.0	152.0	-17.64	2.56	2.47	5.02e-04	7.53e-03	2.09
22	99	2.71	3.75	8.16e-04	0.0	0.0	-18.04	-0.73	-2.46	-5.06e-04	3.75	2.71
		1.60	3.69e-03	9.27e-03	0.0	152.0	-17.42	-0.73	-2.46	-5.06e-04	3.69e-03	1.60
22	121	0.51	-2.76e-03	2.86e-03	0.0	0.0	-17.20	-0.43	0.13	-1.21e-03	-0.18	0.51
		-0.15	-0.18	-4.12e-03	0.0	152.0	-16.58	-0.43	0.13	-1.21e-03	-2.76e-03	-0.15
22	124	3.84	0.19	-1.89e-03	0.0	0.0	-19.09	2.25	-0.13	1.20e-03	0.19	0.42
		0.42	0.01	3.50e-03	0.0	152.0	-18.47	2.25	-0.13	1.20e-03	0.01	3.84
22	130	1.98	6.63e-03	3.81e-04	0.0	0.0	-18.21	1.79	1.32	2.68e-04	-2.00	-0.73
		-0.73	-2.00	-5.42e-03	0.0	152.0	-17.59	1.79	1.32	2.68e-04	6.63e-03	1.98
22	131	1.72	2.00	6.84e-04	0.0	0.0	-18.09	0.03	-1.31	-2.73e-04	2.00	1.66
		1.66	4.59e-03	4.80e-03	0.0	152.0	-17.47	0.03	-1.31	-2.73e-04	4.59e-03	1.72
22	153	0.78	1.15e-03	1.78e-03	0.0	0.0	-17.64	0.20	0.07	-6.50e-04	-0.10	0.49
		0.49	-0.10	-2.34e-03	0.0	152.0	-17.02	0.20	0.07	-6.50e-04	1.15e-03	0.78
22	156	2.91	0.10	-9.31e-04	0.0	0.0	-18.65	1.63	-0.07	6.45e-04	0.10	0.44
		0.44	0.01	1.72e-03	0.0	152.0	-18.03	1.63	-0.07	6.45e-04	0.01	2.91
22	167	0.64	1.92e-03	2.59e-04	0.0	0.0	-5.34	0.62	0.53	-1.33e-05	-0.81	-0.30
		-0.30	-0.81	-2.36e-03	0.0	152.0	-4.72	0.62	0.53	-1.33e-05	1.92e-03	0.64
22	182	2.40	0.81	6.16e-04	0.0	0.0	-22.94	0.88	-0.53	1.02e-05	0.81	1.06
		1.06	7.31e-03	1.85e-03	0.0	152.0	-22.32	0.88	-0.53	1.02e-05	7.31e-03	2.40
22	189	0.42	0.31	1.08e-03	2.81	0.0	-5.13	-0.89	-0.21	0.0	0.31	-0.35
		-0.56	-2.90e-03	2.17e-04	0.0	152.0	-4.51	1.92	-0.21	0.0	-2.90e-03	0.42
22	196	3.01	0.01	-5.62e-04	-0.84	0.0	-24.65	1.94	0.13	-3.40e-06	-0.18	0.71
		0.71	-0.18	-5.34e-04	0.0	152.0	-24.03	1.09	0.13	-3.40e-06	0.01	3.01
22	202	3.13	0.01	-9.14e-04	-1.41	0.0	-23.39	2.29	0.21	-3.60e-06	-0.31	0.71
		0.71	-0.31	-5.73e-04	0.0	152.0	-22.77	0.89	0.21	-3.60e-06	0.01	3.13
22	210	1.97	5.98e-03	5.67e-04	0.0	0.0	-19.56	0.97	2.18e-03	-2.26e-06	2.66e-03	0.49
		0.49	2.66e-03	-3.30e-04	0.0	152.0	-18.94	0.97	2.18e-03	-2.26e-06	5.98e-03	1.97
22	211	0.68	2.06e-03	2.10e-04	0.0	0.0	-5.36	0.40	0.11	-3.08e-06	-0.16	0.08
		0.08	-0.16	-5.66e-04	0.0	152.0	-4.74	0.40	0.11	-3.08e-06	2.06e-03	0.68
22	218	1.86	0.16	5.20e-04	0.0	0.0	-18.15	0.86	-0.10	0.0	0.16	0.56
		0.56	5.65e-03	2.66e-04	0.0	152.0	-17.53	0.86	-0.10	0.0	5.65e-03	1.86
22	219	0.64	0.06	3.76e-04	0.56	0.0	-5.32	0.09	-0.04	0.0	0.06	0.07
		0.07	1.09e-03	-4.93e-05	0.0	152.0	-4.70	0.66	-0.04	0.0	1.09e-03	0.64
22	226	2.00	6.49e-03	3.03e-04	-0.28	0.0	-18.24	1.14	0.04	-2.27e-06	-0.06	0.49
		0.49	-0.06	-3.46e-04	0.0	152.0	-17.62	0.86	0.04	-2.27e-06	6.49e-03	2.00
22	227	0.69	2.09e-03	1.98e-04	0.0	0.0	-5.37	0.34	8.47e-04	0.0	8.07e-04	0.17
		0.17	8.07e-04	-1.16e-04	0.0	152.0	-4.75	0.34	8.47e-04	0.0	2.09e-03	0.69
22	230	1.85	5.61e-03	5.32e-04	0.0	0.0	-18.15	0.91	2.06e-03	-2.08e-06	2.48e-03	0.46
		0.46	2.48e-03	-3.10e-04	0.0	152.0	-17.53	0.91	2.06e-03	-2.08e-06	5.61e-03	1.85
23	4	0.0	0.0	0.0	0.0	0.0	-71.12	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-70.70	0.0	0.0	0.0	0.0	0.0
23	25	0.09	0.29	-8.30e-05	0.0	0.0	-13.16	0.06	-0.19	0.0	0.29	-6.23e-04
		-6.23e-04	-5.18e-04	3.39e-03	0.0	152.0	-12.83	0.06	-0.19	0.0	-5.18e-04	0.09
23	48	6.23e-04	5.18e-04	8.30e-05	0.0	0.0	-65.46	-0.06	0.19	0.0	-0.29	6.23e-04
		-0.09	-0.29	-3.39e-03	0.0	152.0	-65.04	-0.06	0.19	0.0	5.18e-04	-0.09
23	69	1.91	0.02	-2.02e-03	0.0	0.0	-12.80	1.30	-0.02	0.0	0.02	-0.06
		-0.06	-0.01	2.76e-04	0.0	152.0	-12.48	1.30	-0.02	0.0	-0.01	1.91
23	88	0.06	0.01	2.02e-03	0.0	0.0	-65.11	-1.30	0.02	0.0	-0.02	0.06
		-1.91	-0.02	-2.76e-04	0.0	152.0	-64.69	-1.30	0.02	0.0	0.01	-1.91
23	97	1.04	0.84	-9.63e-04	0.0	0.0	-35.67	0.68	-0.55	-2.90e-05	0.84	-1.44e-03
		-1.44e-03	-5.44e-03	9.95e-03	0.0	152.0	-35.35	0.68	-0.55	-2.90e-05	-5.44e-03	1.04
23	100	1.44e-03	5.44e-03	9.63e-04	0.0	0.0	-35.68	-0.68	0.55	2.90e-05	-0.84	1.44e-03
		-1.04	-0.84	-9.95e-03	0.0	152.0	-35.35	-0.68	0.55	2.90e-05	5.44e-03	-1.04
23	109	2.31	0.29	-2.14e-03	0.0	0.0	-35.67	1.52	-0.19	4.05e-04	0.29	1.40e-03
		1.40e-03	-0.01	3.43e-03	0.0	152.0	-35.35	1.52	-0.19	4.05e-04	-0.01	2.31
23	112	-1.40e-03	0.01	2.14e-03	0.0	0.0	-35.68	-1.52	0.19	-4.05e-04	-0.29	-1.40e-03
		-2.31	-0.29	-3.43e-03	0.0	152.0	-35.36	-1.52	0.19	-4.05e-04	0.01	-2.31
23	113	2.31	0.29	-2.14e-03	0.0	0.0	-35.67	1.52	-0.19	3.54e-04	0.29	1.40e-03
		1.40e-03	-0.01	3.43e-03	0.0	152.0	-35.35	1.52	-0.19	3.54e-04	-0.01	2.31
23	116	-1.40e-03	0.01	2.14e-03	0.0	0.0	-35.68	-1.52	0.19	-3.54e-04	-0.29	-1.40e-03
		-2.31	-0.29	-3.43e-03	0.0	152.0	-35.36	-1.52	0.19	-3.54e-04	0.01	-2.31
23	129	0.55	0.45	-5.14e-04	0.0	0.0	-35.67	0.36	-0.29	-1.60e-05	0.45	-7.42e-04
		-7.42e-04	-2.90e-03	5.30e-03	0.0	152.0	-35.35	0.36	-0.29	-1.60e-05	-2.90e-03	0.55
23	132	7.42e-04	2.90e-03	5.14e-04	0.0	0.0	-35.67	-0.36	0.29	1.59e-05	-0.45	7.42e-04
		-0.55	-0.45	-5.30e-03	0.0	152.0	-35.35	-0.36	0.29	1.59e-05	2.90e-03	-0.55

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
23	141	1.23	0.15	-1.14e-03	0.0	0.0	-35.67	0.81	-0.10	2.18e-04	0.15	8.26e-04
		8.26e-04	-6.38e-03	1.83e-03	0.0	152.0	-35.35	0.81	-0.10	2.18e-04	-6.38e-03	1.23
23	144	-8.26e-04	6.38e-03	1.14e-03	0.0	0.0	-35.68	-0.81	0.10	-2.18e-04	-0.15	-8.26e-04
		-1.23	-0.15	-1.83e-03	0.0	152.0	-35.35	-0.81	0.10	-2.18e-04	6.38e-03	-1.23
23	145	1.23	0.15	-1.14e-03	0.0	0.0	-35.67	0.81	-0.10	1.91e-04	0.15	8.26e-04
		8.26e-04	-6.38e-03	1.83e-03	0.0	152.0	-35.35	0.81	-0.10	1.91e-04	-6.38e-03	1.23
23	148	-8.26e-04	6.38e-03	1.14e-03	0.0	0.0	-35.68	-0.81	0.10	-1.91e-04	-0.15	-8.26e-04
		-1.23	-0.15	-1.83e-03	0.0	152.0	-35.35	-0.81	0.10	-1.91e-04	6.38e-03	-1.23
23	160	0.0	0.0	0.0	0.0	0.0	-49.17	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-48.85	0.0	0.0	0.0	0.0	0.0
23	167	0.06	0.19	-5.54e-05	0.0	0.0	-13.16	0.04	-0.13	0.0	0.19	-4.15e-04
		-4.15e-04	-3.46e-04	2.26e-03	0.0	152.0	-12.83	0.04	-0.13	0.0	-3.46e-04	0.06
23	182	4.15e-04	3.46e-04	5.54e-05	0.0	0.0	-45.39	-0.04	0.13	0.0	-0.19	4.15e-04
		-0.06	-0.19	-2.26e-03	0.0	152.0	-45.07	-0.04	0.13	0.0	3.46e-04	-0.06
23	189	1.27	0.01	-1.35e-03	0.0	0.0	-12.92	0.87	-0.02	0.0	0.01	-0.04
		-0.04	-9.38e-03	1.84e-04	0.0	152.0	-12.60	0.87	-0.02	0.0	-9.38e-03	1.27
23	202	0.04	9.38e-03	1.35e-03	0.0	0.0	-45.16	-0.87	0.02	0.0	-0.01	0.04
		-1.27	-0.01	-1.84e-04	0.0	152.0	-44.84	-0.87	0.02	0.0	9.38e-03	-1.27
23	206	0.0	0.0	0.0	0.0	0.0	-38.19	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-37.87	0.0	0.0	0.0	0.0	0.0
23	211	0.01	0.04	-1.11e-05	0.0	0.0	-13.16	7.90e-03	-0.03	0.0	0.04	-8.30e-05
		-8.30e-05	-6.91e-05	4.52e-04	0.0	152.0	-12.83	7.90e-03	-0.03	0.0	-6.91e-05	0.01
23	218	8.30e-05	6.91e-05	1.11e-05	0.0	0.0	-35.67	-7.90e-03	0.03	0.0	-0.04	8.30e-05
		-0.01	-0.04	-4.52e-04	0.0	152.0	-35.35	-7.90e-03	0.03	0.0	6.91e-05	-0.01
23	219	0.25	2.80e-03	-2.70e-04	0.0	0.0	-13.11	0.17	-3.07e-03	0.0	2.80e-03	-8.46e-03
		-8.46e-03	-1.88e-03	3.69e-05	0.0	152.0	-12.79	0.17	-3.07e-03	0.0	-1.88e-03	0.25
23	226	8.46e-03	1.88e-03	2.70e-04	0.0	0.0	-35.63	-0.17	3.07e-03	0.0	-2.80e-03	8.46e-03
		-0.25	-2.80e-03	-3.69e-05	0.0	152.0	-35.31	-0.17	3.07e-03	0.0	1.88e-03	-0.25
23	227	0.0	0.0	0.0	0.0	0.0	-13.16	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-12.83	0.0	0.0	0.0	0.0	0.0
23	230	0.0	0.0	0.0	0.0	0.0	-35.67	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	152.0	-35.35	0.0	0.0	0.0	0.0	0.0
24	24	3.47	1.22	8.85e-04	0.0	0.0	-33.38	1.26	-0.79	1.54e-05	1.22	1.56
		1.56	0.01	2.80e-03	0.0	152.0	-32.53	1.26	-0.79	1.54e-05	0.01	3.47
24	49	0.61	1.84e-03	2.89e-04	0.0	0.0	-5.29	0.75	0.80	-1.98e-05	-1.21	-0.54
		-0.54	-1.21	-3.49e-03	0.0	152.0	-4.71	0.75	0.80	-1.98e-05	1.84e-03	0.61
24	56	4.38	0.02	-8.38e-04	-1.26	0.0	-35.94	2.83	0.19	-4.99e-06	-0.28	1.03
		1.03	-0.28	-7.78e-04	0.0	152.0	-35.10	1.57	0.19	-4.99e-06	0.02	4.38
24	68	4.55	0.02	-1.37e-03	-2.11	0.0	-34.05	3.37	0.32	-5.30e-06	-0.46	1.03
		1.03	-0.46	-8.36e-04	0.0	152.0	-33.21	1.26	0.32	-5.30e-06	0.02	4.55
24	89	0.29	0.47	1.53e-03	4.22	0.0	-4.97	-1.51	-0.31	0.0	0.47	-0.62
		-1.03	-5.40e-03	3.83e-04	0.0	152.0	-4.39	2.70	-0.31	0.0	-5.40e-03	0.29
24	102	2.71	3.75	8.16e-04	0.0	0.0	-18.04	-0.73	-2.46	-5.06e-04	3.75	2.71
		1.60	3.69e-03	9.27e-03	0.0	152.0	-17.42	-0.73	-2.46	-5.06e-04	3.69e-03	1.60
24	103	2.09	7.53e-03	2.49e-04	0.0	0.0	-18.26	2.56	2.47	5.02e-04	-3.75	-1.78
		-1.78	-3.75	-9.89e-03	0.0	152.0	-17.64	2.56	2.47	5.02e-04	7.53e-03	2.09
24	109	3.84	0.19	-1.89e-03	0.0	0.0	-19.09	2.25	-0.13	1.20e-03	0.19	0.42
		0.42	0.01	3.50e-03	0.0	152.0	-18.47	2.25	-0.13	1.20e-03	0.01	3.84
24	112	0.51	-2.76e-03	2.86e-03	0.0	0.0	-17.20	-0.43	0.13	-1.21e-03	-0.18	0.51
		-0.15	-0.18	-4.12e-03	0.0	152.0	-16.58	-0.43	0.13	-1.21e-03	-2.76e-03	-0.15
24	134	1.72	2.00	6.84e-04	0.0	0.0	-18.09	0.03	-1.31	-2.73e-04	2.00	1.66
		1.66	4.59e-03	4.80e-03	0.0	152.0	-17.47	0.03	-1.31	-2.73e-04	4.59e-03	1.72
24	135	1.98	6.63e-03	3.81e-04	0.0	0.0	-18.21	1.79	1.32	2.68e-04	-2.00	-0.73
		-0.73	-2.00	-5.42e-03	0.0	152.0	-17.59	1.79	1.32	2.68e-04	6.63e-03	1.98
24	141	2.91	0.10	-9.31e-04	0.0	0.0	-18.65	1.63	-0.07	6.45e-04	0.10	0.44
		0.44	0.01	1.72e-03	0.0	152.0	-18.03	1.63	-0.07	6.45e-04	0.01	2.91
24	144	0.78	1.15e-03	1.78e-03	0.0	0.0	-17.64	0.20	0.07	-6.50e-04	-0.10	0.49
		0.49	-0.10	-2.34e-03	0.0	152.0	-17.02	0.20	0.07	-6.50e-04	1.15e-03	0.78
24	170	2.40	0.81	6.16e-04	0.0	0.0	-22.94	0.88	-0.53	1.02e-05	0.81	1.06
		1.06	7.31e-03	1.85e-03	0.0	152.0	-22.32	0.88	-0.53	1.02e-05	7.31e-03	2.40
24	179	0.64	1.92e-03	2.59e-04	0.0	0.0	-5.34	0.62	0.53	-1.33e-05	-0.81	-0.30
		-0.30	-0.81	-2.36e-03	0.0	152.0	-4.72	0.62	0.53	-1.33e-05	1.92e-03	0.64
24	186	3.01	0.01	-5.62e-04	-0.84	0.0	-24.65	1.94	0.13	-3.40e-06	-0.18	0.71
		0.71	-0.18	-5.34e-04	0.0	152.0	-24.03	1.09	0.13	-3.40e-06	0.01	3.01
24	192	3.13	0.01	-9.14e-04	-1.41	0.0	-23.39	2.29	0.21	-3.61e-06	-0.31	0.71
		0.71	-0.31	-5.73e-04	0.0	152.0	-22.77	0.89	0.21	-3.61e-06	0.01	3.13
24	199	0.42	0.31	1.08e-03	2.81	0.0	-5.13	-0.89	-0.21	0.0	0.31	-0.35
		-0.56	-2.90e-03	2.17e-04	0.0	152.0	-4.51	1.92	-0.21	0.0	-2.90e-03	0.42

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
24	210	1.97	5.98e-03	5.67e-04	0.0	0.0	-19.56	0.97	2.18e-03	-2.26e-06	2.66e-03	0.49
		0.49	2.66e-03	-3.30e-04	0.0	152.0	-18.94	0.97	2.18e-03	-2.26e-06	5.98e-03	1.97
24	214	1.86	0.16	5.20e-04	0.0	0.0	-18.15	0.86	-0.10	0.0	0.16	0.56
		0.56	5.65e-03	2.66e-04	0.0	152.0	-17.53	0.86	-0.10	0.0	5.65e-03	1.86
24	215	0.68	2.06e-03	2.10e-04	0.0	0.0	-5.36	0.40	0.11	-3.08e-06	-0.16	0.08
		0.08	-0.16	-5.66e-04	0.0	152.0	-4.74	0.40	0.11	-3.08e-06	2.06e-03	0.68
24	222	2.00	6.49e-03	3.03e-04	-0.28	0.0	-18.24	1.14	0.04	-2.27e-06	-0.06	0.49
		0.49	-0.06	-3.46e-04	0.0	152.0	-17.62	0.86	0.04	-2.27e-06	6.49e-03	2.00
24	223	0.64	0.06	3.76e-04	0.56	0.0	-5.32	0.09	-0.04	0.0	0.06	0.07
		0.07	1.09e-03	-4.93e-05	0.0	152.0	-4.70	0.66	-0.04	0.0	1.09e-03	0.64
24	227	0.69	2.09e-03	1.98e-04	0.0	0.0	-5.37	0.34	8.47e-04	0.0	8.07e-04	0.17
		0.17	8.07e-04	-1.16e-04	0.0	152.0	-4.75	0.34	8.47e-04	0.0	2.09e-03	0.69
24	230	1.85	5.61e-03	5.32e-04	0.0	0.0	-18.15	0.91	2.06e-03	-2.08e-06	2.48e-03	0.46
		0.46	2.48e-03	-3.10e-04	0.0	152.0	-17.53	0.91	2.06e-03	-2.08e-06	5.61e-03	1.85
25	24	-9.74e-03	-1.60	-2.83e-03	0.0	0.0	-33.18	0.82	-1.12	-4.91e-05	-1.60	-1.26
		-1.26	-3.30	-1.06e-03	0.0	152.0	-32.33	0.82	-1.12	-4.91e-05	-3.30	-9.74e-03
25	49	1.26	0.58	3.52e-03	0.0	0.0	-5.35	-0.83	-0.88	1.48e-05	0.58	1.26
		-2.21e-03	-0.76	-1.10e-04	0.0	152.0	-4.77	-0.83	-0.88	1.48e-05	-0.76	-2.21e-03
25	69	5.62e-03	0.95	-9.52e-04	0.0	0.0	-4.95	0.45	1.59	-2.11e-05	0.49	-0.67
		-0.67	-0.29	-1.52e-03	-4.20	152.0	-4.37	0.45	-2.61	-2.11e-05	-0.29	5.62e-03
25	76	0.40	-0.95	1.12e-03	0.0	0.0	-35.81	-0.27	-2.87	-2.16e-05	-0.95	0.40
		-0.01	-4.36	8.35e-04	1.26	152.0	-34.96	-0.27	-1.61	-2.16e-05	-4.36	-0.01
25	88	0.67	-0.90	1.41e-03	0.0	0.0	-33.93	-0.45	-3.44	-1.28e-05	-0.90	0.67
		-0.02	-4.54	1.37e-03	2.10	152.0	-33.08	-0.45	-1.34	-1.28e-05	-4.54	-0.02
25	93	-8.43e-04	-0.75	-0.01	0.0	0.0	-17.56	2.62	1.41	4.78e-04	-2.91	-3.98
		-3.98	-2.91	-1.79e-03	0.0	152.0	-16.94	2.62	1.41	4.78e-04	-0.75	-8.43e-04
25	96	3.98	1.99	0.01	0.0	0.0	-18.60	-2.62	-3.23	-5.09e-04	1.99	3.98
		-1.00e-02	-2.93	9.48e-04	0.0	152.0	-17.98	-2.62	-3.23	-5.09e-04	-2.93	-1.00e-02
25	109	4.41e-03	0.53	-3.97e-03	0.0	0.0	-16.95	1.29	1.54	1.14e-03	-1.82	-1.98
		-1.98	-1.82	-3.29e-03	0.0	152.0	-16.33	1.29	1.54	1.14e-03	0.53	4.41e-03
25	112	1.98	0.89	4.59e-03	0.0	0.0	-19.21	-1.30	-3.36	-1.17e-03	0.89	1.98
		-0.02	-4.21	2.29e-03	0.0	152.0	-18.59	-1.30	-3.36	-1.17e-03	-4.21	-0.02
25	125	-2.98e-03	-1.26	-5.22e-03	0.0	0.0	-17.80	1.39	0.33	2.49e-04	-1.77	-2.12
		-2.12	-1.77	-1.20e-03	0.0	152.0	-17.18	1.39	0.33	2.49e-04	-1.26	-2.98e-03
25	128	2.12	0.84	5.84e-03	0.0	0.0	-18.36	-1.40	-2.15	-2.80e-04	0.84	2.12
		-7.86e-03	-2.42	4.91e-04	0.0	152.0	-17.74	-1.40	-2.15	-2.80e-04	-2.42	-7.86e-03
25	141	-1.81e-04	-0.58	-1.98e-03	0.0	0.0	-17.48	0.69	0.40	6.04e-04	-1.18	-1.06
		-1.06	-1.18	-2.00e-03	0.0	152.0	-16.86	0.69	0.40	6.04e-04	-0.58	-1.81e-04
25	144	1.05	0.26	2.60e-03	0.0	0.0	-18.68	-0.69	-2.21	-6.35e-04	0.26	1.05
		-0.01	-3.11	1.12e-03	0.0	152.0	-18.06	-0.69	-2.21	-6.35e-04	-3.11	-0.01
25	170	-6.76e-03	-1.09	-1.87e-03	0.0	0.0	-22.81	0.55	-0.79	-3.36e-05	-1.09	-0.84
		-0.84	-2.29	-7.32e-04	0.0	152.0	-22.19	0.55	-0.79	-3.36e-05	-2.29	-6.76e-03
25	179	0.84	0.33	2.38e-03	0.0	0.0	-5.37	-0.55	-0.70	7.74e-06	0.33	0.84
		-2.15e-03	-0.74	-1.39e-04	0.0	152.0	-4.75	-0.55	-0.70	7.74e-06	-0.74	-2.15e-03
25	189	3.07e-03	0.51	-5.96e-04	0.0	0.0	-5.11	0.30	0.95	-1.62e-05	0.27	-0.45
		-0.45	-0.42	-1.08e-03	-2.80	152.0	-4.49	0.30	-1.85	-1.62e-05	-0.42	3.07e-03
25	196	0.27	-0.66	7.62e-04	0.0	0.0	-24.56	-0.18	-1.96	-1.52e-05	-0.66	0.27
		-0.01	-3.00	5.60e-04	0.84	152.0	-23.94	-0.18	-1.12	-1.52e-05	-3.00	-0.01
25	202	0.45	-0.63	9.52e-04	0.0	0.0	-23.31	-0.30	-2.34	-9.41e-06	-0.63	0.45
		-0.01	-3.12	9.11e-04	1.40	152.0	-22.69	-0.30	-0.94	-9.41e-06	-3.12	-0.01
25	210	-1.98e-03	-0.49	3.31e-04	0.0	0.0	-19.49	-2.50e-03	-0.97	-1.63e-05	-0.49	-1.98e-03
		-5.77e-03	-1.96	-5.65e-04	0.0	152.0	-18.87	-2.50e-03	-0.97	-1.63e-05	-1.96	-5.77e-03
25	214	-5.39e-03	-0.56	-2.65e-04	0.0	0.0	-18.08	0.11	-0.84	-1.82e-05	-0.56	-0.17
		-0.17	-1.83	-5.42e-04	0.0	152.0	-17.46	0.11	-0.84	-1.82e-05	-1.83	-5.39e-03
25	215	0.17	-0.07	5.69e-04	0.0	0.0	-5.36	-0.11	-0.41	-3.51e-06	-0.07	0.17
		-2.05e-03	-0.70	-1.86e-04	0.0	152.0	-4.74	-0.11	-0.41	-3.51e-06	-0.70	-2.05e-03
25	219	-1.01e-03	-0.08	-5.24e-05	0.0	0.0	-5.30	0.06	-0.08	-8.30e-06	-0.08	-0.09
		-0.09	-0.63	-3.74e-04	-0.56	152.0	-4.68	0.06	-0.64	-8.30e-06	-0.63	-1.01e-03
25	226	0.09	-0.47	4.22e-04	0.0	0.0	-18.18	-0.06	-1.14	-1.34e-05	-0.47	0.09
		-6.32e-03	-2.00	-3.02e-04	0.28	152.0	-17.56	-0.06	-0.86	-1.34e-05	-2.00	-6.32e-03
25	227	-6.21e-04	-0.17	1.16e-04	0.0	0.0	-5.35	-9.23e-04	-0.34	-6.33e-06	-0.17	-6.21e-04
		-2.02e-03	-0.69	-1.97e-04	0.0	152.0	-4.73	-9.23e-04	-0.34	-6.33e-06	-0.69	-2.02e-03
25	230	-1.85e-03	-0.46	3.10e-04	0.0	0.0	-18.08	-2.35e-03	-0.91	-1.54e-05	-0.46	-1.85e-03
		-5.42e-03	-1.84	-5.30e-04	0.0	152.0	-17.46	-2.35e-03	-0.91	-1.54e-05	-1.84	-5.42e-03
26	25	0.09	0.29	-8.05e-05	0.0	0.0	-13.12	0.06	-0.19	0.0	0.29	-7.85e-04
		-7.85e-04	-4.11e-03	3.39e-03	0.0	152.0	-12.79	0.06	-0.19	0.0	-4.11e-03	0.09
26	36	4.72e-04	-0.02	4.86e-05	0.0	0.0	-70.89	-0.03	0.10	0.0	-0.18	4.72e-04
		-0.05	-0.18	-2.06e-03	0.0	152.0	-70.47	-0.03	0.10	0.0	-0.02	-0.05

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
26	48	7.86e-04	-0.02	8.08e-05	0.0	0.0	-65.25	-0.06	0.18	0.0	-0.29	7.86e-04
		-0.09	-0.29	-3.42e-03	0.0	152.0	-64.83	-0.06	0.18	0.0	-0.02	-0.09
26	69	1.89	0.02	-2.02e-03	0.0	0.0	-12.77	1.29	-0.02	-2.13e-06	0.02	-0.07
		-0.07	-3.15e-03	2.84e-04	0.0	152.0	-12.44	1.29	-0.02	-2.13e-06	-3.15e-03	1.89
26	88	0.07	-0.02	2.02e-03	0.0	0.0	-64.89	-1.29	7.14e-03	2.11e-06	-0.03	0.07
		-1.89	-0.03	-3.10e-04	0.0	152.0	-64.48	-1.29	7.14e-03	2.11e-06	-0.02	-1.89
26	97	1.01	0.83	-9.44e-04	0.0	0.0	-35.57	0.67	-0.56	-3.00e-05	0.83	-2.21e-03
		-2.21e-03	-0.01	9.93e-03	0.0	152.0	-35.25	0.67	-0.56	-3.00e-05	-0.01	1.01
26	100	2.21e-03	-0.01	9.44e-04	0.0	0.0	-35.55	-0.67	0.54	2.99e-05	-0.84	2.21e-03
		-1.01	-0.84	-9.96e-03	0.0	152.0	-35.23	-0.67	0.54	2.99e-05	-0.01	-1.01
26	102	-2.97e-03	0.81	4.62e-04	0.0	0.0	-35.57	-0.32	-0.54	-1.99e-04	0.81	-2.97e-03
		-0.49	-0.01	9.64e-03	0.0	152.0	-35.25	-0.32	-0.54	-1.99e-04	-0.01	-0.49
26	103	0.49	-0.01	-4.62e-04	0.0	0.0	-35.55	0.32	0.53	1.99e-04	-0.81	2.97e-03
		2.97e-03	-0.81	-9.67e-03	0.0	152.0	-35.23	0.32	0.53	1.99e-04	-0.01	0.49
26	109	2.70	0.28	-2.54e-03	0.0	0.0	-35.56	1.78	-0.19	4.04e-04	0.28	3.51e-03
		3.51e-03	-0.01	3.42e-03	0.0	152.0	-35.24	1.78	-0.19	4.04e-04	-0.01	2.70
26	112	-3.51e-03	-0.01	2.54e-03	0.0	0.0	-35.56	-1.78	0.18	-4.04e-04	-0.29	-3.51e-03
		-2.70	-0.29	-3.44e-03	0.0	152.0	-35.24	-1.78	0.18	-4.04e-04	-0.01	-2.70
26	129	0.54	0.44	-5.04e-04	0.0	0.0	-35.56	0.36	-0.30	-1.65e-05	0.44	-1.17e-03
		-1.17e-03	-0.01	5.29e-03	0.0	152.0	-35.24	0.36	-0.30	-1.65e-05	-0.01	0.54
26	132	1.17e-03	-0.01	5.04e-04	0.0	0.0	-35.56	-0.36	0.29	1.64e-05	-0.45	1.17e-03
		-0.54	-0.45	-5.32e-03	0.0	152.0	-35.24	-0.36	0.29	1.64e-05	-0.01	-0.54
26	134	-1.59e-03	0.43	2.46e-04	0.0	0.0	-35.56	-0.17	-0.29	-1.07e-04	0.43	-1.59e-03
		-0.26	-0.01	5.14e-03	0.0	152.0	-35.24	-0.17	-0.29	-1.07e-04	-0.01	-0.26
26	135	0.26	-0.01	-2.46e-04	0.0	0.0	-35.56	0.17	0.28	1.07e-04	-0.44	1.59e-03
		1.59e-03	-0.44	-5.16e-03	0.0	152.0	-35.24	0.17	0.28	1.07e-04	-0.01	0.26
26	141	1.44	0.15	-1.35e-03	0.0	0.0	-35.56	0.95	-0.11	2.17e-04	0.15	1.90e-03
		1.90e-03	-0.01	1.82e-03	0.0	152.0	-35.24	0.95	-0.11	2.17e-04	-0.01	1.44
26	144	-1.89e-03	-0.01	1.35e-03	0.0	0.0	-35.56	-0.95	0.10	-2.17e-04	-0.16	-1.89e-03
		-1.44	-0.16	-1.84e-03	0.0	152.0	-35.24	-0.95	0.10	-2.17e-04	-0.01	-1.44
26	167	0.06	0.19	-5.36e-05	0.0	0.0	-13.12	0.04	-0.13	0.0	0.19	-5.23e-04
		-5.23e-04	-4.09e-03	2.26e-03	0.0	152.0	-12.80	0.04	-0.13	0.0	-4.09e-03	0.06
26	176	3.15e-04	-0.01	3.24e-05	0.0	0.0	-49.01	-0.02	0.07	0.0	-0.12	3.15e-04
		-0.03	-0.12	-1.38e-03	0.0	152.0	-48.69	-0.02	0.07	0.0	-0.01	-0.03
26	182	5.24e-04	-0.01	5.38e-05	0.0	0.0	-45.25	-0.04	0.12	0.0	-0.20	5.24e-04
		-0.06	-0.20	-2.28e-03	0.0	152.0	-44.93	-0.04	0.12	0.0	-0.01	-0.06
26	189	1.26	0.02	-1.35e-03	0.0	0.0	-12.88	0.86	-0.01	-1.43e-06	0.02	-0.04
		-0.04	-3.45e-03	1.88e-04	0.0	152.0	-12.56	0.86	-0.01	-1.43e-06	-3.45e-03	1.26
26	202	0.04	-0.01	1.35e-03	0.0	0.0	-45.01	-0.86	4.50e-03	1.40e-06	-0.02	0.04
		-1.26	-0.02	-2.07e-04	0.0	152.0	-44.69	-0.86	4.50e-03	1.40e-06	-0.01	-1.26
26	206	0.0	-3.24e-03	0.0	0.0	0.0	-38.07	-9.54e-05	-5.50e-03	0.0	-3.24e-03	0.0
		-1.44e-04	-0.01	-1.33e-05	0.0	152.0	-37.75	-9.54e-05	-5.50e-03	0.0	-0.01	-1.44e-04
26	211	0.01	0.04	-1.07e-05	0.0	0.0	-13.12	7.55e-03	-0.03	0.0	0.04	-1.05e-04
		-1.05e-04	-4.06e-03	4.48e-04	0.0	152.0	-12.80	7.55e-03	-0.03	0.0	-4.06e-03	0.01
26	218	1.05e-04	-0.01	1.09e-05	0.0	0.0	-35.56	-7.68e-03	0.02	0.0	-0.04	1.05e-04
		-0.01	-0.04	-4.65e-04	0.0	152.0	-35.24	-7.68e-03	0.02	0.0	-0.01	-0.01
26	219	0.25	2.18e-03	-2.69e-04	0.0	0.0	-13.07	0.17	-4.02e-03	0.0	2.18e-03	-8.91e-03
		-8.91e-03	-3.93e-03	3.40e-05	0.0	152.0	-12.75	0.17	-4.02e-03	0.0	-3.93e-03	0.25
26	226	8.91e-03	-6.26e-03	2.69e-04	0.0	0.0	-35.51	-0.17	-2.93e-03	0.0	-6.26e-03	8.91e-03
		-0.25	-0.01	-5.07e-05	0.0	152.0	-35.19	-0.17	-2.93e-03	0.0	-0.01	-0.25
26	227	0.0	-1.11e-03	0.0	0.0	0.0	-13.12	-3.70e-05	-1.93e-03	0.0	-1.11e-03	0.0
		-5.61e-05	-4.05e-03	-4.45e-06	0.0	152.0	-12.80	-3.70e-05	-1.93e-03	0.0	-4.05e-03	-5.61e-05
26	230	0.0	-3.03e-03	0.0	0.0	0.0	-35.56	-8.86e-05	-5.13e-03	0.0	-3.03e-03	0.0
		-1.34e-04	-0.01	-1.25e-05	0.0	152.0	-35.24	-8.86e-05	-5.13e-03	0.0	-0.01	-1.34e-04
27	24	3.45	1.22	8.84e-04	0.0	0.0	-33.25	1.25	-0.79	3.76e-05	1.22	1.56
		1.56	0.01	2.81e-03	0.0	152.0	-32.41	1.25	-0.79	3.76e-05	0.01	3.45
27	49	0.61	1.76e-03	2.85e-04	0.0	0.0	-5.27	0.76	0.80	-1.19e-05	-1.21	-0.54
		-0.54	-1.21	-3.49e-03	0.0	152.0	-4.69	0.76	0.80	-1.19e-05	1.76e-03	0.61
27	56	4.36	0.01	-8.35e-04	-1.26	0.0	-35.81	2.82	0.19	1.38e-05	-0.27	1.03
		1.03	-0.27	-7.72e-04	0.0	152.0	-34.96	1.56	0.19	1.38e-05	0.01	4.36
27	68	4.54	0.02	-1.37e-03	-2.10	0.0	-33.93	3.36	0.31	5.87e-06	-0.46	1.03
		1.03	-0.46	-8.28e-04	0.0	152.0	-33.08	1.26	0.31	5.87e-06	0.02	4.54
27	89	0.29	0.46	1.52e-03	4.20	0.0	-4.95	-1.51	-0.31	1.94e-05	0.46	-0.62
		-1.03	-5.62e-03	3.76e-04	0.0	152.0	-4.37	2.69	-0.31	1.94e-05	-5.62e-03	0.29
27	102	2.76	3.82	1.04e-03	0.0	0.0	-17.88	-0.90	-2.51	-4.93e-04	3.82	2.76
		1.40	2.86e-03	9.29e-03	0.0	152.0	-17.25	-0.90	-2.51	-4.93e-04	2.86e-03	1.40
27	103	2.28	7.98e-03	-3.72e-04	0.0	0.0	-18.29	2.72	2.51	5.15e-04	-3.81	-1.83
		-1.83	-3.81	-9.90e-03	0.0	152.0	-17.67	2.72	2.51	5.15e-04	7.98e-03	2.28

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
27	109	4.21	0.07	-2.29e-03	0.0	0.0	-19.21	2.56	-0.05	1.20e-03	0.07	0.32
		0.32	0.02	3.49e-03	0.0	152.0	-18.59	2.56	-0.05	1.20e-03	0.02	4.21
27	112	0.60	-4.43e-03	3.29e-03	0.0	0.0	-16.95	-0.74	0.05	-1.18e-03	-0.06	0.60
		-0.53	-0.06	-4.11e-03	0.0	152.0	-16.33	-0.74	0.05	-1.18e-03	-4.43e-03	-0.53
27	134	1.69	2.04	8.00e-04	0.0	0.0	-17.97	-0.06	-1.34	-2.59e-04	2.04	1.69
		1.61	4.05e-03	4.81e-03	0.0	152.0	-17.35	-0.06	-1.34	-2.59e-04	4.05e-03	1.61
27	135	2.07	6.78e-03	2.61e-04	0.0	0.0	-18.19	1.87	1.34	2.82e-04	-2.03	-0.76
		-0.76	-2.03	-5.43e-03	0.0	152.0	-17.57	1.87	1.34	2.82e-04	6.78e-03	2.07
27	141	3.10	0.04	-1.12e-03	0.0	0.0	-18.68	1.79	-0.02	6.52e-04	0.04	0.39
		0.39	0.01	1.72e-03	0.0	152.0	-18.06	1.79	-0.02	6.52e-04	0.01	3.10
27	144	0.58	1.67e-04	2.00e-03	0.0	0.0	-17.48	0.03	0.03	-6.29e-04	-0.03	0.54
		0.54	-0.03	-2.34e-03	0.0	152.0	-16.86	0.03	0.03	-6.29e-04	1.67e-04	0.58
27	170	2.39	0.81	6.16e-04	0.0	0.0	-22.85	0.88	-0.53	2.57e-05	0.81	1.06
		1.06	7.06e-03	1.86e-03	0.0	152.0	-22.23	0.88	-0.53	2.57e-05	7.06e-03	2.39
27	179	0.64	1.85e-03	2.56e-04	0.0	0.0	-5.33	0.62	0.53	-6.18e-06	-0.81	-0.30
		-0.30	-0.81	-2.37e-03	0.0	152.0	-4.71	0.62	0.53	-6.18e-06	1.85e-03	0.64
27	186	3.00	0.01	-5.60e-04	-0.84	0.0	-24.56	1.93	0.13	9.91e-06	-0.18	0.71
		0.71	-0.18	-5.30e-04	0.0	152.0	-23.94	1.09	0.13	9.91e-06	0.01	3.00
27	192	3.12	0.01	-9.11e-04	-1.40	0.0	-23.31	2.28	0.21	4.62e-06	-0.31	0.71
		0.71	-0.31	-5.67e-04	0.0	152.0	-22.69	0.88	0.21	4.62e-06	0.01	3.12
27	199	0.42	0.31	1.08e-03	2.80	0.0	-5.11	-0.89	-0.21	1.47e-05	0.31	-0.35
		-0.56	-3.07e-03	2.12e-04	0.0	152.0	-4.49	1.91	-0.21	1.47e-05	-3.07e-03	0.42
27	210	1.96	5.77e-03	5.65e-04	0.0	0.0	-19.49	0.97	2.15e-03	1.19e-05	2.50e-03	0.49
		0.49	2.50e-03	-3.29e-04	0.0	152.0	-18.87	0.97	2.15e-03	1.19e-05	5.77e-03	1.96
27	214	1.85	0.16	5.19e-04	0.0	0.0	-18.09	0.85	-0.10	1.36e-05	0.16	0.56
		0.56	5.45e-03	2.66e-04	0.0	152.0	-17.47	0.85	-0.10	1.36e-05	5.45e-03	1.85
27	215	0.68	1.99e-03	2.09e-04	0.0	0.0	-5.35	0.39	0.11	3.00e-06	-0.16	0.08
		0.08	-0.16	-5.66e-04	0.0	152.0	-4.73	0.39	0.11	3.00e-06	1.99e-03	0.68
27	222	2.00	6.32e-03	3.02e-04	-0.28	0.0	-18.18	1.13	0.04	9.36e-06	-0.06	0.49
		0.49	-0.06	-3.44e-04	0.0	152.0	-17.56	0.85	0.04	9.36e-06	6.32e-03	2.00
27	223	0.63	0.06	3.74e-04	0.56	0.0	-5.30	0.09	-0.04	7.18e-06	0.06	0.07
		0.07	1.00e-03	-4.99e-05	0.0	152.0	-4.68	0.65	-0.04	7.18e-06	1.00e-03	0.63
27	227	0.69	2.02e-03	1.98e-04	0.0	0.0	-5.35	0.34	8.24e-04	5.30e-06	7.70e-04	0.17
		0.17	7.70e-04	-1.15e-04	0.0	152.0	-4.73	0.34	8.24e-04	5.30e-06	2.02e-03	0.69
27	230	1.84	5.42e-03	5.30e-04	0.0	0.0	-18.08	0.91	2.03e-03	1.13e-05	2.34e-03	0.46
		0.46	2.34e-03	-3.09e-04	0.0	152.0	-17.46	0.91	2.03e-03	1.13e-05	5.42e-03	1.84
28	24	0.01	-1.27	-2.76e-03	-0.99	0.0	-17.18	1.08	-0.48	2.04e-03	-1.27	-0.88
		-0.88	-1.99	-8.52e-04	0.0	152.0	-16.34	0.10	-0.48	2.04e-03	-1.99	0.01
28	69	2.83e-03	0.63	-7.16e-04	0.0	0.0	-2.35	0.44	1.43	-9.34e-04	-0.11	-0.67
		-0.67	-0.11	-1.89e-03	-2.09	152.0	-1.78	0.44	-0.67	-9.34e-04	0.47	2.83e-03
28	76	0.40	-0.41	8.06e-04	0.0	0.0	-18.88	-0.27	-2.10	3.55e-03	-0.41	0.40
		-6.09e-03	-3.13	8.67e-04	0.63	152.0	-18.05	-0.27	-1.47	3.55e-03	-3.13	-6.09e-03
28	88	0.67	-0.23	1.04e-03	0.0	0.0	-18.11	-0.44	-2.62	4.03e-03	-0.23	0.67
		-7.04e-03	-3.42	1.52e-03	1.05	152.0	-17.28	-0.44	-1.57	4.03e-03	-3.42	-7.04e-03
28	89	0.67	0.20	7.42e-04	0.0	0.0	-3.87	-0.44	-1.76	2.14e-03	0.20	0.67
		-4.01e-03	-1.68	1.84e-03	1.05	152.0	-3.30	-0.44	-0.71	2.14e-03	-1.68	-4.01e-03
28	93	7.04e-04	-0.19	-0.01	0.0	0.0	-8.88	2.66	1.75	2.79e-04	-2.86	-4.04
		-4.04	-2.86	-1.90e-03	0.0	152.0	-8.27	2.66	1.75	2.79e-04	-0.19	7.04e-04
28	96	4.04	2.25	0.01	0.0	0.0	-10.14	-2.66	-2.95	2.23e-03	2.25	4.04
		-4.92e-03	-2.23	1.23e-03	0.0	152.0	-9.53	-2.66	-2.95	2.23e-03	-2.23	-4.92e-03
28	109	3.63e-03	0.98	-4.04e-03	0.0	0.0	-8.15	1.37	1.89	-7.90e-04	-1.88	-2.11
		-2.11	-1.88	-3.69e-03	0.0	152.0	-7.54	1.37	1.89	-7.90e-04	0.98	3.63e-03
28	112	2.11	1.27	4.46e-03	0.0	0.0	-10.87	-1.37	-3.09	3.30e-03	1.27	2.11
		-7.84e-03	-3.41	2.99e-03	0.0	152.0	-10.26	-1.37	-3.09	3.30e-03	-3.41	-7.84e-03
28	125	-6.08e-04	-0.67	-5.31e-03	0.0	0.0	-9.18	1.42	0.65	7.34e-04	-1.67	-2.16
		-2.16	-1.67	-1.17e-03	0.0	152.0	-8.56	1.42	0.65	7.34e-04	-0.67	-6.08e-04
28	128	2.15	1.06	5.72e-03	0.0	0.0	-9.85	-1.42	-1.85	1.77e-03	1.06	2.15
		-3.61e-03	-1.75	5.94e-04	0.0	152.0	-9.24	-1.42	-1.85	1.77e-03	-1.75	-3.61e-03
28	141	9.51e-04	-0.04	-2.06e-03	0.0	0.0	-8.79	0.73	0.73	1.63e-04	-1.14	-1.13
		-1.13	-1.14	-2.13e-03	0.0	152.0	-8.17	0.73	0.73	1.63e-04	-0.04	9.51e-04
28	144	1.12	0.54	2.48e-03	0.0	0.0	-10.24	-0.73	-1.93	2.35e-03	0.54	1.12
		-5.17e-03	-2.38	1.44e-03	0.0	152.0	-9.62	-0.73	-1.93	2.35e-03	-2.38	-5.17e-03
28	170	7.89e-03	-0.86	-1.83e-03	-0.66	0.0	-11.84	0.72	-0.35	1.42e-03	-0.86	-0.59
		-0.59	-1.39	-5.86e-04	0.0	152.0	-11.22	0.06	-0.35	1.42e-03	-1.39	7.89e-03
28	179	0.34	0.33	1.99e-03	1.31	0.0	-3.21	-0.89	-0.69	7.48e-04	0.33	0.34
		-0.12	-0.72	1.20e-04	0.0	152.0	-2.60	0.42	-0.69	7.48e-04	-0.72	-0.02
28	189	1.62e-03	0.31	-4.51e-04	0.0	0.0	-2.62	0.29	0.87	-4.77e-04	-0.11	-0.45
		-0.45	-0.11	-1.30e-03	-1.40	152.0	-2.01	0.29	-0.52	-4.77e-04	0.16	1.62e-03

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
28	196	0.27	-0.29	5.48e-04	0.0	0.0	-12.98	-0.18	-1.43	2.42e-03	-0.29	0.27
		-4.17e-03	-2.15	5.78e-04	0.42	152.0	-12.36	-0.18	-1.01	2.42e-03	-2.15	-4.17e-03
28	199	0.45	0.10	5.21e-04	0.0	0.0	-3.64	-0.29	-1.25	1.57e-03	0.10	0.45
		-2.94e-03	-1.27	1.18e-03	0.70	152.0	-3.02	-0.29	-0.55	1.57e-03	-1.27	-2.94e-03
28	202	0.44	-0.17	7.04e-04	0.0	0.0	-12.46	-0.30	-1.78	2.74e-03	-0.17	0.44
		-4.80e-03	-2.34	1.01e-03	0.70	152.0	-11.85	-0.30	-1.08	2.74e-03	-2.34	-4.80e-03
28	210	-4.93e-04	-0.32	2.20e-04	0.0	0.0	-10.22	-1.15e-03	-0.64	1.34e-03	-0.32	-4.93e-04
		-2.24e-03	-1.29	-3.73e-04	0.0	152.0	-9.61	-1.15e-03	-0.64	1.34e-03	-1.29	-2.24e-03
28	214	3.13e-06	-0.40	-2.60e-04	-0.13	0.0	-9.50	0.14	-0.52	1.22e-03	-0.40	-0.12
		-0.12	-1.18	-3.79e-04	0.0	152.0	-8.88	0.01	-0.52	1.22e-03	-1.18	3.13e-06
28	215	0.07	-0.03	4.62e-04	0.26	0.0	-3.11	-0.18	-0.32	5.00e-04	-0.03	0.07
		-0.02	-0.52	-8.92e-05	0.0	152.0	-2.50	0.08	-0.32	5.00e-04	-0.52	-5.02e-03
28	219	-3.26e-04	-0.12	-3.81e-05	0.0	0.0	-3.00	0.06	-8.97e-03	2.55e-04	-0.12	-0.09
		-0.09	-0.34	-3.68e-04	-0.28	152.0	-2.38	0.06	-0.29	2.55e-04	-0.34	-3.26e-04
28	223	0.09	-0.07	1.68e-04	0.0	0.0	-3.20	-0.06	-0.43	6.65e-04	-0.07	0.09
		-1.24e-03	-0.63	1.93e-04	0.14	152.0	-2.58	-0.06	-0.29	6.65e-04	-0.63	-1.24e-03
28	226	0.09	-0.26	2.95e-04	0.0	0.0	-9.62	-0.06	-0.80	1.48e-03	-0.26	0.09
		-2.53e-03	-1.37	2.04e-04	0.14	152.0	-9.01	-0.06	-0.66	1.48e-03	-1.37	-2.53e-03
28	227	-8.60e-05	-0.12	7.94e-05	0.0	0.0	-3.09	-4.78e-04	-0.23	4.37e-04	-0.12	-8.60e-05
		-8.12e-04	-0.47	-1.34e-04	0.0	152.0	-2.47	-4.78e-04	-0.23	4.37e-04	-0.47	-8.12e-04
28	230	-4.50e-04	-0.30	2.07e-04	0.0	0.0	-9.51	-1.09e-03	-0.60	1.25e-03	-0.30	-4.50e-04
		-2.11e-03	-1.21	-3.50e-04	0.0	152.0	-8.90	-1.09e-03	-0.60	1.25e-03	-1.21	-2.11e-03
29	16	0.01	0.44	5.26e-05	0.0	0.0	-35.57	-0.05	0.35	-2.16e-05	0.36	0.01
		-0.07	-0.01	-6.20e-04	-1.18	152.0	-34.91	-0.05	-0.84	-2.16e-05	-0.01	-0.07
29	24	0.02	0.73	8.82e-05	0.0	0.0	-32.86	-0.09	0.57	-3.59e-05	0.60	0.02
		-0.12	-0.02	-1.05e-03	-1.97	152.0	-32.20	-0.09	-1.40	-3.59e-05	-0.02	-0.12
29	49	0.12	0.06	-8.91e-05	0.0	0.0	-6.59	0.09	-1.05	3.58e-05	-1.34	-0.02
		-0.02	-1.55	-2.94e-03	3.94	152.0	-6.15	0.09	2.89	3.58e-05	0.06	0.12
29	69	0.51	1.17e-03	2.22e-03	0.0	0.0	-6.77	-2.16	8.40e-03	-8.09e-04	-0.01	0.51
		-2.77	-0.01	-2.80e-04	0.0	152.0	-6.33	-2.16	8.40e-03	-8.09e-04	1.17e-03	-2.77
29	88	2.77	0.02	-2.22e-03	0.0	0.0	-32.58	2.16	-5.37e-03	8.09e-04	0.02	-0.51
		-0.51	7.22e-03	3.34e-04	0.0	152.0	-31.92	2.16	-5.37e-03	8.09e-04	7.22e-03	2.77
29	97	0.22	3.96e-03	1.07e-03	0.0	0.0	-17.96	-1.09	0.27	-4.28e-04	-0.40	0.22
		-1.43	-0.40	-9.88e-03	0.0	152.0	-17.48	-1.09	0.27	-4.28e-04	3.96e-03	-1.43
29	100	1.43	0.40	-1.07e-03	0.0	0.0	-17.94	1.09	-0.26	4.28e-04	0.40	-0.22
		-0.22	4.47e-03	9.94e-03	0.0	152.0	-17.46	1.09	-0.26	4.28e-04	4.47e-03	1.43
29	102	1.00	3.95e-03	-7.48e-04	0.0	0.0	-17.96	0.76	0.26	6.81e-05	-0.39	-0.15
		-0.15	-0.39	-9.59e-03	0.0	152.0	-17.48	0.76	0.26	6.81e-05	3.95e-03	1.00
29	103	0.15	0.39	7.47e-04	0.0	0.0	-17.94	-0.76	-0.25	-6.82e-05	0.39	0.15
		-1.00	4.48e-03	9.64e-03	0.0	152.0	-17.46	-0.76	-0.25	-6.82e-05	4.48e-03	-1.00
29	109	0.68	4.15e-03	3.32e-03	0.0	0.0	-17.95	-3.37	0.09	-8.67e-04	-0.14	0.68
		-4.44	-0.14	-3.39e-03	0.0	152.0	-17.47	-3.37	0.09	-8.67e-04	4.15e-03	-4.44
29	112	4.44	0.14	-3.32e-03	0.0	0.0	-17.95	3.37	-0.09	8.67e-04	0.14	-0.68
		-0.68	4.27e-03	3.44e-03	0.0	152.0	-17.47	3.37	-0.09	8.67e-04	4.27e-03	4.44
29	129	0.12	4.08e-03	5.71e-04	0.0	0.0	-17.95	-0.58	0.14	-2.28e-04	-0.21	0.12
		-0.77	-0.21	-5.26e-03	0.0	152.0	-17.47	-0.58	0.14	-2.28e-04	4.08e-03	-0.77
29	132	0.77	0.22	-5.72e-04	0.0	0.0	-17.95	0.58	-0.14	2.28e-04	0.22	-0.12
		-0.12	4.35e-03	5.31e-03	0.0	152.0	-17.47	0.58	-0.14	2.28e-04	4.35e-03	0.77
29	134	0.53	4.07e-03	-3.99e-04	0.0	0.0	-17.95	0.40	0.14	3.65e-05	-0.21	-0.08
		-0.08	-0.21	-5.10e-03	0.0	152.0	-17.47	0.40	0.14	3.65e-05	4.07e-03	0.53
29	135	0.08	0.21	3.98e-04	0.0	0.0	-17.95	-0.40	-0.14	-3.66e-05	0.21	0.08
		-0.53	4.35e-03	5.15e-03	0.0	152.0	-17.47	-0.40	-0.14	-3.66e-05	4.35e-03	-0.53
29	141	0.36	4.18e-03	1.77e-03	0.0	0.0	-17.95	-1.80	0.05	-4.63e-04	-0.07	0.36
		-2.37	-0.07	-1.80e-03	0.0	152.0	-17.47	-1.80	0.05	-4.63e-04	4.18e-03	-2.37
29	144	2.37	0.08	-1.77e-03	0.0	0.0	-17.95	1.80	-0.05	4.63e-04	0.08	-0.37
		-0.37	4.24e-03	1.85e-03	0.0	152.0	-17.47	1.80	-0.05	4.63e-04	4.24e-03	2.37
29	166	7.48e-03	0.29	3.50e-05	0.0	0.0	-24.61	-0.04	0.23	-1.44e-05	0.24	7.48e-03
		-0.05	-6.82e-03	-4.13e-04	-0.79	152.0	-24.13	-0.04	-0.56	-1.44e-05	-6.82e-03	-0.05
29	170	0.01	0.48	5.88e-05	0.0	0.0	-22.81	-0.06	0.38	-2.39e-05	0.40	0.01
		-0.08	-0.02	-6.97e-04	-1.31	152.0	-22.33	-0.06	-0.93	-2.39e-05	-0.02	-0.08
29	179	0.08	0.04	-5.95e-05	0.0	0.0	-6.73	0.06	-0.70	2.39e-05	-0.89	-0.01
		-0.01	-1.03	-1.96e-03	2.63	152.0	-6.25	0.06	1.93	2.39e-05	0.04	0.08
29	189	0.34	1.32e-03	1.48e-03	0.0	0.0	-6.85	-1.44	5.80e-03	-5.39e-04	-7.50e-03	0.34
		-1.85	-7.50e-03	-1.83e-04	0.0	152.0	-6.37	-1.44	5.80e-03	-5.39e-04	1.32e-03	-1.85
29	202	1.85	0.01	-1.48e-03	0.0	0.0	-22.62	1.44	-3.50e-03	5.39e-04	0.01	-0.34
		-0.34	5.03e-03	2.24e-04	0.0	152.0	-22.14	1.44	-3.50e-03	5.39e-04	5.03e-03	1.85
29	206	3.21e-04	4.50e-03	0.0	0.0	0.0	-19.18	2.99e-04	1.66e-03	0.0	1.98e-03	-1.34e-04
		-1.34e-04	1.98e-03	2.75e-05	0.0	152.0	-18.70	2.99e-04	1.66e-03	0.0	4.50e-03	3.21e-04

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
29	214	2.43e-03	0.10	1.15e-05	0.0	0.0	-17.97	-0.01	0.08	-4.81e-06	0.08	2.43e-03
		-0.02	1.67e-05	-1.33e-04	-0.26	152.0	-17.49	-0.01	-0.19	-4.81e-06	1.67e-05	-0.02
29	215	0.02	0.01	-1.20e-05	0.0	0.0	-6.89	0.01	-0.14	4.77e-06	-0.18	-2.59e-03
		-2.59e-03	-0.21	-3.84e-04	0.53	152.0	-6.41	0.01	0.39	4.77e-06	0.01	0.02
29	219	0.07	1.56e-03	2.95e-04	0.0	0.0	-6.92	-0.29	1.65e-03	-1.08e-04	-9.47e-04	0.07
		-0.37	-9.47e-04	-2.92e-05	0.0	152.0	-6.44	-0.29	1.65e-03	-1.08e-04	1.56e-03	-0.37
29	226	0.37	4.15e-03	-2.96e-04	0.0	0.0	-17.93	0.29	4.60e-04	1.08e-04	3.45e-03	-0.07
		-0.07	3.45e-03	6.39e-05	0.0	152.0	-17.45	0.29	4.60e-04	1.08e-04	4.15e-03	0.37
29	227	1.37e-04	1.62e-03	0.0	0.0	0.0	-6.93	1.17e-04	6.13e-04	0.0	6.91e-04	-4.09e-05
		-4.09e-05	6.91e-04	9.38e-06	0.0	152.0	-6.45	1.17e-04	6.13e-04	0.0	1.62e-03	1.37e-04
29	230	2.97e-04	4.21e-03	0.0	0.0	0.0	-17.95	2.78e-04	1.55e-03	0.0	1.85e-03	-1.26e-04
		-1.26e-04	1.85e-03	2.58e-05	0.0	152.0	-17.47	2.78e-04	1.55e-03	0.0	4.21e-03	2.97e-04
30	24	2.11	0.84	6.72e-04	0.0	0.0	-17.25	0.58	-1.05	-2.21e-03	0.84	1.22
		1.22	-0.01	2.74e-03	0.99	152.0	-16.41	0.58	-0.07	-2.21e-03	-0.01	2.11
30	49	0.73	0.20	-4.91e-05	0.0	0.0	-3.17	0.81	1.31	-7.38e-04	-0.46	-0.51
		-0.51	-0.46	-2.93e-03	-1.97	152.0	-2.59	0.81	-0.66	-7.38e-04	0.03	0.73
30	56	3.12	6.08e-03	-8.67e-04	-0.63	0.0	-18.88	2.05	0.18	-3.56e-03	-0.27	0.48
		0.48	-0.27	-4.59e-04	0.0	152.0	-18.05	1.42	0.18	-3.56e-03	6.08e-03	3.12
30	68	3.42	7.03e-03	-1.52e-03	-1.05	0.0	-18.11	2.54	0.30	-4.03e-03	-0.46	0.36
		0.36	-0.46	-4.62e-04	0.0	152.0	-17.28	1.49	0.30	-4.03e-03	7.03e-03	3.42
30	89	-0.02	0.46	1.89e-03	2.09	0.0	-2.35	-1.35	-0.30	9.32e-04	0.46	-0.02
		-0.67	-2.83e-03	1.41e-04	0.0	152.0	-1.78	0.75	-0.30	9.32e-04	-2.83e-03	-0.47
30	102	2.68	3.88	1.10e-03	0.0	0.0	-9.20	-1.31	-2.55	-9.98e-04	3.88	2.68
		0.72	3.36e-04	9.40e-03	0.0	152.0	-8.59	-1.31	-2.55	-9.98e-04	3.36e-04	0.72
30	103	1.71	3.87e-03	-5.34e-04	0.0	0.0	-9.82	2.51	2.55	-1.52e-03	-3.88	-2.07
		-2.07	-3.88	-9.81e-03	0.0	152.0	-9.21	2.51	2.55	-1.52e-03	3.87e-03	1.71
30	109	3.41	7.78e-03	-2.99e-03	0.0	0.0	-10.87	2.29	0.03	-3.26e-03	-0.06	-0.07
		-0.07	-0.06	3.61e-03	0.0	152.0	-10.25	2.29	0.03	-3.26e-03	7.78e-03	3.41
30	112	0.67	0.06	3.69e-03	0.0	0.0	-8.16	-1.09	-0.03	7.44e-04	0.06	0.67
		-0.98	-3.57e-03	-4.02e-03	0.0	152.0	-7.54	-1.09	-0.03	7.44e-04	-3.57e-03	-0.98
30	134	1.57	2.07	7.52e-04	0.0	0.0	-9.35	-0.42	-1.36	-1.12e-03	2.07	1.57
		0.95	1.16e-03	4.92e-03	0.0	152.0	-8.73	-0.42	-1.36	-1.12e-03	1.16e-03	0.95
30	135	1.48	3.05e-03	-2.78e-04	0.0	0.0	-9.68	1.61	1.36	-1.40e-03	-2.07	-0.96
		-0.96	-2.07	-5.33e-03	0.0	152.0	-9.06	1.61	1.36	-1.40e-03	3.05e-03	1.48
30	141	2.38	5.13e-03	-1.44e-03	0.0	0.0	-10.24	1.50	0.02	-2.33e-03	-0.03	0.11
		0.11	-0.03	1.83e-03	0.0	152.0	-9.62	1.50	0.02	-2.33e-03	5.13e-03	2.38
30	144	0.50	0.03	2.13e-03	0.0	0.0	-8.79	-0.30	-0.01	-1.89e-04	0.03	0.50
		0.04	-9.20e-04	-2.24e-03	0.0	152.0	-8.17	-0.30	-0.01	-1.89e-04	-9.20e-04	0.04
30	170	1.47	0.56	4.66e-04	0.0	0.0	-11.89	0.42	-0.70	-1.53e-03	0.56	0.83
		0.83	-7.75e-03	1.82e-03	0.66	152.0	-11.27	0.42	-0.04	-1.53e-03	-7.75e-03	1.47
30	179	0.64	0.13	2.85e-05	0.0	0.0	-3.17	0.62	0.87	-6.38e-04	-0.31	-0.30
		-0.30	-0.31	-1.98e-03	-1.31	152.0	-2.55	0.62	-0.44	-6.38e-04	0.02	0.64
30	186	2.15	4.16e-03	-5.78e-04	-0.42	0.0	-12.97	1.40	0.12	-2.43e-03	-0.18	0.34
		0.34	-0.18	-3.17e-04	0.0	152.0	-12.36	0.98	0.12	-2.43e-03	4.16e-03	2.15
30	192	2.34	4.80e-03	-1.01e-03	-0.70	0.0	-12.46	1.72	0.20	-2.75e-03	-0.30	0.25
		0.25	-0.30	-3.19e-04	0.0	152.0	-11.85	1.03	0.20	-2.75e-03	4.80e-03	2.34
30	199	0.03	0.31	1.30e-03	1.40	0.0	-2.62	-0.82	-0.20	4.76e-04	0.31	0.03
		-0.34	-1.62e-03	6.78e-05	0.0	152.0	-2.01	0.57	-0.20	4.76e-04	-1.62e-03	-0.16
30	210	1.29	2.24e-03	3.73e-04	0.0	0.0	-10.22	0.64	9.07e-04	-1.34e-03	8.61e-04	0.32
		0.32	8.61e-04	-2.19e-04	0.0	152.0	-9.61	0.64	9.07e-04	-1.34e-03	2.24e-03	1.29
30	214	1.20	0.11	3.55e-04	0.0	0.0	-9.51	0.53	-0.14	-1.24e-03	0.11	0.39
		0.39	2.21e-05	2.61e-04	0.13	152.0	-8.89	0.53	-8.14e-03	-1.24e-03	2.21e-05	1.20
30	215	0.50	0.03	1.13e-04	0.0	0.0	-3.10	0.31	0.17	-4.78e-04	-0.06	0.03
		0.03	-0.06	-4.60e-04	-0.26	152.0	-2.49	0.31	-0.09	-4.78e-04	4.99e-03	0.50
30	222	1.37	2.53e-03	-2.04e-04	-0.14	0.0	-9.62	0.79	0.04	-1.48e-03	-0.06	0.28
		0.28	-0.06	-2.17e-04	0.0	152.0	-9.01	0.65	0.04	-1.48e-03	2.53e-03	1.37
30	223	0.34	0.06	3.68e-04	0.28	0.0	-3.00	0.02	-0.04	-2.56e-04	0.06	0.10
		0.10	3.25e-04	-4.97e-05	0.0	152.0	-2.38	0.30	-0.04	-2.56e-04	3.25e-04	0.34
30	227	0.47	8.11e-04	1.34e-04	0.0	0.0	-3.09	0.23	3.97e-04	-4.38e-04	2.08e-04	0.12
		0.12	2.08e-04	-7.91e-05	0.0	152.0	-2.47	0.23	3.97e-04	-4.38e-04	8.11e-04	0.47
30	230	1.21	2.11e-03	3.50e-04	0.0	0.0	-9.51	0.60	8.62e-04	-1.26e-03	7.95e-04	0.30
		0.30	7.95e-04	-2.06e-04	0.0	152.0	-8.90	0.60	8.62e-04	-1.26e-03	2.11e-03	1.21
Pilas.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-8.15	-7.83	-0.01	-4.20		-71.54	-5.73	-5.54	-4.03e-03		
		8.15	7.83	0.01	4.22		-1.78	5.48	5.79	4.03e-03		

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
		kN m	kN m	m	kN	cm	kN	kN	kN	kN m	kN m	kN m
31	4	9.66	7.06	-7.70e-03	-11.28	0.0	-0.32	11.28	4.12	-3.73e-03	0.0	0.0
		0.0	0.0	2.14e-04	0.0	171.2	-0.32	0.0	4.12	-3.73e-03	7.06	9.66
31	23	2.53	1.85	-2.02e-03	-2.96	0.0	-0.91	2.96	1.08	-2.35e-03	0.0	0.0
		0.0	0.0	5.60e-05	0.0	171.2	-0.91	0.0	1.08	-2.35e-03	1.85	2.53
31	36	9.66	7.06	-7.70e-03	-11.28	0.0	-0.32	11.28	4.12	-3.50e-03	0.0	0.0
		0.0	0.0	2.14e-04	0.0	171.2	-0.32	0.0	4.12	-3.50e-03	7.06	9.66
31	72	8.83	6.45	-7.04e-03	-10.31	0.0	-0.59	10.31	3.77	-1.74e-03	0.0	0.0
		0.0	0.0	1.88e-04	0.0	171.2	-0.59	0.0	3.77	-1.74e-03	6.45	8.83
31	76	9.66	7.06	-7.70e-03	-11.28	0.0	-0.06	11.28	4.12	-4.53e-03	0.0	0.0
		0.0	0.0	2.19e-04	0.0	171.2	-0.06	0.0	4.12	-4.53e-03	7.06	9.66
31	90	7.59	5.55	-6.05e-03	-8.86	0.0	0.33	8.86	3.24	-3.86e-03	0.0	0.0
		0.0	0.0	1.77e-04	0.0	171.2	0.33	0.0	3.24	-3.86e-03	5.55	7.59
31	98	4.87	3.55	-3.88e-03	-5.68	0.0	1.39	5.68	2.07	-2.49e-03	0.0	0.0
		0.0	0.0	-1.57e-04	0.0	171.2	1.39	1.27e-04	2.07	-2.49e-03	3.55	4.87
31	99	4.87	3.56	-3.87e-03	-5.68	0.0	-1.71	5.68	2.08	-1.21e-03	0.0	0.0
		0.0	0.0	2.19e-04	0.0	171.2	-1.71	-1.27e-04	2.08	-1.21e-03	3.56	4.87
31	108	4.87	3.56	-3.88e-03	-5.68	0.0	-1.17	5.68	2.08	-2.79e-03	0.0	0.0
		0.0	0.0	-1.67e-04	0.0	171.2	-1.17	1.05e-04	2.08	-2.79e-03	3.56	4.87
31	118	4.87	3.55	-3.88e-03	-5.68	0.0	1.08	5.68	2.07	-3.77e-03	0.0	0.0
		0.0	0.0	-3.57e-04	0.0	171.2	1.08	3.75e-04	2.07	-3.77e-03	3.55	4.87
31	119	4.86	3.56	-3.87e-03	-5.68	0.0	-1.40	5.68	2.08	7.66e-05	0.0	0.0
		0.0	0.0	4.18e-04	0.0	171.2	-1.40	-3.75e-04	2.08	7.66e-05	3.56	4.86
31	122	4.87	3.55	-3.88e-03	-5.68	0.0	1.07	5.68	2.07	-3.64e-03	0.0	0.0
		0.0	0.0	-3.07e-04	0.0	171.2	1.07	3.72e-04	2.07	-3.64e-03	3.55	4.87
31	130	4.87	3.55	-3.88e-03	-5.68	0.0	0.67	5.68	2.08	-2.19e-03	0.0	0.0
		0.0	0.0	-6.97e-05	0.0	171.2	0.67	6.79e-05	2.08	-2.19e-03	3.55	4.87
31	131	4.87	3.56	-3.88e-03	-5.68	0.0	-0.99	5.68	2.08	-1.51e-03	0.0	0.0
		0.0	0.0	1.57e-04	0.0	171.2	-0.99	-6.79e-05	2.08	-1.51e-03	3.56	4.87
31	140	4.87	3.56	-3.88e-03	-5.68	0.0	-0.70	5.68	2.08	-2.35e-03	0.0	0.0
		0.0	0.0	-7.51e-05	0.0	171.2	-0.70	5.58e-05	2.08	-2.35e-03	3.56	4.87
31	150	4.87	3.55	-3.88e-03	-5.68	0.0	0.50	5.68	2.08	-2.88e-03	0.0	0.0
		0.0	0.0	-1.76e-04	0.0	171.2	0.50	2.00e-04	2.08	-2.88e-03	3.55	4.87
31	151	4.87	3.56	-3.88e-03	-5.68	0.0	-0.82	5.68	2.08	-8.21e-04	0.0	0.0
		0.0	0.0	2.38e-04	0.0	171.2	-0.82	-2.00e-04	2.08	-8.21e-04	3.56	4.87
31	154	4.87	3.55	-3.88e-03	-5.68	0.0	0.49	5.68	2.08	-2.81e-03	0.0	0.0
		0.0	0.0	-1.49e-04	0.0	171.2	0.49	1.99e-04	2.08	-2.81e-03	3.55	4.87
31	160	6.57	4.81	-5.24e-03	-7.68	0.0	-0.24	7.68	2.81	-2.57e-03	0.0	0.0
		0.0	0.0	1.46e-04	0.0	171.2	-0.24	0.0	2.81	-2.57e-03	4.81	6.57
31	169	1.82	1.33	-1.45e-03	-2.12	0.0	-0.63	2.12	0.78	-1.65e-03	0.0	0.0
		0.0	0.0	4.02e-05	0.0	171.2	-0.63	0.0	0.78	-1.65e-03	1.33	1.82
31	176	6.57	4.81	-5.24e-03	-7.68	0.0	-0.23	7.68	2.81	-2.42e-03	0.0	0.0
		0.0	0.0	1.46e-04	0.0	171.2	-0.23	0.0	2.81	-2.42e-03	4.81	6.57
31	192	6.22	4.54	-4.96e-03	-7.26	0.0	-0.44	7.26	2.65	-1.37e-03	0.0	0.0
		0.0	0.0	1.33e-04	0.0	171.2	-0.44	0.0	2.65	-1.37e-03	4.54	6.22
31	196	6.57	4.81	-5.24e-03	-7.68	0.0	-0.06	7.68	2.81	-3.11e-03	0.0	0.0
		0.0	0.0	1.49e-04	0.0	171.2	-0.06	0.0	2.81	-3.11e-03	4.81	6.57
31	200	5.39	3.94	-4.30e-03	-6.30	0.0	0.17	6.30	2.30	-2.79e-03	0.0	0.0
		0.0	0.0	1.25e-04	0.0	171.2	0.17	0.0	2.30	-2.79e-03	3.94	5.39
31	210	5.31	3.88	-4.23e-03	-6.20	0.0	-0.16	6.20	2.26	-1.97e-03	0.0	0.0
		0.0	0.0	1.18e-04	0.0	171.2	-0.16	0.0	2.26	-1.97e-03	3.88	5.31
31	213	1.35	0.98	-1.07e-03	-1.57	0.0	-0.26	1.57	0.57	-9.59e-04	0.0	0.0
		0.0	0.0	2.96e-05	0.0	171.2	-0.26	0.0	0.57	-9.59e-04	0.98	1.35
31	222	4.87	3.56	-3.88e-03	-5.68	0.0	-0.21	5.68	2.08	-1.65e-03	0.0	0.0
		0.0	0.0	1.07e-04	0.0	171.2	-0.21	0.0	2.08	-1.65e-03	3.56	4.87
31	224	4.51	3.30	-3.59e-03	-5.27	0.0	-0.07	5.27	1.93	-1.82e-03	0.0	0.0
		0.0	0.0	1.01e-04	0.0	171.2	-0.07	0.0	1.93	-1.82e-03	3.30	4.51
31	228	4.51	3.30	-3.59e-03	-5.27	0.0	-0.13	5.27	1.93	-1.65e-03	0.0	0.0
		0.0	0.0	1.00e-04	0.0	171.2	-0.13	0.0	1.93	-1.65e-03	3.30	4.51
31	229	1.35	0.98	-1.07e-03	-1.57	0.0	-0.18	1.57	0.57	-8.53e-04	0.0	0.0
		0.0	0.0	2.96e-05	0.0	171.2	-0.18	0.0	0.57	-8.53e-04	0.98	1.35
31	230	4.87	3.56	-3.88e-03	-5.68	0.0	-0.16	5.68	2.08	-1.85e-03	0.0	0.0
		0.0	0.0	1.08e-04	0.0	171.2	-0.16	0.0	2.08	-1.85e-03	3.56	4.87
32	24	0.0	0.0	-2.05e-04	0.0	0.0	-2.65	-3.90	-10.66	4.29e-03	0.0	0.0
		-6.67	-9.13	7.28e-03	10.66	171.2	-2.65	-3.90	0.0	4.29e-03	-9.13	-6.67
32	36	0.0	0.0	-2.14e-04	0.0	0.0	-2.27	-4.12	-11.28	3.45e-03	0.0	0.0
		-7.06	-9.66	7.70e-03	11.28	171.2	-2.27	-4.12	0.0	3.45e-03	-9.66	-7.06

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
32	56	0.0	0.0	-2.20e-04	0.0	0.0	-1.90	-4.12	-11.28	4.53e-03	0.0	0.0
		-7.06	-9.66	7.70e-03	11.28	171.2	-1.90	-4.12	0.0	4.53e-03	-9.66	-7.06
32	66	0.0	0.0	-1.84e-04	0.0	0.0	-1.12	-3.37	-9.21	4.06e-03	0.0	0.0
		-5.76	-7.89	6.29e-03	9.21	171.2	-1.12	-3.37	0.0	4.06e-03	-7.89	-5.76
32	69	0.0	0.0	-3.15e-05	0.0	0.0	0.19	-0.42	-1.16	2.00e-03	0.0	0.0
		-0.72	-0.99	7.91e-04	1.16	171.2	0.19	-0.42	0.0	2.00e-03	-0.99	-0.72
32	89	0.0	0.0	-1.47e-05	0.0	0.0	-0.89	-0.42	-1.16	-8.42e-04	0.0	0.0
		-0.72	-0.99	7.93e-04	1.16	171.2	-0.89	-0.42	0.0	-8.42e-04	-0.99	-0.72
32	105	0.0	0.0	1.57e-04	0.0	0.0	0.63	-2.07	-5.68	2.80e-03	0.0	0.0
		-3.55	-4.87	3.88e-03	5.68	171.2	0.63	-2.07	-1.49e-04	2.80e-03	-4.87	-3.55
32	108	0.0	0.0	-2.20e-04	0.0	0.0	-2.89	-2.08	-5.68	8.91e-04	0.0	0.0
		-3.56	-4.87	3.88e-03	5.68	171.2	-2.89	-2.08	1.49e-04	8.91e-04	-4.87	-3.56
32	115	0.0	0.0	-3.27e-04	0.0	0.0	-1.22	-2.08	-5.68	2.36e-03	0.0	0.0
		-3.55	-4.87	3.88e-03	5.68	171.2	-1.22	-2.08	-2.17e-04	2.36e-03	-4.87	-3.55
32	121	0.0	0.0	3.56e-04	0.0	0.0	0.08	-2.07	-5.68	3.87e-03	0.0	0.0
		-3.55	-4.87	3.88e-03	5.68	171.2	0.08	-2.07	-3.86e-04	3.87e-03	-4.87	-3.55
32	124	0.0	0.0	-4.19e-04	0.0	0.0	-2.33	-2.08	-5.68	-1.72e-04	0.0	0.0
		-3.56	-4.86	3.87e-03	5.68	171.2	-2.33	-2.08	3.86e-04	-1.72e-04	-4.86	-3.56
32	137	0.0	0.0	6.89e-05	0.0	0.0	-0.19	-2.08	-5.68	2.36e-03	0.0	0.0
		-3.55	-4.87	3.88e-03	5.68	171.2	-0.19	-2.08	-7.93e-05	2.36e-03	-4.87	-3.55
32	140	0.0	0.0	-1.58e-04	0.0	0.0	-2.07	-2.08	-5.68	1.34e-03	0.0	0.0
		-3.56	-4.87	3.88e-03	5.68	171.2	-2.07	-2.08	7.93e-05	1.34e-03	-4.87	-3.56
32	147	0.0	0.0	-1.89e-04	0.0	0.0	-1.17	-2.08	-5.68	2.13e-03	0.0	0.0
		-3.56	-4.87	3.88e-03	5.68	171.2	-1.17	-2.08	-1.18e-04	2.13e-03	-4.87	-3.56
32	153	0.0	0.0	1.75e-04	0.0	0.0	-0.49	-2.07	-5.68	2.93e-03	0.0	0.0
		-3.55	-4.87	3.88e-03	5.68	171.2	-0.49	-2.07	-2.06e-04	2.93e-03	-4.87	-3.55
32	156	0.0	0.0	-2.39e-04	0.0	0.0	-1.77	-2.08	-5.68	7.69e-04	0.0	0.0
		-3.56	-4.87	3.88e-03	5.68	171.2	-1.77	-2.08	2.06e-04	7.69e-04	-4.87	-3.56
32	170	0.0	0.0	-1.40e-04	0.0	0.0	-1.82	-2.65	-7.26	2.95e-03	0.0	0.0
		-4.54	-6.22	4.96e-03	7.26	171.2	-1.82	-2.65	0.0	2.95e-03	-6.22	-4.54
32	176	0.0	0.0	-1.46e-04	0.0	0.0	-1.56	-2.81	-7.68	2.39e-03	0.0	0.0
		-4.80	-6.57	5.24e-03	7.68	171.2	-1.56	-2.81	0.0	2.39e-03	-6.57	-4.80
32	186	0.0	0.0	-1.50e-04	0.0	0.0	-1.32	-2.81	-7.68	3.11e-03	0.0	0.0
		-4.80	-6.57	5.24e-03	7.68	171.2	-1.32	-2.81	0.0	3.11e-03	-6.57	-4.80
32	189	0.0	0.0	-2.82e-05	0.0	0.0	3.53e-03	-0.42	-1.16	1.55e-03	0.0	0.0
		-0.72	-0.99	7.91e-04	1.16	171.2	3.53e-03	-0.42	0.0	1.55e-03	-0.99	-0.72
32	190	0.0	0.0	-1.26e-04	0.0	0.0	-0.80	-2.30	-6.30	2.79e-03	0.0	0.0
		-3.94	-5.39	4.30e-03	6.30	171.2	-0.80	-2.30	0.0	2.79e-03	-5.39	-3.94
32	199	0.0	0.0	-1.69e-05	0.0	0.0	-0.72	-0.42	-1.16	-3.45e-04	0.0	0.0
		-0.72	-0.99	7.92e-04	1.16	171.2	-0.72	-0.42	0.0	-3.45e-04	-0.99	-0.72
32	210	0.0	0.0	-1.18e-04	0.0	0.0	-1.21	-2.26	-6.20	1.97e-03	0.0	0.0
		-3.88	-5.31	4.23e-03	6.20	171.2	-1.21	-2.26	0.0	1.97e-03	-5.31	-3.88
32	219	0.0	0.0	-2.30e-05	0.0	0.0	-0.30	-0.42	-1.16	8.30e-04	0.0	0.0
		-0.73	-0.99	7.91e-04	1.16	171.2	-0.30	-0.42	0.0	8.30e-04	-0.99	-0.73
32	220	0.0	0.0	-1.02e-04	0.0	0.0	-0.94	-1.93	-5.27	1.82e-03	0.0	0.0
		-3.30	-4.51	3.59e-03	5.27	171.2	-0.94	-1.93	0.0	1.82e-03	-4.51	-3.30
32	223	0.0	0.0	-2.09e-05	0.0	0.0	-0.44	-0.42	-1.16	4.51e-04	0.0	0.0
		-0.72	-0.99	7.91e-04	1.16	171.2	-0.44	-0.42	0.0	4.51e-04	-0.99	-0.72
32	227	0.0	0.0	-2.19e-05	0.0	0.0	-0.38	-0.42	-1.16	6.50e-04	0.0	0.0
		-0.73	-0.99	7.91e-04	1.16	171.2	-0.38	-0.42	0.0	6.50e-04	-0.99	-0.73
32	228	0.0	0.0	-1.00e-04	0.0	0.0	-1.02	-1.93	-5.27	1.64e-03	0.0	0.0
		-3.30	-4.51	3.59e-03	5.27	171.2	-1.02	-1.93	0.0	1.64e-03	-4.51	-3.30
32	230	0.0	0.0	-1.08e-04	0.0	0.0	-1.13	-2.08	-5.68	1.85e-03	0.0	0.0
		-3.56	-4.87	3.88e-03	5.68	171.2	-1.13	-2.08	0.0	1.85e-03	-4.87	-3.56
33	26	0.0	0.0	-1.77e-04	0.0	0.0	-1.03	-3.26	-8.93	2.87e-05	0.0	0.0
		-5.63	-7.70	6.20e-03	8.93	172.5	-1.03	-3.26	0.0	2.87e-05	-7.70	-5.63
33	49	0.0	0.0	-2.14e-05	0.0	0.0	-0.59	-0.43	-1.17	1.06e-05	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.59	-0.43	0.0	1.06e-05	-1.01	-0.74
33	56	0.0	0.0	-2.25e-04	0.0	0.0	-0.11	-4.15	-11.37	3.74e-05	0.0	0.0
		-7.16	-9.80	7.89e-03	11.37	172.5	-0.11	-4.15	0.0	3.74e-05	-9.80	-7.16
33	69	0.0	0.0	-2.61e-05	0.0	0.0	1.59	-0.43	-1.17	-6.18e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	1.59	-0.43	0.0	-6.18e-06	-1.01	-0.74
33	88	0.0	0.0	-2.09e-04	0.0	0.0	-2.79	-3.92	-10.74	5.20e-05	0.0	0.0
		-6.77	-9.26	7.46e-03	10.74	172.5	-2.79	-3.92	0.0	5.20e-05	-9.26	-6.77
33	117	0.0	0.0	3.05e-04	0.0	0.0	1.67	-2.09	-5.72	4.35e-04	0.0	0.0
		-3.60	-4.94	3.98e-03	5.72	172.5	1.67	-2.09	-3.03e-04	4.35e-04	-4.94	-3.60
33	120	0.0	0.0	-3.72e-04	0.0	0.0	-2.82	-2.09	-5.72	-3.90e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-2.82	-2.09	3.03e-04	-3.90e-04	-4.94	-3.61

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
33	121	0.0	0.0	3.57e-04	0.0	0.0	1.66	-2.09	-5.72	4.94e-04	0.0	0.0
		-3.60	-4.94	3.98e-03	5.72	172.5	1.66	-2.09	-3.04e-04	4.94e-04	-4.94	-3.60
33	124	0.0	0.0	-4.24e-04	0.0	0.0	-2.81	-2.09	-5.72	-4.49e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-2.81	-2.09	3.04e-04	-4.49e-04	-4.94	-3.61
33	149	0.0	0.0	1.47e-04	0.0	0.0	0.62	-2.09	-5.72	2.45e-04	0.0	0.0
		-3.61	-4.94	3.98e-03	5.72	172.5	0.62	-2.09	-1.62e-04	2.45e-04	-4.94	-3.61
33	152	0.0	0.0	-2.14e-04	0.0	0.0	-1.77	-2.09	-5.72	-2.00e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.77	-2.09	1.62e-04	-2.00e-04	-4.94	-3.61
33	153	0.0	0.0	1.74e-04	0.0	0.0	0.62	-2.09	-5.72	2.76e-04	0.0	0.0
		-3.61	-4.94	3.98e-03	5.72	172.5	0.62	-2.09	-1.62e-04	2.76e-04	-4.94	-3.61
33	156	0.0	0.0	-2.42e-04	0.0	0.0	-1.77	-2.09	-5.72	-2.31e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.77	-2.09	1.62e-04	-2.31e-04	-4.94	-3.61
33	160	0.0	0.0	-1.52e-04	0.0	0.0	-0.78	-2.83	-7.73	3.14e-05	0.0	0.0
		-4.87	-6.67	5.37e-03	7.73	172.5	-0.78	-2.83	0.0	3.14e-05	-6.67	-4.87
33	168	0.0	0.0	-1.25e-04	0.0	0.0	-0.73	-2.32	-6.34	2.17e-05	0.0	0.0
		-4.00	-5.47	4.40e-03	6.34	172.5	-0.73	-2.32	0.0	2.17e-05	-5.47	-4.00
33	179	0.0	0.0	-2.19e-05	0.0	0.0	-0.44	-0.43	-1.17	9.58e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.44	-0.43	0.0	9.58e-06	-1.01	-0.74
33	186	0.0	0.0	-1.53e-04	0.0	0.0	-0.09	-2.83	-7.73	2.59e-05	0.0	0.0
		-4.87	-6.67	5.37e-03	7.73	172.5	-0.09	-2.83	0.0	2.59e-05	-6.67	-4.87
33	189	0.0	0.0	-2.50e-05	0.0	0.0	1.01	-0.43	-1.17	-1.62e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	1.01	-0.43	0.0	-1.62e-06	-1.01	-0.74
33	202	0.0	0.0	-1.42e-04	0.0	0.0	-1.88	-2.67	-7.32	3.56e-05	0.0	0.0
		-4.61	-6.31	5.08e-03	7.32	172.5	-1.88	-2.67	0.0	3.56e-05	-6.31	-4.61
33	209	0.0	0.0	-1.14e-04	0.0	0.0	-0.58	-2.13	-5.82	2.15e-05	0.0	0.0
		-3.67	-5.02	4.04e-03	5.82	172.5	-0.58	-2.13	0.0	2.15e-05	-5.02	-3.67
33	210	0.0	0.0	-1.22e-04	0.0	0.0	-0.63	-2.28	-6.24	2.40e-05	0.0	0.0
		-3.93	-5.38	4.33e-03	6.24	172.5	-0.63	-2.28	0.0	2.40e-05	-5.38	-3.93
33	215	0.0	0.0	-2.27e-05	0.0	0.0	-0.20	-0.43	-1.17	7.92e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.20	-0.43	0.0	7.92e-06	-1.01	-0.74
33	219	0.0	0.0	-2.33e-05	0.0	0.0	0.09	-0.43	-1.17	5.68e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	0.09	-0.43	0.0	5.68e-06	-1.01	-0.74
33	226	0.0	0.0	-1.12e-04	0.0	0.0	-0.80	-2.09	-5.72	2.38e-05	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-0.80	-2.09	0.0	2.38e-05	-4.94	-3.61
33	227	0.0	0.0	-2.29e-05	0.0	0.0	-0.14	-0.43	-1.17	7.51e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.14	-0.43	0.0	7.51e-06	-1.01	-0.74
33	228	0.0	0.0	-1.04e-04	0.0	0.0	-0.53	-1.94	-5.31	1.99e-05	0.0	0.0
		-3.34	-4.58	3.68e-03	5.31	172.5	-0.53	-1.94	0.0	1.99e-05	-4.58	-3.34
33	230	0.0	0.0	-1.12e-04	0.0	0.0	-0.58	-2.09	-5.72	2.24e-05	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-0.58	-2.09	0.0	2.24e-05	-4.94	-3.61
34	16	0.0	0.0	-2.22e-04	0.0	0.0	-0.98	-4.15	-11.37	-4.23e-05	0.0	0.0
		-7.16	-9.80	7.89e-03	11.37	172.5	-0.98	-4.15	0.0	-4.23e-05	-9.80	-7.16
34	49	0.0	0.0	-2.45e-05	0.0	0.0	-0.91	-0.43	-1.17	-1.27e-05	0.0	0.0
		-0.73	-1.01	8.11e-04	1.17	172.5	-0.91	-0.43	0.0	-1.27e-05	-1.01	-0.73
34	56	0.0	0.0	-2.21e-04	0.0	0.0	-0.11	-4.15	-11.37	-3.68e-05	0.0	0.0
		-7.16	-9.80	7.89e-03	11.37	172.5	-0.11	-4.15	0.0	-3.68e-05	-9.80	-7.16
34	69	0.0	0.0	-1.97e-05	0.0	0.0	1.50	-0.43	-1.17	6.21e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	1.50	-0.43	0.0	6.21e-06	-1.01	-0.74
34	88	0.0	0.0	-2.15e-04	0.0	0.0	-2.64	-3.92	-10.74	-5.13e-05	0.0	0.0
		-6.77	-9.26	7.46e-03	10.74	172.5	-2.64	-3.92	0.0	-5.13e-05	-9.26	-6.77
34	112	0.0	0.0	3.53e-04	0.0	0.0	-2.39	-2.09	-5.72	4.38e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-2.39	-2.09	3.00e-04	4.38e-04	-4.94	-3.61
34	113	0.0	0.0	-3.68e-04	0.0	0.0	1.29	-2.09	-5.72	-4.25e-04	0.0	0.0
		-3.60	-4.94	3.98e-03	5.72	172.5	1.29	-2.09	-2.99e-04	-4.25e-04	-4.94	-3.60
34	114	0.0	0.0	3.58e-04	0.0	0.0	-1.70	-2.09	-5.72	4.44e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.70	-2.09	3.02e-04	4.44e-04	-4.94	-3.61
34	115	0.0	0.0	-4.25e-04	0.0	0.0	0.61	-2.09	-5.72	-4.88e-04	0.0	0.0
		-3.60	-4.94	3.98e-03	5.72	172.5	0.61	-2.09	-3.02e-04	-4.88e-04	-4.94	-3.60
34	116	0.0	0.0	3.00e-04	0.0	0.0	-2.39	-2.09	-5.72	3.81e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-2.39	-2.09	2.99e-04	3.81e-04	-4.94	-3.61
34	144	0.0	0.0	1.72e-04	0.0	0.0	-1.53	-2.09	-5.72	2.26e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.53	-2.09	1.60e-04	2.26e-04	-4.94	-3.61
34	145	0.0	0.0	-2.11e-04	0.0	0.0	0.43	-2.09	-5.72	-2.39e-04	0.0	0.0
		-3.61	-4.94	3.98e-03	5.72	172.5	0.43	-2.09	-1.60e-04	-2.39e-04	-4.94	-3.61
34	146	0.0	0.0	1.74e-04	0.0	0.0	-1.16	-2.09	-5.72	2.29e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.16	-2.09	1.61e-04	2.29e-04	-4.94	-3.61
34	147	0.0	0.0	-2.41e-04	0.0	0.0	0.07	-2.09	-5.72	-2.73e-04	0.0	0.0
		-3.60	-4.94	3.98e-03	5.72	172.5	0.07	-2.09	-1.61e-04	-2.73e-04	-4.94	-3.60

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
34	148	0.0	0.0	1.44e-04	0.0	0.0	-1.53	-2.09	-5.72	1.95e-04	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-1.53	-2.09	1.60e-04	1.95e-04	-4.94	-3.61
34	166	0.0	0.0	-1.51e-04	0.0	0.0	-0.67	-2.83	-7.73	-2.92e-05	0.0	0.0
		-4.87	-6.67	5.37e-03	7.73	172.5	-0.67	-2.83	0.0	-2.92e-05	-6.67	-4.87
34	179	0.0	0.0	-2.40e-05	0.0	0.0	-0.65	-0.43	-1.17	-1.10e-05	0.0	0.0
		-0.73	-1.01	8.10e-04	1.17	172.5	-0.65	-0.43	0.0	-1.10e-05	-1.01	-0.73
34	186	0.0	0.0	-1.50e-04	0.0	0.0	-0.09	-2.83	-7.73	-2.55e-05	0.0	0.0
		-4.87	-6.67	5.37e-03	7.73	172.5	-0.09	-2.83	0.0	-2.55e-05	-6.67	-4.87
34	189	0.0	0.0	-2.08e-05	0.0	0.0	0.96	-0.43	-1.17	1.68e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	0.96	-0.43	0.0	1.68e-06	-1.01	-0.74
34	202	0.0	0.0	-1.46e-04	0.0	0.0	-1.77	-2.67	-7.32	-3.52e-05	0.0	0.0
		-4.61	-6.31	5.08e-03	7.32	172.5	-1.77	-2.67	0.0	-3.52e-05	-6.31	-4.61
34	210	0.0	0.0	-1.22e-04	0.0	0.0	-0.60	-2.28	-6.24	-2.36e-05	0.0	0.0
		-3.93	-5.38	4.33e-03	6.24	172.5	-0.60	-2.28	0.0	-2.36e-05	-5.38	-3.93
34	215	0.0	0.0	-2.31e-05	0.0	0.0	-0.23	-0.43	-1.17	-8.08e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.23	-0.43	0.0	-8.08e-06	-1.01	-0.74
34	219	0.0	0.0	-2.25e-05	0.0	0.0	0.10	-0.43	-1.17	-5.56e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	0.10	-0.43	0.0	-5.56e-06	-1.01	-0.74
34	226	0.0	0.0	-1.13e-04	0.0	0.0	-0.76	-2.09	-5.72	-2.34e-05	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-0.76	-2.09	0.0	-2.34e-05	-4.94	-3.61
34	227	0.0	0.0	-2.29e-05	0.0	0.0	-0.12	-0.43	-1.17	-7.36e-06	0.0	0.0
		-0.74	-1.01	8.10e-04	1.17	172.5	-0.12	-0.43	0.0	-7.36e-06	-1.01	-0.74
34	230	0.0	0.0	-1.12e-04	0.0	0.0	-0.55	-2.09	-5.72	-2.21e-05	0.0	0.0
		-3.61	-4.94	3.97e-03	5.72	172.5	-0.55	-2.09	0.0	-2.21e-05	-4.94	-3.61
35	16	0.0	0.0	-2.14e-04	0.0	0.0	-1.41	-4.12	-11.28	-3.50e-03	0.0	0.0
		-7.06	-9.66	7.63e-03	11.28	171.2	-1.41	-4.12	0.0	-3.50e-03	-9.66	-7.06
35	48	0.0	0.0	-2.04e-04	0.0	0.0	-2.37	-3.90	-10.66	-4.21e-03	0.0	0.0
		-6.67	-9.13	7.21e-03	10.66	171.2	-2.37	-3.90	0.0	-4.21e-03	-9.13	-6.67
35	69	0.0	0.0	-1.40e-05	0.0	0.0	0.68	-0.42	-1.16	-2.00e-03	0.0	0.0
		-0.73	-0.99	7.82e-04	1.16	171.2	0.68	-0.42	0.0	-2.00e-03	-0.99	-0.73
35	70	0.0	0.0	-1.61e-04	0.0	0.0	-0.24	-3.24	-8.86	-3.86e-03	0.0	0.0
		-5.55	-7.59	5.99e-03	8.86	171.2	-0.24	-3.24	0.0	-3.86e-03	-7.59	-5.55
35	76	0.0	0.0	-2.21e-04	0.0	0.0	-2.12	-4.12	-11.28	-2.83e-03	0.0	0.0
		-7.06	-9.66	7.63e-03	11.28	171.2	-2.12	-4.12	0.0	-2.83e-03	-9.66	-7.06
35	90	0.0	0.0	-1.79e-04	0.0	0.0	-2.05	-3.24	-8.86	-1.02e-03	0.0	0.0
		-5.55	-7.59	5.99e-03	8.86	171.2	-2.05	-3.24	0.0	-1.02e-03	-7.59	-5.55
35	113	0.0	0.0	-3.72e-04	0.0	0.0	0.29	-2.07	-5.68	-3.73e-03	0.0	0.0
		-3.55	-4.87	3.85e-03	5.68	171.2	0.29	-2.07	-3.66e-04	-3.73e-03	-4.87	-3.55
35	114	0.0	0.0	3.62e-04	0.0	0.0	-1.80	-2.08	-5.68	7.66e-05	0.0	0.0
		-3.56	-4.86	3.84e-03	5.68	171.2	-1.80	-2.08	3.75e-04	7.66e-05	-4.86	-3.56
35	115	0.0	0.0	-4.25e-04	0.0	0.0	0.20	-2.07	-5.68	-3.77e-03	0.0	0.0
		-3.55	-4.87	3.85e-03	5.68	171.2	0.20	-2.07	-3.75e-04	-3.77e-03	-4.87	-3.55
35	116	0.0	0.0	3.09e-04	0.0	0.0	-1.88	-2.08	-5.68	3.63e-05	0.0	0.0
		-3.56	-4.86	3.84e-03	5.68	171.2	-1.88	-2.08	3.66e-04	3.63e-05	-4.86	-3.56
35	145	0.0	0.0	-2.13e-04	0.0	0.0	-0.22	-2.08	-5.68	-2.85e-03	0.0	0.0
		-3.55	-4.87	3.84e-03	5.68	171.2	-0.22	-2.08	-1.95e-04	-2.85e-03	-4.87	-3.55
35	146	0.0	0.0	1.78e-04	0.0	0.0	-1.33	-2.08	-5.68	-8.21e-04	0.0	0.0
		-3.56	-4.87	3.84e-03	5.68	171.2	-1.33	-2.08	2.00e-04	-8.21e-04	-4.87	-3.56
35	147	0.0	0.0	-2.41e-04	0.0	0.0	-0.26	-2.08	-5.68	-2.88e-03	0.0	0.0
		-3.55	-4.87	3.84e-03	5.68	171.2	-0.26	-2.08	-2.00e-04	-2.88e-03	-4.87	-3.55
35	148	0.0	0.0	1.50e-04	0.0	0.0	-1.38	-2.08	-5.68	-8.43e-04	0.0	0.0
		-3.56	-4.87	3.84e-03	5.68	171.2	-1.38	-2.08	1.95e-04	-8.43e-04	-4.87	-3.56
35	160	0.0	0.0	-1.46e-04	0.0	0.0	-1.09	-2.81	-7.68	-2.57e-03	0.0	0.0
		-4.81	-6.57	5.19e-03	7.68	171.2	-1.09	-2.81	0.0	-2.57e-03	-6.57	-4.81
35	166	0.0	0.0	-1.46e-04	0.0	0.0	-0.97	-2.81	-7.68	-2.42e-03	0.0	0.0
		-4.81	-6.57	5.19e-03	7.68	171.2	-0.97	-2.81	0.0	-2.42e-03	-6.57	-4.81
35	182	0.0	0.0	-1.39e-04	0.0	0.0	-1.61	-2.65	-7.26	-2.90e-03	0.0	0.0
		-4.55	-6.22	4.91e-03	7.26	171.2	-1.61	-2.65	0.0	-2.90e-03	-6.22	-4.55
35	189	0.0	0.0	-1.64e-05	0.0	0.0	0.38	-0.42	-1.16	-1.55e-03	0.0	0.0
		-0.73	-0.99	7.82e-04	1.16	171.2	0.38	-0.42	0.0	-1.55e-03	-0.99	-0.73
35	190	0.0	0.0	-1.14e-04	0.0	0.0	-0.24	-2.30	-6.30	-2.79e-03	0.0	0.0
		-3.94	-5.39	4.26e-03	6.30	171.2	-0.24	-2.30	0.0	-2.79e-03	-5.39	-3.94
35	200	0.0	0.0	-1.26e-04	0.0	0.0	-1.44	-2.30	-6.30	-8.99e-04	0.0	0.0
		-3.94	-5.39	4.26e-03	6.30	171.2	-1.44	-2.30	0.0	-8.99e-04	-5.39	-3.94
35	210	0.0	0.0	-1.18e-04	0.0	0.0	-0.86	-2.26	-6.20	-1.97e-03	0.0	0.0
		-3.88	-5.31	4.19e-03	6.20	171.2	-0.86	-2.26	0.0	-1.97e-03	-5.31	-3.88
35	218	0.0	0.0	-1.08e-04	0.0	0.0	-0.92	-2.08	-5.68	-1.95e-03	0.0	0.0
		-3.56	-4.87	3.84e-03	5.68	171.2	-0.92	-2.08	0.0	-1.95e-03	-4.87	-3.56

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
35	219	0.0	0.0	-2.08e-05	0.0	0.0	-0.11	-0.42	-1.16	-8.30e-04	0.0	0.0
		-0.73	-0.99	7.82e-04	1.16	171.2	-0.11	-0.42	0.0	-8.30e-04	-0.99	-0.73
35	220	0.0	0.0	-9.93e-05	0.0	0.0	-0.60	-1.93	-5.27	-1.82e-03	0.0	0.0
		-3.30	-4.51	3.56e-03	5.27	171.2	-0.60	-1.93	0.0	-1.82e-03	-4.51	-3.30
35	224	0.0	0.0	-1.02e-04	0.0	0.0	-0.84	-1.93	-5.27	-1.45e-03	0.0	0.0
		-3.30	-4.51	3.56e-03	5.27	171.2	-0.84	-1.93	0.0	-1.45e-03	-4.51	-3.30
35	227	0.0	0.0	-2.19e-05	0.0	0.0	-0.23	-0.42	-1.16	-6.50e-04	0.0	0.0
		-0.73	-0.99	7.82e-04	1.16	171.2	-0.23	-0.42	0.0	-6.50e-04	-0.99	-0.73
35	228	0.0	0.0	-1.00e-04	0.0	0.0	-0.73	-1.93	-5.27	-1.65e-03	0.0	0.0
		-3.30	-4.51	3.56e-03	5.27	171.2	-0.73	-1.93	0.0	-1.65e-03	-4.51	-3.30
35	230	0.0	0.0	-1.08e-04	0.0	0.0	-0.80	-2.08	-5.68	-1.85e-03	0.0	0.0
		-3.56	-4.87	3.84e-03	5.68	171.2	-0.80	-2.08	0.0	-1.85e-03	-4.87	-3.56
36	36	9.80	7.16	-7.89e-03	-11.37	0.0	0.53	11.37	4.15	-4.23e-05	0.0	0.0
		0.0	0.0	2.24e-04	0.0	172.5	0.53	0.0	4.15	-4.23e-05	7.16	9.80
36	56	9.80	7.16	-7.89e-03	-11.37	0.0	-0.19	11.37	4.15	-5.10e-05	0.0	0.0
		0.0	0.0	2.22e-04	0.0	172.5	-0.19	0.0	4.15	-5.10e-05	7.16	9.80
36	67	2.57	1.87	-2.07e-03	-2.98	0.0	-1.21	2.98	1.09	-2.83e-05	0.0	0.0
		0.0	0.0	5.69e-05	0.0	172.5	-1.21	0.0	1.09	-2.83e-05	1.87	2.57
36	69	1.01	0.73	-8.11e-04	-1.17	0.0	-1.30	1.17	0.42	-1.75e-05	0.0	0.0
		0.0	0.0	2.13e-05	0.0	172.5	-1.30	0.0	0.42	-1.75e-05	0.73	1.01
36	88	9.26	6.77	-7.46e-03	-10.74	0.0	2.01	10.74	3.92	-2.76e-05	0.0	0.0
		0.0	0.0	2.14e-04	0.0	172.5	2.01	0.0	3.92	-2.76e-05	6.77	9.26
36	112	4.94	3.60	-3.98e-03	-5.72	0.0	1.42	5.72	2.09	4.84e-04	0.0	0.0
		0.0	0.0	3.96e-04	0.0	172.5	1.42	2.46e-04	2.09	4.84e-04	3.60	4.94
36	114	4.94	3.60	-3.98e-03	-5.72	0.0	1.65	5.72	2.09	4.79e-04	0.0	0.0
		0.0	0.0	3.93e-04	0.0	172.5	1.65	2.48e-04	2.09	4.79e-04	3.60	4.94
36	118	4.94	3.60	-3.98e-03	-5.72	0.0	2.10	5.72	2.09	-4.88e-04	0.0	0.0
		0.0	0.0	-3.61e-04	0.0	172.5	2.10	3.02e-04	2.09	-4.88e-04	3.60	4.94
36	119	4.94	3.61	-3.97e-03	-5.72	0.0	-1.48	5.72	2.09	4.44e-04	0.0	0.0
		0.0	0.0	4.29e-04	0.0	172.5	-1.48	-3.02e-04	2.09	4.44e-04	3.61	4.94
36	122	4.94	3.60	-3.98e-03	-5.72	0.0	2.11	5.72	2.09	-4.30e-04	0.0	0.0
		0.0	0.0	-3.09e-04	0.0	172.5	2.11	3.02e-04	2.09	-4.30e-04	3.60	4.94
36	123	4.94	3.61	-3.97e-03	-5.72	0.0	-1.48	5.72	2.09	3.86e-04	0.0	0.0
		0.0	0.0	3.76e-04	0.0	172.5	-1.48	-3.02e-04	2.09	3.86e-04	3.61	4.94
36	144	4.94	3.61	-3.98e-03	-5.72	0.0	0.91	5.72	2.09	2.50e-04	0.0	0.0
		0.0	0.0	2.24e-04	0.0	172.5	0.91	1.32e-04	2.09	2.50e-04	3.61	4.94
36	146	4.94	3.61	-3.98e-03	-5.72	0.0	1.03	5.72	2.09	2.47e-04	0.0	0.0
		0.0	0.0	2.23e-04	0.0	172.5	1.03	1.33e-04	2.09	2.47e-04	3.61	4.94
36	150	4.94	3.60	-3.98e-03	-5.72	0.0	1.27	5.72	2.09	-2.73e-04	0.0	0.0
		0.0	0.0	-1.76e-04	0.0	172.5	1.27	1.61e-04	2.09	-2.73e-04	3.60	4.94
36	151	4.94	3.61	-3.97e-03	-5.72	0.0	-0.64	5.72	2.09	2.29e-04	0.0	0.0
		0.0	0.0	2.44e-04	0.0	172.5	-0.64	-1.61e-04	2.09	2.29e-04	3.61	4.94
36	154	4.94	3.61	-3.98e-03	-5.72	0.0	1.27	5.72	2.09	-2.42e-04	0.0	0.0
		0.0	0.0	-1.48e-04	0.0	172.5	1.27	1.61e-04	2.09	-2.42e-04	3.61	4.94
36	155	4.94	3.61	-3.97e-03	-5.72	0.0	-0.65	5.72	2.09	1.98e-04	0.0	0.0
		0.0	0.0	2.16e-04	0.0	172.5	-0.65	-1.61e-04	2.09	1.98e-04	3.61	4.94
36	160	6.67	4.87	-5.37e-03	-7.73	0.0	0.42	7.73	2.83	-3.09e-05	0.0	0.0
		0.0	0.0	1.52e-04	0.0	172.5	0.42	0.0	2.83	-3.09e-05	4.87	6.67
36	176	6.67	4.87	-5.37e-03	-7.73	0.0	0.36	7.73	2.83	-2.92e-05	0.0	0.0
		0.0	0.0	1.52e-04	0.0	172.5	0.36	0.0	2.83	-2.92e-05	4.87	6.67
36	189	1.01	0.73	-8.11e-04	-1.17	0.0	-0.85	1.17	0.43	-1.41e-05	0.0	0.0
		0.0	0.0	2.18e-05	0.0	172.5	-0.85	0.0	0.43	-1.41e-05	0.73	1.01
36	191	1.85	1.35	-1.49e-03	-2.14	0.0	-0.80	2.14	0.78	-1.99e-05	0.0	0.0
		0.0	0.0	4.10e-05	0.0	172.5	-0.80	0.0	0.78	-1.99e-05	1.35	1.85
36	202	6.31	4.61	-5.08e-03	-7.32	0.0	1.35	7.32	2.67	-1.94e-05	0.0	0.0
		0.0	0.0	1.45e-04	0.0	172.5	1.35	0.0	2.67	-1.94e-05	4.61	6.31
36	210	5.38	3.93	-4.33e-03	-6.24	0.0	0.34	6.24	2.28	-2.36e-05	0.0	0.0
		0.0	0.0	1.22e-04	0.0	172.5	0.34	0.0	2.28	-2.36e-05	3.93	5.38
36	219	1.01	0.73	-8.10e-04	-1.17	0.0	-0.13	1.17	0.43	-8.72e-06	0.0	0.0
		0.0	0.0	2.27e-05	0.0	172.5	-0.13	0.0	0.43	-8.72e-06	0.73	1.01
36	221	1.37	1.00	-1.10e-03	-1.58	0.0	-0.11	1.58	0.58	-1.12e-05	0.0	0.0
		0.0	0.0	3.09e-05	0.0	172.5	-0.11	0.0	0.58	-1.12e-05	1.00	1.37
36	226	4.94	3.61	-3.97e-03	-5.72	0.0	0.50	5.72	2.09	-2.03e-05	0.0	0.0
		0.0	0.0	1.13e-04	0.0	172.5	0.50	0.0	2.09	-2.03e-05	3.61	4.94
36	227	1.01	0.74	-8.10e-04	-1.17	0.0	0.05	1.17	0.43	-7.36e-06	0.0	0.0
		0.0	0.0	2.30e-05	0.0	172.5	0.05	0.0	0.43	-7.36e-06	0.74	1.01
36	229	1.37	1.00	-1.10e-03	-1.58	0.0	0.08	1.58	0.58	-9.83e-06	0.0	0.0
		0.0	0.0	3.12e-05	0.0	172.5	0.08	0.0	0.58	-9.83e-06	1.00	1.37

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
36	230	4.94	3.61	-3.97e-03	-5.72	0.0	0.31	5.72	2.09	-2.21e-05	0.0	0.0
		0.0	0.0	1.12e-04	0.0	172.5	0.31	0.0	2.09	-2.21e-05	3.61	4.94
37	4	9.80	7.16	-7.89e-03	-11.37	0.0	0.68	11.37	4.15	4.56e-05	0.0	0.0
		0.0	0.0	2.23e-04	0.0	172.5	0.68	0.0	4.15	4.56e-05	7.16	9.80
37	49	1.01	0.73	-8.10e-04	-1.17	0.0	-0.25	1.17	0.43	5.45e-06	0.0	0.0
		0.0	0.0	2.17e-05	0.0	172.5	-0.25	0.0	0.43	5.45e-06	0.73	1.01
37	69	1.01	0.73	-8.11e-04	-1.17	0.0	-1.69	1.17	0.42	1.77e-05	0.0	0.0
		0.0	0.0	2.77e-05	0.0	172.5	-1.69	0.0	0.42	1.77e-05	0.73	1.01
37	76	9.80	7.16	-7.89e-03	-11.37	0.0	1.77	11.37	4.15	3.74e-05	0.0	0.0
		0.0	0.0	2.21e-04	0.0	172.5	1.77	0.0	4.15	3.74e-05	7.16	9.80
37	88	9.26	6.77	-7.46e-03	-10.74	0.0	2.46	10.74	3.92	2.81e-05	0.0	0.0
		0.0	0.0	2.08e-04	0.0	172.5	2.46	0.0	3.92	2.81e-05	6.77	9.26
37	109	4.94	3.61	-3.97e-03	-5.72	0.0	-1.62	5.72	2.09	-4.49e-04	0.0	0.0
		0.0	0.0	-3.52e-04	0.0	172.5	-1.62	-3.04e-04	2.09	-4.49e-04	3.61	4.94
37	112	4.94	3.60	-3.98e-03	-5.72	0.0	2.31	5.72	2.09	4.94e-04	0.0	0.0
		0.0	0.0	4.20e-04	0.0	172.5	2.31	3.04e-04	2.09	4.94e-04	3.60	4.94
37	119	4.94	3.61	-3.97e-03	-5.72	0.0	-1.27	5.72	2.09	5.36e-04	0.0	0.0
		0.0	0.0	4.07e-04	0.0	172.5	-1.27	-2.46e-04	2.09	5.36e-04	3.61	4.94
37	123	4.94	3.61	-3.97e-03	-5.72	0.0	-1.27	5.72	2.09	4.76e-04	0.0	0.0
		0.0	0.0	3.55e-04	0.0	172.5	-1.27	-2.47e-04	2.09	4.76e-04	3.61	4.94
37	141	4.94	3.61	-3.97e-03	-5.72	0.0	-0.71	5.72	2.09	-2.31e-04	0.0	0.0
		0.0	0.0	-1.71e-04	0.0	172.5	-0.71	-1.62e-04	2.09	-2.31e-04	3.61	4.94
37	144	4.94	3.61	-3.98e-03	-5.72	0.0	1.39	5.72	2.09	2.76e-04	0.0	0.0
		0.0	0.0	2.39e-04	0.0	172.5	1.39	1.62e-04	2.09	2.76e-04	3.61	4.94
37	151	4.94	3.61	-3.97e-03	-5.72	0.0	-0.52	5.72	2.09	2.98e-04	0.0	0.0
		0.0	0.0	2.31e-04	0.0	172.5	-0.52	-1.32e-04	2.09	2.98e-04	3.61	4.94
37	155	4.94	3.61	-3.97e-03	-5.72	0.0	-0.52	5.72	2.09	2.66e-04	0.0	0.0
		0.0	0.0	2.03e-04	0.0	172.5	-0.52	-1.32e-04	2.09	2.66e-04	3.61	4.94
37	160	6.67	4.87	-5.37e-03	-7.73	0.0	0.46	7.73	2.83	3.14e-05	0.0	0.0
		0.0	0.0	1.52e-04	0.0	172.5	0.46	0.0	2.83	3.14e-05	4.87	6.67
37	179	1.01	0.73	-8.10e-04	-1.17	0.0	-0.14	1.17	0.43	6.13e-06	0.0	0.0
		0.0	0.0	2.21e-05	0.0	172.5	-0.14	0.0	0.43	6.13e-06	0.73	1.01
37	189	1.01	0.73	-8.11e-04	-1.17	0.0	-1.10	1.17	0.43	1.43e-05	0.0	0.0
		0.0	0.0	2.60e-05	0.0	172.5	-1.10	0.0	0.43	1.43e-05	0.73	1.01
37	196	6.67	4.87	-5.37e-03	-7.73	0.0	1.19	7.73	2.83	2.59e-05	0.0	0.0
		0.0	0.0	1.50e-04	0.0	172.5	1.19	0.0	2.83	2.59e-05	4.87	6.67
37	202	6.31	4.61	-5.08e-03	-7.32	0.0	1.65	7.32	2.67	1.98e-05	0.0	0.0
		0.0	0.0	1.41e-04	0.0	172.5	1.65	0.0	2.67	1.98e-05	4.61	6.31
37	210	5.38	3.93	-4.33e-03	-6.24	0.0	0.37	6.24	2.28	2.40e-05	0.0	0.0
		0.0	0.0	1.22e-04	0.0	172.5	0.37	0.0	2.28	2.40e-05	3.93	5.38
37	215	1.01	0.74	-8.10e-04	-1.17	0.0	0.03	1.17	0.43	7.23e-06	0.0	0.0
		0.0	0.0	2.28e-05	0.0	172.5	0.03	0.0	0.43	7.23e-06	0.74	1.01
37	219	1.01	0.73	-8.10e-04	-1.17	0.0	-0.17	1.17	0.43	8.86e-06	0.0	0.0
		0.0	0.0	2.35e-05	0.0	172.5	-0.17	0.0	0.43	8.86e-06	0.73	1.01
37	226	4.94	3.61	-3.97e-03	-5.72	0.0	0.58	5.72	2.09	2.06e-05	0.0	0.0
		0.0	0.0	1.12e-04	0.0	172.5	0.58	0.0	2.09	2.06e-05	3.61	4.94
37	227	1.01	0.74	-8.10e-04	-1.17	0.0	0.07	1.17	0.43	7.51e-06	0.0	0.0
		0.0	0.0	2.30e-05	0.0	172.5	0.07	0.0	0.43	7.51e-06	0.74	1.01
37	230	4.94	3.61	-3.97e-03	-5.72	0.0	0.34	5.72	2.09	2.24e-05	0.0	0.0
		0.0	0.0	1.12e-04	0.0	172.5	0.34	0.0	2.09	2.24e-05	3.61	4.94
38	16	9.66	7.06	-7.63e-03	-11.28	0.0	0.48	11.28	4.12	3.45e-03	0.0	0.0
		0.0	0.0	2.16e-04	0.0	171.2	0.48	0.0	4.12	3.45e-03	7.06	9.66
38	69	0.99	0.72	-7.82e-04	-1.16	0.0	-0.91	1.16	0.42	-8.42e-04	0.0	0.0
		0.0	0.0	3.28e-05	0.0	171.2	-0.91	0.0	0.42	-8.42e-04	0.72	0.99
38	70	7.59	5.55	-6.00e-03	-8.86	0.0	-0.55	8.86	3.24	1.02e-03	0.0	0.0
		0.0	0.0	1.79e-04	0.0	171.2	-0.55	0.0	3.24	1.02e-03	5.55	7.59
38	76	9.66	7.06	-7.63e-03	-11.28	0.0	1.00	11.28	4.12	4.53e-03	0.0	0.0
		0.0	0.0	2.10e-04	0.0	171.2	1.00	0.0	4.12	4.53e-03	7.06	9.66
38	88	9.13	6.67	-7.21e-03	-10.66	0.0	1.38	10.66	3.90	4.77e-03	0.0	0.0
		0.0	0.0	1.95e-04	0.0	171.2	1.38	0.0	3.90	4.77e-03	6.67	9.13
38	109	4.86	3.56	-3.84e-03	-5.68	0.0	-1.15	5.68	2.08	-1.72e-04	0.0	0.0
		0.0	0.0	-3.61e-04	0.0	171.2	-1.15	-3.86e-04	2.08	-1.72e-04	3.56	4.86
38	112	4.87	3.55	-3.85e-03	-5.68	0.0	1.56	5.68	2.07	3.87e-03	0.0	0.0
		0.0	0.0	4.24e-04	0.0	171.2	1.56	3.86e-04	2.07	3.87e-03	3.55	4.87
38	113	4.86	3.56	-3.84e-03	-5.68	0.0	-1.15	5.68	2.08	-3.80e-05	0.0	0.0
		0.0	0.0	-3.09e-04	0.0	171.2	-1.15	-3.82e-04	2.08	-3.80e-05	3.56	4.86
38	116	4.87	3.55	-3.85e-03	-5.68	0.0	1.56	5.68	2.07	3.73e-03	0.0	0.0
		0.0	0.0	3.72e-04	0.0	171.2	1.56	3.82e-04	2.07	3.73e-03	3.55	4.87

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
38	141	4.87	3.56	-3.84e-03	-5.68	0.0	-0.52	5.68	2.08	7.69e-04	0.0	0.0
		0.0	0.0	-1.77e-04	0.0	171.2	-0.52	-2.06e-04	2.08	7.69e-04	3.56	4.87
38	144	4.87	3.55	-3.84e-03	-5.68	0.0	0.93	5.68	2.07	2.93e-03	0.0	0.0
		0.0	0.0	2.41e-04	0.0	171.2	0.93	2.06e-04	2.07	2.93e-03	3.55	4.87
38	145	4.87	3.56	-3.84e-03	-5.68	0.0	-0.52	5.68	2.08	8.41e-04	0.0	0.0
		0.0	0.0	-1.50e-04	0.0	171.2	-0.52	-2.04e-04	2.08	8.41e-04	3.56	4.87
38	148	4.87	3.55	-3.84e-03	-5.68	0.0	0.93	5.68	2.07	2.85e-03	0.0	0.0
		0.0	0.0	2.13e-04	0.0	171.2	0.93	2.04e-04	2.07	2.85e-03	3.55	4.87
38	160	6.57	4.80	-5.19e-03	-7.68	0.0	0.27	7.68	2.81	2.57e-03	0.0	0.0
		0.0	0.0	1.46e-04	0.0	171.2	0.27	0.0	2.81	2.57e-03	4.80	6.57
38	166	6.57	4.80	-5.19e-03	-7.68	0.0	0.32	7.68	2.81	2.39e-03	0.0	0.0
		0.0	0.0	1.47e-04	0.0	171.2	0.32	0.0	2.81	2.39e-03	4.80	6.57
38	189	0.99	0.72	-7.82e-04	-1.16	0.0	-0.61	1.16	0.42	-3.45e-04	0.0	0.0
		0.0	0.0	2.89e-05	0.0	171.2	-0.61	0.0	0.42	-3.45e-04	0.72	0.99
38	190	5.39	3.94	-4.26e-03	-6.30	0.0	-0.36	6.30	2.30	8.98e-04	0.0	0.0
		0.0	0.0	1.27e-04	0.0	171.2	-0.36	0.0	2.30	8.98e-04	3.94	5.39
38	202	6.22	4.54	-4.91e-03	-7.26	0.0	0.92	7.26	2.65	3.26e-03	0.0	0.0
		0.0	0.0	1.33e-04	0.0	171.2	0.92	0.0	2.65	3.26e-03	4.54	6.22
38	209	4.95	3.62	-3.91e-03	-5.78	0.0	0.22	5.78	2.11	1.77e-03	0.0	0.0
		0.0	0.0	1.10e-04	0.0	171.2	0.22	0.0	2.11	1.77e-03	3.62	4.95
38	210	5.31	3.88	-4.19e-03	-6.20	0.0	0.23	6.20	2.26	1.97e-03	0.0	0.0
		0.0	0.0	1.18e-04	0.0	171.2	0.23	0.0	2.26	1.97e-03	3.88	5.31
38	219	0.99	0.72	-7.82e-04	-1.16	0.0	-0.12	1.16	0.42	4.51e-04	0.0	0.0
		0.0	0.0	2.32e-05	0.0	171.2	-0.12	0.0	0.42	4.51e-04	0.72	0.99
38	226	4.87	3.56	-3.84e-03	-5.68	0.0	0.34	5.68	2.08	2.03e-03	0.0	0.0
		0.0	0.0	1.07e-04	0.0	171.2	0.34	0.0	2.08	2.03e-03	3.56	4.87
38	227	0.99	0.73	-7.82e-04	-1.16	0.0	4.04e-03	1.16	0.42	6.50e-04	0.0	0.0
		0.0	0.0	2.19e-05	0.0	171.2	4.04e-03	0.0	0.42	6.50e-04	0.73	0.99
38	228	4.51	3.30	-3.56e-03	-5.27	0.0	0.20	5.27	1.93	1.64e-03	0.0	0.0
		0.0	0.0	1.01e-04	0.0	171.2	0.20	0.0	1.93	1.64e-03	3.30	4.51
38	230	4.87	3.56	-3.84e-03	-5.68	0.0	0.21	5.68	2.08	1.85e-03	0.0	0.0
		0.0	0.0	1.08e-04	0.0	171.2	0.21	0.0	2.08	1.85e-03	3.56	4.87
39	49	3.20e-04	0.36	1.51e-05	0.0	0.0	0.19	-0.48	-1.28	0.01	0.36	3.20e-04
		-0.77	-1.34	5.47e-04	0.44	161.2	0.19	-0.48	-0.84	0.01	-1.34	-0.77
39	68	9.57e-04	1.27	-3.85e-05	0.0	0.0	-3.55	-2.08	-5.10	-1.92e-04	1.27	9.57e-04
		-3.36	-6.48	2.41e-03	0.57	161.2	-3.55	-2.08	-4.52	-1.92e-04	-6.48	-3.36
39	76	3.56e-03	3.12	2.12e-04	0.0	0.0	-3.20	-2.41	-6.76	-6.08e-03	3.12	3.56e-03
		-3.88	-7.33	2.78e-03	0.57	161.2	-3.20	-2.41	-6.19	-6.08e-03	-7.33	-3.88
39	88	4.03e-03	3.42	2.49e-04	0.0	0.0	-3.09	-2.24	-6.61	-7.03e-03	3.42	4.03e-03
		-3.60	-6.79	2.59e-03	0.57	161.2	-3.09	-2.24	-6.04	-7.03e-03	-6.79	-3.60
39	98	1.52e-03	1.70	1.26e-04	0.0	0.0	-3.52	-1.20	-3.52	-4.07e-03	1.70	1.52e-03
		-1.93	-3.62	1.36e-03	0.44	161.2	-3.52	-1.20	-3.08	-4.07e-03	-3.62	-1.93
39	99	9.97e-04	0.72	-4.02e-05	0.0	0.0	0.40	-1.19	-2.91	-1.35e-04	0.72	9.97e-04
		-1.91	-3.62	1.40e-03	0.44	161.2	0.40	-1.19	-2.47	-1.35e-04	-3.62	-1.91
39	109	-8.88e-04	0.12	-2.56e-04	0.0	0.0	-1.52	-1.20	-2.55	-4.38e-04	0.12	-8.88e-04
		-1.94	-3.63	1.43e-03	0.44	161.2	-1.52	-1.20	-2.11	-4.38e-04	-3.63	-1.94
39	112	3.40e-03	2.30	2.81e-04	0.0	0.0	-1.61	-1.19	-3.89	-3.77e-03	2.30	3.40e-03
		-1.91	-3.61	1.36e-03	0.44	161.2	-1.61	-1.19	-3.44	-3.77e-03	-3.61	-1.91
39	121	-6.81e-04	-0.98	-3.02e-04	0.0	0.0	-0.89	-1.21	-1.86	3.61e-03	-0.98	-6.81e-04
		-1.95	-3.63	1.52e-03	0.44	161.2	-0.89	-1.21	-1.42	3.61e-03	-3.63	-1.95
39	124	3.20e-03	3.40	3.93e-04	0.0	0.0	-2.24	-1.18	-4.57	-7.82e-03	3.40	3.20e-03
		-1.90	-3.61	1.34e-03	0.44	161.2	-2.24	-1.18	-4.13	-7.82e-03	-3.61	-1.90
39	130	1.40e-03	1.47	9.94e-05	0.0	0.0	-2.61	-1.20	-3.38	-3.16e-03	1.47	1.40e-03
		-1.93	-3.62	1.37e-03	0.44	161.2	-2.61	-1.20	-2.94	-3.16e-03	-3.62	-1.93
39	131	1.12e-03	0.95	3.97e-05	0.0	0.0	-0.52	-1.19	-3.05	-1.05e-03	0.95	1.12e-03
		-1.92	-3.62	1.39e-03	0.44	161.2	-0.52	-1.19	-2.61	-1.05e-03	-3.62	-1.92
39	141	1.20e-04	0.63	-1.46e-04	0.0	0.0	-1.53	-1.20	-2.86	-1.18e-03	0.63	1.20e-04
		-1.93	-3.62	1.40e-03	0.44	161.2	-1.53	-1.20	-2.42	-1.18e-03	-3.62	-1.93
39	144	2.39e-03	1.79	1.78e-04	0.0	0.0	-1.59	-1.19	-3.58	-3.03e-03	1.79	2.39e-03
		-1.91	-3.62	1.36e-03	0.44	161.2	-1.59	-1.19	-3.14	-3.03e-03	-3.62	-1.91
39	153	2.25e-04	0.04	-1.58e-04	0.0	0.0	-1.20	-1.20	-2.49	9.48e-04	0.04	2.25e-04
		-1.94	-3.62	1.44e-03	0.44	161.2	-1.20	-1.20	-2.05	9.48e-04	-3.62	-1.94
39	156	2.29e-03	2.38	2.38e-04	0.0	0.0	-1.92	-1.19	-3.94	-5.16e-03	2.38	2.29e-03
		-1.91	-3.62	1.36e-03	0.44	161.2	-1.92	-1.19	-3.50	-5.16e-03	-3.62	-1.91
39	179	3.59e-04	0.40	1.75e-05	0.0	0.0	0.01	-0.46	-1.29	9.61e-03	0.40	3.59e-04
		-0.75	-1.33	5.37e-04	0.44	161.2	0.01	-0.46	-0.85	9.61e-03	-1.33	-0.75
39	192	6.97e-04	0.91	2.76e-05	0.0	0.0	-2.41	-1.45	-3.57	-2.36e-04	0.91	6.97e-04
		-2.33	-4.50	1.68e-03	0.44	161.2	-2.41	-1.45	-3.13	-2.36e-04	-4.50	-2.33

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
39	196	2.43e-03	2.14	1.44e-04	0.0	0.0	-2.18	-1.66	-4.68	-4.16e-03	2.14	2.43e-03
		-2.68	-5.06	1.92e-03	0.44	161.2	-2.18	-1.66	-4.24	-4.16e-03	-5.06	-2.68
39	202	2.75e-03	2.34	1.69e-04	0.0	0.0	-2.11	-1.55	-4.59	-4.79e-03	2.34	2.75e-03
		-2.50	-4.70	1.80e-03	0.44	161.2	-2.11	-1.55	-4.14	-4.79e-03	-4.70	-2.50
39	206	1.35e-03	1.29	7.38e-05	0.0	0.0	-1.64	-1.28	-3.43	-2.25e-03	1.29	1.35e-03
		-2.06	-3.88	1.48e-03	0.44	161.2	-1.64	-1.28	-2.99	-2.25e-03	-3.88	-2.06
39	210	1.34e-03	1.29	7.35e-05	0.0	0.0	-1.70	-1.27	-3.41	-2.24e-03	1.29	1.34e-03
		-2.05	-3.86	1.47e-03	0.44	161.2	-1.70	-1.27	-2.97	-2.24e-03	-3.86	-2.05
39	215	4.22e-04	0.45	2.14e-05	0.0	0.0	-0.28	-0.45	-1.31	1.27e-03	0.45	4.22e-04
		-0.72	-1.31	5.19e-04	0.44	161.2	-0.28	-0.45	-0.87	1.27e-03	-1.31	-0.72
39	226	1.48e-03	1.37	8.44e-05	0.0	0.0	-1.58	-1.20	-3.33	-2.53e-03	1.37	1.48e-03
		-1.93	-3.64	1.38e-03	0.44	161.2	-1.58	-1.20	-2.89	-2.53e-03	-3.64	-1.93
39	227	4.38e-04	0.47	2.23e-05	0.0	0.0	-0.35	-0.44	-1.32	-8.11e-04	0.47	4.38e-04
		-0.71	-1.30	5.15e-04	0.44	161.2	-0.35	-0.44	-0.88	-8.11e-04	-1.30	-0.71
39	230	1.26e-03	1.21	6.87e-05	0.0	0.0	-1.56	-1.19	-3.22	-2.10e-03	1.21	1.26e-03
		-1.92	-3.62	1.38e-03	0.44	161.2	-1.56	-1.19	-2.78	-2.10e-03	-3.62	-1.92
40	36	4.54	8.36	-9.19e-05	0.0	0.0	-0.62	-5.21	-9.97	-5.33e-03	8.36	4.54
		-3.86	-7.25	2.61e-03	0.57	161.2	-0.62	-5.21	-9.39	-5.33e-03	-7.25	-3.86
40	49	0.91	1.72	-8.31e-06	0.0	0.0	0.49	-1.04	-2.12	-0.02	1.72	0.91
		-0.77	-1.34	5.15e-04	0.44	161.2	0.49	-1.04	-1.68	-0.02	-1.34	-0.77
40	56	4.47	7.42	-1.50e-04	0.0	0.0	-0.89	-5.17	-9.40	6.08e-03	7.42	4.47
		-3.87	-7.28	2.64e-03	0.57	161.2	-0.89	-5.17	-8.83	6.08e-03	-7.28	-3.87
40	76	4.47	9.04	-7.78e-05	0.0	0.0	-1.60	-5.08	-10.32	1.98e-03	9.04	4.47
		-3.73	-7.13	2.50e-03	0.57	161.2	-1.60	-5.08	-9.74	1.98e-03	-7.13	-3.73
40	88	4.09	8.90	8.63e-05	0.0	0.0	-1.90	-4.62	-9.83	1.99e-04	8.90	4.09
		-3.36	-6.49	2.24e-03	0.57	161.2	-1.90	-4.62	-9.26	1.99e-04	-6.49	-3.36
40	98	2.25	4.65	-1.45e-04	0.0	0.0	-2.66	-2.60	-5.35	6.52e-04	4.65	2.25
		-1.94	-3.63	1.31e-03	0.44	161.2	-2.66	-2.60	-4.91	6.52e-04	-3.63	-1.94
40	99	2.27	3.70	6.37e-05	0.0	0.0	1.63	-2.59	-4.74	3.56e-03	3.70	2.27
		-1.90	-3.59	1.30e-03	0.44	161.2	1.63	-2.59	-4.30	3.56e-03	-3.59	-1.90
40	104	2.27	4.87	-1.79e-04	0.0	0.0	1.30	-2.59	-5.49	3.75e-04	4.87	2.27
		-1.91	-3.62	1.31e-03	0.44	161.2	1.30	-2.59	-5.05	3.75e-04	-3.62	-1.91
40	118	2.26	6.16	1.48e-04	0.0	0.0	-1.72	-2.61	-6.32	-3.26e-03	6.16	2.26
		-1.95	-3.66	1.32e-03	0.44	161.2	-1.72	-2.61	-5.87	-3.26e-03	-3.66	-1.95
40	124	2.26	6.32	1.63e-04	0.0	0.0	-0.55	-2.61	-6.41	-3.67e-03	6.32	2.26
		-1.94	-3.67	1.33e-03	0.44	161.2	-0.55	-2.61	-5.97	-3.67e-03	-3.67	-1.94
40	130	2.26	4.43	-9.68e-05	0.0	0.0	-1.66	-2.60	-5.21	1.33e-03	4.43	2.26
		-1.93	-3.62	1.30e-03	0.44	161.2	-1.66	-2.60	-4.77	1.33e-03	-3.62	-1.93
40	131	2.26	3.92	-3.22e-05	0.0	0.0	0.62	-2.59	-4.88	2.88e-03	3.92	2.26
		-1.91	-3.60	1.30e-03	0.44	161.2	0.62	-2.59	-4.44	2.88e-03	-3.60	-1.91
40	136	2.26	4.55	-1.15e-04	0.0	0.0	0.45	-2.59	-5.28	1.17e-03	4.55	2.26
		-1.92	-3.61	1.31e-03	0.44	161.2	0.45	-2.59	-4.84	1.17e-03	-3.61	-1.92
40	150	2.26	5.24	-7.02e-05	0.0	0.0	-1.16	-2.60	-5.72	-7.59e-04	5.24	2.26
		-1.94	-3.64	1.31e-03	0.44	161.2	-1.16	-2.60	-5.28	-7.59e-04	-3.64	-1.94
40	156	2.26	5.32	7.78e-05	0.0	0.0	-0.54	-2.60	-5.78	-9.79e-04	5.32	2.26
		-1.93	-3.64	1.32e-03	0.44	161.2	-0.54	-2.60	-5.33	-9.79e-04	-3.64	-1.93
40	176	3.14	5.78	-6.38e-05	0.0	0.0	-0.44	-3.60	-6.91	-3.45e-03	5.78	3.14
		-2.67	-5.01	1.80e-03	0.44	161.2	-0.44	-3.60	-6.47	-3.45e-03	-5.01	-2.67
40	179	0.89	1.68	-1.19e-05	0.0	0.0	0.26	-1.01	-2.08	-9.75e-03	1.68	0.89
		-0.75	-1.32	5.04e-04	0.44	161.2	0.26	-1.01	-1.64	-9.75e-03	-1.32	-0.75
40	186	3.09	5.16	-1.02e-04	0.0	0.0	-0.62	-3.58	-6.54	4.16e-03	5.16	3.09
		-2.68	-5.03	1.83e-03	0.44	161.2	-0.62	-3.58	-6.10	4.16e-03	-5.03	-2.68
40	196	3.09	6.24	-5.39e-05	0.0	0.0	-1.09	-3.52	-7.14	1.43e-03	6.24	3.09
		-2.58	-4.93	1.73e-03	0.44	161.2	-1.09	-3.52	-6.70	1.43e-03	-4.93	-2.58
40	202	2.84	6.14	5.65e-05	0.0	0.0	-1.29	-3.21	-6.82	2.41e-04	6.14	2.84
		-2.33	-4.50	1.56e-03	0.44	161.2	-1.29	-3.21	-6.38	2.41e-04	-4.50	-2.33
40	206	2.42	4.46	-5.31e-05	0.0	0.0	-0.55	-2.78	-5.38	2.25e-03	4.46	2.42
		-2.06	-3.87	1.39e-03	0.44	161.2	-0.55	-2.78	-4.94	2.25e-03	-3.87	-2.06
40	215	0.85	1.60	-1.77e-05	0.0	0.0	-0.10	-0.97	-2.02	-1.30e-03	1.60	0.85
		-0.72	-1.30	4.87e-04	0.44	161.2	-0.10	-0.97	-1.58	-1.30e-03	-1.30	-0.72
40	226	2.25	4.34	-4.30e-05	0.0	0.0	-0.65	-2.58	-5.14	1.62e-03	4.34	2.25
		-1.90	-3.59	1.28e-03	0.44	161.2	-0.65	-2.58	-4.70	1.62e-03	-3.59	-1.90
40	227	0.84	1.58	-1.92e-05	0.0	0.0	-0.19	-0.96	-2.01	8.12e-04	1.58	0.84
		-0.71	-1.30	4.83e-04	0.44	161.2	-0.19	-0.96	-1.57	8.12e-04	-1.30	-0.71
40	230	2.26	4.17	-4.96e-05	0.0	0.0	-0.52	-2.59	-5.05	2.11e-03	4.17	2.26
		-1.92	-3.61	1.30e-03	0.44	161.2	-0.52	-2.59	-4.60	2.11e-03	-3.61	-1.92
41	25	1.34	0.77	-5.52e-04	-0.44	0.0	0.10	1.20	0.48	-0.02	-1.52e-04	-0.25
		-0.25	-1.52e-04	1.41e-05	0.0	161.2	0.10	0.76	0.48	-0.02	0.77	1.34

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
41	48	6.60	3.41	-2.45e-03	-0.57	0.0	-4.81	5.98	2.12	0.04	-2.79e-03	-2.59
		-2.59	-2.79e-03	-1.57e-04	0.0	161.2	-4.81	5.41	2.12	0.04	3.41	6.60
41	76	7.33	3.87	-2.78e-03	-0.57	0.0	-4.55	6.76	2.41	6.08e-03	-3.55e-03	-3.12
		-3.12	-3.55e-03	-2.11e-04	0.0	161.2	-4.55	6.19	2.41	6.08e-03	3.87	7.33
41	88	6.79	3.60	-2.59e-03	-0.57	0.0	-4.38	6.62	2.24	7.03e-03	-4.03e-03	-3.42
		-3.42	-4.03e-03	-2.48e-04	0.0	161.2	-4.38	6.04	2.24	7.03e-03	3.60	6.79
41	93	3.62	1.92	-1.43e-03	-0.44	0.0	-0.03	2.58	1.19	-7.22e-04	-2.99e-04	-0.19
		-0.19	-2.99e-04	-1.05e-04	0.0	161.2	-0.03	2.14	1.19	-7.22e-04	1.92	3.62
41	96	3.62	1.93	-1.35e-03	-0.44	0.0	-4.41	3.85	1.20	4.94e-03	-2.21e-03	-2.23
		-2.23	-2.21e-03	1.38e-04	0.0	161.2	-4.41	3.41	1.20	4.94e-03	1.93	3.62
41	112	3.61	1.90	-1.34e-03	-0.44	0.0	-3.88	4.57	1.18	7.89e-03	-3.24e-03	-3.40
		-3.40	-3.24e-03	2.47e-04	0.0	161.2	-3.88	4.13	1.18	7.89e-03	1.90	3.61
41	115	3.63	1.95	-1.51e-03	-0.44	0.0	-1.63	1.96	1.21	-3.26e-03	4.76e-04	0.83
		0.83	4.76e-04	-2.31e-04	0.0	161.2	-1.63	1.52	1.21	-3.26e-03	1.95	3.63
41	119	3.63	1.94	-1.42e-03	-0.44	0.0	-2.28	2.64	1.20	7.04e-04	6.76e-04	-0.28
		-0.28	6.76e-04	-2.71e-04	0.0	161.2	-2.28	2.20	1.20	7.04e-04	1.94	3.63
41	124	3.61	1.91	-1.35e-03	-0.44	0.0	-3.23	3.89	1.19	3.92e-03	-3.44e-03	-2.30
		-2.30	-3.44e-03	2.86e-04	0.0	161.2	-3.23	3.45	1.19	3.92e-03	1.91	3.61
41	125	3.62	1.92	-1.40e-03	-0.44	0.0	-1.05	2.88	1.19	5.98e-04	-7.45e-04	-0.67
		-0.67	-7.45e-04	-4.90e-05	0.0	161.2	-1.05	2.44	1.19	5.98e-04	1.92	3.62
41	128	3.62	1.92	-1.36e-03	-0.44	0.0	-3.39	3.55	1.19	3.62e-03	-1.76e-03	-1.75
		-1.75	-1.76e-03	-9.78e-05	0.0	161.2	-3.39	3.11	1.19	3.62e-03	1.92	3.62
41	144	3.62	1.91	-1.35e-03	-0.44	0.0	-3.10	3.94	1.19	5.19e-03	-2.31e-03	-2.38
		-2.38	-2.31e-03	1.42e-04	0.0	161.2	-3.10	3.50	1.19	5.19e-03	1.91	3.62
41	147	3.62	1.94	-1.43e-03	-0.44	0.0	-1.90	2.54	1.20	-7.59e-04	-3.33e-04	-0.12
		-0.12	-3.33e-04	-1.18e-04	0.0	161.2	-1.90	2.10	1.20	-7.59e-04	1.94	3.62
41	151	3.62	1.93	-1.40e-03	-0.44	0.0	-2.25	2.91	1.20	1.32e-03	-2.31e-04	-0.71
		-0.71	-2.31e-04	-1.38e-04	0.0	161.2	-2.25	2.47	1.20	1.32e-03	1.93	3.62
41	156	3.62	1.92	-1.36e-03	-0.44	0.0	-2.76	3.58	1.19	3.11e-03	-2.41e-03	-1.80
		-1.80	-2.41e-03	1.62e-04	0.0	161.2	-2.76	3.14	1.19	3.11e-03	1.92	3.62
41	167	1.33	0.75	-5.40e-04	-0.44	0.0	-0.11	1.24	0.46	-9.75e-03	-2.47e-04	-0.32
		-0.32	-2.47e-04	1.17e-05	0.0	161.2	-0.11	0.80	0.46	-9.75e-03	0.75	1.33
41	182	4.57	2.37	-1.70e-03	-0.44	0.0	-3.28	4.16	1.47	0.02	-1.92e-03	-1.79
		-1.79	-1.92e-03	-1.08e-04	0.0	161.2	-3.28	3.72	1.47	0.02	2.37	4.57
41	196	5.06	2.68	-1.92e-03	-0.44	0.0	-3.10	4.69	1.66	4.16e-03	-2.42e-03	-2.14
		-2.14	-2.42e-03	-1.44e-04	0.0	161.2	-3.10	4.24	1.66	4.16e-03	2.68	5.06
41	202	4.70	2.50	-1.80e-03	-0.44	0.0	-2.99	4.59	1.55	4.80e-03	-2.74e-03	-2.34
		-2.34	-2.74e-03	-1.68e-04	0.0	161.2	-2.99	4.15	1.55	4.80e-03	2.50	4.70
41	206	3.88	2.06	-1.48e-03	-0.44	0.0	-2.33	3.43	1.28	2.25e-03	-1.35e-03	-1.29
		-1.29	-1.35e-03	-7.34e-05	0.0	161.2	-2.33	2.99	1.28	2.25e-03	2.06	3.88
41	210	3.86	2.05	-1.47e-03	-0.44	0.0	-2.41	3.41	1.27	2.24e-03	-1.34e-03	-1.29
		-1.29	-1.34e-03	-7.31e-05	0.0	161.2	-2.41	2.97	1.27	2.24e-03	2.05	3.86
41	211	1.31	0.72	-5.20e-04	-0.44	0.0	-0.44	1.30	0.45	-1.30e-03	-3.99e-04	-0.44
		-0.44	-3.99e-04	-1.98e-05	0.0	161.2	-0.44	0.86	0.45	-1.30e-03	0.72	1.31
41	226	3.64	1.93	-1.38e-03	-0.44	0.0	-2.25	3.33	1.20	2.53e-03	-1.48e-03	-1.37
		-1.37	-1.48e-03	-8.40e-05	0.0	161.2	-2.25	2.89	1.20	2.53e-03	1.93	3.64
41	227	1.30	0.71	-5.15e-04	-0.44	0.0	-0.52	1.32	0.44	8.12e-04	-4.37e-04	-0.47
		-0.47	-4.37e-04	-2.22e-05	0.0	161.2	-0.52	0.88	0.44	8.12e-04	0.71	1.30
41	230	3.62	1.92	-1.38e-03	-0.44	0.0	-2.22	3.22	1.19	2.11e-03	-1.25e-03	-1.21
		-1.21	-1.25e-03	-6.83e-05	0.0	161.2	-2.22	2.78	1.19	2.11e-03	1.92	3.62
42	16	7.25	3.86	-2.61e-03	-0.57	0.0	-0.61	9.92	5.21	5.21e-03	-4.54	-8.29
		-8.29	-4.54	9.59e-05	0.0	161.2	-0.61	9.35	5.21	5.21e-03	3.86	7.25
42	25	1.34	0.77	-5.13e-04	-0.44	0.0	0.51	2.05	1.04	0.01	-0.91	-1.61
		-1.61	-0.91	1.64e-05	0.0	161.2	0.51	1.61	1.04	0.01	0.77	1.34
42	56	7.28	3.88	-2.64e-03	-0.57	0.0	-0.85	9.40	5.17	-6.08e-03	-4.47	-7.42
		-7.42	-4.47	1.50e-04	0.0	161.2	-0.85	8.83	5.17	-6.08e-03	3.88	7.28
42	76	7.13	3.73	-2.50e-03	-0.57	0.0	-1.65	10.32	5.08	-1.98e-03	-4.47	-9.04
		-9.04	-4.47	7.85e-05	0.0	161.2	-1.65	9.74	5.08	-1.98e-03	3.73	7.13
42	88	6.49	3.36	-2.24e-03	-0.57	0.0	-1.98	9.83	4.62	-1.92e-04	-4.09	-8.90
		-8.90	-4.09	-8.63e-05	0.0	161.2	-1.98	9.26	4.62	-1.92e-04	3.36	6.49
42	93	3.58	1.90	-1.30e-03	-0.44	0.0	1.71	4.42	2.58	-4.68e-03	-2.27	-3.19
		-3.19	-2.27	1.11e-04	0.0	161.2	1.71	3.98	2.58	-4.68e-03	1.90	3.58
42	96	3.64	1.95	-1.31e-03	-0.44	0.0	-2.75	5.67	2.60	4.73e-04	-2.25	-5.16
		-5.16	-2.25	8.04e-05	0.0	161.2	-2.75	5.23	2.60	4.73e-04	1.95	3.64
42	98	3.60	1.91	-1.31e-03	-0.44	0.0	1.48	5.00	2.59	-2.52e-03	-2.27	-4.11
		-4.11	-2.27	-6.11e-05	0.0	161.2	1.48	4.56	2.59	-2.52e-03	1.91	3.60
42	112	3.67	1.95	-1.32e-03	-0.44	0.0	-1.65	6.41	2.61	3.61e-03	-2.26	-6.32
		-6.32	-2.26	-2.46e-04	0.0	161.2	-1.65	5.97	2.61	3.61e-03	1.95	3.67

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
42	125	3.59	1.91	-1.30e-03	-0.44	0.0	0.67	4.71	2.59	-3.48e-03	-2.26	-3.65
		-3.65	-2.26	7.62e-05	0.0	161.2	0.67	4.27	2.59	-3.48e-03	1.91	3.59
42	128	3.62	1.93	-1.30e-03	-0.44	0.0	-1.71	5.38	2.60	-7.29e-04	-2.26	-4.70
		-4.70	-2.26	6.19e-05	0.0	161.2	-1.71	4.94	2.60	-7.29e-04	1.93	3.62
42	130	3.60	1.92	-1.31e-03	-0.44	0.0	0.55	5.02	2.59	-2.32e-03	-2.26	-4.14
		-4.14	-2.26	1.40e-05	0.0	161.2	0.55	4.58	2.59	-2.32e-03	1.92	3.60
42	144	3.64	1.94	-1.31e-03	-0.44	0.0	-1.13	5.77	2.60	9.48e-04	-2.26	-5.32
		-5.32	-2.26	-1.18e-04	0.0	161.2	-1.13	5.33	2.60	9.48e-04	1.94	3.64
42	166	5.01	2.67	-1.80e-03	-0.44	0.0	-0.43	6.88	3.60	3.37e-03	-3.14	-5.74
		-5.74	-3.14	6.65e-05	0.0	161.2	-0.43	6.44	3.60	3.37e-03	2.67	5.01
42	167	1.32	0.75	-5.03e-04	-0.44	0.0	0.28	2.03	1.01	9.61e-03	-0.89	-1.60
		-1.60	-0.89	1.70e-05	0.0	161.2	0.28	1.59	1.01	9.61e-03	0.75	1.32
42	186	5.03	2.68	-1.83e-03	-0.44	0.0	-0.59	6.54	3.58	-4.16e-03	-3.09	-5.16
		-5.16	-3.09	1.02e-04	0.0	161.2	-0.59	6.10	3.58	-4.16e-03	2.68	5.03
42	196	4.93	2.58	-1.73e-03	-0.44	0.0	-1.12	7.14	3.52	-1.43e-03	-3.09	-6.24
		-6.24	-3.09	5.44e-05	0.0	161.2	-1.12	6.70	3.52	-1.43e-03	2.58	4.93
42	202	4.50	2.33	-1.56e-03	-0.44	0.0	-1.34	6.82	3.21	-2.36e-04	-2.84	-6.14
		-6.14	-2.84	-5.65e-05	0.0	161.2	-1.34	6.38	3.21	-2.36e-04	2.33	4.50
42	206	3.87	2.06	-1.39e-03	-0.44	0.0	-0.56	5.38	2.78	-2.25e-03	-2.42	-4.46
		-4.46	-2.42	5.34e-05	0.0	161.2	-0.56	4.94	2.78	-2.25e-03	2.06	3.87
42	211	1.30	0.72	-4.87e-04	-0.44	0.0	-0.10	2.01	0.97	1.27e-03	-0.85	-1.59
		-1.59	-0.85	1.88e-05	0.0	161.2	-0.10	1.57	0.97	1.27e-03	0.72	1.30
42	226	3.59	1.90	-1.28e-03	-0.44	0.0	-0.66	5.14	2.58	-1.62e-03	-2.25	-4.34
		-4.34	-2.25	4.33e-05	0.0	161.2	-0.66	4.70	2.58	-1.62e-03	1.90	3.59
42	227	1.30	0.71	-4.83e-04	-0.44	0.0	-0.19	2.01	0.96	-8.11e-04	-0.84	-1.58
		-1.58	-0.84	1.93e-05	0.0	161.2	-0.19	1.57	0.96	-8.11e-04	0.71	1.30
42	230	3.61	1.92	-1.30e-03	-0.44	0.0	-0.52	5.05	2.59	-2.10e-03	-2.26	-4.17
		-4.17	-2.26	4.98e-05	0.0	161.2	-0.52	4.60	2.59	-2.10e-03	1.92	3.61
43	16	14.75	4.33e-05	-3.26e-03	-0.94	0.0	-7.39	11.87	-0.02	0.01	4.33e-05	-3.62
		-3.62	-0.03	9.07e-06	0.0	161.2	-7.39	10.92	-0.02	0.01	-0.03	14.75
43	24	13.56	4.91e-05	-3.00e-03	-0.94	0.0	-6.75	10.93	-0.02	9.74e-03	4.91e-05	-3.30
		-3.30	-0.03	1.12e-05	0.0	161.2	-6.75	9.99	-0.02	9.74e-03	-0.03	13.56
43	25	2.63	2.74e-05	-6.07e-04	-0.73	0.0	-0.48	2.37	-5.90e-03	1.83e-03	2.74e-05	-0.61
		-0.61	-9.49e-03	7.98e-06	0.0	161.2	-0.48	1.64	-5.90e-03	1.83e-03	-9.49e-03	2.63
43	68	13.36	4.29e-05	-2.90e-03	-0.94	0.0	-8.89	10.60	-0.02	2.29e-03	4.29e-05	-2.97
		-2.97	-0.03	9.25e-06	0.0	161.2	-8.89	9.66	-0.02	2.29e-03	-0.03	13.36
43	88	13.53	1.28e-05	-2.98e-03	-0.94	0.0	-7.15	11.68	-0.02	0.02	1.28e-05	-4.54
		-4.54	-0.03	1.66e-06	0.0	161.2	-7.15	10.74	-0.02	0.02	-0.03	13.53
43	93	7.59	-4.78e-04	-1.75e-03	-0.73	0.0	-2.06	5.53	-0.02	8.08e-04	-4.78e-04	-0.75
		-0.75	-0.04	-1.24e-04	0.0	161.2	-2.06	4.81	-0.02	8.08e-04	-0.04	7.59
43	96	7.08	8.02e-03	-1.51e-03	-0.73	0.0	-5.65	6.58	4.69e-03	0.01	5.09e-04	-2.94
		-2.94	5.09e-04	1.29e-04	0.0	161.2	-5.65	5.85	4.69e-03	0.01	8.02e-03	7.08
43	109	7.89	-1.14e-03	-1.90e-03	-0.73	0.0	-2.14	4.93	-0.02	-4.51e-03	-1.14e-03	0.53
		0.53	-0.03	-2.31e-04	0.0	161.2	-2.14	4.20	-0.02	-4.51e-03	-0.03	7.89
43	112	6.78	1.17e-03	-1.37e-03	-0.73	0.0	-5.57	7.18	-3.88e-03	0.02	1.17e-03	-4.22
		-4.22	-5.21e-03	2.36e-04	0.0	161.2	-5.57	6.46	-3.88e-03	0.02	-5.21e-03	6.78
43	125	7.47	-2.49e-04	-1.69e-03	-0.73	0.0	-2.90	5.78	-0.02	2.96e-03	-2.49e-04	-1.26
		-1.26	-0.03	-6.58e-05	0.0	161.2	-2.90	5.05	-0.02	2.96e-03	-0.03	7.47
43	128	7.20	2.80e-04	-1.56e-03	-0.73	0.0	-4.81	6.33	-2.05e-03	7.88e-03	2.80e-04	-2.43
		-2.43	-3.05e-03	7.03e-05	0.0	161.2	-4.81	5.61	-2.05e-03	7.88e-03	-3.05e-03	7.20
43	141	7.63	-6.04e-04	-1.77e-03	-0.73	0.0	-2.94	5.45	-0.01	1.23e-04	-6.04e-04	-0.58
		-0.58	-0.02	-1.25e-04	0.0	161.2	-2.94	4.73	-0.01	1.23e-04	-0.02	7.63
43	144	7.04	6.35e-04	-1.49e-03	-0.73	0.0	-4.77	6.66	-6.62e-03	0.01	6.35e-04	-3.11
		-3.11	-0.01	1.29e-04	0.0	161.2	-4.77	5.93	-6.62e-03	0.01	-0.01	7.04
43	153	7.54	6.70e-04	-1.73e-03	-0.73	0.0	-3.21	5.64	-0.01	3.47e-03	6.70e-04	-0.96
		-0.96	-0.02	-1.43e-04	0.0	161.2	-3.21	4.91	-0.01	3.47e-03	-0.02	7.54
43	166	10.18	2.97e-05	-2.25e-03	-0.73	0.0	-5.05	8.23	-0.01	7.39e-03	2.97e-05	-2.51
		-2.51	-0.02	6.20e-06	0.0	161.2	-5.05	7.50	-0.01	7.39e-03	-0.02	10.18
43	167	2.62	2.04e-05	-6.04e-04	-0.73	0.0	-0.63	2.38	-5.19e-03	1.89e-03	2.04e-05	-0.64
		-0.64	-8.35e-03	5.65e-06	0.0	161.2	-0.63	1.66	-5.19e-03	1.89e-03	-8.35e-03	2.62
43	170	9.39	3.36e-05	-2.08e-03	-0.73	0.0	-4.62	7.61	-0.01	6.76e-03	3.36e-05	-2.29
		-2.29	-0.02	7.58e-06	0.0	161.2	-4.62	6.88	-0.01	6.76e-03	-0.02	9.39
43	192	9.26	2.94e-05	-2.02e-03	-0.73	0.0	-6.05	7.39	-0.01	1.79e-03	2.94e-05	-2.07
		-2.07	-0.02	6.32e-06	0.0	161.2	-6.05	6.66	-0.01	1.79e-03	-0.02	9.26
43	202	9.37	9.41e-06	-2.07e-03	-0.73	0.0	-4.89	8.11	-0.01	0.01	9.41e-06	-3.12
		-3.12	-0.02	1.25e-06	0.0	161.2	-4.89	7.38	-0.01	0.01	-0.02	9.37
43	206	7.86	1.66e-05	-1.74e-03	-0.73	0.0	-4.06	6.46	-0.01	5.80e-03	1.66e-05	-1.97
		-1.97	-0.02	3.02e-06	0.0	161.2	-4.06	5.74	-0.01	5.80e-03	-0.02	7.86

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
43	210	7.83	1.63e-05	-1.73e-03	-0.73	0.0	-4.18	6.43	-0.01	5.77e-03	1.63e-05	-1.96
		-1.96	-0.02	2.96e-06	0.0	161.2	-4.18	5.71	-0.01	5.77e-03	-0.02	7.83
43	211	2.61	9.13e-06	-6.00e-04	-0.73	0.0	-0.87	2.40	-4.06e-03	2.00e-03	9.13e-06	-0.68
		-0.68	-6.53e-03	1.98e-06	0.0	161.2	-0.87	1.68	-4.06e-03	2.00e-03	-6.53e-03	2.61
43	214	7.34	1.82e-05	-1.63e-03	-0.73	0.0	-3.80	6.05	-0.01	5.39e-03	1.82e-05	-1.83
		-1.83	-0.02	3.55e-06	0.0	161.2	-3.80	5.32	-0.01	5.39e-03	-0.02	7.34
43	226	7.33	1.34e-05	-1.63e-03	-0.73	0.0	-3.85	6.15	-9.50e-03	6.32e-03	1.34e-05	-2.00
		-2.00	-0.02	2.29e-06	0.0	161.2	-3.85	5.42	-9.50e-03	6.32e-03	-0.02	7.33
43	227	2.61	6.33e-06	-5.99e-04	-0.73	0.0	-0.93	2.41	-3.77e-03	2.02e-03	6.33e-06	-0.69
		-0.69	-6.08e-03	1.18e-06	0.0	161.2	-0.93	1.68	-3.77e-03	2.02e-03	-6.08e-03	2.61
43	230	7.34	1.54e-05	-1.63e-03	-0.73	0.0	-3.86	6.06	-9.75e-03	5.42e-03	1.54e-05	-1.84
		-1.84	-0.02	2.80e-06	0.0	161.2	-3.86	5.33	-9.75e-03	5.42e-03	-0.02	7.34
44	16	14.75	0.04	-2.98e-03	-0.94	0.0	-0.84	20.13	-0.05	-0.01	0.04	-16.95
		-16.95	-0.03	1.19e-05	0.0	161.2	-0.84	19.19	-0.05	-0.01	-0.03	14.75
44	25	2.60	3.85e-03	-5.37e-04	-0.73	0.0	0.06	3.91	-7.61e-03	-2.28e-03	3.85e-03	-3.12
		-3.12	-8.42e-03	0.0	0.0	161.2	0.06	3.18	-7.61e-03	-2.28e-03	-8.42e-03	2.60
44	36	14.77	0.05	-2.99e-03	-0.94	0.0	-1.07	20.18	-0.05	-0.01	0.05	-17.01
		-17.01	-0.03	1.56e-05	0.0	161.2	-1.07	19.24	-0.05	-0.01	-0.03	14.77
44	56	14.77	0.05	-2.99e-03	-0.94	0.0	-1.09	19.73	-0.05	-0.01	0.05	-16.28
		-16.28	-0.03	1.50e-05	0.0	161.2	-1.09	18.78	-0.05	-0.01	-0.03	14.77
44	76	14.63	0.04	-2.93e-03	-0.94	0.0	-1.80	20.38	-0.05	-6.19e-03	0.04	-17.46
		-17.46	-0.03	1.15e-05	0.0	161.2	-1.80	19.43	-0.05	-6.19e-03	-0.03	14.63
44	88	13.36	0.04	-2.66e-03	-0.94	0.0	-2.25	18.95	-0.04	-2.28e-03	0.04	-16.43
		-16.43	-0.03	9.19e-06	0.0	161.2	-2.25	18.00	-0.04	-2.28e-03	-0.03	13.36
44	93	7.12	0.02	-1.39e-03	-0.73	0.0	0.51	9.67	-0.03	-0.01	0.02	-7.89
		-7.89	-0.03	-3.27e-05	0.0	161.2	0.51	8.95	-0.03	-0.01	-0.03	7.12
44	96	7.57	0.03	-1.60e-03	-0.73	0.0	-1.51	10.75	-0.02	-7.33e-04	0.03	-9.18
		-9.18	-7.43e-04	4.61e-05	0.0	161.2	-1.51	10.03	-0.02	-7.33e-04	-7.43e-04	7.57
44	99	7.32	0.03	-1.49e-03	-0.73	0.0	-1.45	10.17	-0.02	-4.60e-03	0.03	-8.49
		-8.49	1.67e-03	1.09e-04	0.0	161.2	-1.45	9.45	-0.02	-4.60e-03	1.67e-03	7.32
44	102	7.44	0.02	-1.54e-03	-0.73	0.0	0.44	10.44	-0.03	-2.27e-03	0.02	-8.80
		-8.80	-0.04	3.56e-05	0.0	161.2	0.44	9.71	-0.03	-2.27e-03	-0.04	7.44
44	112	7.85	0.02	-1.74e-03	-0.73	0.0	-0.91	11.41	-0.02	4.53e-03	0.02	-9.95
		-9.95	-0.01	-1.49e-04	0.0	161.2	-0.91	10.68	-0.02	4.53e-03	-0.01	7.85
44	125	7.23	0.02	-1.44e-03	-0.73	0.0	0.04	9.92	-0.03	-7.91e-03	0.02	-8.19
		-8.19	-0.02	-1.41e-05	0.0	161.2	0.04	9.20	-0.03	-7.91e-03	-0.02	7.23
44	128	7.47	0.03	-1.55e-03	-0.73	0.0	-1.04	10.50	-0.02	-2.92e-03	0.03	-8.88
		-8.88	-7.21e-03	2.75e-05	0.0	161.2	-1.04	9.77	-0.02	-2.92e-03	-7.21e-03	7.47
44	131	7.34	0.03	-1.49e-03	-0.73	0.0	-1.01	10.19	-0.02	-4.99e-03	0.03	-8.51
		-8.51	-5.91e-03	6.16e-05	0.0	161.2	-1.01	9.46	-0.02	-4.99e-03	-5.91e-03	7.34
44	134	7.40	0.02	-1.52e-03	-0.73	0.0	-7.82e-04	10.33	-0.03	-3.73e-03	0.02	-8.67
		-8.67	-0.03	2.19e-05	0.0	161.2	-7.82e-04	9.60	-0.03	-3.73e-03	-0.03	7.40
44	144	7.62	0.02	-1.62e-03	-0.73	0.0	-0.72	10.85	-0.02	-1.08e-04	0.02	-9.29
		-9.29	-0.01	-7.73e-05	0.0	161.2	-0.72	10.12	-0.02	-1.08e-04	-0.01	7.62
44	166	10.18	0.03	-2.06e-03	-0.73	0.0	-0.59	13.95	-0.03	-7.56e-03	0.03	-11.73
		-11.73	-0.02	8.27e-06	0.0	161.2	-0.59	13.22	-0.03	-7.56e-03	-0.02	10.18
44	167	2.60	5.44e-03	-5.40e-04	-0.73	0.0	-0.03	3.92	-8.06e-03	-2.20e-03	5.44e-03	-3.14
		-3.14	-7.56e-03	0.0	0.0	161.2	-0.03	3.20	-8.06e-03	-2.20e-03	-7.56e-03	2.60
44	176	10.20	0.03	-2.07e-03	-0.73	0.0	-0.74	13.98	-0.03	-7.35e-03	0.03	-11.76
		-11.76	-0.02	1.07e-05	0.0	161.2	-0.74	13.25	-0.03	-7.35e-03	-0.02	10.20
44	186	10.20	0.03	-2.07e-03	-0.73	0.0	-0.75	13.68	-0.03	-0.01	0.03	-11.27
		-11.27	-0.02	1.03e-05	0.0	161.2	-0.75	12.95	-0.03	-0.01	-0.02	10.20
44	196	10.10	0.03	-2.03e-03	-0.73	0.0	-1.23	14.11	-0.03	-4.40e-03	0.03	-12.06
		-12.06	-0.02	8.00e-06	0.0	161.2	-1.23	13.38	-0.03	-4.40e-03	-0.02	10.10
44	202	9.25	0.03	-1.84e-03	-0.73	0.0	-1.53	13.16	-0.03	-1.79e-03	0.03	-11.38
		-11.38	-0.02	6.46e-06	0.0	161.2	-1.53	12.43	-0.03	-1.79e-03	-0.02	9.25
44	206	7.88	0.02	-1.60e-03	-0.73	0.0	-0.54	10.91	-0.02	-5.80e-03	0.02	-9.13
		-9.13	-0.02	7.19e-06	0.0	161.2	-0.54	10.19	-0.02	-5.80e-03	-0.02	7.88
44	211	2.61	7.99e-03	-5.44e-04	-0.73	0.0	-0.17	3.94	-8.79e-03	-2.06e-03	7.99e-03	-3.16
		-3.16	-6.18e-03	2.18e-06	0.0	161.2	-0.17	3.22	-8.79e-03	-2.06e-03	-6.18e-03	2.61
44	226	7.32	0.02	-1.48e-03	-0.73	0.0	-0.68	10.26	-0.02	-4.39e-03	0.02	-8.64
		-8.64	-0.01	6.30e-06	0.0	161.2	-0.68	9.53	-0.02	-4.39e-03	-0.01	7.32
44	227	2.61	8.63e-03	-5.45e-04	-0.73	0.0	-0.21	3.95	-8.97e-03	-2.02e-03	8.63e-03	-3.17
		-3.17	-5.83e-03	2.50e-06	0.0	161.2	-0.21	3.22	-8.97e-03	-2.02e-03	-5.83e-03	2.61
44	230	7.35	0.02	-1.50e-03	-0.73	0.0	-0.50	10.21	-0.02	-5.41e-03	0.02	-8.53
		-8.53	-0.01	6.72e-06	0.0	161.2	-0.50	9.49	-0.02	-5.41e-03	-0.01	7.35
45	16	14.81	1.57e-05	-3.27e-03	-0.94	0.0	-7.77	11.91	-2.22e-03	-0.01	1.57e-05	-3.63
		-3.63	-3.57e-03	4.98e-06	0.0	161.2	-7.77	10.97	-2.22e-03	-0.01	-3.57e-03	14.81

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
45	24	13.62	2.31e-05	-3.01e-03	-0.94	0.0	-7.41	10.97	-3.19e-03	-0.01	2.31e-05	-3.31
		-3.31	-5.12e-03	7.37e-06	0.0	161.2	-7.41	10.03	-3.19e-03	-0.01	-5.12e-03	13.62
45	49	2.60	3.92e-03	-5.92e-04	-0.73	0.0	-0.64	2.45	2.45e-03	-2.35e-03	-1.87e-05	-0.77
		-0.77	-1.87e-05	-6.01e-06	0.0	161.2	-0.64	1.73	2.45e-03	-2.35e-03	3.92e-03	2.60
45	68	13.42	2.43e-06	-2.92e-03	-0.94	0.0	-8.88	10.65	-4.96e-04	-2.79e-03	2.43e-06	-2.99
		-2.99	-7.97e-04	0.0	0.0	161.2	-8.88	9.70	-4.96e-04	-2.79e-03	-7.97e-04	13.42
45	88	13.60	5.30e-06	-2.98e-03	-0.94	0.0	-7.11	11.73	-8.63e-04	-0.02	5.30e-06	-4.55
		-4.55	-1.39e-03	1.64e-06	0.0	161.2	-7.11	10.78	-8.63e-04	-0.02	-1.39e-03	13.60
45	98	7.30	-5.02e-04	-1.60e-03	-0.73	0.0	-4.92	6.19	-0.01	-7.55e-03	-5.02e-04	-2.09
		-2.09	-0.02	2.60e-05	0.0	161.2	-4.92	5.46	-0.01	-7.55e-03	-0.02	7.30
45	99	7.43	0.02	-1.66e-03	-0.73	0.0	-2.77	5.97	0.01	-3.68e-03	5.06e-04	-1.60
		-1.60	5.06e-04	-2.47e-05	0.0	161.2	-2.77	5.24	0.01	-3.68e-03	0.02	7.43
45	118	6.94	-1.16e-03	-1.42e-03	-0.73	0.0	-5.24	6.93	-3.40e-03	-0.01	-1.16e-03	-3.65
		-3.65	-8.98e-03	2.82e-04	0.0	161.2	-5.24	6.20	-3.40e-03	-0.01	-8.98e-03	6.94
45	119	7.80	7.83e-03	-1.85e-03	-0.73	0.0	-2.45	5.23	2.69e-03	2.30e-03	1.16e-03	-0.05
		-0.05	1.16e-03	-2.80e-04	0.0	161.2	-2.45	4.50	2.69e-03	2.30e-03	7.83e-03	7.80
45	121	7.84	1.21e-03	-1.87e-03	-0.73	0.0	-2.87	5.14	-4.20e-03	2.93e-03	1.21e-03	0.15
		0.15	-3.22e-03	-2.67e-04	0.0	161.2	-2.87	4.41	-4.20e-03	2.93e-03	-3.22e-03	7.84
45	124	6.89	2.08e-03	-1.40e-03	-0.73	0.0	-4.81	7.02	3.48e-03	-0.01	-1.20e-03	-3.84
		-3.84	-1.20e-03	2.68e-04	0.0	161.2	-4.81	6.30	3.48e-03	-0.01	2.08e-03	6.89
45	130	7.33	-2.68e-04	-1.62e-03	-0.73	0.0	-4.42	6.14	-7.03e-03	-6.64e-03	-2.68e-04	-1.98
		-1.98	-0.01	1.46e-05	0.0	161.2	-4.42	5.41	-7.03e-03	-6.64e-03	-0.01	7.33
45	131	7.40	0.01	-1.65e-03	-0.73	0.0	-3.27	6.02	6.32e-03	-4.58e-03	2.73e-04	-1.72
		-1.72	2.73e-04	-1.34e-05	0.0	161.2	-3.27	5.29	6.32e-03	-4.58e-03	0.01	7.40
45	150	7.14	-6.23e-04	-1.52e-03	-0.73	0.0	-4.59	6.53	-1.98e-03	-9.83e-03	-6.23e-04	-2.81
		-2.81	-5.06e-03	1.52e-04	0.0	161.2	-4.59	5.81	-1.98e-03	-9.83e-03	-5.06e-03	7.14
45	151	7.60	3.91e-03	-1.75e-03	-0.73	0.0	-3.10	5.63	1.26e-03	-1.39e-03	6.27e-04	-0.89
		-0.89	6.27e-04	-1.51e-04	0.0	161.2	-3.10	4.90	1.26e-03	-1.39e-03	3.91e-03	7.60
45	153	7.62	6.50e-04	-1.76e-03	-0.73	0.0	-3.33	5.58	-2.41e-03	-1.06e-03	6.50e-04	-0.78
		-0.78	-1.98e-03	-1.44e-04	0.0	161.2	-3.33	4.85	-2.41e-03	-1.06e-03	-1.98e-03	7.62
45	156	7.11	8.34e-04	-1.51e-03	-0.73	0.0	-4.36	6.58	1.69e-03	-0.01	-6.45e-04	-2.91
		-2.91	-6.45e-04	1.45e-04	0.0	161.2	-4.36	5.86	1.69e-03	-0.01	8.34e-04	7.11
45	166	10.22	1.05e-05	-2.26e-03	-0.73	0.0	-5.30	8.26	-1.49e-03	-7.62e-03	1.05e-05	-2.51
		-2.51	-2.39e-03	3.34e-06	0.0	161.2	-5.30	7.54	-1.49e-03	-7.62e-03	-2.39e-03	10.22
45	170	9.43	1.55e-05	-2.09e-03	-0.73	0.0	-5.06	7.64	-2.14e-03	-6.96e-03	1.55e-05	-2.30
		-2.30	-3.43e-03	4.93e-06	0.0	161.2	-5.06	6.91	-2.14e-03	-6.96e-03	-3.43e-03	9.43
45	179	2.61	2.58e-03	-5.95e-04	-0.73	0.0	-0.73	2.44	1.60e-03	-2.27e-03	-1.23e-05	-0.74
		-0.74	-1.23e-05	-3.95e-06	0.0	161.2	-0.73	1.71	1.60e-03	-2.27e-03	2.58e-03	2.61
45	192	9.30	1.69e-06	-2.03e-03	-0.73	0.0	-6.05	7.42	-3.41e-04	-2.14e-03	1.69e-06	-2.08
		-2.08	-5.48e-04	0.0	0.0	161.2	-6.05	6.69	-3.41e-04	-2.14e-03	-5.48e-04	9.30
45	202	9.41	3.60e-06	-2.07e-03	-0.73	0.0	-4.87	8.14	-5.86e-04	-0.01	3.60e-06	-3.13
		-3.13	-9.41e-04	1.12e-06	0.0	161.2	-4.87	7.41	-5.86e-04	-0.01	-9.41e-04	9.41
45	206	7.90	2.20e-06	-1.75e-03	-0.73	0.0	-4.05	6.49	-3.74e-04	-6.01e-03	2.20e-06	-1.98
		-1.98	-6.02e-04	0.0	0.0	161.2	-4.05	5.76	-3.74e-04	-6.01e-03	-6.02e-04	7.90
45	210	7.86	2.26e-06	-1.74e-03	-0.73	0.0	-4.17	6.46	-3.88e-04	-5.98e-03	2.26e-06	-1.97
		-1.97	-6.24e-04	0.0	0.0	161.2	-4.17	5.73	-3.88e-04	-5.98e-03	-6.24e-04	7.86
45	214	7.37	4.65e-06	-1.63e-03	-0.73	0.0	-3.87	6.07	-6.93e-04	-5.58e-03	4.65e-06	-1.84
		-1.84	-1.11e-03	1.46e-06	0.0	161.2	-3.87	5.35	-6.93e-04	-5.58e-03	-1.11e-03	7.37
45	215	2.62	4.18e-04	-6.00e-04	-0.73	0.0	-0.88	2.42	2.60e-04	-2.13e-03	-2.05e-06	-0.70
		-0.70	-2.05e-06	0.0	0.0	161.2	-0.88	1.69	2.60e-04	-2.13e-03	4.18e-04	2.62
45	226	7.37	2.27e-06	-1.63e-03	-0.73	0.0	-3.83	6.17	-3.83e-04	-6.49e-03	2.27e-06	-2.00
		-2.00	-6.15e-04	0.0	0.0	161.2	-3.83	5.45	-3.83e-04	-6.49e-03	-6.15e-04	7.37
45	227	2.62	0.0	-6.01e-04	-0.73	0.0	-0.92	2.41	-7.59e-05	-2.09e-03	0.0	-0.69
		-0.69	-1.22e-04	0.0	0.0	161.2	-0.92	1.69	-7.59e-05	-2.09e-03	-1.22e-04	2.62
45	230	7.37	2.08e-06	-1.63e-03	-0.73	0.0	-3.84	6.08	-3.57e-04	-5.61e-03	2.08e-06	-1.85
		-1.85	-5.73e-04	0.0	0.0	161.2	-3.84	5.35	-3.57e-04	-5.61e-03	-5.73e-04	7.37
46	25	2.60	-2.77e-03	-5.39e-04	-0.73	0.0	-0.07	3.92	-7.13e-04	-2.35e-03	-2.77e-03	-3.13
		-3.13	-3.92e-03	-2.02e-06	0.0	161.2	-0.07	3.19	-7.13e-04	-2.35e-03	-3.92e-03	2.60
46	36	14.81	3.57e-03	-3.00e-03	-0.94	0.0	-1.18	20.24	1.18e-03	-0.01	1.66e-03	-17.06
		-17.06	1.66e-03	1.53e-06	0.0	161.2	-1.18	19.30	1.18e-03	-0.01	3.57e-03	14.81
46	48	13.62	5.12e-03	-2.77e-03	-0.94	0.0	-1.09	18.68	1.46e-03	-0.01	2.77e-03	-15.73
		-15.73	2.77e-03	2.34e-06	0.0	161.2	-1.09	17.73	1.46e-03	-0.01	5.12e-03	13.62
46	76	14.69	9.72e-04	-2.95e-03	-0.94	0.0	-1.97	20.44	6.85e-04	-6.67e-03	-1.33e-04	-17.50
		-17.50	-1.33e-04	0.0	0.0	161.2	-1.97	19.49	6.85e-04	-6.67e-03	9.72e-04	14.69
46	88	13.42	7.97e-04	-2.67e-03	-0.94	0.0	-2.41	19.00	6.32e-04	-2.79e-03	-2.22e-04	-16.46
		-16.46	-2.22e-04	0.0	0.0	161.2	-2.41	18.06	6.32e-04	-2.79e-03	7.97e-04	13.42
46	102	7.43	-4.39e-03	-1.53e-03	-0.73	0.0	-0.29	10.37	-9.46e-03	-3.68e-03	-4.39e-03	-8.70
		-8.70	-0.02	2.80e-05	0.0	161.2	-0.29	9.64	-9.46e-03	-3.68e-03	-0.02	7.43

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
46	103	7.30	0.02	-1.47e-03	-0.73	0.0	-0.87	10.12	0.01	-7.55e-03	4.39e-03	-8.42
		-8.42	4.39e-03	-2.77e-05	0.0	161.2	-0.87	9.39	0.01	-7.55e-03	0.02	7.30
46	105	7.16	-4.12e-03	-1.41e-03	-0.73	0.0	-0.21	9.79	-9.58e-03	-7.24e-03	-4.12e-03	-8.04
		-8.04	-0.02	9.12e-05	0.0	161.2	-0.21	9.07	-9.58e-03	-7.24e-03	-0.02	7.16
46	108	7.57	0.02	-1.60e-03	-0.73	0.0	-0.95	10.69	0.01	-3.98e-03	4.12e-03	-9.08
		-9.08	4.12e-03	-9.09e-05	0.0	161.2	-0.95	9.97	0.01	-3.98e-03	0.02	7.57
46	112	7.84	3.22e-03	-1.72e-03	-0.73	0.0	-0.75	11.25	3.79e-03	2.93e-03	1.00e-03	-9.72
		-9.72	1.00e-03	-1.57e-04	0.0	161.2	-0.75	10.53	3.79e-03	2.93e-03	3.22e-03	7.84
46	134	7.40	-2.34e-03	-1.52e-03	-0.73	0.0	-0.43	10.31	-4.88e-03	-4.58e-03	-2.34e-03	-8.64
		-8.64	-0.01	1.48e-05	0.0	161.2	-0.43	9.58	-4.88e-03	-4.58e-03	-0.01	7.40
46	135	7.33	0.01	-1.49e-03	-0.73	0.0	-0.73	10.17	5.59e-03	-6.64e-03	2.34e-03	-8.49
		-8.49	2.34e-03	-1.45e-05	0.0	161.2	-0.73	9.45	5.59e-03	-6.64e-03	0.01	7.33
46	137	7.26	-2.20e-03	-1.45e-03	-0.73	0.0	-0.38	10.00	-4.94e-03	-6.49e-03	-2.20e-03	-8.28
		-8.28	-0.01	4.90e-05	0.0	161.2	-0.38	9.28	-4.94e-03	-6.49e-03	-0.01	7.26
46	140	7.48	0.01	-1.55e-03	-0.73	0.0	-0.77	10.48	5.65e-03	-4.74e-03	2.20e-03	-8.84
		-8.84	2.20e-03	-4.88e-05	0.0	161.2	-0.77	9.76	5.65e-03	-4.74e-03	0.01	7.48
46	144	7.62	1.98e-03	-1.62e-03	-0.73	0.0	-0.67	10.78	2.19e-03	-1.06e-03	5.33e-04	-9.18
		-9.18	5.33e-04	-8.45e-05	0.0	161.2	-0.67	10.05	2.19e-03	-1.06e-03	1.98e-03	7.62
46	167	2.61	-1.85e-03	-5.41e-04	-0.73	0.0	-0.12	3.93	-4.50e-04	-2.27e-03	-1.85e-03	-3.15
		-3.15	-2.58e-03	-1.33e-06	0.0	161.2	-0.12	3.21	-4.50e-04	-2.27e-03	-2.58e-03	2.61
46	176	10.22	2.39e-03	-2.08e-03	-0.73	0.0	-0.81	14.02	7.97e-04	-7.62e-03	1.11e-03	-11.80
		-11.80	1.11e-03	1.03e-06	0.0	161.2	-0.81	13.30	7.97e-04	-7.62e-03	2.39e-03	10.22
46	182	9.43	3.43e-03	-1.92e-03	-0.73	0.0	-0.76	12.98	9.81e-04	-6.96e-03	1.85e-03	-10.91
		-10.91	1.85e-03	1.57e-06	0.0	161.2	-0.76	12.25	9.81e-04	-6.96e-03	3.43e-03	9.43
46	196	10.14	6.64e-04	-2.04e-03	-0.73	0.0	-1.34	14.15	4.67e-04	-4.73e-03	-8.87e-05	-12.09
		-12.09	-8.87e-05	0.0	0.0	161.2	-1.34	13.43	4.67e-04	-4.73e-03	6.64e-04	10.14
46	202	9.30	5.48e-04	-1.85e-03	-0.73	0.0	-1.64	13.20	4.31e-04	-2.14e-03	-1.48e-04	-11.39
		-11.39	-1.48e-04	0.0	0.0	161.2	-1.64	12.47	4.31e-04	-2.14e-03	5.48e-04	9.30
46	206	7.90	6.02e-04	-1.61e-03	-0.73	0.0	-0.62	10.94	3.73e-04	-6.01e-03	0.0	-9.16
		-9.16	0.0	0.0	0.0	161.2	-0.62	10.22	3.73e-04	-6.01e-03	6.02e-04	7.90
46	211	2.62	-3.70e-04	-5.46e-04	-0.73	0.0	-0.21	3.95	-2.96e-05	-2.13e-03	-3.70e-04	-3.17
		-3.17	-4.18e-04	0.0	0.0	161.2	-0.21	3.23	-2.96e-05	-2.13e-03	-4.18e-04	2.62
46	218	7.37	1.11e-03	-1.50e-03	-0.73	0.0	-0.58	10.25	4.61e-04	-5.58e-03	3.70e-04	-8.57
		-8.57	3.70e-04	0.0	0.0	161.2	-0.58	9.52	4.61e-04	-5.58e-03	1.11e-03	7.37
46	226	7.34	5.36e-04	-1.49e-03	-0.73	0.0	-0.76	10.29	3.51e-04	-4.61e-03	-2.96e-05	-8.66
		-8.66	-2.96e-05	0.0	0.0	161.2	-0.76	9.56	3.51e-04	-4.61e-03	5.36e-04	7.34
46	227	2.62	1.22e-04	-5.47e-04	-0.73	0.0	-0.23	3.96	7.56e-05	-2.09e-03	0.0	-3.18
		-3.18	0.0	0.0	0.0	161.2	-0.23	3.23	7.56e-05	-2.09e-03	1.22e-04	2.62
46	228	6.57	5.30e-04	-1.34e-03	-0.73	0.0	-0.52	9.19	3.29e-04	-5.02e-03	0.0	-7.66
		-7.66	0.0	0.0	0.0	161.2	-0.52	8.46	3.29e-04	-5.02e-03	5.30e-04	6.57
46	230	7.37	5.73e-04	-1.50e-03	-0.73	0.0	-0.58	10.24	3.55e-04	-5.61e-03	0.0	-8.56
		-8.56	0.0	0.0	0.0	161.2	-0.58	9.52	3.55e-04	-5.61e-03	5.73e-04	7.37
47	16	14.74	0.03	-3.26e-03	-0.94	0.0	-8.10	11.86	0.02	-0.01	-1.22e-05	-3.62
		-3.62	-1.22e-05	1.71e-06	0.0	161.2	-8.10	10.92	0.02	-0.01	0.03	14.74
47	36	14.73	0.03	-3.25e-03	-0.94	0.0	-7.67	11.91	0.02	-0.01	-3.28e-05	-3.72
		-3.72	-3.28e-05	-6.22e-06	0.0	161.2	-7.67	10.96	0.02	-0.01	0.03	14.73
47	48	13.53	0.03	-2.98e-03	-0.94	0.0	-7.04	11.00	0.02	-0.01	-3.76e-05	-3.45
		-3.45	-3.76e-05	-7.81e-06	0.0	161.2	-7.04	10.06	0.02	-0.01	0.03	13.53
47	49	2.59	8.42e-03	-5.91e-04	-0.73	0.0	-0.60	2.45	5.24e-03	-2.28e-03	-2.24e-05	-0.76
		-0.76	-2.24e-05	-6.39e-06	0.0	161.2	-0.60	1.72	5.24e-03	-2.28e-03	8.42e-03	2.59
47	68	13.36	0.03	-2.90e-03	-0.94	0.0	-9.15	10.60	0.02	-2.28e-03	-3.46e-05	-2.97
		-2.97	-3.46e-05	-7.01e-06	0.0	161.2	-9.15	9.66	0.02	-2.28e-03	0.03	13.36
47	88	13.53	0.02	-2.98e-03	-0.94	0.0	-7.31	11.68	0.01	-0.02	-5.87e-06	-4.54
		-4.54	-5.87e-06	3.07e-06	0.0	161.2	-7.31	10.74	0.01	-0.02	0.02	13.53
47	98	7.23	-5.15e-04	-1.58e-03	-0.73	0.0	-5.47	6.26	-3.91e-03	-8.56e-03	-5.15e-04	-2.28
		-2.28	-6.77e-03	2.20e-05	0.0	161.2	-5.47	5.53	-3.91e-03	-8.56e-03	-6.77e-03	7.23
47	99	7.44	0.04	-1.68e-03	-0.73	0.0	-2.48	5.85	0.02	-2.27e-03	4.93e-04	-1.40
		-1.40	4.93e-04	-2.39e-05	0.0	161.2	-2.48	5.12	0.02	-2.27e-03	0.04	7.44
47	118	6.83	3.72e-03	-1.39e-03	-0.73	0.0	-5.65	7.09	2.95e-03	-0.01	-1.16e-03	-4.02
		-4.02	-1.16e-03	2.76e-04	0.0	161.2	-5.65	6.36	2.95e-03	-0.01	3.72e-03	6.83
47	119	7.85	0.03	-1.88e-03	-0.73	0.0	-2.30	5.02	0.02	4.07e-03	1.14e-03	0.33
		0.33	1.14e-03	-2.78e-04	0.0	161.2	-2.30	4.29	0.02	4.07e-03	0.03	7.85
47	121	7.89	0.01	-1.90e-03	-0.73	0.0	-2.92	4.93	8.58e-03	4.53e-03	1.18e-03	0.53
		0.53	1.18e-03	-2.65e-04	0.0	161.2	-2.92	4.20	8.58e-03	4.53e-03	0.01	7.89
47	124	6.78	0.01	-1.37e-03	-0.73	0.0	-5.03	7.18	9.53e-03	-0.02	-1.20e-03	-4.21
		-4.21	-1.20e-03	2.63e-04	0.0	161.2	-5.03	6.46	9.53e-03	-0.02	0.01	6.78
47	131	7.39	0.03	-1.65e-03	-0.73	0.0	-3.18	5.95	0.02	-3.73e-03	2.59e-04	-1.61
		-1.61	2.59e-04	-1.37e-05	0.0	161.2	-3.18	5.22	0.02	-3.73e-03	0.03	7.39

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
47	147	7.52	0.02	-1.72e-03	-0.73	0.0	-3.36	5.69	0.01	-3.81e-03	-6.67e-04	-1.06
		-1.06	-6.67e-04	-1.39e-04	0.0	161.2	-3.36	4.96	0.01	-3.81e-03	0.02	7.52
47	150	7.06	8.79e-03	-1.50e-03	-0.73	0.0	-4.87	6.61	5.80e-03	-0.01	-6.30e-04	-3.00
		-3.00	-6.30e-04	1.48e-04	0.0	161.2	-4.87	5.88	5.80e-03	-0.01	8.79e-03	7.06
47	151	7.61	0.02	-1.76e-03	-0.73	0.0	-3.08	5.50	0.01	-3.53e-04	6.07e-04	-0.68
		-0.68	6.07e-04	-1.50e-04	0.0	161.2	-3.08	4.78	0.01	-3.53e-04	0.02	7.61
47	153	7.63	0.01	-1.77e-03	-0.73	0.0	-3.41	5.45	8.80e-03	-1.08e-04	6.29e-04	-0.58
		-0.58	6.29e-04	-1.43e-04	0.0	161.2	-3.41	4.73	8.80e-03	-1.08e-04	0.01	7.63
47	156	7.04	0.01	-1.49e-03	-0.73	0.0	-4.54	6.66	9.31e-03	-0.01	-6.52e-04	-3.11
		-3.11	-6.52e-04	1.41e-04	0.0	161.2	-4.54	5.93	9.31e-03	-0.01	0.01	7.04
47	166	10.18	0.02	-2.25e-03	-0.73	0.0	-5.53	8.23	0.01	-7.35e-03	-8.85e-06	-2.51
		-2.51	-8.85e-06	-1.08e-06	0.0	161.2	-5.53	7.50	0.01	-7.35e-03	0.02	10.18
47	176	10.17	0.02	-2.24e-03	-0.73	0.0	-5.24	8.26	0.01	-7.56e-03	-2.26e-05	-2.57
		-2.57	-2.26e-05	-4.27e-06	0.0	161.2	-5.24	7.53	0.01	-7.56e-03	0.02	10.17
47	179	2.60	7.56e-03	-5.94e-04	-0.73	0.0	-0.72	2.43	4.70e-03	-2.20e-03	-1.67e-05	-0.74
		-0.74	-1.67e-05	-4.49e-06	0.0	161.2	-0.72	1.71	4.70e-03	-2.20e-03	7.56e-03	2.60
47	182	9.37	0.02	-2.07e-03	-0.73	0.0	-4.82	7.66	0.01	-7.06e-03	-2.57e-05	-2.39
		-2.39	-2.57e-05	-5.32e-06	0.0	161.2	-4.82	6.93	0.01	-7.06e-03	0.02	9.37
47	192	9.26	0.02	-2.02e-03	-0.73	0.0	-6.23	7.39	0.01	-1.79e-03	-2.38e-05	-2.07
		-2.07	-2.38e-05	-4.79e-06	0.0	161.2	-6.23	6.66	0.01	-1.79e-03	0.02	9.26
47	202	9.37	0.02	-2.07e-03	-0.73	0.0	-5.00	8.11	0.01	-0.01	-4.62e-06	-3.12
		-3.12	-4.62e-06	1.96e-06	0.0	161.2	-5.00	7.38	0.01	-0.01	0.02	9.37
47	206	7.86	0.02	-1.74e-03	-0.73	0.0	-4.19	6.46	9.72e-03	-5.80e-03	-1.22e-05	-1.97
		-1.97	-1.22e-05	-1.98e-06	0.0	161.2	-4.19	5.74	9.72e-03	-5.80e-03	0.02	7.86
47	210	7.83	0.02	-1.73e-03	-0.73	0.0	-4.31	6.43	9.61e-03	-5.77e-03	-1.19e-05	-1.96
		-1.96	-1.19e-05	-1.90e-06	0.0	161.2	-4.31	5.71	9.61e-03	-5.77e-03	0.02	7.83
47	215	2.61	6.18e-03	-5.98e-04	-0.73	0.0	-0.92	2.41	3.84e-03	-2.06e-03	-7.58e-06	-0.70
		-0.70	-7.58e-06	-1.54e-06	0.0	161.2	-0.92	1.69	3.84e-03	-2.06e-03	6.18e-03	2.61
47	218	7.33	0.01	-1.63e-03	-0.73	0.0	-3.92	6.06	9.27e-03	-5.45e-03	-1.36e-05	-1.85
		-1.85	-1.36e-05	-2.37e-06	0.0	161.2	-3.92	5.33	9.27e-03	-5.45e-03	0.01	7.33
47	226	7.33	0.01	-1.63e-03	-0.73	0.0	-3.96	6.15	8.85e-03	-6.31e-03	-9.36e-06	-2.00
		-2.00	-9.36e-06	-1.39e-06	0.0	161.2	-3.96	5.42	8.85e-03	-6.31e-03	0.01	7.33
47	227	2.61	5.83e-03	-5.99e-04	-0.73	0.0	-0.97	2.41	3.62e-03	-2.02e-03	-5.30e-06	-0.69
		-0.69	-5.30e-06	0.0	0.0	161.2	-0.97	1.68	3.62e-03	-2.02e-03	5.83e-03	2.61
47	230	7.34	0.01	-1.63e-03	-0.73	0.0	-3.98	6.06	9.05e-03	-5.41e-03	-1.13e-05	-1.84
		-1.84	-1.13e-05	-1.82e-06	0.0	161.2	-3.98	5.33	9.05e-03	-5.41e-03	0.01	7.34
48	16	14.75	0.03	-2.98e-03	-0.94	0.0	-1.08	20.14	0.05	0.01	-0.05	-16.95
		-16.95	-0.05	-1.53e-05	0.0	161.2	-1.08	19.19	0.05	0.01	0.03	14.75
48	36	14.77	0.03	-2.99e-03	-0.94	0.0	-0.84	20.18	0.05	0.01	-0.04	-17.01
		-17.01	-0.04	-1.10e-05	0.0	161.2	-0.84	19.23	0.05	0.01	0.03	14.77
48	49	2.62	9.49e-03	-5.52e-04	-0.73	0.0	0.07	3.98	8.27e-03	1.83e-03	-3.85e-03	-3.21
		-3.21	-3.85e-03	0.0	0.0	161.2	0.07	3.26	8.27e-03	1.83e-03	9.49e-03	2.62
48	56	14.77	0.03	-2.99e-03	-0.94	0.0	-1.12	19.73	0.05	0.01	-0.04	-16.28
		-16.28	-0.04	-1.43e-05	0.0	161.2	-1.12	18.78	0.05	0.01	0.03	14.77
48	76	14.63	0.03	-2.93e-03	-0.94	0.0	-1.78	20.38	0.05	6.21e-03	-0.05	-17.46
		-17.46	-0.05	-1.10e-05	0.0	161.2	-1.78	19.43	0.05	6.21e-03	0.03	14.63
48	88	13.36	0.03	-2.66e-03	-0.94	0.0	-2.21	18.95	0.04	2.29e-03	-0.04	-16.43
		-16.43	-0.04	-8.88e-06	0.0	161.2	-2.21	18.00	0.04	2.29e-03	0.03	13.36
48	98	7.44	-1.23e-03	-1.54e-03	-0.73	0.0	-1.52	10.43	0.02	2.91e-03	-0.03	-8.79
		-8.79	-0.03	-1.10e-04	0.0	161.2	-1.52	9.70	0.02	2.91e-03	-1.23e-03	7.44
48	99	7.26	0.03	-1.45e-03	-0.73	0.0	0.51	10.00	0.03	7.93e-03	-0.02	-8.27
		-8.27	-0.02	9.74e-05	0.0	161.2	0.51	9.27	0.03	7.93e-03	0.03	7.26
48	108	7.58	0.04	-1.61e-03	-0.73	0.0	0.42	10.76	0.04	8.08e-04	-0.02	-9.19
		-9.19	-0.02	-9.60e-05	0.0	161.2	0.42	10.03	0.04	8.08e-04	0.04	7.58
48	124	7.85	0.03	-1.74e-03	-0.73	0.0	-0.36	11.41	0.03	-4.51e-03	-0.02	-9.96
		-9.96	-0.02	-5.51e-05	0.0	161.2	-0.36	10.68	0.03	-4.51e-03	0.03	7.85
48	130	7.40	6.68e-03	-1.52e-03	-0.73	0.0	-1.04	10.33	0.02	4.08e-03	-0.03	-8.67
		-8.67	-0.03	-6.22e-05	0.0	161.2	-1.04	9.60	0.02	4.08e-03	6.68e-03	7.40
48	131	7.30	0.02	-1.47e-03	-0.73	0.0	0.04	10.10	0.03	6.76e-03	-0.02	-8.40
		-8.40	-0.02	4.93e-05	0.0	161.2	0.04	9.37	0.03	6.76e-03	0.02	7.30
48	140	7.47	0.03	-1.55e-03	-0.73	0.0	-0.01	10.50	0.03	2.96e-03	-0.02	-8.88
		-8.88	-0.02	-5.46e-05	0.0	161.2	-0.01	9.78	0.03	2.96e-03	0.03	7.47
48	156	7.62	0.02	-1.62e-03	-0.73	0.0	-0.43	10.85	0.03	1.23e-04	-0.02	-9.29
		-9.29	-0.02	-3.36e-05	0.0	161.2	-0.43	10.12	0.03	1.23e-04	0.02	7.62
48	166	10.18	0.02	-2.06e-03	-0.73	0.0	-0.74	13.95	0.03	7.54e-03	-0.03	-11.73
		-11.73	-0.03	-1.05e-05	0.0	161.2	-0.74	13.22	0.03	7.54e-03	0.02	10.18
48	176	10.19	0.02	-2.07e-03	-0.73	0.0	-0.59	13.98	0.03	7.39e-03	-0.03	-11.76
		-11.76	-0.03	-7.64e-06	0.0	161.2	-0.59	13.25	0.03	7.39e-03	0.02	10.19

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
48	179	2.62	8.35e-03	-5.50e-04	-0.73	0.0	-0.02	3.97	8.55e-03	1.89e-03	-5.44e-03	-3.20
		-3.20	-5.44e-03	0.0	0.0	161.2	-0.02	3.24	8.55e-03	1.89e-03	8.35e-03	2.62
48	186	10.20	0.02	-2.07e-03	-0.73	0.0	-0.77	13.68	0.03	0.01	-0.03	-11.27
		-11.27	-0.03	-9.86e-06	0.0	161.2	-0.77	12.95	0.03	0.01	0.02	10.20
48	196	10.10	0.02	-2.03e-03	-0.73	0.0	-1.22	14.11	0.03	4.41e-03	-0.03	-12.06
		-12.06	-0.03	-7.68e-06	0.0	161.2	-1.22	13.38	0.03	4.41e-03	0.02	10.10
48	202	9.25	0.02	-1.84e-03	-0.73	0.0	-1.50	13.16	0.03	1.79e-03	-0.03	-11.38
		-11.38	-0.03	-6.24e-06	0.0	161.2	-1.50	12.43	0.03	1.79e-03	0.02	9.25
48	206	7.88	0.02	-1.60e-03	-0.73	0.0	-0.54	10.91	0.03	5.80e-03	-0.02	-9.13
		-9.13	-0.02	-6.87e-06	0.0	161.2	-0.54	10.19	0.03	5.80e-03	0.02	7.88
48	215	2.61	6.53e-03	-5.46e-04	-0.73	0.0	-0.17	3.95	9.01e-03	2.00e-03	-7.99e-03	-3.17
		-3.17	-7.99e-03	-1.99e-06	0.0	161.2	-0.17	3.23	9.01e-03	2.00e-03	6.53e-03	2.61
48	226	7.32	0.02	-1.48e-03	-0.73	0.0	-0.68	10.26	0.02	4.40e-03	-0.02	-8.64
		-8.64	-0.02	-6.03e-06	0.0	161.2	-0.68	9.53	0.02	4.40e-03	0.02	7.32
48	227	2.61	6.08e-03	-5.45e-04	-0.73	0.0	-0.21	3.95	9.12e-03	2.02e-03	-8.63e-03	-3.17
		-3.17	-8.63e-03	-2.39e-06	0.0	161.2	-0.21	3.22	9.12e-03	2.02e-03	6.08e-03	2.61
48	230	7.35	0.02	-1.50e-03	-0.73	0.0	-0.50	10.21	0.02	5.42e-03	-0.02	-8.53
		-8.53	-0.02	-6.42e-06	0.0	161.2	-0.50	9.49	0.02	5.42e-03	0.02	7.35
49	4	9.66	7.06	7.63e-03	-11.28	0.0	-1.58	0.0	-4.12	-3.73e-03	7.06	9.66
		0.0	0.0	1.52e-04	0.0	171.2	-1.58	-11.28	-4.12	-3.73e-03	0.0	0.0
49	24	9.13	6.67	7.21e-03	-10.66	0.0	-2.37	0.0	-3.90	-4.21e-03	6.67	9.13
		0.0	0.0	1.43e-04	0.0	171.2	-2.37	-10.66	-3.90	-4.21e-03	0.0	0.0
49	36	9.66	7.06	7.63e-03	-11.28	0.0	-1.41	0.0	-4.12	-3.50e-03	7.06	9.66
		0.0	0.0	1.53e-04	0.0	171.2	-1.41	-11.28	-4.12	-3.50e-03	0.0	0.0
49	89	0.99	0.73	7.82e-04	-1.16	0.0	0.68	0.0	-0.42	-2.00e-03	0.73	0.99
		0.0	0.0	2.70e-05	0.0	171.2	0.68	-1.16	-0.42	-2.00e-03	0.0	0.0
49	91	2.23	1.63	1.76e-03	-2.61	0.0	0.43	0.0	-0.95	-2.71e-03	1.63	2.23
		0.0	0.0	4.61e-05	0.0	171.2	0.43	-2.61	-0.95	-2.71e-03	0.0	0.0
49	92	8.83	6.46	6.97e-03	-10.31	0.0	-0.49	0.0	-3.77	-4.57e-03	6.46	8.83
		0.0	0.0	1.50e-04	0.0	171.2	-0.49	-10.31	-3.77	-4.57e-03	0.0	0.0
49	115	4.87	3.56	3.84e-03	-5.68	0.0	-1.44	2.27e-04	-2.08	-1.33e-03	3.56	4.87
		0.0	0.0	-3.61e-04	0.0	171.2	-1.44	-5.68	-2.08	-1.33e-03	0.0	0.0
49	117	4.86	3.56	3.84e-03	-5.68	0.0	-1.88	3.66e-04	-2.08	3.63e-05	3.56	4.86
		0.0	0.0	3.13e-04	0.0	171.2	-1.88	-5.68	-2.08	3.63e-05	0.0	0.0
49	118	4.87	3.55	3.85e-03	-5.68	0.0	0.20	-3.75e-04	-2.07	-3.77e-03	3.55	4.87
		0.0	0.0	-4.25e-04	0.0	171.2	0.20	-5.68	-2.07	-3.77e-03	0.0	0.0
49	119	4.86	3.56	3.84e-03	-5.68	0.0	-1.80	3.75e-04	-2.08	7.66e-05	3.56	4.86
		0.0	0.0	3.62e-04	0.0	171.2	-1.80	-5.68	-2.08	7.66e-05	0.0	0.0
49	120	4.87	3.55	3.85e-03	-5.68	0.0	0.29	-3.66e-04	-2.07	-3.73e-03	3.55	4.87
		0.0	0.0	-3.72e-04	0.0	171.2	0.29	-5.68	-2.07	-3.73e-03	0.0	0.0
49	124	4.87	3.55	3.85e-03	-5.68	0.0	0.28	-3.68e-04	-2.07	-3.87e-03	3.55	4.87
		0.0	0.0	-4.24e-04	0.0	171.2	0.28	-5.68	-2.07	-3.87e-03	0.0	0.0
49	147	4.87	3.56	3.84e-03	-5.68	0.0	-1.14	1.22e-04	-2.08	-1.56e-03	3.56	4.87
		0.0	0.0	-2.04e-04	0.0	171.2	-1.14	-5.68	-2.08	-1.56e-03	0.0	0.0
49	149	4.87	3.56	3.84e-03	-5.68	0.0	-1.38	1.95e-04	-2.08	-8.43e-04	3.56	4.87
		0.0	0.0	1.89e-04	0.0	171.2	-1.38	-5.68	-2.08	-8.43e-04	0.0	0.0
49	150	4.87	3.55	3.84e-03	-5.68	0.0	-0.26	-2.00e-04	-2.08	-2.88e-03	3.55	4.87
		0.0	0.0	-2.41e-04	0.0	171.2	-0.26	-5.68	-2.08	-2.88e-03	0.0	0.0
49	151	4.87	3.56	3.84e-03	-5.68	0.0	-1.33	2.00e-04	-2.08	-8.21e-04	3.56	4.87
		0.0	0.0	2.09e-04	0.0	171.2	-1.33	-5.68	-2.08	-8.21e-04	0.0	0.0
49	152	4.87	3.55	3.84e-03	-5.68	0.0	-0.22	-1.95e-04	-2.08	-2.85e-03	3.55	4.87
		0.0	0.0	-2.13e-04	0.0	171.2	-0.22	-5.68	-2.08	-2.85e-03	0.0	0.0
49	156	4.87	3.55	3.84e-03	-5.68	0.0	-0.22	-1.97e-04	-2.08	-2.92e-03	3.55	4.87
		0.0	0.0	-2.41e-04	0.0	171.2	-0.22	-5.68	-2.08	-2.92e-03	0.0	0.0
49	160	6.57	4.81	5.19e-03	-7.68	0.0	-1.09	0.0	-2.81	-2.57e-03	4.81	6.57
		0.0	0.0	1.04e-04	0.0	171.2	-1.09	-7.68	-2.81	-2.57e-03	0.0	0.0
49	170	6.22	4.55	4.91e-03	-7.26	0.0	-1.61	0.0	-2.65	-2.90e-03	4.55	6.22
		0.0	0.0	9.74e-05	0.0	171.2	-1.61	-7.26	-2.65	-2.90e-03	0.0	0.0
49	176	6.57	4.81	5.19e-03	-7.68	0.0	-0.97	0.0	-2.81	-2.42e-03	4.81	6.57
		0.0	0.0	1.04e-04	0.0	171.2	-0.97	-7.68	-2.81	-2.42e-03	0.0	0.0
49	199	0.99	0.73	7.82e-04	-1.16	0.0	0.38	0.0	-0.42	-1.55e-03	0.73	0.99
		0.0	0.0	2.30e-05	0.0	171.2	0.38	-1.16	-0.42	-1.55e-03	0.0	0.0
49	201	1.82	1.33	1.43e-03	-2.12	0.0	0.21	0.0	-0.78	-2.02e-03	1.33	1.82
		0.0	0.0	3.60e-05	0.0	171.2	0.21	-2.12	-0.78	-2.02e-03	0.0	0.0
49	202	6.22	4.55	4.91e-03	-7.26	0.0	-0.41	0.0	-2.65	-3.27e-03	4.55	6.22
		0.0	0.0	1.05e-04	0.0	171.2	-0.41	-7.26	-2.65	-3.27e-03	0.0	0.0
49	210	5.31	3.88	4.19e-03	-6.20	0.0	-0.86	0.0	-2.26	-1.97e-03	3.88	5.31
		0.0	0.0	8.35e-05	0.0	171.2	-0.86	-6.20	-2.26	-1.97e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
49	214	4.87	3.56	3.84e-03	-5.68	0.0	-0.92	0.0	-2.08	-1.95e-03	3.56	4.87
		0.0	0.0	7.65e-05	0.0	171.2	-0.92	-5.68	-2.08	-1.95e-03	0.0	0.0
49	223	0.99	0.73	7.82e-04	-1.16	0.0	-0.11	0.0	-0.42	-8.30e-04	0.73	0.99
		0.0	0.0	1.72e-05	0.0	171.2	-0.11	-1.16	-0.42	-8.30e-04	0.0	0.0
49	225	1.35	0.98	1.06e-03	-1.57	0.0	-0.18	0.0	-0.57	-1.03e-03	0.98	1.35
		0.0	0.0	2.28e-05	0.0	171.2	-0.18	-1.57	-0.57	-1.03e-03	0.0	0.0
49	226	4.87	3.56	3.84e-03	-5.68	0.0	-0.67	0.0	-2.08	-2.03e-03	3.56	4.87
		0.0	0.0	7.80e-05	0.0	171.2	-0.67	-5.68	-2.08	-2.03e-03	0.0	0.0
49	227	0.99	0.73	7.82e-04	-1.16	0.0	-0.23	0.0	-0.42	-6.50e-04	0.73	0.99
		0.0	0.0	1.57e-05	0.0	171.2	-0.23	-1.16	-0.42	-6.50e-04	0.0	0.0
49	229	1.35	0.98	1.06e-03	-1.57	0.0	-0.30	0.0	-0.57	-8.53e-04	0.98	1.35
		0.0	0.0	2.13e-05	0.0	171.2	-0.30	-1.57	-0.57	-8.53e-04	0.0	0.0
49	230	4.87	3.56	3.84e-03	-5.68	0.0	-0.80	0.0	-2.08	-1.85e-03	3.56	4.87
		0.0	0.0	7.66e-05	0.0	171.2	-0.80	-5.68	-2.08	-1.85e-03	0.0	0.0
50	36	0.0	0.0	-1.51e-04	0.0	0.0	0.48	4.12	0.0	3.45e-03	-9.66	-7.06
		-7.06	-9.66	-7.63e-03	11.28	171.2	0.48	4.12	11.28	3.45e-03	0.0	0.0
50	56	0.0	0.0	-1.59e-04	0.0	0.0	1.00	4.12	0.0	4.53e-03	-9.66	-7.06
		-7.06	-9.66	-7.63e-03	11.28	171.2	1.00	4.12	11.28	4.53e-03	0.0	0.0
50	68	0.0	0.0	-1.54e-04	0.0	0.0	1.38	3.90	0.0	4.77e-03	-9.13	-6.67
		-6.67	-9.13	-7.21e-03	10.66	171.2	1.38	3.90	10.66	4.77e-03	0.0	0.0
50	69	0.0	0.0	-2.69e-05	0.0	0.0	0.99	0.42	0.0	2.00e-03	-0.99	-0.72
		-0.72	-0.99	-7.82e-04	1.16	171.2	0.99	0.42	1.16	2.00e-03	0.0	0.0
50	89	0.0	0.0	2.73e-05	0.0	0.0	-0.91	0.42	0.0	-8.42e-04	-0.99	-0.72
		-0.72	-0.99	-7.82e-04	1.16	171.2	-0.91	0.42	1.16	-8.42e-04	0.0	0.0
50	90	0.0	0.0	-1.08e-04	0.0	0.0	-0.55	3.24	0.0	1.02e-03	-7.59	-5.55
		-5.55	-7.59	-6.00e-03	8.86	171.2	-0.55	3.24	8.86	1.02e-03	0.0	0.0
50	109	0.0	0.0	-3.04e-04	0.0	0.0	1.16	2.07	2.36e-04	2.46e-03	-4.87	-3.55
		-3.55	-4.87	-3.84e-03	5.68	171.2	1.16	2.07	5.68	2.46e-03	0.0	0.0
50	115	0.0	0.0	-3.03e-04	0.0	0.0	0.90	2.08	2.17e-04	2.36e-03	-4.87	-3.55
		-3.55	-4.87	-3.84e-03	5.68	171.2	0.90	2.08	5.68	2.36e-03	0.0	0.0
50	117	0.0	0.0	3.72e-04	0.0	0.0	1.56	2.07	3.83e-04	3.73e-03	-4.87	-3.55
		-3.55	-4.87	-3.85e-03	5.68	171.2	1.56	2.07	5.68	3.73e-03	0.0	0.0
50	120	0.0	0.0	-3.13e-04	0.0	0.0	-1.15	2.08	-3.83e-04	-3.80e-05	-4.86	-3.56
		-3.56	-4.86	-3.84e-03	5.68	171.2	-1.15	2.08	5.68	-3.80e-05	0.0	0.0
50	121	0.0	0.0	4.24e-04	0.0	0.0	1.56	2.07	3.86e-04	3.87e-03	-4.87	-3.55
		-3.55	-4.87	-3.85e-03	5.68	171.2	1.56	2.07	5.68	3.87e-03	0.0	0.0
50	124	0.0	0.0	-3.61e-04	0.0	0.0	-1.15	2.08	-3.86e-04	-1.72e-04	-4.86	-3.56
		-3.56	-4.86	-3.84e-03	5.68	171.2	-1.15	2.08	5.68	-1.72e-04	0.0	0.0
50	141	0.0	0.0	-1.84e-04	0.0	0.0	0.71	2.08	1.27e-04	2.18e-03	-4.87	-3.55
		-3.55	-4.87	-3.84e-03	5.68	171.2	0.71	2.08	5.68	2.18e-03	0.0	0.0
50	147	0.0	0.0	-1.83e-04	0.0	0.0	0.58	2.08	1.18e-04	2.13e-03	-4.87	-3.56
		-3.56	-4.87	-3.84e-03	5.68	171.2	0.58	2.08	5.68	2.13e-03	0.0	0.0
50	149	0.0	0.0	2.13e-04	0.0	0.0	0.93	2.07	2.04e-04	2.85e-03	-4.87	-3.55
		-3.55	-4.87	-3.84e-03	5.68	171.2	0.93	2.07	5.68	2.85e-03	0.0	0.0
50	152	0.0	0.0	-1.89e-04	0.0	0.0	-0.52	2.08	-2.04e-04	8.41e-04	-4.87	-3.56
		-3.56	-4.87	-3.84e-03	5.68	171.2	-0.52	2.08	5.68	8.41e-04	0.0	0.0
50	153	0.0	0.0	2.41e-04	0.0	0.0	0.93	2.07	2.06e-04	2.93e-03	-4.87	-3.55
		-3.55	-4.87	-3.84e-03	5.68	171.2	0.93	2.07	5.68	2.93e-03	0.0	0.0
50	156	0.0	0.0	-2.09e-04	0.0	0.0	-0.52	2.08	-2.06e-04	7.69e-04	-4.87	-3.56
		-3.56	-4.87	-3.84e-03	5.68	171.2	-0.52	2.08	5.68	7.69e-04	0.0	0.0
50	176	0.0	0.0	-1.03e-04	0.0	0.0	0.32	2.81	0.0	2.39e-03	-6.57	-4.80
		-4.80	-6.57	-5.19e-03	7.68	171.2	0.32	2.81	7.68	2.39e-03	0.0	0.0
50	186	0.0	0.0	-1.08e-04	0.0	0.0	0.67	2.81	0.0	3.11e-03	-6.57	-4.80
		-4.80	-6.57	-5.19e-03	7.68	171.2	0.67	2.81	7.68	3.11e-03	0.0	0.0
50	189	0.0	0.0	-2.29e-05	0.0	0.0	0.66	0.42	0.0	1.55e-03	-0.99	-0.72
		-0.72	-0.99	-7.82e-04	1.16	171.2	0.66	0.42	1.16	1.55e-03	0.0	0.0
50	192	0.0	0.0	-1.05e-04	0.0	0.0	0.92	2.65	0.0	3.26e-03	-6.22	-4.54
		-4.54	-6.22	-4.91e-03	7.26	171.2	0.92	2.65	7.26	3.26e-03	0.0	0.0
50	199	0.0	0.0	2.03e-05	0.0	0.0	-0.61	0.42	0.0	-3.45e-04	-0.99	-0.72
		-0.72	-0.99	-7.82e-04	1.16	171.2	-0.61	0.42	1.16	-3.45e-04	0.0	0.0
50	200	0.0	0.0	-7.71e-05	0.0	0.0	-0.36	2.30	0.0	8.98e-04	-5.39	-3.94
		-3.94	-5.39	-4.26e-03	6.30	171.2	-0.36	2.30	6.30	8.98e-04	0.0	0.0
50	210	0.0	0.0	-8.35e-05	0.0	0.0	0.23	2.26	0.0	1.97e-03	-5.31	-3.88
		-3.88	-5.31	-4.19e-03	6.20	171.2	0.23	2.26	6.20	1.97e-03	0.0	0.0
50	219	0.0	0.0	-1.71e-05	0.0	0.0	0.14	0.42	0.0	8.30e-04	-0.99	-0.73
		-0.73	-0.99	-7.82e-04	1.16	171.2	0.14	0.42	1.16	8.30e-04	0.0	0.0
50	222	0.0	0.0	-7.80e-05	0.0	0.0	0.34	2.08	0.0	2.03e-03	-4.87	-3.56
		-3.56	-4.87	-3.84e-03	5.68	171.2	0.34	2.08	5.68	2.03e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
50	223	0.0	0.0	-1.42e-05	0.0	0.0	-0.12	0.42	0.0	4.51e-04	-0.99	-0.72
		-0.72	-0.99	-7.82e-04	1.16	171.2	-0.12	0.42	1.16	4.51e-04	0.0	0.0
50	224	0.0	0.0	-6.95e-05	0.0	0.0	0.08	1.93	0.0	1.45e-03	-4.51	-3.30
		-3.30	-4.51	-3.56e-03	5.27	171.2	0.08	1.93	5.27	1.45e-03	0.0	0.0
50	227	0.0	0.0	-1.57e-05	0.0	0.0	4.04e-03	0.42	0.0	6.50e-04	-0.99	-0.73
		-0.73	-0.99	-7.82e-04	1.16	171.2	4.04e-03	0.42	1.16	6.50e-04	0.0	0.0
50	228	0.0	0.0	-7.10e-05	0.0	0.0	0.20	1.93	0.0	1.64e-03	-4.51	-3.30
		-3.30	-4.51	-3.56e-03	5.27	171.2	0.20	1.93	5.27	1.64e-03	0.0	0.0
50	230	0.0	0.0	-7.66e-05	0.0	0.0	0.21	2.08	0.0	1.85e-03	-4.87	-3.56
		-3.56	-4.87	-3.84e-03	5.68	171.2	0.21	2.08	5.68	1.85e-03	0.0	0.0
51	56	0.0	0.0	-1.58e-04	0.0	0.0	1.77	4.15	0.0	3.74e-05	-9.80	-7.16
		-7.16	-9.80	-7.89e-03	11.37	172.5	1.77	4.15	11.37	3.74e-05	0.0	0.0
51	68	0.0	0.0	-1.51e-04	0.0	0.0	2.46	3.92	0.0	2.81e-05	-9.26	-6.77
		-6.77	-9.26	-7.46e-03	10.74	172.5	2.46	3.92	10.74	2.81e-05	0.0	0.0
51	86	0.0	0.0	-1.22e-04	0.0	0.0	-1.20	3.39	0.0	4.32e-05	-8.00	-5.85
		-5.85	-8.00	-6.44e-03	9.28	172.5	-1.20	3.39	9.28	4.32e-05	0.0	0.0
51	87	0.0	0.0	-3.61e-05	0.0	0.0	-1.58	1.09	0.0	2.87e-05	-2.57	-1.87
		-1.87	-2.57	-2.07e-03	2.98	172.5	-1.58	1.09	2.98	2.87e-05	0.0	0.0
51	89	0.0	0.0	1.61e-05	0.0	0.0	-1.69	0.42	0.0	1.77e-05	-1.01	-0.73
		-0.73	-1.01	-8.11e-04	1.17	172.5	-1.69	0.42	1.17	1.77e-05	0.0	0.0
51	121	0.0	0.0	4.20e-04	0.0	0.0	2.31	2.09	3.04e-04	4.94e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	2.31	2.09	5.72	4.94e-04	0.0	0.0
51	124	0.0	0.0	-3.53e-04	0.0	0.0	-1.62	2.09	-3.04e-04	-4.49e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-1.62	2.09	5.72	-4.49e-04	0.0	0.0
51	153	0.0	0.0	2.39e-04	0.0	0.0	1.39	2.09	1.62e-04	2.76e-04	-4.94	-3.61
		-3.61	-4.94	-3.98e-03	5.72	172.5	1.39	2.09	5.72	2.76e-04	0.0	0.0
51	156	0.0	0.0	-2.07e-04	0.0	0.0	-0.71	2.09	-1.62e-04	-2.31e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-0.71	2.09	5.72	-2.31e-04	0.0	0.0
51	186	0.0	0.0	-1.08e-04	0.0	0.0	1.19	2.83	0.0	2.59e-05	-6.67	-4.87
		-4.87	-6.67	-5.37e-03	7.73	172.5	1.19	2.83	7.73	2.59e-05	0.0	0.0
51	192	0.0	0.0	-1.03e-04	0.0	0.0	1.65	2.67	0.0	1.98e-05	-6.31	-4.61
		-4.61	-6.31	-5.08e-03	7.32	172.5	1.65	2.67	7.32	1.98e-05	0.0	0.0
51	199	0.0	0.0	1.31e-05	0.0	0.0	-1.10	0.43	0.0	1.43e-05	-1.01	-0.73
		-0.73	-1.01	-8.11e-04	1.17	172.5	-1.10	0.43	1.17	1.43e-05	0.0	0.0
51	200	0.0	0.0	-8.38e-05	0.0	0.0	-0.79	2.32	0.0	2.98e-05	-5.47	-4.00
		-4.00	-5.47	-4.40e-03	6.34	172.5	-0.79	2.32	6.34	2.98e-05	0.0	0.0
51	201	0.0	0.0	-2.61e-05	0.0	0.0	-1.04	0.78	0.0	2.01e-05	-1.85	-1.35
		-1.35	-1.85	-1.49e-03	2.14	172.5	-1.04	0.78	2.14	2.01e-05	0.0	0.0
51	210	0.0	0.0	-8.55e-05	0.0	0.0	0.37	2.28	0.0	2.40e-05	-5.38	-3.93
		-3.93	-5.38	-4.33e-03	6.24	172.5	0.37	2.28	6.24	2.40e-05	0.0	0.0
51	222	0.0	0.0	-7.90e-05	0.0	0.0	0.58	2.09	0.0	2.06e-05	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	0.58	2.09	5.72	2.06e-05	0.0	0.0
51	223	0.0	0.0	-1.53e-05	0.0	0.0	-0.17	0.43	0.0	8.86e-06	-1.01	-0.73
		-0.73	-1.01	-8.10e-04	1.17	172.5	-0.17	0.43	1.17	8.86e-06	0.0	0.0
51	224	0.0	0.0	-7.21e-05	0.0	0.0	0.08	1.94	0.0	2.13e-05	-4.58	-3.34
		-3.34	-4.58	-3.68e-03	5.31	172.5	0.08	1.94	5.31	2.13e-05	0.0	0.0
51	225	0.0	0.0	-2.10e-05	0.0	0.0	-0.14	0.58	0.0	1.14e-05	-1.37	-1.00
		-1.00	-1.37	-1.10e-03	1.58	172.5	-0.14	0.58	1.58	1.14e-05	0.0	0.0
51	227	0.0	0.0	-1.59e-05	0.0	0.0	0.07	0.43	0.0	7.51e-06	-1.01	-0.74
		-0.74	-1.01	-8.10e-04	1.17	172.5	0.07	0.43	1.17	7.51e-06	0.0	0.0
51	228	0.0	0.0	-7.27e-05	0.0	0.0	0.32	1.94	0.0	1.99e-05	-4.58	-3.34
		-3.34	-4.58	-3.68e-03	5.31	172.5	0.32	1.94	5.31	1.99e-05	0.0	0.0
51	229	0.0	0.0	-2.16e-05	0.0	0.0	0.09	0.58	0.0	1.00e-05	-1.37	-1.00
		-1.00	-1.37	-1.10e-03	1.58	172.5	0.09	0.58	1.58	1.00e-05	0.0	0.0
51	230	0.0	0.0	-7.84e-05	0.0	0.0	0.34	2.09	0.0	2.24e-05	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	0.34	2.09	5.72	2.24e-05	0.0	0.0
52	16	0.0	0.0	-1.55e-04	0.0	0.0	0.53	4.15	0.0	-4.23e-05	-9.80	-7.16
		-7.16	-9.80	-7.89e-03	11.37	172.5	0.53	4.15	11.37	-4.23e-05	0.0	0.0
52	56	0.0	0.0	-1.53e-04	0.0	0.0	1.47	4.15	0.0	-3.68e-05	-9.80	-7.16
		-7.16	-9.80	-7.89e-03	11.37	172.5	1.47	4.15	11.37	-3.68e-05	0.0	0.0
52	68	0.0	0.0	-1.43e-04	0.0	0.0	2.01	3.92	0.0	-2.76e-05	-9.26	-6.77
		-6.77	-9.26	-7.46e-03	10.74	172.5	2.01	3.92	10.74	-2.76e-05	0.0	0.0
52	69	0.0	0.0	1.37e-05	0.0	0.0	1.47	0.43	0.0	6.21e-06	-1.01	-0.74
		-0.74	-1.01	-8.10e-04	1.17	172.5	1.47	0.43	1.17	6.21e-06	0.0	0.0
52	89	0.0	0.0	-1.90e-05	0.0	0.0	-1.30	0.42	0.0	-1.75e-05	-1.01	-0.73
		-0.73	-1.01	-8.11e-04	1.17	172.5	-1.30	0.42	1.17	-1.75e-05	0.0	0.0
52	110	0.0	0.0	3.76e-04	0.0	0.0	-1.48	2.09	-3.02e-04	3.86e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-1.48	2.09	5.72	3.86e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
52	111	0.0	0.0	-3.15e-04	0.0	0.0	2.11	2.09	3.02e-04	-4.30e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	2.11	2.09	5.72	-4.30e-04	0.0	0.0
52	114	0.0	0.0	4.29e-04	0.0	0.0	-1.48	2.09	-3.02e-04	4.44e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-1.48	2.09	5.72	4.44e-04	0.0	0.0
52	115	0.0	0.0	-3.61e-04	0.0	0.0	2.10	2.09	3.02e-04	-4.88e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	2.10	2.09	5.72	-4.88e-04	0.0	0.0
52	119	0.0	0.0	3.93e-04	0.0	0.0	1.65	2.09	2.48e-04	4.79e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	1.65	2.09	5.72	4.79e-04	0.0	0.0
52	121	0.0	0.0	3.96e-04	0.0	0.0	1.42	2.09	2.46e-04	4.84e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	1.42	2.09	5.72	4.84e-04	0.0	0.0
52	142	0.0	0.0	2.16e-04	0.0	0.0	-0.65	2.09	-1.61e-04	1.98e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-0.65	2.09	5.72	1.98e-04	0.0	0.0
52	143	0.0	0.0	-1.92e-04	0.0	0.0	1.27	2.09	1.61e-04	-2.42e-04	-4.94	-3.61
		-3.61	-4.94	-3.98e-03	5.72	172.5	1.27	2.09	5.72	-2.42e-04	0.0	0.0
52	146	0.0	0.0	2.44e-04	0.0	0.0	-0.64	2.09	-1.61e-04	2.29e-04	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	-0.64	2.09	5.72	2.29e-04	0.0	0.0
52	147	0.0	0.0	-2.11e-04	0.0	0.0	1.27	2.09	1.61e-04	-2.73e-04	-4.94	-3.60
		-3.60	-4.94	-3.98e-03	5.72	172.5	1.27	2.09	5.72	-2.73e-04	0.0	0.0
52	151	0.0	0.0	2.23e-04	0.0	0.0	1.03	2.09	1.33e-04	2.47e-04	-4.94	-3.61
		-3.61	-4.94	-3.98e-03	5.72	172.5	1.03	2.09	5.72	2.47e-04	0.0	0.0
52	153	0.0	0.0	2.24e-04	0.0	0.0	0.91	2.09	1.32e-04	2.50e-04	-4.94	-3.61
		-3.61	-4.94	-3.98e-03	5.72	172.5	0.91	2.09	5.72	2.50e-04	0.0	0.0
52	160	0.0	0.0	-1.06e-04	0.0	0.0	0.42	2.83	0.0	-3.09e-05	-6.67	-4.87
		-4.87	-6.67	-5.37e-03	7.73	172.5	0.42	2.83	7.73	-3.09e-05	0.0	0.0
52	166	0.0	0.0	-1.05e-04	0.0	0.0	0.36	2.83	0.0	-2.92e-05	-6.67	-4.87
		-4.87	-6.67	-5.37e-03	7.73	172.5	0.36	2.83	7.73	-2.92e-05	0.0	0.0
52	189	0.0	0.0	-1.35e-05	0.0	0.0	1.00	0.43	0.0	1.68e-06	-1.01	-0.74
		-0.74	-1.01	-8.10e-04	1.17	172.5	1.00	0.43	1.17	1.68e-06	0.0	0.0
52	192	0.0	0.0	-9.77e-05	0.0	0.0	1.35	2.67	0.0	-1.94e-05	-6.31	-4.61
		-4.61	-6.31	-5.08e-03	7.32	172.5	1.35	2.67	7.32	-1.94e-05	0.0	0.0
52	199	0.0	0.0	-1.80e-05	0.0	0.0	-0.85	0.43	0.0	-1.41e-05	-1.01	-0.73
		-0.73	-1.01	-8.11e-04	1.17	172.5	-0.85	0.43	1.17	-1.41e-05	0.0	0.0
52	210	0.0	0.0	-8.55e-05	0.0	0.0	0.34	2.28	0.0	-2.36e-05	-5.38	-3.93
		-3.93	-5.38	-4.33e-03	6.24	172.5	0.34	2.28	6.24	-2.36e-05	0.0	0.0
52	219	0.0	0.0	-1.54e-05	0.0	0.0	0.24	0.43	0.0	-5.56e-06	-1.01	-0.74
		-0.74	-1.01	-8.10e-04	1.17	172.5	0.24	0.43	1.17	-5.56e-06	0.0	0.0
52	222	0.0	0.0	-7.79e-05	0.0	0.0	0.50	2.09	0.0	-2.03e-05	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	0.50	2.09	5.72	-2.03e-05	0.0	0.0
52	223	0.0	0.0	-1.63e-05	0.0	0.0	-0.13	0.43	0.0	-8.72e-06	-1.01	-0.73
		-0.73	-1.01	-8.10e-04	1.17	172.5	-0.13	0.43	1.17	-8.72e-06	0.0	0.0
52	227	0.0	0.0	-1.59e-05	0.0	0.0	0.05	0.43	0.0	-7.36e-06	-1.01	-0.74
		-0.74	-1.01	-8.10e-04	1.17	172.5	0.05	0.43	1.17	-7.36e-06	0.0	0.0
52	230	0.0	0.0	-7.84e-05	0.0	0.0	0.31	2.09	0.0	-2.21e-05	-4.94	-3.61
		-3.61	-4.94	-3.97e-03	5.72	172.5	0.31	2.09	5.72	-2.21e-05	0.0	0.0
53	4	0.0	0.0	-1.53e-04	0.0	0.0	-0.32	4.12	0.0	-3.73e-03	-9.66	-7.06
		-7.06	-9.66	-7.70e-03	11.28	171.2	-0.32	4.12	11.28	-3.73e-03	0.0	0.0
53	16	0.0	0.0	-1.53e-04	0.0	0.0	-0.32	4.12	0.0	-3.50e-03	-9.66	-7.06
		-7.06	-9.66	-7.70e-03	11.28	171.2	-0.32	4.12	11.28	-3.50e-03	0.0	0.0
53	47	0.0	0.0	-4.04e-05	0.0	0.0	-0.91	1.08	0.0	-2.35e-03	-2.53	-1.85
		-1.85	-2.53	-2.02e-03	2.96	171.2	-0.91	1.08	2.96	-2.35e-03	0.0	0.0
53	69	0.0	0.0	2.48e-05	0.0	0.0	0.29	0.42	0.0	-2.00e-03	-0.99	-0.73
		-0.73	-0.99	-7.91e-04	1.16	171.2	0.29	0.42	1.16	-2.00e-03	0.0	0.0
53	70	0.0	0.0	-1.10e-04	0.0	0.0	0.33	3.24	0.0	-3.86e-03	-7.59	-5.55
		-5.55	-7.59	-6.05e-03	8.86	171.2	0.33	3.24	8.86	-3.86e-03	0.0	0.0
53	89	0.0	0.0	-2.65e-05	0.0	0.0	-0.51	0.42	0.0	8.41e-04	-0.99	-0.72
		-0.72	-0.99	-7.93e-04	1.16	171.2	-0.51	0.42	1.16	8.41e-04	0.0	0.0
53	102	0.0	0.0	2.19e-04	0.0	0.0	-1.71	2.08	-1.27e-04	-1.21e-03	-4.87	-3.56
		-3.56	-4.87	-3.87e-03	5.68	171.2	-1.71	2.08	5.68	-1.21e-03	0.0	0.0
53	103	0.0	0.0	-1.96e-04	0.0	0.0	1.39	2.07	1.27e-04	-2.49e-03	-4.87	-3.55
		-3.55	-4.87	-3.88e-03	5.68	171.2	1.39	2.07	5.68	-2.49e-03	0.0	0.0
53	110	0.0	0.0	3.68e-04	0.0	0.0	-1.39	2.08	-3.72e-04	-5.59e-05	-4.86	-3.56
		-3.56	-4.86	-3.87e-03	5.68	171.2	-1.39	2.08	5.68	-5.59e-05	0.0	0.0
53	114	0.0	0.0	4.18e-04	0.0	0.0	-1.40	2.08	-3.75e-04	7.66e-05	-4.86	-3.56
		-3.56	-4.86	-3.87e-03	5.68	171.2	-1.40	2.08	5.68	7.66e-05	0.0	0.0
53	115	0.0	0.0	-3.57e-04	0.0	0.0	1.08	2.07	3.75e-04	-3.77e-03	-4.87	-3.55
		-3.55	-4.87	-3.88e-03	5.68	171.2	1.08	2.07	5.68	-3.77e-03	0.0	0.0
53	134	0.0	0.0	1.31e-04	0.0	0.0	-0.99	2.08	-6.79e-05	-1.51e-03	-4.87	-3.56
		-3.56	-4.87	-3.88e-03	5.68	171.2	-0.99	2.08	5.68	-1.51e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
53	135	0.0	0.0	-1.37e-04	0.0	0.0	0.67	2.08	6.79e-05	-2.19e-03	-4.87	-3.55
		-3.55	-4.87	-3.88e-03	5.68	171.2	0.67	2.08	5.68	-2.19e-03	0.0	0.0
53	142	0.0	0.0	2.11e-04	0.0	0.0	-0.82	2.08	-1.99e-04	-8.92e-04	-4.87	-3.56
		-3.56	-4.87	-3.88e-03	5.68	171.2	-0.82	2.08	5.68	-8.92e-04	0.0	0.0
53	146	0.0	0.0	2.38e-04	0.0	0.0	-0.82	2.08	-2.00e-04	-8.21e-04	-4.87	-3.56
		-3.56	-4.87	-3.88e-03	5.68	171.2	-0.82	2.08	5.68	-8.21e-04	0.0	0.0
53	147	0.0	0.0	-2.09e-04	0.0	0.0	0.50	2.08	2.00e-04	-2.88e-03	-4.87	-3.55
		-3.55	-4.87	-3.88e-03	5.68	171.2	0.50	2.08	5.68	-2.88e-03	0.0	0.0
53	160	0.0	0.0	-1.04e-04	0.0	0.0	-0.24	2.81	0.0	-2.57e-03	-6.57	-4.81
		-4.81	-6.57	-5.24e-03	7.68	171.2	-0.24	2.81	7.68	-2.57e-03	0.0	0.0
53	166	0.0	0.0	-1.04e-04	0.0	0.0	-0.23	2.81	0.0	-2.42e-03	-6.57	-4.81
		-4.81	-6.57	-5.24e-03	7.68	171.2	-0.23	2.81	7.68	-2.42e-03	0.0	0.0
53	181	0.0	0.0	-2.91e-05	0.0	0.0	-0.63	0.78	0.0	-1.65e-03	-1.82	-1.33
		-1.33	-1.82	-1.45e-03	2.12	171.2	-0.63	0.78	2.12	-1.65e-03	0.0	0.0
53	189	0.0	0.0	1.85e-05	0.0	0.0	0.15	0.42	0.0	-1.55e-03	-0.99	-0.73
		-0.73	-0.99	-7.91e-04	1.16	171.2	0.15	0.42	1.16	-1.55e-03	0.0	0.0
53	190	0.0	0.0	-7.83e-05	0.0	0.0	0.17	2.30	0.0	-2.79e-03	-5.39	-3.94
		-3.94	-5.39	-4.30e-03	6.30	171.2	0.17	2.30	6.30	-2.79e-03	0.0	0.0
53	199	0.0	0.0	-2.27e-05	0.0	0.0	-0.39	0.42	0.0	3.44e-04	-0.99	-0.72
		-0.72	-0.99	-7.92e-04	1.16	171.2	-0.39	0.42	1.16	3.44e-04	0.0	0.0
53	210	0.0	0.0	-8.41e-05	0.0	0.0	-0.16	2.26	0.0	-1.97e-03	-5.31	-3.88
		-3.88	-5.31	-4.23e-03	6.20	171.2	-0.16	2.26	6.20	-1.97e-03	0.0	0.0
53	217	0.0	0.0	-2.15e-05	0.0	0.0	-0.26	0.57	0.0	-9.59e-04	-1.35	-0.98
		-0.98	-1.35	-1.07e-03	1.57	171.2	-0.26	0.57	1.57	-9.59e-04	0.0	0.0
53	219	0.0	0.0	-1.44e-05	0.0	0.0	-0.09	0.42	0.0	-8.30e-04	-0.99	-0.73
		-0.73	-0.99	-7.91e-04	1.16	171.2	-0.09	0.42	1.16	-8.30e-04	0.0	0.0
53	220	0.0	0.0	-7.01e-05	0.0	0.0	-0.07	1.93	0.0	-1.82e-03	-4.51	-3.30
		-3.30	-4.51	-3.59e-03	5.27	171.2	-0.07	1.93	5.27	-1.82e-03	0.0	0.0
53	223	0.0	0.0	-1.72e-05	0.0	0.0	-0.20	0.42	0.0	-4.51e-04	-0.99	-0.73
		-0.73	-0.99	-7.91e-04	1.16	171.2	-0.20	0.42	1.16	-4.51e-04	0.0	0.0
53	227	0.0	0.0	-1.59e-05	0.0	0.0	-0.15	0.42	0.0	-6.50e-04	-0.99	-0.73
		-0.73	-0.99	-7.91e-04	1.16	171.2	-0.15	0.42	1.16	-6.50e-04	0.0	0.0
53	228	0.0	0.0	-7.15e-05	0.0	0.0	-0.13	1.93	0.0	-1.65e-03	-4.51	-3.30
		-3.30	-4.51	-3.59e-03	5.27	171.2	-0.13	1.93	5.27	-1.65e-03	0.0	0.0
53	229	0.0	0.0	-2.15e-05	0.0	0.0	-0.18	0.57	0.0	-8.53e-04	-1.35	-0.98
		-0.98	-1.35	-1.07e-03	1.57	171.2	-0.18	0.57	1.57	-8.53e-04	0.0	0.0
53	230	0.0	0.0	-7.72e-05	0.0	0.0	-0.16	2.08	0.0	-1.85e-03	-4.87	-3.56
		-3.56	-4.87	-3.88e-03	5.68	171.2	-0.16	2.08	5.68	-1.85e-03	0.0	0.0
54	4	9.80	7.16	7.89e-03	-11.37	0.0	-1.09	0.0	-4.15	-4.49e-05	7.16	9.80
		0.0	0.0	1.56e-04	0.0	172.5	-1.09	-11.37	-4.15	-4.49e-05	0.0	0.0
54	15	3.11	2.27	2.50e-03	-3.60	0.0	-0.84	0.0	-1.32	-2.51e-05	2.27	3.11
		0.0	0.0	4.84e-05	0.0	172.5	-0.84	-3.60	-1.32	-2.51e-05	0.0	0.0
54	36	9.80	7.16	7.89e-03	-11.37	0.0	-0.98	0.0	-4.15	-4.23e-05	7.16	9.80
		0.0	0.0	1.57e-04	0.0	172.5	-0.98	-11.37	-4.15	-4.23e-05	0.0	0.0
54	59	2.81	2.05	2.26e-03	-3.25	0.0	-1.30	0.0	-1.19	-2.58e-05	2.05	2.81
		0.0	0.0	4.18e-05	0.0	172.5	-1.30	-3.25	-1.19	-2.58e-05	0.0	0.0
54	68	9.26	6.77	7.46e-03	-10.74	0.0	-2.64	0.0	-3.92	-5.13e-05	6.77	9.26
		0.0	0.0	1.43e-04	0.0	172.5	-2.64	-10.74	-3.92	-5.13e-05	0.0	0.0
54	89	1.01	0.74	8.10e-04	-1.17	0.0	1.50	0.0	-0.43	6.21e-06	0.74	1.01
		0.0	0.0	2.00e-05	0.0	172.5	1.50	-1.17	-0.43	6.21e-06	0.0	0.0
54	111	4.94	3.61	3.97e-03	-5.72	0.0	-1.61	2.49e-04	-2.09	-4.65e-04	3.61	4.94
		0.0	0.0	-3.55e-04	0.0	172.5	-1.61	-5.72	-2.09	-4.65e-04	0.0	0.0
54	117	4.94	3.61	3.97e-03	-5.72	0.0	-2.39	2.99e-04	-2.09	3.81e-04	3.61	4.94
		0.0	0.0	3.07e-04	0.0	172.5	-2.39	-5.72	-2.09	3.81e-04	0.0	0.0
54	118	4.94	3.60	3.98e-03	-5.72	0.0	0.61	-3.02e-04	-2.09	-4.88e-04	3.60	4.94
		0.0	0.0	-4.25e-04	0.0	172.5	0.61	-5.72	-2.09	-4.88e-04	0.0	0.0
54	119	4.94	3.61	3.97e-03	-5.72	0.0	-1.70	3.02e-04	-2.09	4.44e-04	3.61	4.94
		0.0	0.0	3.58e-04	0.0	172.5	-1.70	-5.72	-2.09	4.44e-04	0.0	0.0
54	120	4.94	3.60	3.98e-03	-5.72	0.0	1.29	-2.99e-04	-2.09	-4.25e-04	3.60	4.94
		0.0	0.0	-3.68e-04	0.0	172.5	1.29	-5.72	-2.09	-4.25e-04	0.0	0.0
54	122	4.94	3.60	3.98e-03	-5.72	0.0	0.61	-3.02e-04	-2.09	-4.30e-04	3.60	4.94
		0.0	0.0	-3.72e-04	0.0	172.5	0.61	-5.72	-2.09	-4.30e-04	0.0	0.0
54	143	4.94	3.61	3.97e-03	-5.72	0.0	-1.12	1.33e-04	-2.09	-2.60e-04	3.61	4.94
		0.0	0.0	-2.03e-04	0.0	172.5	-1.12	-5.72	-2.09	-2.60e-04	0.0	0.0
54	149	4.94	3.61	3.97e-03	-5.72	0.0	-1.53	1.60e-04	-2.09	1.95e-04	3.61	4.94
		0.0	0.0	1.88e-04	0.0	172.5	-1.53	-5.72	-2.09	1.95e-04	0.0	0.0
54	150	4.94	3.60	3.98e-03	-5.72	0.0	0.07	-1.61e-04	-2.09	-2.73e-04	3.60	4.94
		0.0	0.0	-2.41e-04	0.0	172.5	0.07	-5.72	-2.09	-2.73e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
54	151	4.94	3.61	3.97e-03	-5.72	0.0	-1.16	1.61e-04	-2.09	2.29e-04	3.61	4.94
		0.0	0.0	2.09e-04	0.0	172.5	-1.16	-5.72	-2.09	2.29e-04	0.0	0.0
54	152	4.94	3.61	3.98e-03	-5.72	0.0	0.43	-1.60e-04	-2.09	-2.39e-04	3.61	4.94
		0.0	0.0	-2.11e-04	0.0	172.5	0.43	-5.72	-2.09	-2.39e-04	0.0	0.0
54	154	4.94	3.61	3.98e-03	-5.72	0.0	0.07	-1.61e-04	-2.09	-2.42e-04	3.61	4.94
		0.0	0.0	-2.13e-04	0.0	172.5	0.07	-5.72	-2.09	-2.42e-04	0.0	0.0
54	160	6.67	4.87	5.37e-03	-7.73	0.0	-0.74	0.0	-2.83	-3.09e-05	4.87	6.67
		0.0	0.0	1.06e-04	0.0	172.5	-0.74	-7.73	-2.83	-3.09e-05	0.0	0.0
54	165	2.21	1.61	1.78e-03	-2.56	0.0	-0.58	0.0	-0.93	-1.77e-05	1.61	2.21
		0.0	0.0	3.44e-05	0.0	172.5	-0.58	-2.56	-0.93	-1.77e-05	0.0	0.0
54	176	6.67	4.87	5.37e-03	-7.73	0.0	-0.67	0.0	-2.83	-2.92e-05	4.87	6.67
		0.0	0.0	1.07e-04	0.0	172.5	-0.67	-7.73	-2.83	-2.92e-05	0.0	0.0
54	185	2.21	1.61	1.78e-03	-2.56	0.0	-0.91	0.0	-0.93	-1.96e-05	1.61	2.21
		0.0	0.0	3.32e-05	0.0	172.5	-0.91	-2.56	-0.93	-1.96e-05	0.0	0.0
54	192	6.31	4.61	5.08e-03	-7.32	0.0	-1.77	0.0	-2.67	-3.52e-05	4.61	6.31
		0.0	0.0	9.73e-05	0.0	172.5	-1.77	-7.32	-2.67	-3.52e-05	0.0	0.0
54	199	1.01	0.74	8.10e-04	-1.17	0.0	0.96	0.0	-0.43	1.68e-06	0.74	1.01
		0.0	0.0	1.87e-05	0.0	172.5	0.96	-1.17	-0.43	1.68e-06	0.0	0.0
54	205	1.61	1.17	1.29e-03	-1.86	0.0	-0.19	0.0	-0.68	-1.15e-05	1.17	1.61
		0.0	0.0	2.55e-05	0.0	172.5	-0.19	-1.86	-0.68	-1.15e-05	0.0	0.0
54	210	5.38	3.93	4.33e-03	-6.24	0.0	-0.60	0.0	-2.28	-2.36e-05	3.93	5.38
		0.0	0.0	8.57e-05	0.0	172.5	-0.60	-6.24	-2.28	-2.36e-05	0.0	0.0
54	222	4.94	3.61	3.97e-03	-5.72	0.0	-0.76	0.0	-2.09	-2.34e-05	3.61	4.94
		0.0	0.0	7.80e-05	0.0	172.5	-0.76	-5.72	-2.09	-2.34e-05	0.0	0.0
54	223	1.01	0.74	8.10e-04	-1.17	0.0	0.10	0.0	-0.43	-5.55e-06	0.74	1.01
		0.0	0.0	1.65e-05	0.0	172.5	0.10	-1.17	-0.43	-5.55e-06	0.0	0.0
54	227	1.01	0.74	8.10e-04	-1.17	0.0	-0.12	0.0	-0.43	-7.36e-06	0.74	1.01
		0.0	0.0	1.60e-05	0.0	172.5	-0.12	-1.17	-0.43	-7.36e-06	0.0	0.0
54	229	1.37	1.00	1.10e-03	-1.58	0.0	-0.16	0.0	-0.58	-9.83e-06	1.00	1.37
		0.0	0.0	2.17e-05	0.0	172.5	-0.16	-1.58	-0.58	-9.83e-06	0.0	0.0
54	230	4.94	3.61	3.97e-03	-5.72	0.0	-0.55	0.0	-2.09	-2.21e-05	3.61	4.94
		0.0	0.0	7.86e-05	0.0	172.5	-0.55	-5.72	-2.09	-2.21e-05	0.0	0.0
55	4	9.80	7.16	7.89e-03	-11.37	0.0	-1.15	0.0	-4.15	4.56e-05	7.16	9.80
		0.0	0.0	1.56e-04	0.0	172.5	-1.15	-11.37	-4.15	4.56e-05	0.0	0.0
55	68	9.26	6.77	7.46e-03	-10.74	0.0	-2.79	0.0	-3.92	5.20e-05	6.77	9.26
		0.0	0.0	1.51e-04	0.0	172.5	-2.79	-10.74	-3.92	5.20e-05	0.0	0.0
55	70	7.70	5.63	6.20e-03	-8.93	0.0	-2.59	0.0	-3.26	4.09e-05	5.63	7.70
		0.0	0.0	1.26e-04	0.0	172.5	-2.59	-8.93	-3.26	4.09e-05	0.0	0.0
55	76	9.80	7.16	7.89e-03	-11.37	0.0	-0.11	0.0	-4.15	3.74e-05	7.16	9.80
		0.0	0.0	1.54e-04	0.0	172.5	-0.11	-11.37	-4.15	3.74e-05	0.0	0.0
55	89	1.01	0.74	8.10e-04	-1.17	0.0	1.59	0.0	-0.43	-6.18e-06	0.74	1.01
		0.0	0.0	-1.37e-05	0.0	172.5	1.59	-1.17	-0.43	-6.18e-06	0.0	0.0
55	109	4.94	3.61	3.97e-03	-5.72	0.0	-2.81	3.04e-04	-2.09	-4.49e-04	3.61	4.94
		0.0	0.0	-4.24e-04	0.0	172.5	-2.81	-5.72	-2.09	-4.49e-04	0.0	0.0
55	111	4.94	3.61	3.97e-03	-5.72	0.0	-1.99	2.93e-04	-2.09	-3.86e-04	3.61	4.94
		0.0	0.0	-3.77e-04	0.0	172.5	-1.99	-5.72	-2.09	-3.86e-04	0.0	0.0
55	112	4.94	3.60	3.98e-03	-5.72	0.0	1.66	-3.04e-04	-2.09	4.94e-04	3.60	4.94
		0.0	0.0	3.58e-04	0.0	172.5	1.66	-5.72	-2.09	4.94e-04	0.0	0.0
55	113	4.94	3.61	3.97e-03	-5.72	0.0	-2.82	3.03e-04	-2.09	-3.90e-04	3.61	4.94
		0.0	0.0	-3.72e-04	0.0	172.5	-2.82	-5.72	-2.09	-3.90e-04	0.0	0.0
55	116	4.94	3.60	3.98e-03	-5.72	0.0	1.67	-3.03e-04	-2.09	4.35e-04	3.60	4.94
		0.0	0.0	3.12e-04	0.0	172.5	1.67	-5.72	-2.09	4.35e-04	0.0	0.0
55	141	4.94	3.61	3.97e-03	-5.72	0.0	-1.77	1.62e-04	-2.09	-2.31e-04	3.61	4.94
		0.0	0.0	-2.42e-04	0.0	172.5	-1.77	-5.72	-2.09	-2.31e-04	0.0	0.0
55	143	4.94	3.61	3.97e-03	-5.72	0.0	-1.33	1.56e-04	-2.09	-1.98e-04	3.61	4.94
		0.0	0.0	-2.16e-04	0.0	172.5	-1.33	-5.72	-2.09	-1.98e-04	0.0	0.0
55	144	4.94	3.61	3.98e-03	-5.72	0.0	0.62	-1.62e-04	-2.09	2.76e-04	3.61	4.94
		0.0	0.0	2.10e-04	0.0	172.5	0.62	-5.72	-2.09	2.76e-04	0.0	0.0
55	145	4.94	3.61	3.97e-03	-5.72	0.0	-1.77	1.62e-04	-2.09	-2.00e-04	3.61	4.94
		0.0	0.0	-2.14e-04	0.0	172.5	-1.77	-5.72	-2.09	-2.00e-04	0.0	0.0
55	148	4.94	3.61	3.98e-03	-5.72	0.0	0.62	-1.62e-04	-2.09	2.45e-04	3.61	4.94
		0.0	0.0	1.91e-04	0.0	172.5	0.62	-5.72	-2.09	2.45e-04	0.0	0.0
55	160	6.67	4.87	5.37e-03	-7.73	0.0	-0.78	0.0	-2.83	3.14e-05	4.87	6.67
		0.0	0.0	1.06e-04	0.0	172.5	-0.78	-7.73	-2.83	3.14e-05	0.0	0.0
55	190	5.47	4.00	4.40e-03	-6.34	0.0	-1.77	0.0	-2.32	2.98e-05	4.00	5.47
		0.0	0.0	8.92e-05	0.0	172.5	-1.77	-6.34	-2.32	2.98e-05	0.0	0.0
55	192	6.31	4.61	5.08e-03	-7.32	0.0	-1.88	0.0	-2.67	3.56e-05	4.61	6.31
		0.0	0.0	1.03e-04	0.0	172.5	-1.88	-7.32	-2.67	3.56e-05	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
55	196	6.67	4.87	5.37e-03	-7.73	0.0	-0.09	0.0	-2.83	2.59e-05	4.87	6.67
		0.0	0.0	1.05e-04	0.0	172.5	-0.09	-7.73	-2.83	2.59e-05	0.0	0.0
55	199	1.01	0.74	8.10e-04	-1.17	0.0	1.01	0.0	-0.43	-1.62e-06	0.74	1.01
		0.0	0.0	1.35e-05	0.0	172.5	1.01	-1.17	-0.43	-1.62e-06	0.0	0.0
55	209	5.02	3.67	4.04e-03	-5.82	0.0	-0.58	0.0	-2.13	2.15e-05	3.67	5.02
		0.0	0.0	8.00e-05	0.0	172.5	-0.58	-5.82	-2.13	2.15e-05	0.0	0.0
55	210	5.38	3.93	4.33e-03	-6.24	0.0	-0.63	0.0	-2.28	2.40e-05	3.93	5.38
		0.0	0.0	8.57e-05	0.0	172.5	-0.63	-6.24	-2.28	2.40e-05	0.0	0.0
55	222	4.94	3.61	3.97e-03	-5.72	0.0	-0.80	0.0	-2.09	2.38e-05	3.61	4.94
		0.0	0.0	7.90e-05	0.0	172.5	-0.80	-5.72	-2.09	2.38e-05	0.0	0.0
55	223	1.01	0.74	8.10e-04	-1.17	0.0	0.09	0.0	-0.43	5.68e-06	0.74	1.01
		0.0	0.0	1.55e-05	0.0	172.5	0.09	-1.17	-0.43	5.68e-06	0.0	0.0
55	227	1.01	0.74	8.10e-04	-1.17	0.0	-0.14	0.0	-0.43	7.51e-06	0.74	1.01
		0.0	0.0	1.60e-05	0.0	172.5	-0.14	-1.17	-0.43	7.51e-06	0.0	0.0
55	228	4.58	3.34	3.68e-03	-5.31	0.0	-0.53	0.0	-1.94	1.99e-05	3.34	4.58
		0.0	0.0	7.29e-05	0.0	172.5	-0.53	-5.31	-1.94	1.99e-05	0.0	0.0
55	230	4.94	3.61	3.97e-03	-5.72	0.0	-0.58	0.0	-2.09	2.24e-05	3.61	4.94
		0.0	0.0	7.86e-05	0.0	172.5	-0.58	-5.72	-2.09	2.24e-05	0.0	0.0
56	4	9.66	7.06	7.70e-03	-11.28	0.0	-2.24	0.0	-4.12	3.72e-03	7.06	9.66
		0.0	0.0	1.52e-04	0.0	171.2	-2.24	-11.28	-4.12	3.72e-03	0.0	0.0
56	16	9.66	7.06	7.70e-03	-11.28	0.0	-2.27	0.0	-4.12	3.45e-03	7.06	9.66
		0.0	0.0	1.54e-04	0.0	171.2	-2.27	-11.28	-4.12	3.45e-03	0.0	0.0
56	19	2.77	2.02	2.21e-03	-3.23	0.0	-0.95	0.0	-1.18	1.39e-03	2.02	2.77
		0.0	0.0	4.50e-05	0.0	171.2	-0.95	-3.23	-1.18	1.39e-03	0.0	0.0
56	48	9.13	6.67	7.28e-03	-10.66	0.0	-2.65	0.0	-3.90	4.29e-03	6.67	9.13
		0.0	0.0	1.42e-04	0.0	171.2	-2.65	-10.66	-3.90	4.29e-03	0.0	0.0
56	87	2.53	1.85	2.02e-03	-2.96	0.0	-0.31	0.0	-1.08	2.90e-03	1.85	2.53
		0.0	0.0	-3.52e-05	0.0	171.2	-0.31	-2.96	-1.08	2.90e-03	0.0	0.0
56	89	0.99	0.72	7.91e-04	-1.16	0.0	0.19	0.0	-0.42	2.00e-03	0.72	0.99
		0.0	0.0	-2.56e-05	0.0	171.2	0.19	-1.16	-0.42	2.00e-03	0.0	0.0
56	93	4.87	3.56	3.88e-03	-5.68	0.0	-2.89	1.49e-04	-2.08	8.91e-04	3.56	4.87
		0.0	0.0	-2.20e-04	0.0	171.2	-2.89	-5.68	-2.08	8.91e-04	0.0	0.0
56	96	4.87	3.55	3.88e-03	-5.68	0.0	0.63	-1.49e-04	-2.07	2.80e-03	3.55	4.87
		0.0	0.0	1.95e-04	0.0	171.2	0.63	-5.68	-2.07	2.80e-03	0.0	0.0
56	109	4.86	3.56	3.87e-03	-5.68	0.0	-2.33	3.86e-04	-2.08	-1.72e-04	3.56	4.86
		0.0	0.0	-4.19e-04	0.0	171.2	-2.33	-5.68	-2.08	-1.72e-04	0.0	0.0
56	112	4.87	3.55	3.88e-03	-5.68	0.0	0.08	-3.86e-04	-2.07	3.87e-03	3.55	4.87
		0.0	0.0	3.56e-04	0.0	171.2	0.08	-5.68	-2.07	3.87e-03	0.0	0.0
56	117	4.87	3.56	3.88e-03	-5.68	0.0	-1.96	2.39e-04	-2.08	1.10e-03	3.56	4.87
		0.0	0.0	2.38e-04	0.0	171.2	-1.96	-5.68	-2.08	1.10e-03	0.0	0.0
56	119	4.87	3.56	3.88e-03	-5.68	0.0	-1.04	2.17e-04	-2.08	1.33e-03	3.56	4.87
		0.0	0.0	2.75e-04	0.0	171.2	-1.04	-5.68	-2.08	1.33e-03	0.0	0.0
56	125	4.87	3.56	3.88e-03	-5.68	0.0	-2.07	7.93e-05	-2.08	1.34e-03	3.56	4.87
		0.0	0.0	-1.32e-04	0.0	171.2	-2.07	-5.68	-2.08	1.34e-03	0.0	0.0
56	128	4.87	3.55	3.88e-03	-5.68	0.0	-0.19	-7.93e-05	-2.08	2.36e-03	3.55	4.87
		0.0	0.0	1.36e-04	0.0	171.2	-0.19	-5.68	-2.08	2.36e-03	0.0	0.0
56	141	4.87	3.56	3.88e-03	-5.68	0.0	-1.77	2.06e-04	-2.08	7.69e-04	3.56	4.87
		0.0	0.0	-2.39e-04	0.0	171.2	-1.77	-5.68	-2.08	7.69e-04	0.0	0.0
56	144	4.87	3.55	3.88e-03	-5.68	0.0	-0.49	-2.06e-04	-2.07	2.93e-03	3.55	4.87
		0.0	0.0	2.08e-04	0.0	171.2	-0.49	-5.68	-2.07	2.93e-03	0.0	0.0
56	149	4.87	3.56	3.88e-03	-5.68	0.0	-1.57	1.29e-04	-2.08	1.44e-03	3.56	4.87
		0.0	0.0	1.53e-04	0.0	171.2	-1.57	-5.68	-2.08	1.44e-03	0.0	0.0
56	151	4.87	3.56	3.88e-03	-5.68	0.0	-1.08	1.17e-04	-2.08	1.56e-03	3.56	4.87
		0.0	0.0	1.70e-04	0.0	171.2	-1.08	-5.68	-2.08	1.56e-03	0.0	0.0
56	160	6.57	4.80	5.24e-03	-7.68	0.0	-1.55	0.0	-2.81	2.57e-03	4.80	6.57
		0.0	0.0	1.04e-04	0.0	171.2	-1.55	-7.68	-2.81	2.57e-03	0.0	0.0
56	165	2.17	1.59	1.73e-03	-2.54	0.0	-0.76	0.0	-0.93	1.14e-03	1.59	2.17
		0.0	0.0	3.53e-05	0.0	171.2	-0.76	-2.54	-0.93	1.14e-03	0.0	0.0
56	166	6.57	4.80	5.24e-03	-7.68	0.0	-1.56	0.0	-2.81	2.39e-03	4.80	6.57
		0.0	0.0	1.04e-04	0.0	171.2	-1.56	-7.68	-2.81	2.39e-03	0.0	0.0
56	182	6.22	4.54	4.96e-03	-7.26	0.0	-1.82	0.0	-2.65	2.95e-03	4.54	6.22
		0.0	0.0	9.66e-05	0.0	171.2	-1.82	-7.26	-2.65	2.95e-03	0.0	0.0
56	199	0.99	0.72	7.91e-04	-1.16	0.0	3.53e-03	0.0	-0.42	1.55e-03	0.72	0.99
		0.0	0.0	-1.91e-05	0.0	171.2	3.53e-03	-1.16	-0.42	1.55e-03	0.0	0.0
56	201	1.82	1.33	1.45e-03	-2.12	0.0	-0.25	0.0	-0.78	2.02e-03	1.33	1.82
		0.0	0.0	-2.43e-05	0.0	171.2	-0.25	-2.12	-0.78	2.02e-03	0.0	0.0
56	205	1.58	1.16	1.26e-03	-1.85	0.0	-0.56	0.0	-0.68	9.89e-04	1.16	1.58
		0.0	0.0	2.51e-05	0.0	171.2	-0.56	-1.85	-0.68	9.89e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
56	210	5.31	3.88	4.23e-03	-6.20	0.0	-1.21	0.0	-2.26	1.97e-03	3.88	5.31
		0.0	0.0	8.36e-05	0.0	171.2	-1.21	-6.20	-2.26	1.97e-03	0.0	0.0
56	223	0.99	0.73	7.91e-04	-1.16	0.0	-0.30	0.0	-0.42	8.30e-04	0.73	0.99
		0.0	0.0	1.43e-05	0.0	171.2	-0.30	-1.16	-0.42	8.30e-04	0.0	0.0
56	225	1.35	0.98	1.07e-03	-1.57	0.0	-0.41	0.0	-0.57	1.03e-03	0.98	1.35
		0.0	0.0	1.99e-05	0.0	171.2	-0.41	-1.57	-0.57	1.03e-03	0.0	0.0
56	227	0.99	0.73	7.91e-04	-1.16	0.0	-0.38	0.0	-0.42	6.50e-04	0.73	0.99
		0.0	0.0	1.58e-05	0.0	171.2	-0.38	-1.16	-0.42	6.50e-04	0.0	0.0
56	229	1.35	0.98	1.07e-03	-1.57	0.0	-0.49	0.0	-0.57	8.53e-04	0.98	1.35
		0.0	0.0	2.14e-05	0.0	171.2	-0.49	-1.57	-0.57	8.53e-04	0.0	0.0
56	230	4.87	3.56	3.88e-03	-5.68	0.0	-1.13	0.0	-2.08	1.85e-03	3.56	4.87
		0.0	0.0	7.67e-05	0.0	171.2	-1.13	-5.68	-2.08	1.85e-03	0.0	0.0
57	36	4.54	8.29	7.74e-05	0.0	0.0	-0.61	5.21	9.35	5.21e-03	-7.25	-3.86
		-3.86	-7.25	-2.61e-03	0.57	161.2	-0.61	5.21	9.92	5.21e-03	8.29	4.54
57	49	0.91	1.61	8.33e-06	0.0	0.0	0.51	1.04	1.61	0.01	-1.34	-0.77
		-0.77	-1.34	-5.13e-04	0.44	161.2	0.51	1.04	2.05	0.01	1.61	0.91
57	56	4.47	9.04	1.19e-04	0.0	0.0	-1.65	5.08	9.74	-1.98e-03	-7.13	-3.73
		-3.73	-7.13	-2.52e-03	0.57	161.2	-1.65	5.08	10.32	-1.98e-03	9.04	4.47
57	68	4.09	8.90	1.56e-04	0.0	0.0	-1.98	4.62	9.26	-1.92e-04	-6.49	-3.36
		-3.36	-6.49	-2.29e-03	0.57	161.2	-1.98	4.62	9.83	-1.92e-04	8.90	4.09
57	76	4.47	7.42	8.38e-05	0.0	0.0	-0.85	5.17	8.83	-6.08e-03	-7.28	-3.88
		-3.88	-7.28	-2.64e-03	0.57	161.2	-0.85	5.17	9.40	-6.08e-03	7.42	4.47
57	103	2.27	4.11	-6.11e-05	0.0	0.0	1.48	2.59	4.56	-2.52e-03	-3.60	-1.91
		-1.91	-3.60	-1.31e-03	0.44	161.2	1.48	2.59	5.00	-2.52e-03	4.11	2.27
57	105	2.25	5.16	1.42e-04	0.0	0.0	-2.75	2.60	5.23	4.73e-04	-3.64	-1.95
		-1.95	-3.64	-1.34e-03	0.44	161.2	-2.75	2.60	5.67	4.73e-04	5.16	2.25
57	108	2.27	3.19	-1.09e-04	0.0	0.0	1.71	2.58	3.98	-4.68e-03	-3.58	-1.90
		-1.90	-3.58	-1.30e-03	0.44	161.2	1.71	2.58	4.42	-4.68e-03	3.19	2.27
57	121	2.26	6.32	1.31e-04	0.0	0.0	-1.65	2.61	5.97	3.61e-03	-3.67	-1.95
		-1.95	-3.67	-1.46e-03	0.44	161.2	-1.65	2.61	6.41	3.61e-03	6.32	2.26
57	135	2.26	4.14	-2.78e-05	0.0	0.0	0.55	2.59	4.58	-2.32e-03	-3.60	-1.92
		-1.92	-3.60	-1.31e-03	0.44	161.2	0.55	2.59	5.02	-2.32e-03	4.14	2.26
57	137	2.26	4.70	8.87e-05	0.0	0.0	-1.71	2.60	4.94	-7.29e-04	-3.62	-1.93
		-1.93	-3.62	-1.32e-03	0.44	161.2	-1.71	2.60	5.38	-7.29e-04	4.70	2.26
57	140	2.26	3.65	-5.59e-05	0.0	0.0	0.67	2.59	4.27	-3.48e-03	-3.59	-1.91
		-1.91	-3.59	-1.30e-03	0.44	161.2	0.67	2.59	4.71	-3.48e-03	3.65	2.26
57	153	2.26	5.32	7.52e-05	0.0	0.0	-1.13	2.60	5.33	9.48e-04	-3.64	-1.94
		-1.94	-3.64	-1.36e-03	0.44	161.2	-1.13	2.60	5.77	9.48e-04	5.32	2.26
57	176	3.14	5.74	5.37e-05	0.0	0.0	-0.43	3.60	6.44	3.37e-03	-5.01	-2.67
		-2.67	-5.01	-1.80e-03	0.44	161.2	-0.43	3.60	6.88	3.37e-03	5.74	3.14
57	179	0.89	1.60	1.08e-05	0.0	0.0	0.28	1.01	1.59	9.61e-03	-1.32	-0.75
		-0.75	-1.32	-5.03e-04	0.44	161.2	0.28	1.01	2.03	9.61e-03	1.60	0.89
57	186	3.09	6.24	8.08e-05	0.0	0.0	-1.12	3.52	6.70	-1.43e-03	-4.93	-2.58
		-2.58	-4.93	-1.74e-03	0.44	161.2	-1.12	3.52	7.14	-1.43e-03	6.24	3.09
57	192	2.84	6.14	1.05e-04	0.0	0.0	-1.34	3.21	6.38	-2.36e-04	-4.50	-2.33
		-2.33	-4.50	-1.59e-03	0.44	161.2	-1.34	3.21	6.82	-2.36e-04	6.14	2.84
57	196	3.09	5.16	5.80e-05	0.0	0.0	-0.59	3.58	6.10	-4.16e-03	-5.03	-2.68
		-2.68	-5.03	-1.83e-03	0.44	161.2	-0.59	3.58	6.54	-4.16e-03	5.16	3.09
57	206	2.42	4.46	4.40e-05	0.0	0.0	-0.56	2.78	4.94	-2.25e-03	-3.87	-2.06
		-2.06	-3.87	-1.39e-03	0.44	161.2	-0.56	2.78	5.38	-2.25e-03	4.46	2.42
57	215	0.85	1.59	1.47e-05	0.0	0.0	-0.10	0.97	1.57	1.27e-03	-1.30	-0.72
		-0.72	-1.30	-4.87e-04	0.44	161.2	-0.10	0.97	2.01	1.27e-03	1.59	0.85
57	222	2.25	4.34	4.58e-05	0.0	0.0	-0.66	2.58	4.70	-1.62e-03	-3.59	-1.90
		-1.90	-3.59	-1.28e-03	0.44	161.2	-0.66	2.58	5.14	-1.62e-03	4.34	2.25
57	227	0.84	1.58	1.57e-05	0.0	0.0	-0.19	0.96	1.57	-8.11e-04	-1.30	-0.71
		-0.71	-1.30	-4.83e-04	0.44	161.2	-0.19	0.96	2.01	-8.11e-04	1.58	0.84
57	230	2.26	4.17	4.11e-05	0.0	0.0	-0.52	2.59	4.60	-2.10e-03	-3.61	-1.92
		-1.92	-3.61	-1.30e-03	0.44	161.2	-0.52	2.59	5.05	-2.10e-03	4.17	2.26
58	24	2.79e-03	2.59	1.81e-04	0.0	0.0	-4.81	2.12	5.41	0.04	-6.60	-3.41
		-3.41	-6.60	-2.45e-03	0.57	161.2	-4.81	2.12	5.98	0.04	2.59	2.79e-03
58	49	1.52e-04	0.25	1.90e-05	0.0	0.0	0.10	0.48	0.76	-0.02	-1.34	-0.77
		-0.77	-1.34	-5.45e-04	0.44	161.2	0.10	0.48	1.20	-0.02	0.25	1.52e-04
58	56	3.55e-03	3.12	2.40e-04	0.0	0.0	-4.55	2.41	6.19	6.08e-03	-7.33	-3.87
		-3.87	-7.33	-2.78e-03	0.57	161.2	-4.55	2.41	6.76	6.08e-03	3.12	3.55e-03
58	68	4.03e-03	3.42	2.71e-04	0.0	0.0	-4.38	2.24	6.04	7.03e-03	-6.79	-3.60
		-3.60	-6.79	-2.59e-03	0.57	161.2	-4.38	2.24	6.62	7.03e-03	3.42	4.03e-03
58	105	2.21e-03	2.23	2.62e-04	0.0	0.0	-4.41	1.20	3.41	4.94e-03	-3.62	-1.93
		-1.93	-3.62	-1.35e-03	0.44	161.2	-4.41	1.20	3.85	4.94e-03	2.23	2.21e-03

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
58	108	2.99e-04	0.19	-1.05e-04	0.0	0.0	-0.03	1.19	2.14	-7.22e-04	-3.62	-1.92
		-1.92	-3.62	-1.39e-03	0.44	161.2	-0.03	1.19	2.58	-7.22e-04	0.19	2.99e-04
58	109	3.44e-03	2.30	3.73e-04	0.0	0.0	-3.23	1.19	3.45	3.92e-03	-3.61	-1.91
		-1.91	-3.61	-1.35e-03	0.44	161.2	-3.23	1.19	3.89	3.92e-03	2.30	3.44e-03
58	114	-6.76e-04	0.28	-2.71e-04	0.0	0.0	-2.28	1.20	2.20	7.04e-04	-3.63	-1.94
		-1.94	-3.63	-1.38e-03	0.44	161.2	-2.28	1.20	2.64	7.04e-04	0.28	-6.76e-04
58	118	-4.76e-04	-0.83	-2.71e-04	0.0	0.0	-1.63	1.21	1.52	-3.26e-03	-3.63	-1.95
		-1.95	-3.63	-1.40e-03	0.44	161.2	-1.63	1.21	1.96	-3.26e-03	-0.83	-4.76e-04
58	121	3.24e-03	3.40	4.43e-04	0.0	0.0	-3.88	1.18	4.13	7.89e-03	-3.61	-1.90
		-1.90	-3.61	-1.35e-03	0.44	161.2	-3.88	1.18	4.57	7.89e-03	3.40	3.24e-03
58	137	1.76e-03	1.75	1.80e-04	0.0	0.0	-3.39	1.19	3.11	3.62e-03	-3.62	-1.92
		-1.92	-3.62	-1.36e-03	0.44	161.2	-3.39	1.19	3.55	3.62e-03	1.75	1.76e-03
58	140	7.45e-04	0.67	-4.90e-05	0.0	0.0	-1.05	1.19	2.44	5.98e-04	-3.62	-1.92
		-1.92	-3.62	-1.38e-03	0.44	161.2	-1.05	1.19	2.88	5.98e-04	0.67	7.45e-04
58	141	2.41e-03	1.80	2.39e-04	0.0	0.0	-2.76	1.19	3.14	3.11e-03	-3.62	-1.92
		-1.92	-3.62	-1.36e-03	0.44	161.2	-2.76	1.19	3.58	3.11e-03	1.80	2.41e-03
58	146	2.31e-04	0.71	-1.38e-04	0.0	0.0	-2.25	1.20	2.47	1.32e-03	-3.62	-1.93
		-1.93	-3.62	-1.38e-03	0.44	161.2	-2.25	1.20	2.91	1.32e-03	0.71	2.31e-04
58	150	3.33e-04	0.12	-1.18e-04	0.0	0.0	-1.90	1.20	2.10	-7.59e-04	-3.62	-1.94
		-1.94	-3.62	-1.39e-03	0.44	161.2	-1.90	1.20	2.54	-7.59e-04	0.12	3.33e-04
58	153	2.31e-03	2.38	2.77e-04	0.0	0.0	-3.10	1.19	3.50	5.19e-03	-3.62	-1.91
		-1.91	-3.62	-1.35e-03	0.44	161.2	-3.10	1.19	3.94	5.19e-03	2.38	2.31e-03
58	170	1.92e-03	1.79	1.24e-04	0.0	0.0	-3.28	1.47	3.72	0.02	-4.57	-2.37
		-2.37	-4.57	-1.70e-03	0.44	161.2	-3.28	1.47	4.16	0.02	1.79	1.92e-03
58	179	2.47e-04	0.32	2.20e-05	0.0	0.0	-0.11	0.46	0.80	-9.75e-03	-1.33	-0.75
		-0.75	-1.33	-5.34e-04	0.44	161.2	-0.11	0.46	1.24	-9.75e-03	0.32	2.47e-04
58	186	2.42e-03	2.14	1.64e-04	0.0	0.0	-3.10	1.66	4.24	4.16e-03	-5.06	-2.68
		-2.68	-5.06	-1.92e-03	0.44	161.2	-3.10	1.66	4.69	4.16e-03	2.14	2.42e-03
58	192	2.74e-03	2.34	1.85e-04	0.0	0.0	-2.99	1.55	4.15	4.80e-03	-4.70	-2.50
		-2.50	-4.70	-1.80e-03	0.44	161.2	-2.99	1.55	4.59	4.80e-03	2.34	2.74e-03
58	206	1.35e-03	1.29	9.13e-05	0.0	0.0	-2.33	1.28	2.99	2.25e-03	-3.88	-2.06
		-2.06	-3.88	-1.47e-03	0.44	161.2	-2.33	1.28	3.43	2.25e-03	1.29	1.35e-03
58	210	1.34e-03	1.29	9.07e-05	0.0	0.0	-2.41	1.27	2.97	2.24e-03	-3.86	-2.05
		-2.05	-3.86	-1.46e-03	0.44	161.2	-2.41	1.27	3.41	2.24e-03	1.29	1.34e-03
58	215	3.99e-04	0.44	2.77e-05	0.0	0.0	-0.44	0.45	0.86	-1.30e-03	-1.31	-0.72
		-0.72	-1.31	-5.16e-04	0.44	161.2	-0.44	0.45	1.30	-1.30e-03	0.44	3.99e-04
58	222	1.48e-03	1.37	9.97e-05	0.0	0.0	-2.25	1.20	2.89	2.53e-03	-3.64	-1.93
		-1.93	-3.64	-1.38e-03	0.44	161.2	-2.25	1.20	3.33	2.53e-03	1.37	1.48e-03
58	227	4.37e-04	0.47	2.92e-05	0.0	0.0	-0.52	0.44	0.88	8.12e-04	-1.30	-0.71
		-0.71	-1.30	-5.12e-04	0.44	161.2	-0.52	0.44	1.32	8.12e-04	0.47	4.37e-04
58	230	1.25e-03	1.21	8.49e-05	0.0	0.0	-2.22	1.19	2.78	2.11e-03	-3.62	-1.92
		-1.92	-3.62	-1.37e-03	0.44	161.2	-2.22	1.19	3.22	2.11e-03	1.21	1.25e-03
59	16	7.25	3.86	2.61e-03	-0.57	0.0	-0.62	-9.39	-5.21	-5.33e-03	3.86	7.25
		-8.36	-4.54	-7.62e-05	0.0	161.2	-0.62	-9.97	-5.21	-5.33e-03	-4.54	-8.36
59	25	1.34	0.77	5.15e-04	-0.44	0.0	0.49	-1.68	-1.04	-0.02	0.77	1.34
		-1.72	-0.91	-9.24e-06	0.0	161.2	0.49	-2.12	-1.04	-0.02	-0.91	-1.72
59	56	7.13	3.73	2.52e-03	-0.57	0.0	-1.60	-9.74	-5.08	1.98e-03	3.73	7.13
		-9.04	-4.47	-1.19e-04	0.0	161.2	-1.60	-10.32	-5.08	1.98e-03	-4.47	-9.04
59	68	6.49	3.36	2.29e-03	-0.57	0.0	-1.90	-9.26	-4.62	1.99e-04	3.36	6.49
		-8.90	-4.09	-1.55e-04	0.0	161.2	-1.90	-9.83	-4.62	1.99e-04	-4.09	-8.90
59	76	7.28	3.87	2.64e-03	-0.57	0.0	-0.89	-8.83	-5.17	6.08e-03	3.87	7.28
		-7.42	-4.47	-8.31e-05	0.0	161.2	-0.89	-9.40	-5.17	6.08e-03	-4.47	-7.42
59	97	3.62	1.91	1.33e-03	-0.44	0.0	1.30	-5.05	-2.59	3.75e-04	1.91	3.62
		-4.87	-2.27	-1.93e-04	0.0	161.2	1.30	-5.49	-2.59	3.75e-04	-2.27	-4.87
59	102	3.59	1.90	1.30e-03	-0.44	0.0	1.63	-4.30	-2.59	3.56e-03	1.90	3.59
		-3.70	-2.27	9.60e-05	0.0	161.2	1.63	-4.74	-2.59	3.56e-03	-2.27	-3.70
59	103	3.63	1.94	1.31e-03	-0.44	0.0	-2.66	-4.91	-2.60	6.52e-04	1.94	3.63
		-4.65	-2.25	-1.54e-04	0.0	161.2	-2.66	-5.35	-2.60	6.52e-04	-2.25	-4.65
59	109	3.67	1.94	1.46e-03	-0.44	0.0	-0.55	-5.97	-2.61	-3.67e-03	1.94	3.67
		-6.32	-2.26	-2.52e-04	0.0	161.2	-0.55	-6.41	-2.61	-3.67e-03	-2.26	-6.32
59	115	3.66	1.95	1.44e-03	-0.44	0.0	-1.72	-5.87	-2.61	-3.26e-03	1.95	3.66
		-6.16	-2.26	-2.42e-04	0.0	161.2	-1.72	-6.32	-2.61	-3.26e-03	-2.26	-6.16
59	129	3.61	1.92	1.31e-03	-0.44	0.0	0.45	-4.84	-2.59	1.17e-03	1.92	3.61
		-4.55	-2.26	-1.21e-04	0.0	161.2	0.45	-5.28	-2.59	1.17e-03	-2.26	-4.55
59	134	3.60	1.91	1.30e-03	-0.44	0.0	0.62	-4.44	-2.59	2.88e-03	1.91	3.60
		-3.92	-2.26	4.75e-05	0.0	161.2	0.62	-4.88	-2.59	2.88e-03	-2.26	-3.92
59	135	3.62	1.93	1.30e-03	-0.44	0.0	-1.66	-4.77	-2.60	1.33e-03	1.93	3.62
		-4.43	-2.26	-9.99e-05	0.0	161.2	-1.66	-5.21	-2.60	1.33e-03	-2.26	-4.43

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
59	141	3.64	1.93	1.36e-03	-0.44	0.0	-0.54	-5.33	-2.60	-9.79e-04	1.93	3.64
		-5.32	-2.26	-1.46e-04	0.0	161.2	-0.54	-5.78	-2.60	-9.79e-04	-2.26	-5.32
59	147	3.64	1.94	1.35e-03	-0.44	0.0	-1.16	-5.28	-2.60	-7.59e-04	1.94	3.64
		-5.24	-2.26	-1.40e-04	0.0	161.2	-1.16	-5.72	-2.60	-7.59e-04	-2.26	-5.24
59	166	5.01	2.67	1.80e-03	-0.44	0.0	-0.44	-6.47	-3.60	-3.45e-03	2.67	5.01
		-5.78	-3.14	-5.29e-05	0.0	161.2	-0.44	-6.91	-3.60	-3.45e-03	-3.14	-5.78
59	167	1.32	0.75	5.04e-04	-0.44	0.0	0.26	-1.64	-1.01	-9.75e-03	0.75	1.32
		-1.68	-0.89	-1.09e-05	0.0	161.2	0.26	-2.08	-1.01	-9.75e-03	-0.89	-1.68
59	186	4.93	2.58	1.75e-03	-0.44	0.0	-1.09	-6.70	-3.52	1.43e-03	2.58	4.93
		-6.24	-3.09	-8.04e-05	0.0	161.2	-1.09	-7.14	-3.52	1.43e-03	-3.09	-6.24
59	192	4.50	2.33	1.59e-03	-0.44	0.0	-1.29	-6.38	-3.21	2.41e-04	2.33	4.50
		-6.14	-2.84	-1.05e-04	0.0	161.2	-1.29	-6.82	-3.21	2.41e-04	-2.84	-6.14
59	196	5.03	2.68	1.83e-03	-0.44	0.0	-0.62	-6.10	-3.58	4.16e-03	2.68	5.03
		-5.16	-3.09	-5.75e-05	0.0	161.2	-0.62	-6.54	-3.58	4.16e-03	-3.09	-5.16
59	206	3.87	2.06	1.39e-03	-0.44	0.0	-0.55	-4.94	-2.78	2.25e-03	2.06	3.87
		-4.46	-2.42	-4.36e-05	0.0	161.2	-0.55	-5.38	-2.78	2.25e-03	-2.42	-4.46
59	211	1.30	0.72	4.87e-04	-0.44	0.0	-0.10	-1.58	-0.97	-1.30e-03	0.72	1.30
		-1.60	-0.85	-1.45e-05	0.0	161.2	-0.10	-2.02	-0.97	-1.30e-03	-0.85	-1.60
59	222	3.59	1.90	1.28e-03	-0.44	0.0	-0.65	-4.70	-2.58	1.62e-03	1.90	3.59
		-4.34	-2.25	-4.55e-05	0.0	161.2	-0.65	-5.14	-2.58	1.62e-03	-2.25	-4.34
59	227	1.30	0.71	4.83e-04	-0.44	0.0	-0.19	-1.57	-0.96	8.12e-04	0.71	1.30
		-1.58	-0.84	-1.55e-05	0.0	161.2	-0.19	-2.01	-0.96	8.12e-04	-0.84	-1.58
59	230	3.61	1.92	1.30e-03	-0.44	0.0	-0.52	-4.60	-2.59	2.11e-03	1.92	3.61
		-4.17	-2.26	-4.07e-05	0.0	161.2	-0.52	-5.05	-2.59	2.11e-03	-2.26	-4.17
60	25	1.34	0.77	5.43e-04	-0.44	0.0	0.19	-0.84	-0.48	0.01	0.77	1.34
		-0.36	-3.20e-04	-2.73e-05	0.0	161.2	0.19	-1.28	-0.48	0.01	-3.20e-04	-0.36
60	56	7.33	3.88	2.78e-03	-0.57	0.0	-3.20	-6.19	-2.41	-6.08e-03	3.88	7.33
		-3.12	-3.56e-03	-2.39e-04	0.0	161.2	-3.20	-6.76	-2.41	-6.08e-03	-3.56e-03	-3.12
60	68	6.79	3.60	2.59e-03	-0.57	0.0	-3.09	-6.04	-2.24	-7.03e-03	3.60	6.79
		-3.42	-4.03e-03	-2.70e-04	0.0	161.2	-3.09	-6.61	-2.24	-7.03e-03	-4.03e-03	-3.42
60	88	6.48	3.36	2.37e-03	-0.57	0.0	-3.55	-4.52	-2.08	-1.92e-04	3.36	6.48
		-1.27	-9.57e-04	-7.13e-05	0.0	161.2	-3.55	-5.10	-2.08	-1.92e-04	-9.57e-04	-1.27
60	102	3.62	1.91	1.38e-03	-0.44	0.0	0.40	-2.47	-1.19	-1.35e-04	1.91	3.62
		-0.72	-9.97e-04	-5.76e-05	0.0	161.2	0.40	-2.91	-1.19	-1.35e-04	-9.97e-04	-0.72
60	103	3.62	1.93	1.36e-03	-0.44	0.0	-3.52	-3.08	-1.20	-4.07e-03	1.93	3.62
		-1.70	-1.52e-03	-1.17e-04	0.0	161.2	-3.52	-3.52	-1.20	-4.07e-03	-1.52e-03	-1.70
60	109	3.61	1.90	1.35e-03	-0.44	0.0	-2.24	-4.13	-1.18	-7.82e-03	1.90	3.61
		-3.40	-3.20e-03	2.44e-04	0.0	161.2	-2.24	-4.57	-1.18	-7.82e-03	-3.20e-03	-3.40
60	112	3.63	1.95	1.40e-03	-0.44	0.0	-0.89	-1.42	-1.21	3.61e-03	1.95	3.63
		0.98	6.81e-04	-2.75e-04	0.0	161.2	-0.89	-1.86	-1.21	3.61e-03	6.81e-04	0.98
60	121	3.61	1.91	1.36e-03	-0.44	0.0	-1.61	-3.44	-1.19	-3.77e-03	1.91	3.61
		-2.30	-3.40e-03	2.25e-04	0.0	161.2	-1.61	-3.89	-1.19	-3.77e-03	-3.40e-03	-2.30
60	124	3.63	1.94	1.39e-03	-0.44	0.0	-1.52	-2.11	-1.20	-4.38e-04	1.94	3.63
		-0.12	8.88e-04	-2.56e-04	0.0	161.2	-1.52	-2.55	-1.20	-4.38e-04	8.88e-04	-0.12
60	134	3.62	1.92	1.38e-03	-0.44	0.0	-0.52	-2.61	-1.19	-1.05e-03	1.92	3.62
		-0.95	-1.12e-03	-6.89e-05	0.0	161.2	-0.52	-3.05	-1.19	-1.05e-03	-1.12e-03	-0.95
60	135	3.62	1.93	1.36e-03	-0.44	0.0	-2.61	-2.94	-1.20	-3.16e-03	1.93	3.62
		-1.47	-1.40e-03	-1.01e-04	0.0	161.2	-2.61	-3.38	-1.20	-3.16e-03	-1.40e-03	-1.47
60	141	3.62	1.91	1.36e-03	-0.44	0.0	-1.92	-3.50	-1.19	-5.16e-03	1.91	3.62
		-2.38	-2.29e-03	1.25e-04	0.0	161.2	-1.92	-3.94	-1.19	-5.16e-03	-2.29e-03	-2.38
60	144	3.62	1.94	1.39e-03	-0.44	0.0	-1.20	-2.05	-1.20	9.48e-04	1.94	3.62
		-0.04	-2.25e-04	-1.56e-04	0.0	161.2	-1.20	-2.49	-1.20	9.48e-04	-2.25e-04	-0.04
60	153	3.62	1.91	1.36e-03	-0.44	0.0	-1.59	-3.14	-1.19	-3.03e-03	1.91	3.62
		-1.79	-2.39e-03	1.15e-04	0.0	161.2	-1.59	-3.58	-1.19	-3.03e-03	-2.39e-03	-1.79
60	156	3.62	1.93	1.38e-03	-0.44	0.0	-1.53	-2.42	-1.20	-1.18e-03	1.93	3.62
		-0.63	-1.20e-04	-1.47e-04	0.0	161.2	-1.53	-2.86	-1.20	-1.18e-03	-1.20e-04	-0.63
60	167	1.33	0.75	5.33e-04	-0.44	0.0	0.01	-0.85	-0.46	9.61e-03	0.75	1.33
		-0.40	-3.59e-04	-2.79e-05	0.0	161.2	0.01	-1.29	-0.46	9.61e-03	-3.59e-04	-0.40
60	186	5.06	2.68	1.92e-03	-0.44	0.0	-2.18	-4.24	-1.66	-4.16e-03	2.68	5.06
		-2.14	-2.43e-03	-1.63e-04	0.0	161.2	-2.18	-4.68	-1.66	-4.16e-03	-2.43e-03	-2.14
60	192	4.70	2.50	1.80e-03	-0.44	0.0	-2.11	-4.14	-1.55	-4.79e-03	2.50	4.70
		-2.34	-2.75e-03	-1.84e-04	0.0	161.2	-2.11	-4.59	-1.55	-4.79e-03	-2.75e-03	-2.34
60	202	4.50	2.33	1.65e-03	-0.44	0.0	-2.41	-3.13	-1.45	-2.36e-04	2.33	4.50
		-0.91	-6.97e-04	-5.13e-05	0.0	161.2	-2.41	-3.57	-1.45	-2.36e-04	-6.97e-04	-0.91
60	206	3.88	2.06	1.47e-03	-0.44	0.0	-1.64	-2.99	-1.28	-2.25e-03	2.06	3.88
		-1.29	-1.35e-03	-9.05e-05	0.0	161.2	-1.64	-3.43	-1.28	-2.25e-03	-1.35e-03	-1.29
60	210	3.86	2.05	1.46e-03	-0.44	0.0	-1.70	-2.97	-1.27	-2.24e-03	2.05	3.86
		-1.29	-1.34e-03	-8.99e-05	0.0	161.2	-1.70	-3.41	-1.27	-2.24e-03	-1.34e-03	-1.29

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
60	211	1.31	0.72	5.16e-04	-0.44	0.0	-0.28	-0.87	-0.45	1.27e-03	0.72	1.31
		-0.45	-4.22e-04	-2.88e-05	0.0	161.2	-0.28	-1.31	-0.45	1.27e-03	-4.22e-04	-0.45
60	222	3.64	1.93	1.38e-03	-0.44	0.0	-1.58	-2.89	-1.20	-2.53e-03	1.93	3.64
		-1.37	-1.48e-03	-9.90e-05	0.0	161.2	-1.58	-3.33	-1.20	-2.53e-03	-1.48e-03	-1.37
60	227	1.30	0.71	5.12e-04	-0.44	0.0	-0.35	-0.88	-0.44	-8.11e-04	0.71	1.30
		-0.47	-4.38e-04	-2.90e-05	0.0	161.2	-0.35	-1.32	-0.44	-8.11e-04	-4.38e-04	-0.47
60	230	3.62	1.92	1.37e-03	-0.44	0.0	-1.56	-2.78	-1.19	-2.10e-03	1.92	3.62
		-1.21	-1.26e-03	-8.42e-05	0.0	161.2	-1.56	-3.22	-1.19	-2.10e-03	-1.26e-03	-1.21
61	16	14.77	0.04	2.99e-03	-0.94	0.0	-0.84	-19.23	0.05	0.01	-0.03	14.77
		-17.01	-0.03	-1.10e-05	0.0	161.2	-0.84	-20.18	0.05	0.01	0.04	-17.01
61	25	2.62	3.85e-03	5.52e-04	-0.73	0.0	0.07	-3.26	8.27e-03	1.83e-03	-9.49e-03	2.62
		-3.21	-9.49e-03	0.0	0.0	161.2	0.07	-3.98	8.27e-03	1.83e-03	3.85e-03	-3.21
61	36	14.75	0.05	2.98e-03	-0.94	0.0	-1.08	-19.19	0.05	0.01	-0.03	14.75
		-16.95	-0.03	-1.53e-05	0.0	161.2	-1.08	-20.14	0.05	0.01	0.05	-16.95
61	56	14.63	0.05	2.93e-03	-0.94	0.0	-1.78	-19.43	0.05	6.21e-03	-0.03	14.63
		-17.46	-0.03	-1.10e-05	0.0	161.2	-1.78	-20.38	0.05	6.21e-03	0.05	-17.46
61	68	13.36	0.04	2.66e-03	-0.94	0.0	-2.21	-18.00	0.04	2.29e-03	-0.03	13.36
		-16.43	-0.03	-8.93e-06	0.0	161.2	-2.21	-18.95	0.04	2.29e-03	0.04	-16.43
61	76	14.77	0.04	2.99e-03	-0.94	0.0	-1.12	-18.78	0.05	0.01	-0.03	14.77
		-16.28	-0.03	-1.43e-05	0.0	161.2	-1.12	-19.73	0.05	0.01	0.04	-16.28
61	93	7.58	0.02	1.61e-03	-0.73	0.0	0.42	-10.03	0.04	8.08e-04	-0.04	7.58
		-9.19	-0.04	-9.60e-05	0.0	161.2	0.42	-10.76	0.04	8.08e-04	0.02	-9.19
61	102	7.26	0.02	1.45e-03	-0.73	0.0	0.51	-9.27	0.03	7.93e-03	-0.03	7.26
		-8.27	-0.03	9.74e-05	0.0	161.2	0.51	-10.00	0.03	7.93e-03	0.02	-8.27
61	103	7.44	0.03	1.54e-03	-0.73	0.0	-1.52	-9.70	0.02	2.91e-03	1.23e-03	7.44
		-8.79	1.23e-03	-1.10e-04	0.0	161.2	-1.52	-10.43	0.02	2.91e-03	0.03	-8.79
61	109	7.85	0.02	1.74e-03	-0.73	0.0	-0.36	-10.68	0.03	-4.51e-03	-0.03	7.85
		-9.96	-0.03	-5.51e-05	0.0	161.2	-0.36	-11.41	0.03	-4.51e-03	0.02	-9.96
61	125	7.47	0.02	1.55e-03	-0.73	0.0	-0.01	-9.78	0.03	2.96e-03	-0.03	7.47
		-8.88	-0.03	-5.46e-05	0.0	161.2	-0.01	-10.50	0.03	2.96e-03	0.02	-8.88
61	134	7.30	0.02	1.47e-03	-0.73	0.0	0.04	-9.37	0.03	6.76e-03	-0.02	7.30
		-8.40	-0.02	4.93e-05	0.0	161.2	0.04	-10.10	0.03	6.76e-03	0.02	-8.40
61	135	7.40	0.03	1.52e-03	-0.73	0.0	-1.04	-9.60	0.02	4.08e-03	-6.68e-03	7.40
		-8.67	-6.68e-03	-6.22e-05	0.0	161.2	-1.04	-10.33	0.02	4.08e-03	0.03	-8.67
61	141	7.62	0.02	1.62e-03	-0.73	0.0	-0.43	-10.12	0.03	1.23e-04	-0.02	7.62
		-9.29	-0.02	-3.36e-05	0.0	161.2	-0.43	-10.85	0.03	1.23e-04	0.02	-9.29
61	166	10.19	0.03	2.07e-03	-0.73	0.0	-0.59	-13.25	0.03	7.39e-03	-0.02	10.19
		-11.76	-0.02	-7.64e-06	0.0	161.2	-0.59	-13.98	0.03	7.39e-03	0.03	-11.76
61	167	2.62	5.44e-03	5.50e-04	-0.73	0.0	-0.02	-3.24	8.55e-03	1.89e-03	-8.35e-03	2.62
		-3.20	-8.35e-03	0.0	0.0	161.2	-0.02	-3.97	8.55e-03	1.89e-03	5.44e-03	-3.20
61	176	10.18	0.03	2.06e-03	-0.73	0.0	-0.74	-13.22	0.03	7.54e-03	-0.02	10.18
		-11.73	-0.02	-1.05e-05	0.0	161.2	-0.74	-13.95	0.03	7.54e-03	0.03	-11.73
61	186	10.10	0.03	2.03e-03	-0.73	0.0	-1.22	-13.38	0.03	4.41e-03	-0.02	10.10
		-12.06	-0.02	-7.68e-06	0.0	161.2	-1.22	-14.11	0.03	4.41e-03	0.03	-12.06
61	192	9.25	0.03	1.84e-03	-0.73	0.0	-1.50	-12.43	0.03	1.79e-03	-0.02	9.25
		-11.38	-0.02	-6.27e-06	0.0	161.2	-1.50	-13.16	0.03	1.79e-03	0.03	-11.38
61	196	10.20	0.03	2.07e-03	-0.73	0.0	-0.77	-12.95	0.03	0.01	-0.02	10.20
		-11.27	-0.02	-9.86e-06	0.0	161.2	-0.77	-13.68	0.03	0.01	0.03	-11.27
61	206	7.88	0.02	1.60e-03	-0.73	0.0	-0.54	-10.19	0.03	5.80e-03	-0.02	7.88
		-9.13	-0.02	-6.87e-06	0.0	161.2	-0.54	-10.91	0.03	5.80e-03	0.02	-9.13
61	211	2.61	7.99e-03	5.46e-04	-0.73	0.0	-0.17	-3.23	9.01e-03	2.00e-03	-6.53e-03	2.61
		-3.17	-6.53e-03	-1.99e-06	0.0	161.2	-0.17	-3.95	9.01e-03	2.00e-03	7.99e-03	-3.17
61	222	7.32	0.02	1.48e-03	-0.73	0.0	-0.68	-9.53	0.02	4.40e-03	-0.02	7.32
		-8.64	-0.02	-6.03e-06	0.0	161.2	-0.68	-10.26	0.02	4.40e-03	0.02	-8.64
61	227	2.61	8.63e-03	5.45e-04	-0.73	0.0	-0.21	-3.22	9.12e-03	2.02e-03	-6.08e-03	2.61
		-3.17	-6.08e-03	-2.39e-06	0.0	161.2	-0.21	-3.95	9.12e-03	2.02e-03	8.63e-03	-3.17
61	230	7.35	0.02	1.50e-03	-0.73	0.0	-0.50	-9.49	0.02	5.42e-03	-0.02	7.35
		-8.53	-0.02	-6.42e-06	0.0	161.2	-0.50	-10.21	0.02	5.42e-03	0.02	-8.53
62	16	14.73	3.28e-05	3.22e-03	-0.94	0.0	-7.67	-10.96	0.02	-0.01	-0.03	14.73
		-3.72	-0.03	-5.40e-06	0.0	161.2	-7.67	-11.91	0.02	-0.01	3.28e-05	-3.72
62	24	13.53	3.76e-05	2.95e-03	-0.94	0.0	-7.04	-10.06	0.02	-0.01	-0.03	13.53
		-3.45	-0.03	-7.44e-06	0.0	161.2	-7.04	-11.00	0.02	-0.01	3.76e-05	-3.45
62	25	2.59	2.24e-05	5.86e-04	-0.73	0.0	-0.60	-1.72	5.24e-03	-2.28e-03	-8.42e-03	2.59
		-0.76	-8.42e-03	-6.39e-06	0.0	161.2	-0.60	-2.45	5.24e-03	-2.28e-03	2.24e-05	-0.76
62	36	14.74	1.22e-05	3.22e-03	-0.94	0.0	-8.10	-10.92	0.02	-0.01	-0.03	14.74
		-3.62	-0.03	3.17e-06	0.0	161.2	-8.10	-11.86	0.02	-0.01	1.22e-05	-3.62
62	68	13.53	5.87e-06	2.96e-03	-0.94	0.0	-7.31	-10.74	0.01	-0.02	-0.02	13.53
		-4.54	-0.02	3.60e-06	0.0	161.2	-7.31	-11.68	0.01	-0.02	5.87e-06	-4.54

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
62	88	13.36	3.46e-05	2.87e-03	-0.94	0.0	-9.15	-9.66	0.02	-2.28e-03	-0.03	13.36
		-2.97	-0.03	-6.54e-06	0.0	161.2	-9.15	-10.60	0.02	-2.28e-03	3.46e-05	-2.97
62	102	7.44	-4.93e-04	1.66e-03	-0.73	0.0	-2.48	-5.12	0.02	-2.27e-03	-0.04	7.44
		-1.40	-0.04	-2.39e-05	0.0	161.2	-2.48	-5.85	0.02	-2.27e-03	-4.93e-04	-1.40
62	103	7.23	6.77e-03	1.57e-03	-0.73	0.0	-5.47	-5.53	-3.91e-03	-8.56e-03	6.77e-03	7.23
		-2.28	5.15e-04	2.20e-05	0.0	161.2	-5.47	-6.26	-3.91e-03	-8.56e-03	5.15e-04	-2.28
62	109	6.78	1.20e-03	1.37e-03	-0.73	0.0	-5.03	-6.46	9.53e-03	-0.02	-0.01	6.78
		-4.21	-0.01	2.63e-04	0.0	161.2	-5.03	-7.18	9.53e-03	-0.02	1.20e-03	-4.21
62	112	7.89	-1.18e-03	1.86e-03	-0.73	0.0	-2.92	-4.20	8.58e-03	4.53e-03	-0.01	7.89
		0.53	-0.01	-2.65e-04	0.0	161.2	-2.92	-4.93	8.58e-03	4.53e-03	-1.18e-03	0.53
62	114	7.85	-1.14e-03	1.84e-03	-0.73	0.0	-2.30	-4.29	0.02	4.07e-03	-0.03	7.85
		0.33	-0.03	-2.78e-04	0.0	161.2	-2.30	-5.02	0.02	4.07e-03	-1.14e-03	0.33
62	115	6.83	1.16e-03	1.39e-03	-0.73	0.0	-5.65	-6.36	2.95e-03	-0.01	-3.72e-03	6.83
		-4.02	-3.72e-03	2.76e-04	0.0	161.2	-5.65	-7.09	2.95e-03	-0.01	1.16e-03	-4.02
62	134	7.39	-2.59e-04	1.64e-03	-0.73	0.0	-3.18	-5.22	0.02	-3.73e-03	-0.03	7.39
		-1.61	-0.03	-1.37e-05	0.0	161.2	-3.18	-5.95	0.02	-3.73e-03	-2.59e-04	-1.61
62	141	7.04	6.52e-04	1.48e-03	-0.73	0.0	-4.54	-5.93	9.31e-03	-0.01	-0.01	7.04
		-3.11	-0.01	1.41e-04	0.0	161.2	-4.54	-6.66	9.31e-03	-0.01	6.52e-04	-3.11
62	144	7.63	-6.29e-04	1.74e-03	-0.73	0.0	-3.41	-4.73	8.80e-03	-1.08e-04	-0.01	7.63
		-0.58	-0.01	-1.43e-04	0.0	161.2	-3.41	-5.45	8.80e-03	-1.08e-04	-6.29e-04	-0.58
62	146	7.61	-6.07e-04	1.73e-03	-0.73	0.0	-3.08	-4.78	0.01	-3.53e-04	-0.02	7.61
		-0.68	-0.02	-1.50e-04	0.0	161.2	-3.08	-5.50	0.01	-3.53e-04	-6.07e-04	-0.68
62	147	7.06	6.30e-04	1.49e-03	-0.73	0.0	-4.87	-5.88	5.80e-03	-0.01	-8.79e-03	7.06
		-3.00	-8.79e-03	1.48e-04	0.0	161.2	-4.87	-6.61	5.80e-03	-0.01	6.30e-04	-3.00
62	150	7.52	6.67e-04	1.69e-03	-0.73	0.0	-3.36	-4.96	0.01	-3.81e-03	-0.02	7.52
		-1.06	-0.02	-1.39e-04	0.0	161.2	-3.36	-5.69	0.01	-3.81e-03	6.67e-04	-1.06
62	166	10.17	2.26e-05	2.22e-03	-0.73	0.0	-5.24	-7.53	0.01	-7.56e-03	-0.02	10.17
		-2.57	-0.02	-3.69e-06	0.0	161.2	-5.24	-8.26	0.01	-7.56e-03	2.26e-05	-2.57
62	167	2.60	1.67e-05	5.88e-04	-0.73	0.0	-0.72	-1.71	4.70e-03	-2.20e-03	-7.56e-03	2.60
		-0.74	-7.56e-03	-4.49e-06	0.0	161.2	-0.72	-2.43	4.70e-03	-2.20e-03	1.67e-05	-0.74
62	170	9.37	2.57e-05	2.05e-03	-0.73	0.0	-4.82	-6.93	0.01	-7.06e-03	-0.02	9.37
		-2.39	-0.02	-5.05e-06	0.0	161.2	-4.82	-7.66	0.01	-7.06e-03	2.57e-05	-2.39
62	176	10.18	8.85e-06	2.23e-03	-0.73	0.0	-5.53	-7.50	0.01	-7.35e-03	-0.02	10.18
		-2.51	-0.02	2.13e-06	0.0	161.2	-5.53	-8.23	0.01	-7.35e-03	8.85e-06	-2.51
62	192	9.37	4.62e-06	2.05e-03	-0.73	0.0	-5.00	-7.38	0.01	-0.01	-0.02	9.37
		-3.12	-0.02	2.40e-06	0.0	161.2	-5.00	-8.11	0.01	-0.01	4.62e-06	-3.12
62	202	9.26	2.38e-05	1.99e-03	-0.73	0.0	-6.23	-6.66	0.01	-1.79e-03	-0.02	9.26
		-2.07	-0.02	-4.45e-06	0.0	161.2	-6.23	-7.39	0.01	-1.79e-03	2.38e-05	-2.07
62	206	7.86	1.22e-05	1.73e-03	-0.73	0.0	-4.19	-5.74	9.72e-03	-5.80e-03	-0.02	7.86
		-1.97	-0.02	-1.10e-06	0.0	161.2	-4.19	-6.46	9.72e-03	-5.80e-03	1.22e-05	-1.97
62	210	7.83	1.19e-05	1.72e-03	-0.73	0.0	-4.31	-5.71	9.61e-03	-5.77e-03	-0.02	7.83
		-1.96	-0.02	-1.00e-06	0.0	161.2	-4.31	-6.43	9.61e-03	-5.77e-03	1.19e-05	-1.96
62	211	2.61	7.58e-06	5.92e-04	-0.73	0.0	-0.92	-1.69	3.84e-03	-2.06e-03	-6.18e-03	2.61
		-0.70	-6.18e-03	-1.44e-06	0.0	161.2	-0.92	-2.41	3.84e-03	-2.06e-03	7.58e-06	-0.70
62	214	7.33	1.36e-05	1.61e-03	-0.73	0.0	-3.92	-5.33	9.27e-03	-5.45e-03	-0.01	7.33
		-1.85	-0.01	-1.75e-06	0.0	161.2	-3.92	-6.06	9.27e-03	-5.45e-03	1.36e-05	-1.85
62	222	7.33	9.36e-06	1.61e-03	-0.73	0.0	-3.96	-5.42	8.85e-03	-6.31e-03	-0.01	7.33
		-2.00	-0.01	1.05e-06	0.0	161.2	-3.96	-6.15	8.85e-03	-6.31e-03	9.36e-06	-2.00
62	227	2.61	5.30e-06	5.93e-04	-0.73	0.0	-0.97	-1.68	3.62e-03	-2.02e-03	-5.83e-03	2.61
		-0.69	-5.83e-03	0.0	0.0	161.2	-0.97	-2.41	3.62e-03	-2.02e-03	5.30e-06	-0.69
62	230	7.34	1.13e-05	1.61e-03	-0.73	0.0	-3.98	-5.33	9.05e-03	-5.41e-03	-0.01	7.34
		-1.84	-0.01	0.0	0.0	161.2	-3.98	-6.06	9.05e-03	-5.41e-03	1.13e-05	-1.84
63	16	14.81	-1.66e-03	3.00e-03	-0.94	0.0	-1.18	-19.30	1.18e-03	-0.01	-3.57e-03	14.81
		-17.06	-3.57e-03	1.53e-06	0.0	161.2	-1.18	-20.24	1.18e-03	-0.01	-1.66e-03	-17.06
63	24	13.62	-2.77e-03	2.77e-03	-0.94	0.0	-1.09	-17.73	1.46e-03	-0.01	-5.12e-03	13.62
		-15.73	-5.12e-03	2.34e-06	0.0	161.2	-1.09	-18.68	1.46e-03	-0.01	-2.77e-03	-15.73
63	49	2.60	3.92e-03	5.39e-04	-0.73	0.0	-0.07	-3.19	-7.13e-04	-2.35e-03	3.92e-03	2.60
		-3.13	2.77e-03	-2.02e-06	0.0	161.2	-0.07	-3.92	-7.13e-04	-2.35e-03	2.77e-03	-3.13
63	56	14.69	1.33e-04	2.95e-03	-0.94	0.0	-1.97	-19.49	6.85e-04	-6.67e-03	-9.72e-04	14.69
		-17.50	-9.72e-04	0.0	0.0	161.2	-1.97	-20.44	6.85e-04	-6.67e-03	1.33e-04	-17.50
63	68	13.42	2.22e-04	2.67e-03	-0.94	0.0	-2.41	-18.06	6.32e-04	-2.79e-03	-7.97e-04	13.42
		-16.46	-7.97e-04	0.0	0.0	161.2	-2.41	-19.00	6.32e-04	-2.79e-03	2.22e-04	-16.46
63	93	7.57	-4.12e-03	1.60e-03	-0.73	0.0	-0.95	-9.97	0.01	-3.98e-03	-0.02	7.57
		-9.08	-0.02	-9.09e-05	0.0	161.2	-0.95	-10.69	0.01	-3.98e-03	-4.12e-03	-9.08
63	96	7.16	0.02	1.41e-03	-0.73	0.0	-0.21	-9.07	-9.58e-03	-7.24e-03	0.02	7.16
		-8.04	4.12e-03	9.12e-05	0.0	161.2	-0.21	-9.79	-9.58e-03	-7.24e-03	4.12e-03	-8.04
63	98	7.30	-4.39e-03	1.47e-03	-0.73	0.0	-0.87	-9.39	0.01	-7.55e-03	-0.02	7.30
		-8.42	-0.02	-2.77e-05	0.0	161.2	-0.87	-10.12	0.01	-7.55e-03	-4.39e-03	-8.42

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
63	99	7.43	0.02	1.53e-03	-0.73	0.0	-0.29	-9.64	-9.46e-03	-3.68e-03	0.02	7.43
		-8.70	4.39e-03	2.80e-05	0.0	161.2	-0.29	-10.37	-9.46e-03	-3.68e-03	4.39e-03	-8.70
63	121	7.84	-1.00e-03	1.72e-03	-0.73	0.0	-0.75	-10.53	3.79e-03	2.93e-03	-3.22e-03	7.84
		-9.72	-3.22e-03	-1.57e-04	0.0	161.2	-0.75	-11.25	3.79e-03	2.93e-03	-1.00e-03	-9.72
63	125	7.48	-2.20e-03	1.55e-03	-0.73	0.0	-0.77	-9.76	5.65e-03	-4.74e-03	-0.01	7.48
		-8.84	-0.01	-4.88e-05	0.0	161.2	-0.77	-10.48	5.65e-03	-4.74e-03	-2.20e-03	-8.84
63	128	7.26	0.01	1.45e-03	-0.73	0.0	-0.38	-9.28	-4.94e-03	-6.49e-03	0.01	7.26
		-8.28	2.20e-03	4.90e-05	0.0	161.2	-0.38	-10.00	-4.94e-03	-6.49e-03	2.20e-03	-8.28
63	130	7.33	-2.34e-03	1.49e-03	-0.73	0.0	-0.73	-9.45	5.59e-03	-6.64e-03	-0.01	7.33
		-8.49	-0.01	-1.45e-05	0.0	161.2	-0.73	-10.17	5.59e-03	-6.64e-03	-2.34e-03	-8.49
63	131	7.40	0.01	1.52e-03	-0.73	0.0	-0.43	-9.58	-4.88e-03	-4.58e-03	0.01	7.40
		-8.64	2.34e-03	1.48e-05	0.0	161.2	-0.43	-10.31	-4.88e-03	-4.58e-03	2.34e-03	-8.64
63	153	7.62	-5.33e-04	1.62e-03	-0.73	0.0	-0.67	-10.05	2.19e-03	-1.06e-03	-1.98e-03	7.62
		-9.18	-1.98e-03	-8.45e-05	0.0	161.2	-0.67	-10.78	2.19e-03	-1.06e-03	-5.33e-04	-9.18
63	166	10.22	-1.11e-03	2.08e-03	-0.73	0.0	-0.81	-13.30	7.97e-04	-7.62e-03	-2.39e-03	10.22
		-11.80	-2.39e-03	1.03e-06	0.0	161.2	-0.81	-14.02	7.97e-04	-7.62e-03	-1.11e-03	-11.80
63	170	9.43	-1.85e-03	1.92e-03	-0.73	0.0	-0.76	-12.25	9.81e-04	-6.96e-03	-3.43e-03	9.43
		-10.91	-3.43e-03	1.57e-06	0.0	161.2	-0.76	-12.98	9.81e-04	-6.96e-03	-1.85e-03	-10.91
63	179	2.61	2.58e-03	5.41e-04	-0.73	0.0	-0.12	-3.21	-4.50e-04	-2.27e-03	2.58e-03	2.61
		-3.15	1.85e-03	-1.33e-06	0.0	161.2	-0.12	-3.93	-4.50e-04	-2.27e-03	1.85e-03	-3.15
63	186	10.14	8.87e-05	2.04e-03	-0.73	0.0	-1.34	-13.43	4.67e-04	-4.73e-03	-6.64e-04	10.14
		-12.09	-6.64e-04	0.0	0.0	161.2	-1.34	-14.15	4.67e-04	-4.73e-03	8.87e-05	-12.09
63	192	9.30	1.48e-04	1.85e-03	-0.73	0.0	-1.64	-12.47	4.31e-04	-2.14e-03	-5.48e-04	9.30
		-11.39	-5.48e-04	0.0	0.0	161.2	-1.64	-13.20	4.31e-04	-2.14e-03	1.48e-04	-11.39
63	206	7.90	0.0	1.61e-03	-0.73	0.0	-0.62	-10.22	3.73e-04	-6.01e-03	-6.02e-04	7.90
		-9.16	-6.02e-04	0.0	0.0	161.2	-0.62	-10.94	3.73e-04	-6.01e-03	0.0	-9.16
63	214	7.37	-3.70e-04	1.50e-03	-0.73	0.0	-0.58	-9.52	4.61e-04	-5.58e-03	-1.11e-03	7.37
		-8.57	-1.11e-03	0.0	0.0	161.2	-0.58	-10.25	4.61e-04	-5.58e-03	-3.70e-04	-8.57
63	215	2.62	4.18e-04	5.46e-04	-0.73	0.0	-0.21	-3.23	-2.96e-05	-2.13e-03	4.18e-04	2.62
		-3.17	3.70e-04	0.0	0.0	161.2	-0.21	-3.95	-2.96e-05	-2.13e-03	3.70e-04	-3.17
63	222	7.34	2.96e-05	1.49e-03	-0.73	0.0	-0.76	-9.56	3.51e-04	-4.61e-03	-5.36e-04	7.34
		-8.66	-5.36e-04	0.0	0.0	161.2	-0.76	-10.29	3.51e-04	-4.61e-03	2.96e-05	-8.66
63	227	2.62	0.0	5.47e-04	-0.73	0.0	-0.23	-3.23	7.56e-05	-2.09e-03	-1.22e-04	2.62
		-3.18	-1.22e-04	0.0	0.0	161.2	-0.23	-3.96	7.56e-05	-2.09e-03	0.0	-3.18
63	228	6.57	0.0	1.34e-03	-0.73	0.0	-0.52	-8.46	3.29e-04	-5.02e-03	-5.30e-04	6.57
		-7.66	-5.30e-04	0.0	0.0	161.2	-0.52	-9.19	3.29e-04	-5.02e-03	0.0	-7.66
63	230	7.37	0.0	1.50e-03	-0.73	0.0	-0.58	-9.52	3.55e-04	-5.61e-03	-5.73e-04	7.37
		-8.56	-5.73e-04	0.0	0.0	161.2	-0.58	-10.24	3.55e-04	-5.61e-03	0.0	-8.56
64	25	2.60	1.87e-05	5.87e-04	-0.73	0.0	-0.64	-1.73	2.45e-03	-2.35e-03	-3.92e-03	2.60
		-0.77	-3.92e-03	-6.01e-06	0.0	161.2	-0.64	-2.45	2.45e-03	-2.35e-03	1.87e-05	-0.77
64	36	14.81	3.57e-03	3.24e-03	-0.94	0.0	-7.77	-10.97	-2.22e-03	-0.01	3.57e-03	14.81
		-3.63	-1.57e-05	4.98e-06	0.0	161.2	-7.77	-11.91	-2.22e-03	-0.01	-1.57e-05	-3.63
64	48	13.62	5.12e-03	2.98e-03	-0.94	0.0	-7.41	-10.03	-3.19e-03	-0.01	5.12e-03	13.62
		-3.31	-2.31e-05	7.37e-06	0.0	161.2	-7.41	-10.97	-3.19e-03	-0.01	-2.31e-05	-3.31
64	68	13.60	1.39e-03	2.97e-03	-0.94	0.0	-7.11	-10.78	-8.63e-04	-0.02	1.39e-03	13.60
		-4.55	-5.30e-06	1.64e-06	0.0	161.2	-7.11	-11.73	-8.63e-04	-0.02	-5.30e-06	-4.55
64	88	13.42	7.97e-04	2.88e-03	-0.94	0.0	-8.88	-9.70	-4.96e-04	-2.79e-03	7.97e-04	13.42
		-2.99	-2.43e-06	0.0	0.0	161.2	-8.88	-10.65	-4.96e-04	-2.79e-03	-2.43e-06	-2.99
64	102	7.43	-5.06e-04	1.65e-03	-0.73	0.0	-2.77	-5.24	0.01	-3.68e-03	-0.02	7.43
		-1.60	-0.02	-2.47e-05	0.0	161.2	-2.77	-5.97	0.01	-3.68e-03	-5.06e-04	-1.60
64	103	7.30	0.02	1.59e-03	-0.73	0.0	-4.92	-5.46	-0.01	-7.55e-03	0.02	7.30
		-2.09	5.02e-04	2.60e-05	0.0	161.2	-4.92	-6.19	-0.01	-7.55e-03	5.02e-04	-2.09
64	109	6.89	1.20e-03	1.40e-03	-0.73	0.0	-4.81	-6.30	3.48e-03	-0.01	-2.08e-03	6.89
		-3.84	-2.08e-03	2.68e-04	0.0	161.2	-4.81	-7.02	3.48e-03	-0.01	1.20e-03	-3.84
64	112	7.84	3.22e-03	1.84e-03	-0.73	0.0	-2.87	-4.41	-4.20e-03	2.93e-03	3.22e-03	7.84
		0.15	-1.21e-03	-2.67e-04	0.0	161.2	-2.87	-5.14	-4.20e-03	2.93e-03	-1.21e-03	0.15
64	114	7.80	-1.16e-03	1.82e-03	-0.73	0.0	-2.45	-4.50	2.69e-03	2.30e-03	-7.83e-03	7.80
		-0.05	-7.83e-03	-2.80e-04	0.0	161.2	-2.45	-5.23	2.69e-03	2.30e-03	-1.16e-03	-0.05
64	115	6.94	8.98e-03	1.42e-03	-0.73	0.0	-5.24	-6.20	-3.40e-03	-0.01	8.98e-03	6.94
		-3.65	1.16e-03	2.82e-04	0.0	161.2	-5.24	-6.93	-3.40e-03	-0.01	1.16e-03	-3.65
64	134	7.40	-2.73e-04	1.63e-03	-0.73	0.0	-3.27	-5.29	6.32e-03	-4.58e-03	-0.01	7.40
		-1.72	-0.01	-1.34e-05	0.0	161.2	-3.27	-6.02	6.32e-03	-4.58e-03	-2.73e-04	-1.72
64	135	7.33	0.01	1.60e-03	-0.73	0.0	-4.42	-5.41	-7.03e-03	-6.64e-03	0.01	7.33
		-1.98	2.68e-04	1.46e-05	0.0	161.2	-4.42	-6.14	-7.03e-03	-6.64e-03	2.68e-04	-1.98
64	141	7.11	6.45e-04	1.50e-03	-0.73	0.0	-4.36	-5.86	1.69e-03	-0.01	-8.34e-04	7.11
		-2.91	-8.34e-04	1.45e-04	0.0	161.2	-4.36	-6.58	1.69e-03	-0.01	6.45e-04	-2.91
64	144	7.62	1.98e-03	1.73e-03	-0.73	0.0	-3.33	-4.85	-2.41e-03	-1.06e-03	1.98e-03	7.62
		-0.78	-6.50e-04	-1.44e-04	0.0	161.2	-3.33	-5.58	-2.41e-03	-1.06e-03	-6.50e-04	-0.78

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
64	146	7.60	-6.27e-04	1.72e-03	-0.73	0.0	-3.10	-4.90	1.26e-03	-1.39e-03	-3.91e-03	7.60
		-0.89	-3.91e-03	-1.51e-04	0.0	161.2	-3.10	-5.63	1.26e-03	-1.39e-03	-6.27e-04	-0.89
64	147	7.14	5.06e-03	1.51e-03	-0.73	0.0	-4.59	-5.81	-1.98e-03	-9.83e-03	5.06e-03	7.14
		-2.81	6.23e-04	1.52e-04	0.0	161.2	-4.59	-6.53	-1.98e-03	-9.83e-03	6.23e-04	-2.81
64	167	2.61	1.23e-05	5.89e-04	-0.73	0.0	-0.73	-1.71	1.60e-03	-2.27e-03	-2.58e-03	2.61
		-0.74	-2.58e-03	-3.95e-06	0.0	161.2	-0.73	-2.44	1.60e-03	-2.27e-03	1.23e-05	-0.74
64	176	10.22	2.39e-03	2.24e-03	-0.73	0.0	-5.30	-7.54	-1.49e-03	-7.62e-03	2.39e-03	10.22
		-2.51	-1.05e-05	3.34e-06	0.0	161.2	-5.30	-8.26	-1.49e-03	-7.62e-03	-1.05e-05	-2.51
64	182	9.43	3.43e-03	2.07e-03	-0.73	0.0	-5.06	-6.91	-2.14e-03	-6.96e-03	3.43e-03	9.43
		-2.30	-1.55e-05	4.93e-06	0.0	161.2	-5.06	-7.64	-2.14e-03	-6.96e-03	-1.55e-05	-2.30
64	192	9.41	9.41e-04	2.06e-03	-0.73	0.0	-4.87	-7.41	-5.86e-04	-0.01	9.41e-04	9.41
		-3.13	-3.61e-06	1.12e-06	0.0	161.2	-4.87	-8.14	-5.86e-04	-0.01	-3.61e-06	-3.13
64	202	9.30	5.48e-04	2.00e-03	-0.73	0.0	-6.05	-6.69	-3.41e-04	-2.14e-03	5.48e-04	9.30
		-2.08	-1.69e-06	0.0	0.0	161.2	-6.05	-7.42	-3.41e-04	-2.14e-03	-1.69e-06	-2.08
64	206	7.90	6.02e-04	1.73e-03	-0.73	0.0	-4.05	-5.76	-3.74e-04	-6.01e-03	6.02e-04	7.90
		-1.98	-2.20e-06	0.0	0.0	161.2	-4.05	-6.49	-3.74e-04	-6.01e-03	-2.20e-06	-1.98
64	210	7.86	6.24e-04	1.72e-03	-0.73	0.0	-4.17	-5.73	-3.88e-04	-5.98e-03	6.24e-04	7.86
		-1.97	-2.26e-06	0.0	0.0	161.2	-4.17	-6.46	-3.88e-04	-5.98e-03	-2.26e-06	-1.97
64	211	2.62	2.05e-06	5.94e-04	-0.73	0.0	-0.88	-1.69	2.60e-04	-2.13e-03	-4.18e-04	2.62
		-0.70	-4.18e-04	0.0	0.0	161.2	-0.88	-2.42	2.60e-04	-2.13e-03	2.05e-06	-0.70
64	218	7.37	1.11e-03	1.62e-03	-0.73	0.0	-3.87	-5.35	-6.93e-04	-5.58e-03	1.11e-03	7.37
		-1.84	-4.65e-06	1.46e-06	0.0	161.2	-3.87	-6.07	-6.93e-04	-5.58e-03	-4.65e-06	-1.84
64	222	7.37	6.15e-04	1.62e-03	-0.73	0.0	-3.83	-5.45	-3.83e-04	-6.49e-03	6.15e-04	7.37
		-2.00	-2.27e-06	0.0	0.0	161.2	-3.83	-6.17	-3.83e-04	-6.49e-03	-2.27e-06	-2.00
64	227	2.62	1.22e-04	5.95e-04	-0.73	0.0	-0.92	-1.69	-7.59e-05	-2.09e-03	1.22e-04	2.62
		-0.69	0.0	0.0	0.0	161.2	-0.92	-2.41	-7.59e-05	-2.09e-03	0.0	-0.69
64	230	7.37	5.73e-04	1.62e-03	-0.73	0.0	-3.84	-5.35	-3.57e-04	-5.61e-03	5.73e-04	7.37
		-1.85	-2.08e-06	0.0	0.0	161.2	-3.84	-6.08	-3.57e-04	-5.61e-03	-2.08e-06	-1.85
65	16	14.77	0.03	2.99e-03	-0.94	0.0	-1.07	-19.24	-0.05	-0.01	0.03	14.77
		-17.01	-0.05	1.56e-05	0.0	161.2	-1.07	-20.18	-0.05	-0.01	-0.05	-17.01
65	36	14.75	0.03	2.98e-03	-0.94	0.0	-0.84	-19.19	-0.05	-0.01	0.03	14.75
		-16.95	-0.04	1.19e-05	0.0	161.2	-0.84	-20.13	-0.05	-0.01	-0.04	-16.95
65	49	2.60	8.42e-03	5.37e-04	-0.73	0.0	0.06	-3.18	-7.61e-03	-2.28e-03	8.42e-03	2.60
		-3.12	-3.85e-03	0.0	0.0	161.2	0.06	-3.91	-7.61e-03	-2.28e-03	-3.85e-03	-3.12
65	56	14.63	0.03	2.93e-03	-0.94	0.0	-1.80	-19.43	-0.05	-6.19e-03	0.03	14.63
		-17.46	-0.04	1.15e-05	0.0	161.2	-1.80	-20.38	-0.05	-6.19e-03	-0.04	-17.46
65	68	13.36	0.03	2.66e-03	-0.94	0.0	-2.25	-18.00	-0.04	-2.28e-03	0.03	13.36
		-16.43	-0.04	9.23e-06	0.0	161.2	-2.25	-18.95	-0.04	-2.28e-03	-0.04	-16.43
65	76	14.77	0.03	2.99e-03	-0.94	0.0	-1.09	-18.78	-0.05	-0.01	0.03	14.77
		-16.28	-0.05	1.50e-05	0.0	161.2	-1.09	-19.73	-0.05	-0.01	-0.05	-16.28
65	99	7.44	0.04	1.54e-03	-0.73	0.0	0.44	-9.71	-0.03	-2.27e-03	0.04	7.44
		-8.80	-0.02	3.56e-05	0.0	161.2	0.44	-10.44	-0.03	-2.27e-03	-0.02	-8.80
65	102	7.32	-1.67e-03	1.49e-03	-0.73	0.0	-1.45	-9.45	-0.02	-4.60e-03	-1.67e-03	7.32
		-8.49	-0.03	1.09e-04	0.0	161.2	-1.45	-10.17	-0.02	-4.60e-03	-0.03	-8.49
65	105	7.57	7.43e-04	1.60e-03	-0.73	0.0	-1.51	-10.03	-0.02	-7.33e-04	7.43e-04	7.57
		-9.18	-0.03	4.61e-05	0.0	161.2	-1.51	-10.75	-0.02	-7.33e-04	-0.03	-9.18
65	108	7.12	0.03	1.39e-03	-0.73	0.0	0.51	-8.95	-0.03	-0.01	0.03	7.12
		-7.89	-0.02	-3.27e-05	0.0	161.2	0.51	-9.67	-0.03	-0.01	-0.02	-7.89
65	121	7.85	0.01	1.74e-03	-0.73	0.0	-0.91	-10.68	-0.02	4.53e-03	0.01	7.85
		-9.95	-0.02	-1.49e-04	0.0	161.2	-0.91	-11.41	-0.02	4.53e-03	-0.02	-9.95
65	131	7.40	0.03	1.52e-03	-0.73	0.0	-7.82e-04	-9.60	-0.03	-3.73e-03	0.03	7.40
		-8.67	-0.02	2.19e-05	0.0	161.2	-7.82e-04	-10.33	-0.03	-3.73e-03	-0.02	-8.67
65	134	7.34	5.91e-03	1.49e-03	-0.73	0.0	-1.01	-9.46	-0.02	-4.99e-03	5.91e-03	7.34
		-8.51	-0.03	6.16e-05	0.0	161.2	-1.01	-10.19	-0.02	-4.99e-03	-0.03	-8.51
65	137	7.47	7.21e-03	1.55e-03	-0.73	0.0	-1.04	-9.77	-0.02	-2.92e-03	7.21e-03	7.47
		-8.88	-0.03	2.75e-05	0.0	161.2	-1.04	-10.50	-0.02	-2.92e-03	-0.03	-8.88
65	140	7.23	0.02	1.44e-03	-0.73	0.0	0.04	-9.20	-0.03	-7.91e-03	0.02	7.23
		-8.19	-0.02	-1.41e-05	0.0	161.2	0.04	-9.92	-0.03	-7.91e-03	-0.02	-8.19
65	153	7.62	0.01	1.62e-03	-0.73	0.0	-0.72	-10.12	-0.02	-1.08e-04	0.01	7.62
		-9.29	-0.02	-7.73e-05	0.0	161.2	-0.72	-10.85	-0.02	-1.08e-04	-0.02	-9.29
65	166	10.20	0.02	2.07e-03	-0.73	0.0	-0.74	-13.25	-0.03	-7.35e-03	0.02	10.20
		-11.76	-0.03	1.07e-05	0.0	161.2	-0.74	-13.98	-0.03	-7.35e-03	-0.03	-11.76
65	176	10.18	0.02	2.06e-03	-0.73	0.0	-0.59	-13.22	-0.03	-7.56e-03	0.02	10.18
		-11.73	-0.03	8.27e-06	0.0	161.2	-0.59	-13.95	-0.03	-7.56e-03	-0.03	-11.73
65	179	2.60	7.56e-03	5.40e-04	-0.73	0.0	-0.03	-3.20	-8.06e-03	-2.20e-03	7.56e-03	2.60
		-3.14	-5.44e-03	0.0	0.0	161.2	-0.03	-3.92	-8.06e-03	-2.20e-03	-5.44e-03	-3.14
65	186	10.10	0.02	2.03e-03	-0.73	0.0	-1.23	-13.38	-0.03	-4.40e-03	0.02	10.10
		-12.06	-0.03	8.00e-06	0.0	161.2	-1.23	-14.11	-0.03	-4.40e-03	-0.03	-12.06

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
65	192	9.25	0.02	1.84e-03	-0.73	0.0	-1.53	-12.43	-0.03	-1.79e-03	0.02	9.25
		-11.38	-0.03	6.48e-06	0.0	161.2	-1.53	-13.16	-0.03	-1.79e-03	-0.03	-11.38
65	196	10.20	0.02	2.07e-03	-0.73	0.0	-0.75	-12.95	-0.03	-0.01	0.02	10.20
		-11.27	-0.03	1.03e-05	0.0	161.2	-0.75	-13.68	-0.03	-0.01	-0.03	-11.27
65	206	7.88	0.02	1.60e-03	-0.73	0.0	-0.54	-10.19	-0.02	-5.80e-03	0.02	7.88
		-9.13	-0.02	7.19e-06	0.0	161.2	-0.54	-10.91	-0.02	-5.80e-03	-0.02	-9.13
65	215	2.61	6.18e-03	5.44e-04	-0.73	0.0	-0.17	-3.22	-8.79e-03	-2.06e-03	6.18e-03	2.61
		-3.16	-7.99e-03	2.18e-06	0.0	161.2	-0.17	-3.94	-8.79e-03	-2.06e-03	-7.99e-03	-3.16
65	222	7.32	0.01	1.48e-03	-0.73	0.0	-0.68	-9.53	-0.02	-4.39e-03	0.01	7.32
		-8.64	-0.02	6.30e-06	0.0	161.2	-0.68	-10.26	-0.02	-4.39e-03	-0.02	-8.64
65	227	2.61	5.83e-03	5.45e-04	-0.73	0.0	-0.21	-3.22	-8.97e-03	-2.02e-03	5.83e-03	2.61
		-3.17	-8.63e-03	2.50e-06	0.0	161.2	-0.21	-3.95	-8.97e-03	-2.02e-03	-8.63e-03	-3.17
65	230	7.35	0.01	1.50e-03	-0.73	0.0	-0.50	-9.49	-0.02	-5.41e-03	0.01	7.35
		-8.53	-0.02	6.72e-06	0.0	161.2	-0.50	-10.21	-0.02	-5.41e-03	-0.02	-8.53
66	36	14.75	0.03	3.22e-03	-0.94	0.0	-7.39	-10.92	-0.02	0.01	0.03	14.75
		-3.62	-4.33e-05	8.67e-06	0.0	161.2	-7.39	-11.87	-0.02	0.01	-4.33e-05	-3.62
66	48	13.56	0.03	2.97e-03	-0.94	0.0	-6.75	-9.99	-0.02	9.74e-03	0.03	13.56
		-3.30	-4.91e-05	1.11e-05	0.0	161.2	-6.75	-10.93	-0.02	9.74e-03	-4.91e-05	-3.30
66	49	2.63	9.49e-03	6.01e-04	-0.73	0.0	-0.48	-1.64	-5.90e-03	1.83e-03	9.49e-03	2.63
		-0.61	-2.74e-05	7.98e-06	0.0	161.2	-0.48	-2.37	-5.90e-03	1.83e-03	-2.74e-05	-0.61
66	68	13.53	0.03	2.96e-03	-0.94	0.0	-7.15	-10.74	-0.02	0.02	0.03	13.53
		-4.54	-1.28e-05	-2.51e-06	0.0	161.2	-7.15	-11.68	-0.02	0.02	-1.28e-05	-4.54
66	88	13.36	0.03	2.87e-03	-0.94	0.0	-8.89	-9.66	-0.02	2.29e-03	0.03	13.36
		-2.97	-4.29e-05	9.00e-06	0.0	161.2	-8.89	-10.60	-0.02	2.29e-03	-4.29e-05	-2.97
66	105	7.08	-5.09e-04	1.50e-03	-0.73	0.0	-5.65	-5.85	4.69e-03	0.01	-8.02e-03	7.08
		-2.94	-8.02e-03	1.29e-04	0.0	161.2	-5.65	-6.58	4.69e-03	0.01	-5.09e-04	-2.94
66	108	7.59	0.04	1.72e-03	-0.73	0.0	-2.06	-4.81	-0.02	8.08e-04	0.04	7.59
		-0.75	4.78e-04	-1.24e-04	0.0	161.2	-2.06	-5.53	-0.02	8.08e-04	4.78e-04	-0.75
66	121	6.78	5.21e-03	1.37e-03	-0.73	0.0	-5.57	-6.46	-3.88e-03	0.02	5.21e-03	6.78
		-4.22	-1.17e-03	2.36e-04	0.0	161.2	-5.57	-7.18	-3.88e-03	0.02	-1.17e-03	-4.22
66	124	7.89	0.03	1.86e-03	-0.73	0.0	-2.14	-4.20	-0.02	-4.51e-03	0.03	7.89
		0.53	1.14e-03	-2.31e-04	0.0	161.2	-2.14	-4.93	-0.02	-4.51e-03	1.14e-03	0.53
66	137	7.20	3.05e-03	1.55e-03	-0.73	0.0	-4.81	-5.61	-2.05e-03	7.88e-03	3.05e-03	7.20
		-2.43	-2.80e-04	7.03e-05	0.0	161.2	-4.81	-6.33	-2.05e-03	7.88e-03	-2.80e-04	-2.43
66	140	7.47	0.03	1.67e-03	-0.73	0.0	-2.90	-5.05	-0.02	2.96e-03	0.03	7.47
		-1.26	2.49e-04	-6.58e-05	0.0	161.2	-2.90	-5.78	-0.02	2.96e-03	2.49e-04	-1.26
66	144	7.54	0.02	1.70e-03	-0.73	0.0	-3.21	-4.91	-0.01	3.47e-03	0.02	7.54
		-0.96	-6.70e-04	-1.43e-04	0.0	161.2	-3.21	-5.64	-0.01	3.47e-03	-6.70e-04	-0.96
66	153	7.04	0.01	1.48e-03	-0.73	0.0	-4.77	-5.93	-6.62e-03	0.01	0.01	7.04
		-3.11	-6.35e-04	1.29e-04	0.0	161.2	-4.77	-6.66	-6.62e-03	0.01	-6.35e-04	-3.11
66	156	7.63	0.02	1.74e-03	-0.73	0.0	-2.94	-4.73	-0.01	1.23e-04	0.02	7.63
		-0.58	6.04e-04	-1.25e-04	0.0	161.2	-2.94	-5.45	-0.01	1.23e-04	6.04e-04	-0.58
66	176	10.18	0.02	2.23e-03	-0.73	0.0	-5.05	-7.50	-0.01	7.39e-03	0.02	10.18
		-2.51	-2.97e-05	5.92e-06	0.0	161.2	-5.05	-8.23	-0.01	7.39e-03	-2.97e-05	-2.51
66	179	2.62	8.35e-03	5.98e-04	-0.73	0.0	-0.63	-1.66	-5.19e-03	1.89e-03	8.35e-03	2.62
		-0.64	-2.04e-05	5.65e-06	0.0	161.2	-0.63	-2.38	-5.19e-03	1.89e-03	-2.04e-05	-0.64
66	182	9.39	0.02	2.06e-03	-0.73	0.0	-4.62	-6.88	-0.01	6.76e-03	0.02	9.39
		-2.29	-3.36e-05	7.51e-06	0.0	161.2	-4.62	-7.61	-0.01	6.76e-03	-3.36e-05	-2.29
66	192	9.37	0.02	2.05e-03	-0.73	0.0	-4.89	-7.38	-0.01	0.01	0.02	9.37
		-3.12	-9.41e-06	-1.68e-06	0.0	161.2	-4.89	-8.11	-0.01	0.01	-9.41e-06	-3.12
66	202	9.26	0.02	1.99e-03	-0.73	0.0	-6.05	-6.66	-0.01	1.79e-03	0.02	9.26
		-2.07	-2.94e-05	6.14e-06	0.0	161.2	-6.05	-7.39	-0.01	1.79e-03	-2.94e-05	-2.07
66	206	7.86	0.02	1.73e-03	-0.73	0.0	-4.06	-5.74	-0.01	5.80e-03	0.02	7.86
		-1.97	-1.66e-05	2.43e-06	0.0	161.2	-4.06	-6.46	-0.01	5.80e-03	-1.66e-05	-1.97
66	210	7.83	0.02	1.72e-03	-0.73	0.0	-4.18	-5.71	-0.01	5.77e-03	0.02	7.83
		-1.96	-1.63e-05	2.37e-06	0.0	161.2	-4.18	-6.43	-0.01	5.77e-03	-1.63e-05	-1.96
66	215	2.61	6.53e-03	5.94e-04	-0.73	0.0	-0.87	-1.68	-4.06e-03	2.00e-03	6.53e-03	2.61
		-0.68	-9.13e-06	1.93e-06	0.0	161.2	-0.87	-2.40	-4.06e-03	2.00e-03	-9.13e-06	-0.68
66	218	7.34	0.02	1.61e-03	-0.73	0.0	-3.80	-5.32	-0.01	5.39e-03	0.02	7.34
		-1.83	-1.82e-05	3.18e-06	0.0	161.2	-3.80	-6.05	-0.01	5.39e-03	-1.82e-05	-1.83
66	222	7.33	0.02	1.61e-03	-0.73	0.0	-3.85	-5.42	-9.50e-03	6.32e-03	0.02	7.33
		-2.00	-1.34e-05	1.59e-06	0.0	161.2	-3.85	-6.15	-9.50e-03	6.32e-03	-1.34e-05	-2.00
66	227	2.61	6.08e-03	5.93e-04	-0.73	0.0	-0.93	-1.68	-3.77e-03	2.02e-03	6.08e-03	2.61
		-0.69	-6.33e-06	1.00e-06	0.0	161.2	-0.93	-2.41	-3.77e-03	2.02e-03	-6.33e-06	-0.69
66	230	7.34	0.02	1.61e-03	-0.73	0.0	-3.86	-5.33	-9.75e-03	5.42e-03	0.02	7.34
		-1.84	-1.54e-05	2.25e-06	0.0	161.2	-3.86	-6.06	-9.75e-03	5.42e-03	-1.54e-05	-1.84
67	4	12.86	0.0	-0.02	-15.02	0.0	-4.11	15.02	0.0	5.62e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-4.11	0.0	0.0	5.62e-05	0.0	12.86

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
67	24	11.80	0.0	-0.02	-13.78	0.0	-4.95	13.78	0.0	3.99e-03	0.0	0.0
		0.0	0.0	-1.53e-06	0.0	171.2	-4.95	0.0	0.0	3.99e-03	0.0	11.80
67	49	2.09	0.0	-2.98e-03	-2.44	0.0	-0.24	2.44	0.0	-3.93e-03	0.0	0.0
		0.0	0.0	1.96e-06	0.0	171.2	-0.24	0.0	0.0	-3.93e-03	0.0	2.09
67	66	9.32	0.0	-0.01	-10.88	0.0	-2.97	10.88	0.0	0.08	0.0	0.0
		0.0	0.0	-1.90e-05	0.0	171.2	-2.97	0.0	0.0	0.08	0.0	9.32
67	85	2.72	0.0	-3.88e-03	-3.17	0.0	-0.92	3.17	0.0	-0.08	0.0	0.0
		0.0	0.0	1.93e-05	0.0	171.2	-0.92	0.0	0.0	-0.08	0.0	2.72
67	91	4.57	0.0	-6.52e-03	-5.34	0.0	-1.45	5.34	0.0	-0.08	0.0	0.0
		0.0	0.0	1.93e-05	0.0	171.2	-1.45	0.0	0.0	-0.08	0.0	4.57
67	101	6.32	0.06	-9.01e-03	-7.38	0.0	-1.72	7.38	0.09	0.05	0.0	0.0
		0.0	0.0	-1.58e-04	0.0	171.2	-1.72	-1.62e-05	0.09	0.05	0.06	6.32
67	104	6.32	0.0	-9.01e-03	-7.38	0.0	-2.40	7.38	-0.09	-0.05	0.0	0.0
		0.0	-0.06	1.59e-04	0.0	171.2	-2.40	1.62e-05	-0.09	-0.05	-0.06	6.32
67	115	6.32	0.36	-9.01e-03	-7.38	0.0	-2.14	7.38	0.19	0.06	0.0	0.0
		0.0	0.0	-6.64e-04	0.0	171.2	-2.14	6.20e-05	0.19	0.06	0.36	6.32
67	122	6.32	0.0	-9.01e-03	-7.38	0.0	-1.98	7.38	-0.48	-0.13	0.0	0.0
		0.0	-0.85	6.12e-04	0.0	171.2	-1.98	-6.41e-05	-0.48	-0.13	-0.85	6.32
67	123	6.32	0.85	-9.01e-03	-7.38	0.0	-2.14	7.38	0.48	0.13	0.0	0.0
		0.0	0.0	-6.12e-04	0.0	171.2	-2.14	6.42e-05	0.48	0.13	0.85	6.32
67	124	6.32	0.0	-9.01e-03	-7.38	0.0	-2.18	7.38	-0.50	-0.15	0.0	0.0
		0.0	-0.82	5.89e-04	0.0	171.2	-2.18	-4.50e-05	-0.50	-0.15	-0.82	6.32
67	133	6.32	0.03	-9.01e-03	-7.38	0.0	-1.88	7.38	0.05	0.03	0.0	0.0
		0.0	0.0	-8.36e-05	0.0	171.2	-1.88	-9.46e-06	0.05	0.03	0.03	6.32
67	136	6.32	0.0	-9.01e-03	-7.38	0.0	-2.24	7.38	-0.05	-0.03	0.0	0.0
		0.0	-0.03	8.40e-05	0.0	171.2	-2.24	9.48e-06	-0.05	-0.03	-0.03	6.32
67	147	6.32	0.19	-9.01e-03	-7.38	0.0	-2.11	7.38	0.10	0.03	0.0	0.0
		0.0	0.0	-3.52e-04	0.0	171.2	-2.11	3.64e-05	0.10	0.03	0.19	6.32
67	154	6.32	0.0	-9.01e-03	-7.38	0.0	-2.02	7.38	-0.26	-0.07	0.0	0.0
		0.0	-0.45	3.26e-04	0.0	171.2	-2.02	-3.76e-05	-0.26	-0.07	-0.45	6.32
67	155	6.32	0.45	-9.01e-03	-7.38	0.0	-2.11	7.38	0.26	0.07	0.0	0.0
		0.0	0.0	-3.26e-04	0.0	171.2	-2.11	3.76e-05	0.26	0.07	0.45	6.32
67	156	6.32	0.0	-9.01e-03	-7.38	0.0	-2.13	7.38	-0.26	-0.08	0.0	0.0
		0.0	-0.44	3.14e-04	0.0	171.2	-2.13	-2.64e-05	-0.26	-0.08	-0.44	6.32
67	160	8.85	0.0	-0.01	-10.34	0.0	-2.84	10.34	0.0	3.87e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.84	0.0	0.0	3.87e-05	0.0	8.85
67	170	8.14	0.0	-0.01	-9.51	0.0	-3.40	9.51	0.0	2.66e-03	0.0	0.0
		0.0	0.0	-1.01e-06	0.0	171.2	-3.40	0.0	0.0	2.66e-03	0.0	8.14
67	179	2.09	0.0	-2.98e-03	-2.44	0.0	-0.41	2.44	0.0	-2.62e-03	0.0	0.0
		0.0	0.0	1.33e-06	0.0	171.2	-0.41	0.0	0.0	-2.62e-03	0.0	2.09
67	190	6.49	0.0	-9.25e-03	-7.58	0.0	-2.08	7.58	0.0	0.05	0.0	0.0
		0.0	0.0	-1.26e-05	0.0	171.2	-2.08	0.0	0.0	0.05	0.0	6.49
67	199	2.09	0.0	-2.98e-03	-2.44	0.0	-0.71	2.44	0.0	-0.05	0.0	0.0
		0.0	0.0	1.29e-05	0.0	171.2	-0.71	0.0	0.0	-0.05	0.0	2.09
67	201	3.75	0.0	-5.34e-03	-4.37	0.0	-1.21	4.37	0.0	-0.05	0.0	0.0
		0.0	0.0	1.29e-05	0.0	171.2	-1.21	0.0	0.0	-0.05	0.0	3.75
67	206	6.79	0.0	-9.69e-03	-7.93	0.0	-2.21	7.93	0.0	3.01e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.21	0.0	0.0	3.01e-05	0.0	6.79
67	214	6.32	0.0	-9.01e-03	-7.38	0.0	-2.22	7.38	0.0	5.53e-04	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.22	0.0	0.0	5.53e-04	0.0	6.32
67	215	2.09	0.0	-2.98e-03	-2.44	0.0	-0.69	2.44	0.0	-5.16e-04	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-0.69	0.0	0.0	-5.16e-04	0.0	2.09
67	220	5.61	0.0	-8.00e-03	-6.55	0.0	-1.84	6.55	0.0	0.01	0.0	0.0
		0.0	0.0	-2.39e-06	0.0	171.2	-1.84	0.0	0.0	0.01	0.0	5.61
67	223	2.09	0.0	-2.98e-03	-2.44	0.0	-0.75	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	2.63e-06	0.0	171.2	-0.75	0.0	0.0	-0.01	0.0	2.09
67	225	2.80	0.0	-3.99e-03	-3.27	0.0	-0.96	3.27	0.0	-0.01	0.0	0.0
		0.0	0.0	2.65e-06	0.0	171.2	-0.96	0.0	0.0	-0.01	0.0	2.80
67	227	2.09	0.0	-2.98e-03	-2.44	0.0	-0.75	2.44	0.0	9.19e-06	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-0.75	0.0	0.0	9.19e-06	0.0	2.09
67	228	5.61	0.0	-8.00e-03	-6.55	0.0	-1.85	6.55	0.0	2.55e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-1.85	0.0	0.0	2.55e-05	0.0	5.61
67	230	6.32	0.0	-9.01e-03	-7.38	0.0	-2.06	7.38	0.0	2.83e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.06	0.0	0.0	2.83e-05	0.0	6.32
68	4	13.05	0.0	-0.02	-15.13	0.0	-1.02	15.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-1.02	0.0	0.0	0.0	0.0	13.05
68	24	11.97	0.0	-0.02	-13.88	0.0	-1.35	13.88	0.0	8.31e-05	0.0	0.0
		0.0	0.0	-2.49e-06	0.0	172.5	-1.35	0.0	0.0	8.31e-05	0.0	11.97

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
68	56	13.05	0.0	-0.02	-15.13	0.0	-1.00	15.13	0.0	1.03e-03	0.0	0.0
		0.0	0.0	-3.95e-06	0.0	172.5	-1.00	0.0	0.0	1.03e-03	0.0	13.05
68	69	2.12	0.0	-3.06e-03	-2.46	0.0	-0.14	2.46	0.0	1.72e-03	0.0	0.0
		0.0	0.0	-6.94e-06	0.0	172.5	-0.14	0.0	0.0	1.72e-03	0.0	2.12
68	71	4.64	0.0	-6.68e-03	-5.38	0.0	-0.31	5.38	0.0	1.72e-03	0.0	0.0
		0.0	0.0	-6.89e-06	0.0	172.5	-0.31	0.0	0.0	1.72e-03	0.0	4.64
68	86	9.45	0.0	-0.01	-10.96	0.0	-0.75	10.96	0.0	-1.72e-03	0.0	0.0
		0.0	0.0	7.11e-06	0.0	172.5	-0.75	0.0	0.0	-1.72e-03	0.0	9.45
68	98	6.41	0.0	-9.24e-03	-7.43	0.0	-0.20	7.43	-0.09	-1.76e-03	0.0	0.0
		0.0	-0.15	2.34e-05	0.0	172.5	-0.20	-4.49e-05	-0.09	-1.76e-03	-0.15	6.41
68	99	6.41	0.15	-9.24e-03	-7.43	0.0	-0.82	7.43	0.09	1.76e-03	0.0	0.0
		0.0	0.0	-2.32e-05	0.0	172.5	-0.82	4.49e-05	0.09	1.76e-03	0.15	6.41
68	106	6.41	0.0	-9.24e-03	-7.43	0.0	-0.20	7.43	-0.09	-6.64e-04	0.0	0.0
		0.0	-0.15	1.48e-04	0.0	172.5	-0.20	-4.45e-05	-0.09	-6.64e-04	-0.15	6.41
68	120	6.41	0.0	-9.24e-03	-7.43	0.0	-0.58	7.43	-0.37	-4.56e-03	0.0	0.0
		0.0	-0.64	4.23e-04	0.0	172.5	-0.58	2.56e-04	-0.37	-4.56e-03	-0.64	6.41
68	121	6.41	0.64	-9.24e-03	-7.43	0.0	-0.44	7.43	0.37	4.88e-03	0.0	0.0
		0.0	0.0	-3.83e-04	0.0	172.5	-0.44	-2.56e-04	0.37	4.88e-03	0.64	6.41
68	124	6.41	0.0	-9.24e-03	-7.43	0.0	-0.58	7.43	-0.37	-4.88e-03	0.0	0.0
		0.0	-0.64	3.83e-04	0.0	172.5	-0.58	2.56e-04	-0.37	-4.88e-03	-0.64	6.41
68	130	6.41	0.0	-9.24e-03	-7.43	0.0	-0.34	7.43	-0.05	-9.37e-04	0.0	0.0
		0.0	-0.08	1.26e-05	0.0	172.5	-0.34	-2.62e-05	-0.05	-9.37e-04	-0.08	6.41
68	131	6.41	0.08	-9.24e-03	-7.43	0.0	-0.68	7.43	0.05	9.37e-04	0.0	0.0
		0.0	0.0	-1.24e-05	0.0	172.5	-0.68	2.62e-05	0.05	9.37e-04	0.08	6.41
68	138	6.41	0.0	-9.24e-03	-7.43	0.0	-0.34	7.43	-0.05	-3.54e-04	0.0	0.0
		0.0	-0.08	7.91e-05	0.0	172.5	-0.34	-2.60e-05	-0.05	-3.54e-04	-0.08	6.41
68	152	6.41	0.0	-9.24e-03	-7.43	0.0	-0.55	7.43	-0.20	-2.43e-03	0.0	0.0
		0.0	-0.34	2.26e-04	0.0	172.5	-0.55	1.50e-04	-0.20	-2.43e-03	-0.34	6.41
68	153	6.41	0.34	-9.24e-03	-7.43	0.0	-0.47	7.43	0.20	2.61e-03	0.0	0.0
		0.0	0.0	-2.04e-04	0.0	172.5	-0.47	-1.50e-04	0.20	2.61e-03	0.34	6.41
68	156	6.41	0.0	-9.24e-03	-7.43	0.0	-0.55	7.43	-0.20	-2.61e-03	0.0	0.0
		0.0	-0.34	2.05e-04	0.0	172.5	-0.55	1.50e-04	-0.20	-2.61e-03	-0.34	6.41
68	160	8.98	0.0	-0.01	-10.42	0.0	-0.70	10.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.70	0.0	0.0	0.0	0.0	8.98
68	170	8.26	0.0	-0.01	-9.58	0.0	-0.92	9.58	0.0	5.54e-05	0.0	0.0
		0.0	0.0	-1.66e-06	0.0	172.5	-0.92	0.0	0.0	5.54e-05	0.0	8.26
68	186	8.98	0.0	-0.01	-10.42	0.0	-0.69	10.42	0.0	6.88e-04	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	172.5	-0.69	0.0	0.0	6.88e-04	0.0	8.98
68	189	2.12	0.0	-3.06e-03	-2.46	0.0	-0.15	2.46	0.0	1.15e-03	0.0	0.0
		0.0	0.0	-4.61e-06	0.0	172.5	-0.15	0.0	0.0	1.15e-03	0.0	2.12
68	191	3.80	0.0	-5.47e-03	-4.41	0.0	-0.26	4.41	0.0	1.15e-03	0.0	0.0
		0.0	0.0	-4.58e-06	0.0	172.5	-0.26	0.0	0.0	1.15e-03	0.0	3.80
68	200	6.58	0.0	-9.48e-03	-7.63	0.0	-0.52	7.63	0.0	-1.15e-03	0.0	0.0
		0.0	0.0	4.75e-06	0.0	172.5	-0.52	0.0	0.0	-1.15e-03	0.0	6.58
68	206	6.89	0.0	-9.93e-03	-7.99	0.0	-0.54	7.99	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.54	0.0	0.0	0.0	0.0	6.89
68	210	6.86	0.0	-9.88e-03	-7.95	0.0	-0.55	7.95	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.55	0.0	0.0	0.0	0.0	6.86
68	214	6.41	0.0	-9.24e-03	-7.43	0.0	-0.57	7.43	0.0	1.13e-05	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.57	0.0	0.0	1.13e-05	0.0	6.41
68	219	2.12	0.0	-3.06e-03	-2.46	0.0	-0.16	2.46	0.0	2.29e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.16	0.0	0.0	2.29e-04	0.0	2.12
68	221	2.84	0.0	-4.09e-03	-3.29	0.0	-0.21	3.29	0.0	2.29e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.21	0.0	0.0	2.29e-04	0.0	2.84
68	224	5.69	0.0	-8.20e-03	-6.60	0.0	-0.46	6.60	0.0	-2.29e-04	0.0	0.0
		0.0	0.0	1.03e-06	0.0	172.5	-0.46	0.0	0.0	-2.29e-04	0.0	5.69
68	227	2.12	0.0	-3.06e-03	-2.46	0.0	-0.16	2.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.16	0.0	0.0	0.0	0.0	2.12
68	228	5.69	0.0	-8.20e-03	-6.60	0.0	-0.46	6.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.46	0.0	0.0	0.0	0.0	5.69
68	230	6.41	0.0	-9.24e-03	-7.43	0.0	-0.51	7.43	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.51	0.0	0.0	0.0	0.0	6.41
69	4	13.05	0.0	-0.02	-15.13	0.0	-1.02	15.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-1.02	0.0	0.0	0.0	0.0	13.05
69	48	11.97	0.0	-0.02	-13.88	0.0	-1.35	13.88	0.0	8.32e-05	0.0	0.0
		0.0	0.0	-2.50e-06	0.0	172.5	-1.35	0.0	0.0	8.32e-05	0.0	11.97
69	66	9.45	0.0	-0.01	-10.96	0.0	-0.75	10.96	0.0	-1.72e-03	0.0	0.0
		0.0	0.0	7.11e-06	0.0	172.5	-0.75	0.0	0.0	-1.72e-03	0.0	9.45

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
69	69	2.12	0.0	-3.06e-03	-2.46	0.0	-0.14	2.46	0.0	-1.72e-03	0.0	0.0
		0.0	0.0	6.99e-06	0.0	172.5	-0.14	0.0	0.0	-1.72e-03	0.0	2.12
69	86	9.45	0.0	-0.01	-10.96	0.0	-0.75	10.96	0.0	1.72e-03	0.0	0.0
		0.0	0.0	-6.82e-06	0.0	172.5	-0.75	0.0	0.0	1.72e-03	0.0	9.45
69	89	2.12	0.0	-3.06e-03	-2.46	0.0	-0.14	2.46	0.0	1.72e-03	0.0	0.0
		0.0	0.0	-6.94e-06	0.0	172.5	-0.14	0.0	0.0	1.72e-03	0.0	2.12
69	98	6.41	0.0	-9.24e-03	-7.43	0.0	-0.19	7.43	-0.06	-3.07e-04	0.0	0.0
		0.0	-0.10	-6.70e-05	0.0	172.5	-0.19	-1.32e-04	-0.06	-3.07e-04	-0.10	6.41
69	99	6.41	0.10	-9.24e-03	-7.43	0.0	-0.83	7.43	0.06	3.07e-04	0.0	0.0
		0.0	0.0	6.72e-05	0.0	172.5	-0.83	1.32e-04	0.06	3.07e-04	0.10	6.41
69	109	6.41	0.64	-9.24e-03	-7.43	0.0	-0.40	7.43	0.37	-4.88e-03	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	172.5	-0.40	-4.23e-05	0.37	-4.88e-03	0.64	6.41
69	112	6.41	0.0	-9.24e-03	-7.43	0.0	-0.62	7.43	-0.37	4.88e-03	0.0	0.0
		0.0	-0.64	1.12e-03	0.0	172.5	-0.62	4.23e-05	-0.37	4.88e-03	-0.64	6.41
69	121	6.41	0.48	-9.24e-03	-7.43	0.0	-0.44	7.43	0.28	-1.32e-03	0.0	0.0
		0.0	0.0	-2.12e-04	0.0	172.5	-0.44	2.23e-04	0.28	-1.32e-03	0.48	6.41
69	122	6.41	0.0	-9.23e-03	-7.43	0.0	-0.40	7.43	-0.26	1.53e-03	0.0	0.0
		0.0	-0.46	2.36e-04	0.0	172.5	-0.40	-1.71e-04	-0.26	1.53e-03	-0.46	6.41
69	130	6.41	0.0	-9.24e-03	-7.43	0.0	-0.34	7.43	-0.03	-1.55e-04	0.0	0.0
		0.0	-0.05	-3.49e-05	0.0	172.5	-0.34	-7.75e-05	-0.03	-1.55e-04	-0.05	6.41
69	131	6.41	0.05	-9.24e-03	-7.43	0.0	-0.68	7.43	0.03	1.56e-04	0.0	0.0
		0.0	0.0	3.52e-05	0.0	172.5	-0.68	7.75e-05	0.03	1.56e-04	0.05	6.41
69	141	6.41	0.34	-9.24e-03	-7.43	0.0	-0.45	7.43	0.20	-2.61e-03	0.0	0.0
		0.0	0.0	-5.98e-04	0.0	172.5	-0.45	-2.48e-05	0.20	-2.61e-03	0.34	6.41
69	144	6.41	0.0	-9.24e-03	-7.43	0.0	-0.57	7.43	-0.20	2.61e-03	0.0	0.0
		0.0	-0.34	5.98e-04	0.0	172.5	-0.57	2.48e-05	-0.20	2.61e-03	-0.34	6.41
69	153	6.41	0.25	-9.24e-03	-7.43	0.0	-0.47	7.43	0.15	-7.32e-04	0.0	0.0
		0.0	0.0	-1.15e-04	0.0	172.5	-0.47	1.31e-04	0.15	-7.32e-04	0.25	6.41
69	154	6.41	0.0	-9.23e-03	-7.43	0.0	-0.45	7.43	-0.14	8.46e-04	0.0	0.0
		0.0	-0.24	1.28e-04	0.0	172.5	-0.45	-1.00e-04	-0.14	8.46e-04	-0.24	6.41
69	160	8.98	0.0	-0.01	-10.42	0.0	-0.70	10.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.70	0.0	0.0	0.0	0.0	8.98
69	182	8.26	0.0	-0.01	-9.58	0.0	-0.92	9.58	0.0	5.55e-05	0.0	0.0
		0.0	0.0	-1.66e-06	0.0	172.5	-0.92	0.0	0.0	5.55e-05	0.0	8.26
69	189	2.12	0.0	-3.06e-03	-2.46	0.0	-0.15	2.46	0.0	-1.15e-03	0.0	0.0
		0.0	0.0	4.68e-06	0.0	172.5	-0.15	0.0	0.0	-1.15e-03	0.0	2.12
69	190	6.58	0.0	-9.48e-03	-7.63	0.0	-0.52	7.63	0.0	-1.15e-03	0.0	0.0
		0.0	0.0	4.75e-06	0.0	172.5	-0.52	0.0	0.0	-1.15e-03	0.0	6.58
69	199	2.12	0.0	-3.06e-03	-2.46	0.0	-0.15	2.46	0.0	1.15e-03	0.0	0.0
		0.0	0.0	-4.61e-06	0.0	172.5	-0.15	0.0	0.0	1.15e-03	0.0	2.12
69	200	6.58	0.0	-9.48e-03	-7.63	0.0	-0.52	7.63	0.0	1.15e-03	0.0	0.0
		0.0	0.0	-4.54e-06	0.0	172.5	-0.52	0.0	0.0	1.15e-03	0.0	6.58
69	206	6.89	0.0	-9.93e-03	-7.99	0.0	-0.54	7.99	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.54	0.0	0.0	0.0	0.0	6.89
69	209	6.14	0.0	-8.84e-03	-7.12	0.0	-0.50	7.12	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.50	0.0	0.0	0.0	0.0	6.14
69	218	6.41	0.0	-9.24e-03	-7.43	0.0	-0.57	7.43	0.0	1.13e-05	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.57	0.0	0.0	1.13e-05	0.0	6.41
69	219	2.12	0.0	-3.06e-03	-2.46	0.0	-0.16	2.46	0.0	-2.29e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.16	0.0	0.0	-2.29e-04	0.0	2.12
69	223	2.12	0.0	-3.06e-03	-2.46	0.0	-0.16	2.46	0.0	2.29e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.16	0.0	0.0	2.29e-04	0.0	2.12
69	224	5.69	0.0	-8.20e-03	-6.60	0.0	-0.46	6.60	0.0	2.30e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.46	0.0	0.0	2.30e-04	0.0	5.69
69	227	2.12	0.0	-3.06e-03	-2.46	0.0	-0.16	2.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.16	0.0	0.0	0.0	0.0	2.12
69	228	5.69	0.0	-8.20e-03	-6.60	0.0	-0.46	6.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.46	0.0	0.0	0.0	0.0	5.69
69	230	6.41	0.0	-9.24e-03	-7.43	0.0	-0.51	7.43	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	-0.51	0.0	0.0	0.0	0.0	6.41
70	4	12.86	0.0	-0.02	-15.02	0.0	-4.11	15.02	0.0	5.62e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-4.11	0.0	0.0	5.62e-05	0.0	12.86
70	25	2.09	0.0	-2.95e-03	-2.44	0.0	-0.24	2.44	0.0	-3.93e-03	0.0	0.0
		0.0	0.0	1.96e-06	0.0	171.2	-0.24	0.0	0.0	-3.93e-03	0.0	2.09
70	48	11.80	0.0	-0.02	-13.78	0.0	-4.95	13.78	0.0	3.99e-03	0.0	0.0
		0.0	0.0	-1.53e-06	0.0	171.2	-4.95	0.0	0.0	3.99e-03	0.0	11.80
70	65	2.72	0.0	-3.84e-03	-3.17	0.0	-0.92	3.17	0.0	-0.08	0.0	0.0
		0.0	0.0	1.93e-05	0.0	171.2	-0.92	0.0	0.0	-0.08	0.0	2.72

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
70	70	8.69	0.0	-0.01	-10.15	0.0	-2.75	10.15	0.0	-0.08	0.0	0.0
		0.0	0.0	1.95e-05	0.0	171.2	-2.75	0.0	0.0	-0.08	0.0	8.69
70	85	2.72	0.0	-3.84e-03	-3.17	0.0	-0.91	3.17	0.0	0.08	0.0	0.0
		0.0	0.0	-1.92e-05	0.0	171.2	-0.91	0.0	0.0	0.08	0.0	2.72
70	102	6.32	0.0	-8.93e-03	-7.38	0.0	-1.77	7.38	-0.13	0.03	0.0	0.0
		0.0	-0.22	4.52e-04	0.0	171.2	-1.77	-4.27e-05	-0.13	0.03	-0.22	6.32
70	103	6.32	0.22	-8.93e-03	-7.38	0.0	-2.35	7.38	0.13	-0.03	0.0	0.0
		0.0	0.0	-4.52e-04	0.0	171.2	-2.35	4.28e-05	0.13	-0.03	0.22	6.32
70	109	6.32	0.85	-8.93e-03	-7.38	0.0	-2.00	7.38	0.48	-0.15	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	171.2	-2.00	1.71e-04	0.48	-0.15	0.85	6.32
70	112	6.32	0.0	-8.93e-03	-7.38	0.0	-2.13	7.38	-0.48	0.15	0.0	0.0
		0.0	-0.85	1.35e-03	0.0	171.2	-2.13	-1.71e-04	-0.48	0.15	-0.85	6.32
70	124	6.32	0.0	-8.93e-03	-7.38	0.0	-2.13	7.38	-0.21	0.07	0.0	0.0
		0.0	-0.35	1.14e-04	0.0	171.2	-2.13	-2.86e-04	-0.21	0.07	-0.35	6.32
70	134	6.32	0.0	-8.93e-03	-7.38	0.0	-1.91	7.38	-0.07	0.02	0.0	0.0
		0.0	-0.12	2.41e-04	0.0	171.2	-1.91	-2.51e-05	-0.07	0.02	-0.12	6.32
70	135	6.32	0.12	-8.93e-03	-7.38	0.0	-2.22	7.38	0.07	-0.02	0.0	0.0
		0.0	0.0	-2.41e-04	0.0	171.2	-2.22	2.51e-05	0.07	-0.02	0.12	6.32
70	141	6.32	0.45	-8.93e-03	-7.38	0.0	-2.03	7.38	0.26	-0.08	0.0	0.0
		0.0	0.0	-7.17e-04	0.0	171.2	-2.03	1.00e-04	0.26	-0.08	0.45	6.32
70	144	6.32	0.0	-8.93e-03	-7.38	0.0	-2.10	7.38	-0.26	0.08	0.0	0.0
		0.0	-0.45	7.18e-04	0.0	171.2	-2.10	-1.00e-04	-0.26	0.08	-0.45	6.32
70	156	6.32	0.0	-8.93e-03	-7.38	0.0	-2.10	7.38	-0.11	0.04	0.0	0.0
		0.0	-0.19	6.49e-05	0.0	171.2	-2.10	-1.68e-04	-0.11	0.04	-0.19	6.32
70	160	8.85	0.0	-0.01	-10.34	0.0	-2.84	10.34	0.0	3.87e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.84	0.0	0.0	3.87e-05	0.0	8.85
70	167	2.09	0.0	-2.95e-03	-2.44	0.0	-0.41	2.44	0.0	-2.62e-03	0.0	0.0
		0.0	0.0	1.33e-06	0.0	171.2	-0.41	0.0	0.0	-2.62e-03	0.0	2.09
70	182	8.14	0.0	-0.01	-9.51	0.0	-3.40	9.51	0.0	2.66e-03	0.0	0.0
		0.0	0.0	-1.01e-06	0.0	171.2	-3.40	0.0	0.0	2.66e-03	0.0	8.14
70	189	2.09	0.0	-2.95e-03	-2.44	0.0	-0.71	2.44	0.0	-0.05	0.0	0.0
		0.0	0.0	1.29e-05	0.0	171.2	-0.71	0.0	0.0	-0.05	0.0	2.09
70	190	6.49	0.0	-9.17e-03	-7.58	0.0	-2.08	7.58	0.0	-0.05	0.0	0.0
		0.0	0.0	1.30e-05	0.0	171.2	-2.08	0.0	0.0	-0.05	0.0	6.49
70	199	2.09	0.0	-2.95e-03	-2.44	0.0	-0.71	2.44	0.0	0.05	0.0	0.0
		0.0	0.0	-1.28e-05	0.0	171.2	-0.71	0.0	0.0	0.05	0.0	2.09
70	206	6.79	0.0	-9.60e-03	-7.93	0.0	-2.21	7.93	0.0	3.01e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.21	0.0	0.0	3.01e-05	0.0	6.79
70	211	2.09	0.0	-2.95e-03	-2.44	0.0	-0.69	2.44	0.0	-5.16e-04	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-0.69	0.0	0.0	-5.16e-04	0.0	2.09
70	218	6.32	0.0	-8.93e-03	-7.38	0.0	-2.22	7.38	0.0	5.53e-04	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.22	0.0	0.0	5.53e-04	0.0	6.32
70	219	2.09	0.0	-2.95e-03	-2.44	0.0	-0.75	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	2.63e-06	0.0	171.2	-0.75	0.0	0.0	-0.01	0.0	2.09
70	220	5.61	0.0	-7.93e-03	-6.55	0.0	-1.84	6.55	0.0	-0.01	0.0	0.0
		0.0	0.0	2.73e-06	0.0	171.2	-1.84	0.0	0.0	-0.01	0.0	5.61
70	223	2.09	0.0	-2.95e-03	-2.44	0.0	-0.74	2.44	0.0	0.01	0.0	0.0
		0.0	0.0	-2.50e-06	0.0	171.2	-0.74	0.0	0.0	0.01	0.0	2.09
70	227	2.09	0.0	-2.95e-03	-2.44	0.0	-0.75	2.44	0.0	9.19e-06	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-0.75	0.0	0.0	9.19e-06	0.0	2.09
70	228	5.61	0.0	-7.93e-03	-6.55	0.0	-1.85	6.55	0.0	2.55e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-1.85	0.0	0.0	2.55e-05	0.0	5.61
70	229	2.80	0.0	-3.96e-03	-3.27	0.0	-0.97	3.27	0.0	1.19e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-0.97	0.0	0.0	1.19e-05	0.0	2.80
70	230	6.32	0.0	-8.93e-03	-7.38	0.0	-2.06	7.38	0.0	2.82e-05	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	-2.06	0.0	0.0	2.82e-05	0.0	6.32
71	4	12.86	0.0	-0.02	-15.02	0.0	2.28	15.02	0.0	-0.03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	2.28	0.0	0.0	-0.03	0.0	12.86
71	21	2.72	0.0	-3.95e-03	-3.17	0.0	0.41	3.17	0.0	-0.01	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	171.2	0.41	0.0	0.0	-0.01	0.0	2.72
71	25	2.09	0.0	-3.04e-03	-2.44	0.0	0.27	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	171.2	0.27	0.0	0.0	-0.01	0.0	2.09
71	56	12.86	0.0	-0.02	-15.02	0.0	2.36	15.02	0.0	-0.05	0.0	0.0
		0.0	0.0	-1.14e-05	0.0	171.2	2.36	0.0	0.0	-0.05	0.0	12.86
71	72	11.17	0.0	-0.02	-13.05	0.0	2.08	13.05	0.0	-0.06	0.0	0.0
		0.0	0.0	-1.89e-05	0.0	171.2	2.08	0.0	0.0	-0.06	0.0	11.17
71	89	2.09	0.0	-3.04e-03	-2.44	0.0	0.29	2.44	0.0	0.03	0.0	0.0
		0.0	0.0	1.90e-05	0.0	171.2	0.29	0.0	0.0	0.03	0.0	2.09

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
71	105	6.33	0.20	-9.05e-03	-7.38	0.0	1.58	7.39	0.17	-0.04	0.0	0.0
		0.0	0.0	-1.43e-04	0.0	171.2	1.58	5.02e-03	0.17	-0.04	0.20	6.33
71	108	6.31	0.0	-9.16e-03	-7.38	0.0	0.70	7.38	-0.17	0.01	0.0	0.0
		0.0	-0.20	1.43e-04	0.0	171.2	0.70	-5.02e-03	-0.17	0.01	-0.20	6.31
71	121	6.34	0.82	-8.98e-03	-7.38	0.0	1.34	7.39	0.50	-0.07	0.0	0.0
		0.0	0.0	-5.89e-04	0.0	171.2	1.34	0.01	0.50	-0.07	0.82	6.34
71	122	6.30	0.0	-9.23e-03	-7.38	0.0	1.20	7.37	-0.48	0.03	0.0	0.0
		0.0	-0.85	6.11e-04	0.0	171.2	1.20	-0.01	-0.48	0.03	-0.85	6.30
71	123	6.34	0.85	-8.99e-03	-7.38	0.0	1.09	7.39	0.48	-0.06	0.0	0.0
		0.0	0.0	-6.12e-04	0.0	171.2	1.09	0.01	0.48	-0.06	0.85	6.34
71	137	6.32	0.11	-9.08e-03	-7.38	0.0	1.38	7.38	0.09	-0.03	0.0	0.0
		0.0	0.0	-7.62e-05	0.0	171.2	1.38	2.81e-03	0.09	-0.03	0.11	6.32
71	140	6.31	0.0	-9.14e-03	-7.38	0.0	0.91	7.38	-0.09	-3.58e-05	0.0	0.0
		0.0	-0.11	7.62e-05	0.0	171.2	0.91	-2.81e-03	-0.09	-3.58e-05	-0.11	6.31
71	153	6.33	0.44	-9.04e-03	-7.38	0.0	1.25	7.39	0.26	-0.04	0.0	0.0
		0.0	0.0	-3.14e-04	0.0	171.2	1.25	7.20e-03	0.26	-0.04	0.44	6.33
71	154	6.31	0.0	-9.17e-03	-7.38	0.0	1.17	7.37	-0.26	0.01	0.0	0.0
		0.0	-0.45	3.26e-04	0.0	171.2	1.17	-6.77e-03	-0.26	0.01	-0.45	6.31
71	155	6.33	0.45	-9.05e-03	-7.38	0.0	1.11	7.39	0.26	-0.04	0.0	0.0
		0.0	0.0	-3.26e-04	0.0	171.2	1.11	6.77e-03	0.26	-0.04	0.45	6.33
71	160	8.85	0.0	-0.01	-10.34	0.0	1.58	10.34	0.0	-0.02	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.58	0.0	0.0	-0.02	0.0	8.85
71	167	2.09	0.0	-3.03e-03	-2.44	0.0	0.34	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	-1.75e-06	0.0	171.2	0.34	0.0	0.0	-0.01	0.0	2.09
71	186	8.85	0.0	-0.01	-10.34	0.0	1.64	10.34	0.0	-0.03	0.0	0.0
		0.0	0.0	-7.59e-06	0.0	171.2	1.64	0.0	0.0	-0.03	0.0	8.85
71	192	8.14	0.0	-0.01	-9.51	0.0	1.55	9.51	0.0	-0.04	0.0	0.0
		0.0	0.0	-1.26e-05	0.0	171.2	1.55	0.0	0.0	-0.04	0.0	8.14
71	199	2.09	0.0	-3.03e-03	-2.44	0.0	0.35	2.44	0.0	0.02	0.0	0.0
		0.0	0.0	1.27e-05	0.0	171.2	0.35	0.0	0.0	0.02	0.0	2.09
71	206	6.79	0.0	-9.79e-03	-7.93	0.0	1.23	7.93	0.0	-0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.23	0.0	0.0	-0.01	0.0	6.79
71	211	2.09	0.0	-3.02e-03	-2.44	0.0	0.45	2.44	0.0	-5.70e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.45	0.0	0.0	-5.70e-03	0.0	2.09
71	222	6.32	0.0	-9.10e-03	-7.38	0.0	1.16	7.38	0.0	-0.02	0.0	0.0
		0.0	0.0	-2.56e-06	0.0	171.2	1.16	0.0	0.0	-0.02	0.0	6.32
71	223	2.09	0.0	-3.02e-03	-2.44	0.0	0.45	2.44	0.0	-1.80e-04	0.0	0.0
		0.0	0.0	2.53e-06	0.0	171.2	0.45	0.0	0.0	-1.80e-04	0.0	2.09
71	227	2.09	0.0	-3.01e-03	-2.44	0.0	0.48	2.44	0.0	-4.56e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.48	0.0	0.0	-4.56e-03	0.0	2.09
71	230	6.32	0.0	-9.11e-03	-7.38	0.0	1.14	7.38	0.0	-0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.14	0.0	0.0	-0.01	0.0	6.32
72	4	13.05	0.0	-0.02	-15.13	0.0	0.20	15.13	0.0	-6.43e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.20	0.0	0.0	-6.43e-04	0.0	13.05
72	68	11.97	0.0	-0.02	-13.88	0.0	0.45	13.88	0.0	-1.21e-03	0.0	0.0
		0.0	0.0	-6.71e-06	0.0	172.5	0.45	0.0	0.0	-1.21e-03	0.0	11.97
72	69	2.12	0.0	-3.05e-03	-2.46	0.0	0.34	2.46	0.0	-7.27e-04	0.0	0.0
		0.0	0.0	-6.96e-06	0.0	172.5	0.34	0.0	0.0	-7.27e-04	0.0	2.12
72	85	2.76	0.0	-3.98e-03	-3.20	0.0	-0.18	3.20	0.0	5.25e-04	0.0	0.0
		0.0	0.0	7.06e-06	0.0	172.5	-0.18	0.0	0.0	5.25e-04	0.0	2.76
72	88	11.97	0.0	-0.02	-13.88	0.0	-0.09	13.88	0.0	7.14e-05	0.0	0.0
		0.0	0.0	7.29e-06	0.0	172.5	-0.09	0.0	0.0	7.14e-05	0.0	11.97
72	89	2.12	0.0	-3.06e-03	-2.46	0.0	-0.20	2.46	0.0	5.57e-04	0.0	0.0
		0.0	0.0	7.04e-06	0.0	172.5	-0.20	0.0	0.0	5.57e-04	0.0	2.12
72	105	6.40	0.23	-9.23e-03	-7.43	0.0	0.63	7.43	0.13	-3.21e-03	0.0	0.0
		0.0	0.0	-9.45e-05	0.0	172.5	0.63	-7.60e-03	0.13	-3.21e-03	0.23	6.40
72	108	6.43	0.0	-9.24e-03	-7.43	0.0	-0.44	7.44	-0.13	2.58e-03	0.0	0.0
		0.0	-0.23	9.48e-05	0.0	172.5	-0.44	7.60e-03	-0.13	2.58e-03	-0.23	6.43
72	121	6.37	0.64	-9.22e-03	-7.43	0.0	0.48	7.41	0.37	-6.24e-03	0.0	0.0
		0.0	0.0	-3.83e-04	0.0	172.5	0.48	-0.02	0.37	-6.24e-03	0.64	6.37
72	124	6.45	0.0	-9.26e-03	-7.43	0.0	-0.28	7.46	-0.37	5.61e-03	0.0	0.0
		0.0	-0.64	3.83e-04	0.0	172.5	-0.28	0.02	-0.37	5.61e-03	-0.64	6.45
72	137	6.40	0.12	-9.24e-03	-7.43	0.0	0.38	7.43	0.07	-1.87e-03	0.0	0.0
		0.0	0.0	-5.04e-05	0.0	172.5	0.38	-4.20e-03	0.07	-1.87e-03	0.12	6.40
72	140	6.42	0.0	-9.24e-03	-7.43	0.0	-0.19	7.44	-0.07	1.23e-03	0.0	0.0
		0.0	-0.12	5.07e-05	0.0	172.5	-0.19	4.20e-03	-0.07	1.23e-03	-0.12	6.42
72	153	6.39	0.34	-9.23e-03	-7.43	0.0	0.30	7.42	0.20	-3.50e-03	0.0	0.0
		0.0	0.0	-2.05e-04	0.0	172.5	0.30	-0.01	0.20	-3.50e-03	0.34	6.39

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
72	156	6.43	0.0	-9.25e-03	-7.43	0.0	-0.10	7.45	-0.20	2.86e-03	0.0	0.0
		0.0	-0.34	2.05e-04	0.0	172.5	-0.10	0.01	-0.20	2.86e-03	-0.34	6.43
72	160	8.98	0.0	-0.01	-10.42	0.0	0.14	10.42	0.0	-4.43e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.14	0.0	0.0	-4.43e-04	0.0	8.98
72	189	2.12	0.0	-3.05e-03	-2.46	0.0	0.25	2.46	0.0	-5.20e-04	0.0	0.0
		0.0	0.0	-4.62e-06	0.0	172.5	0.25	0.0	0.0	-5.20e-04	0.0	2.12
72	192	8.26	0.0	-0.01	-9.58	0.0	0.31	9.58	0.0	-8.22e-04	0.0	0.0
		0.0	0.0	-4.46e-06	0.0	172.5	0.31	0.0	0.0	-8.22e-04	0.0	8.26
72	199	2.12	0.0	-3.06e-03	-2.46	0.0	-0.11	2.46	0.0	3.36e-04	0.0	0.0
		0.0	0.0	4.72e-06	0.0	172.5	-0.11	0.0	0.0	3.36e-04	0.0	2.12
72	202	8.26	0.0	-0.01	-9.58	0.0	-0.05	9.58	0.0	3.36e-05	0.0	0.0
		0.0	0.0	4.87e-06	0.0	172.5	-0.05	0.0	0.0	3.36e-05	0.0	8.26
72	206	6.89	0.0	-9.93e-03	-7.99	0.0	0.11	7.99	0.0	-3.41e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.11	0.0	0.0	-3.41e-04	0.0	6.89
72	219	2.12	0.0	-3.06e-03	-2.46	0.0	0.10	2.46	0.0	-1.89e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.10	0.0	0.0	-1.89e-04	0.0	2.12
72	222	6.41	0.0	-9.24e-03	-7.43	0.0	0.13	7.43	0.0	-4.01e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.13	0.0	0.0	-4.01e-04	0.0	6.41
72	223	2.12	0.0	-3.06e-03	-2.46	0.0	0.03	2.46	0.0	-1.75e-05	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.03	0.0	0.0	-1.75e-05	0.0	2.12
72	226	6.41	0.0	-9.24e-03	-7.43	0.0	0.06	7.43	0.0	-2.30e-04	0.0	0.0
		0.0	0.0	1.10e-06	0.0	172.5	0.06	0.0	0.0	-2.30e-04	0.0	6.41
72	227	2.12	0.0	-3.06e-03	-2.46	0.0	0.06	2.46	0.0	-1.06e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.06	0.0	0.0	-1.06e-04	0.0	2.12
72	230	6.41	0.0	-9.24e-03	-7.43	0.0	0.10	7.43	0.0	-3.18e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.10	0.0	0.0	-3.18e-04	0.0	6.41
73	4	13.05	0.0	-0.02	-15.13	0.0	0.20	15.13	0.0	6.36e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.20	0.0	0.0	6.36e-04	0.0	13.05
73	49	2.12	0.0	-3.05e-03	-2.46	0.0	-0.20	2.46	0.0	1.97e-04	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	172.5	-0.20	0.0	0.0	1.97e-04	0.0	2.12
73	68	11.97	0.0	-0.02	-13.88	0.0	0.44	13.88	0.0	1.21e-03	0.0	0.0
		0.0	0.0	7.08e-06	0.0	172.5	0.44	0.0	0.0	1.21e-03	0.0	11.97
73	86	9.45	0.0	-0.01	-10.96	0.0	-0.13	10.96	0.0	-1.96e-04	0.0	0.0
		0.0	0.0	-6.90e-06	0.0	172.5	-0.13	0.0	0.0	-1.96e-04	0.0	9.45
73	90	8.82	0.0	-0.01	-10.22	0.0	-0.15	10.22	0.0	-2.28e-04	0.0	0.0
		0.0	0.0	-6.91e-06	0.0	172.5	-0.15	0.0	0.0	-2.28e-04	0.0	8.82
73	105	6.40	0.17	-9.23e-03	-7.43	0.0	0.57	7.43	0.10	-2.01e-03	0.0	0.0
		0.0	0.0	-3.52e-05	0.0	172.5	0.57	-7.59e-03	0.10	-2.01e-03	0.17	6.40
73	108	6.43	0.0	-9.23e-03	-7.43	0.0	-0.37	7.44	-0.10	2.64e-03	0.0	0.0
		0.0	-0.17	3.53e-05	0.0	172.5	-0.37	7.59e-03	-0.10	2.64e-03	-0.17	6.43
73	109	6.37	0.64	-9.18e-03	-7.43	0.0	0.39	7.41	0.37	6.15e-03	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	172.5	0.39	-0.02	0.37	6.15e-03	0.64	6.37
73	112	6.45	0.0	-9.28e-03	-7.43	0.0	-0.20	7.46	-0.37	-5.52e-03	0.0	0.0
		0.0	-0.64	1.12e-03	0.0	172.5	-0.20	0.02	-0.37	-5.52e-03	-0.64	6.45
73	113	6.37	0.64	-9.19e-03	-7.43	0.0	0.42	7.41	0.37	5.52e-03	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	172.5	0.42	-0.02	0.37	5.52e-03	0.64	6.37
73	116	6.45	0.0	-9.28e-03	-7.43	0.0	-0.22	7.46	-0.37	-4.89e-03	0.0	0.0
		0.0	-0.64	1.07e-03	0.0	172.5	-0.22	0.02	-0.37	-4.89e-03	-0.64	6.45
73	137	6.40	0.09	-9.23e-03	-7.43	0.0	0.35	7.43	0.05	-9.33e-04	0.0	0.0
		0.0	0.0	-1.92e-05	0.0	172.5	0.35	-4.26e-03	0.05	-9.33e-04	0.09	6.40
73	140	6.42	0.0	-9.23e-03	-7.43	0.0	-0.15	7.44	-0.05	1.56e-03	0.0	0.0
		0.0	-0.09	1.93e-05	0.0	172.5	-0.15	4.26e-03	-0.05	1.56e-03	-0.09	6.42
73	141	6.39	0.34	-9.21e-03	-7.43	0.0	0.26	7.42	0.20	3.44e-03	0.0	0.0
		0.0	0.0	-5.98e-04	0.0	172.5	0.26	-0.01	0.20	3.44e-03	0.34	6.39
73	144	6.43	0.0	-9.26e-03	-7.43	0.0	-0.06	7.45	-0.20	-2.81e-03	0.0	0.0
		0.0	-0.34	5.98e-04	0.0	172.5	-0.06	0.01	-0.20	-2.81e-03	-0.34	6.43
73	145	6.39	0.34	-9.21e-03	-7.43	0.0	0.27	7.42	0.20	3.11e-03	0.0	0.0
		0.0	0.0	-5.69e-04	0.0	172.5	0.27	-0.01	0.20	3.11e-03	0.34	6.39
73	148	6.43	0.0	-9.26e-03	-7.43	0.0	-0.07	7.45	-0.20	-2.48e-03	0.0	0.0
		0.0	-0.34	5.69e-04	0.0	172.5	-0.07	0.01	-0.20	-2.48e-03	-0.34	6.43
73	160	8.98	0.0	-0.01	-10.42	0.0	0.14	10.42	0.0	4.38e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.14	0.0	0.0	4.38e-04	0.0	8.98
73	179	2.12	0.0	-3.05e-03	-2.46	0.0	-0.11	2.46	0.0	1.67e-04	0.0	0.0
		0.0	0.0	-1.74e-06	0.0	172.5	-0.11	0.0	0.0	1.67e-04	0.0	2.12
73	192	8.26	0.0	-0.01	-9.58	0.0	0.30	9.58	0.0	8.19e-04	0.0	0.0
		0.0	0.0	4.72e-06	0.0	172.5	0.30	0.0	0.0	8.19e-04	0.0	8.26
73	200	6.58	0.0	-9.48e-03	-7.63	0.0	-0.08	7.63	0.0	-1.17e-04	0.0	0.0
		0.0	0.0	-4.60e-06	0.0	172.5	-0.08	0.0	0.0	-1.17e-04	0.0	6.58

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
73	206	6.89	0.0	-9.92e-03	-7.99	0.0	0.11	7.99	0.0	3.38e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.11	0.0	0.0	3.38e-04	0.0	6.89
73	209	6.14	0.0	-8.84e-03	-7.12	0.0	0.09	7.12	0.0	3.03e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.09	0.0	0.0	3.03e-04	0.0	6.14
73	215	2.12	0.0	-3.05e-03	-2.46	0.0	0.03	2.46	0.0	1.17e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.03	0.0	0.0	1.17e-04	0.0	2.12
73	222	6.41	0.0	-9.23e-03	-7.43	0.0	0.13	7.43	0.0	3.98e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.13	0.0	0.0	3.98e-04	0.0	6.41
73	224	5.69	0.0	-8.20e-03	-6.60	0.0	0.05	6.60	0.0	1.93e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.05	0.0	0.0	1.93e-04	0.0	5.69
73	227	2.12	0.0	-3.05e-03	-2.46	0.0	0.06	2.46	0.0	1.05e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.06	0.0	0.0	1.05e-04	0.0	2.12
73	228	5.69	0.0	-8.20e-03	-6.60	0.0	0.08	6.60	0.0	2.81e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.08	0.0	0.0	2.81e-04	0.0	5.69
73	230	6.41	0.0	-9.23e-03	-7.43	0.0	0.10	7.43	0.0	3.15e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.10	0.0	0.0	3.15e-04	0.0	6.41
74	4	12.86	0.0	-0.02	-15.02	0.0	2.29	15.02	0.0	0.03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	2.29	0.0	0.0	0.03	0.0	12.86
74	49	2.09	0.0	-2.89e-03	-2.44	0.0	0.25	2.44	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.25	0.0	0.0	0.01	0.0	2.09
74	56	12.86	0.0	-0.02	-15.02	0.0	2.36	15.02	0.0	0.05	0.0	0.0
		0.0	0.0	1.21e-05	0.0	171.2	2.36	0.0	0.0	0.05	0.0	12.86
74	59	5.64	0.0	-7.91e-03	-6.58	0.0	1.20	6.58	0.0	0.03	0.0	0.0
		0.0	0.0	1.16e-05	0.0	171.2	1.20	0.0	0.0	0.03	0.0	5.64
74	67	5.20	0.0	-7.31e-03	-6.07	0.0	1.20	6.07	0.0	0.04	0.0	0.0
		0.0	0.0	1.91e-05	0.0	171.2	1.20	0.0	0.0	0.04	0.0	5.20
74	105	6.32	0.07	-8.86e-03	-7.38	0.0	1.51	7.38	0.08	0.02	0.0	0.0
		0.0	0.0	3.57e-05	0.0	171.2	1.51	-2.20e-03	0.08	0.02	0.07	6.32
74	108	6.32	0.0	-8.80e-03	-7.38	0.0	0.79	7.38	-0.08	4.73e-03	0.0	0.0
		0.0	-0.07	-3.49e-05	0.0	171.2	0.79	2.20e-03	-0.08	4.73e-03	-0.07	6.32
74	109	6.30	0.85	-8.92e-03	-7.38	0.0	1.27	7.39	0.48	0.07	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	171.2	1.27	0.01	0.48	0.07	0.85	6.30
74	110	6.34	0.0	-8.75e-03	-7.38	0.0	1.18	7.37	-0.50	-0.03	0.0	0.0
		0.0	-0.82	1.27e-03	0.0	171.2	1.18	-0.01	-0.50	-0.03	-0.82	6.34
74	112	6.34	0.0	-8.74e-03	-7.38	0.0	1.03	7.37	-0.48	-0.04	0.0	0.0
		0.0	-0.85	1.35e-03	0.0	171.2	1.03	-0.01	-0.48	-0.04	-0.85	6.34
74	114	6.34	0.0	-8.75e-03	-7.38	0.0	1.21	7.37	-0.48	-0.04	0.0	0.0
		0.0	-0.84	1.32e-03	0.0	171.2	1.21	-0.01	-0.48	-0.04	-0.84	6.34
74	137	6.32	0.04	-8.85e-03	-7.38	0.0	1.34	7.38	0.04	0.02	0.0	0.0
		0.0	0.0	1.75e-05	0.0	171.2	1.34	-1.23e-03	0.04	0.02	0.04	6.32
74	140	6.32	0.0	-8.82e-03	-7.38	0.0	0.96	7.38	-0.04	8.74e-03	0.0	0.0
		0.0	-0.04	-1.67e-05	0.0	171.2	0.96	1.23e-03	-0.04	8.74e-03	-0.04	6.32
74	141	6.31	0.45	-8.88e-03	-7.38	0.0	1.21	7.39	0.26	0.04	0.0	0.0
		0.0	0.0	-7.18e-04	0.0	171.2	1.21	6.98e-03	0.26	0.04	0.45	6.31
74	142	6.33	0.0	-8.79e-03	-7.38	0.0	1.17	7.37	-0.26	-0.01	0.0	0.0
		0.0	-0.44	6.76e-04	0.0	171.2	1.17	-6.71e-03	-0.26	-0.01	-0.44	6.33
74	144	6.33	0.0	-8.79e-03	-7.38	0.0	1.08	7.37	-0.26	-0.02	0.0	0.0
		0.0	-0.45	7.18e-04	0.0	171.2	1.08	-6.98e-03	-0.26	-0.02	-0.45	6.33
74	146	6.33	0.0	-8.79e-03	-7.38	0.0	1.18	7.37	-0.26	-0.01	0.0	0.0
		0.0	-0.45	7.07e-04	0.0	171.2	1.18	-6.68e-03	-0.26	-0.01	-0.45	6.33
74	160	8.85	0.0	-0.01	-10.34	0.0	1.59	10.34	0.0	0.02	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.59	0.0	0.0	0.02	0.0	8.85
74	179	2.09	0.0	-2.90e-03	-2.44	0.0	0.32	2.44	0.0	8.52e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.32	0.0	0.0	8.52e-03	0.0	2.09
74	185	4.46	0.0	-6.24e-03	-5.20	0.0	0.96	5.20	0.0	0.02	0.0	0.0
		0.0	0.0	7.77e-06	0.0	171.2	0.96	0.0	0.0	0.02	0.0	4.46
74	186	8.85	0.0	-0.01	-10.34	0.0	1.64	10.34	0.0	0.03	0.0	0.0
		0.0	0.0	8.09e-06	0.0	171.2	1.64	0.0	0.0	0.03	0.0	8.85
74	191	3.75	0.0	-5.26e-03	-4.37	0.0	0.86	4.37	0.0	0.03	0.0	0.0
		0.0	0.0	1.27e-05	0.0	171.2	0.86	0.0	0.0	0.03	0.0	3.75
74	205	3.27	0.0	-4.58e-03	-3.82	0.0	0.69	3.82	0.0	6.92e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.69	0.0	0.0	6.92e-03	0.0	3.27
74	206	6.79	0.0	-9.49e-03	-7.93	0.0	1.24	7.93	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.24	0.0	0.0	0.01	0.0	6.79
74	215	2.09	0.0	-2.92e-03	-2.44	0.0	0.45	2.44	0.0	5.35e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.45	0.0	0.0	5.35e-03	0.0	2.09
74	221	2.80	0.0	-3.92e-03	-3.27	0.0	0.62	3.27	0.0	0.01	0.0	0.0
		0.0	0.0	2.68e-06	0.0	171.2	0.62	0.0	0.0	0.01	0.0	2.80

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
74	227	2.09	0.0	-2.92e-03	-2.44	0.0	0.48	2.44	0.0	4.56e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.48	0.0	0.0	4.56e-03	0.0	2.09
74	228	5.61	0.0	-7.84e-03	-6.55	0.0	1.02	6.55	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.02	0.0	0.0	0.01	0.0	5.61
74	229	2.80	0.0	-3.91e-03	-3.27	0.0	0.61	3.27	0.0	5.97e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.61	0.0	0.0	5.97e-03	0.0	2.80
74	230	6.32	0.0	-8.83e-03	-7.38	0.0	1.15	7.38	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.15	0.0	0.0	0.01	0.0	6.32
75	4	12.86	0.0	-0.02	-15.02	0.0	2.29	15.02	0.0	0.03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	2.29	0.0	0.0	0.03	0.0	12.86
75	19	5.64	0.0	-8.15e-03	-6.58	0.0	0.99	6.58	0.0	0.02	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.99	0.0	0.0	0.02	0.0	5.64
75	25	2.09	0.0	-3.05e-03	-2.44	0.0	0.25	2.44	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.25	0.0	0.0	0.01	0.0	2.09
75	68	11.80	0.0	-0.02	-13.78	0.0	1.93	13.78	0.0	-7.94e-03	0.0	0.0
		0.0	0.0	-1.82e-05	0.0	171.2	1.93	0.0	0.0	-7.94e-03	0.0	11.80
75	76	12.86	0.0	-0.02	-15.02	0.0	2.36	15.02	0.0	0.05	0.0	0.0
		0.0	0.0	1.21e-05	0.0	171.2	2.36	0.0	0.0	0.05	0.0	12.86
75	89	2.09	0.0	-2.97e-03	-2.44	0.0	0.60	2.44	0.0	0.04	0.0	0.0
		0.0	0.0	1.89e-05	0.0	171.2	0.60	0.0	0.0	0.04	0.0	2.09
75	98	6.32	0.0	-9.09e-03	-7.38	0.0	1.52	7.38	-0.16	0.03	0.0	0.0
		0.0	-0.28	1.01e-04	0.0	171.2	1.52	2.72e-03	-0.16	0.03	-0.28	6.32
75	99	6.31	0.28	-9.13e-03	-7.38	0.0	0.77	7.38	0.16	3.19e-04	0.0	0.0
		0.0	0.0	-1.00e-04	0.0	171.2	0.77	-2.72e-03	0.16	3.19e-04	0.28	6.31
75	116	6.30	0.0	-9.01e-03	-7.38	0.0	1.13	7.37	-0.19	0.04	0.0	0.0
		0.0	-0.33	6.42e-04	0.0	171.2	1.13	-0.01	-0.19	0.04	-0.33	6.30
75	120	6.34	0.0	-8.98e-03	-7.38	0.0	1.12	7.39	-0.48	0.07	0.0	0.0
		0.0	-0.82	6.29e-04	0.0	171.2	1.12	0.01	-0.48	0.07	-0.82	6.34
75	122	6.34	0.0	-8.99e-03	-7.38	0.0	1.31	7.39	-0.50	0.06	0.0	0.0
		0.0	-0.85	6.13e-04	0.0	171.2	1.31	0.01	-0.50	0.06	-0.85	6.34
75	123	6.30	0.85	-9.22e-03	-7.38	0.0	0.98	7.37	0.50	-0.03	0.0	0.0
		0.0	0.0	-6.12e-04	0.0	171.2	0.98	-0.01	0.50	-0.03	0.85	6.30
75	130	6.32	0.0	-9.10e-03	-7.38	0.0	1.35	7.38	-0.09	0.02	0.0	0.0
		0.0	-0.15	5.39e-05	0.0	171.2	1.35	1.49e-03	-0.09	0.02	-0.15	6.32
75	131	6.32	0.15	-9.12e-03	-7.38	0.0	0.95	7.38	0.09	6.44e-03	0.0	0.0
		0.0	0.0	-5.33e-05	0.0	171.2	0.95	-1.49e-03	0.09	6.44e-03	0.15	6.32
75	148	6.31	0.0	-9.06e-03	-7.38	0.0	1.14	7.37	-0.10	0.03	0.0	0.0
		0.0	-0.18	3.40e-04	0.0	171.2	1.14	-6.25e-03	-0.10	0.03	-0.18	6.31
75	152	6.33	0.0	-9.04e-03	-7.38	0.0	1.14	7.39	-0.26	0.04	0.0	0.0
		0.0	-0.44	3.35e-04	0.0	171.2	1.14	6.98e-03	-0.26	0.04	-0.44	6.33
75	154	6.33	0.0	-9.05e-03	-7.38	0.0	1.24	7.39	-0.26	0.04	0.0	0.0
		0.0	-0.45	3.27e-04	0.0	171.2	1.24	6.95e-03	-0.26	0.04	-0.45	6.33
75	155	6.31	0.45	-9.17e-03	-7.38	0.0	1.06	7.37	0.26	-0.01	0.0	0.0
		0.0	0.0	-3.26e-04	0.0	171.2	1.06	-6.95e-03	0.26	-0.01	0.45	6.31
75	160	8.85	0.0	-0.01	-10.34	0.0	1.59	10.34	0.0	0.02	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.59	0.0	0.0	0.02	0.0	8.85
75	165	4.46	0.0	-6.43e-03	-5.20	0.0	0.82	5.20	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.82	0.0	0.0	0.01	0.0	4.46
75	167	2.09	0.0	-3.04e-03	-2.44	0.0	0.32	2.44	0.0	8.52e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.32	0.0	0.0	8.52e-03	0.0	2.09
75	192	8.14	0.0	-0.01	-9.51	0.0	1.35	9.51	0.0	-4.69e-03	0.0	0.0
		0.0	0.0	-1.21e-05	0.0	171.2	1.35	0.0	0.0	-4.69e-03	0.0	8.14
75	196	8.85	0.0	-0.01	-10.34	0.0	1.64	10.34	0.0	0.03	0.0	0.0
		0.0	0.0	8.09e-06	0.0	171.2	1.64	0.0	0.0	0.03	0.0	8.85
75	199	2.09	0.0	-2.99e-03	-2.44	0.0	0.56	2.44	0.0	0.03	0.0	0.0
		0.0	0.0	1.26e-05	0.0	171.2	0.56	0.0	0.0	0.03	0.0	2.09
75	205	3.27	0.0	-4.72e-03	-3.82	0.0	0.69	3.82	0.0	6.92e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.69	0.0	0.0	6.92e-03	0.0	3.27
75	206	6.79	0.0	-9.79e-03	-7.93	0.0	1.24	7.93	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.24	0.0	0.0	0.01	0.0	6.79
75	211	2.09	0.0	-3.02e-03	-2.44	0.0	0.45	2.44	0.0	5.35e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.45	0.0	0.0	5.35e-03	0.0	2.09
75	222	6.32	0.0	-9.11e-03	-7.38	0.0	1.13	7.38	0.0	9.06e-03	0.0	0.0
		0.0	0.0	-2.10e-06	0.0	171.2	1.13	0.0	0.0	9.06e-03	0.0	6.32
75	223	2.09	0.0	-3.01e-03	-2.44	0.0	0.49	2.44	0.0	8.79e-03	0.0	0.0
		0.0	0.0	2.64e-06	0.0	171.2	0.49	0.0	0.0	8.79e-03	0.0	2.09
75	227	2.09	0.0	-3.01e-03	-2.44	0.0	0.48	2.44	0.0	4.56e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.48	0.0	0.0	4.56e-03	0.0	2.09

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
75	228	5.61	0.0	-8.09e-03	-6.55	0.0	1.02	6.55	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.02	0.0	0.0	0.01	0.0	5.61
75	229	2.80	0.0	-4.04e-03	-3.27	0.0	0.61	3.27	0.0	5.97e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.61	0.0	0.0	5.97e-03	0.0	2.80
75	230	6.32	0.0	-9.11e-03	-7.38	0.0	1.15	7.38	0.0	0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.15	0.0	0.0	0.01	0.0	6.32
76	4	13.05	0.0	-0.02	-15.13	0.0	0.20	15.13	0.0	6.36e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.20	0.0	0.0	6.36e-04	0.0	13.05
76	15	6.36	0.0	-9.16e-03	-7.37	0.0	9.26e-04	7.37	0.0	3.61e-04	0.0	0.0
		0.0	0.0	-1.51e-06	0.0	172.5	9.26e-04	0.0	0.0	3.61e-04	0.0	6.36
76	25	2.12	0.0	-3.06e-03	-2.46	0.0	-0.20	2.46	0.0	1.97e-04	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	172.5	-0.20	0.0	0.0	1.97e-04	0.0	2.12
76	72	11.34	0.0	-0.02	-13.14	0.0	-0.09	13.14	0.0	-1.09e-04	0.0	0.0
		0.0	0.0	-6.88e-06	0.0	172.5	-0.09	0.0	0.0	-1.09e-04	0.0	11.34
76	88	11.97	0.0	-0.02	-13.88	0.0	0.44	13.88	0.0	1.21e-03	0.0	0.0
		0.0	0.0	7.07e-06	0.0	172.5	0.44	0.0	0.0	1.21e-03	0.0	11.97
76	92	11.34	0.0	-0.02	-13.14	0.0	0.42	13.14	0.0	1.18e-03	0.0	0.0
		0.0	0.0	7.06e-06	0.0	172.5	0.42	0.0	0.0	1.18e-03	0.0	11.34
76	98	6.40	0.0	-9.24e-03	-7.43	0.0	0.47	7.43	-0.13	2.99e-03	0.0	0.0
		0.0	-0.15	2.35e-05	0.0	172.5	0.47	-7.98e-03	-0.13	2.99e-03	-0.15	6.40
76	99	6.42	0.15	-9.24e-03	-7.43	0.0	-0.27	7.44	0.13	-2.36e-03	0.0	0.0
		0.0	0.0	-2.34e-05	0.0	172.5	-0.27	7.98e-03	0.13	-2.36e-03	0.15	6.42
76	117	6.45	0.64	-9.26e-03	-7.43	0.0	-0.07	7.46	0.36	-4.89e-03	0.0	0.0
		0.0	0.0	-4.23e-04	0.0	172.5	-0.07	0.02	0.36	-4.89e-03	0.64	6.45
76	121	6.45	0.64	-9.26e-03	-7.43	0.0	-0.10	7.46	0.37	-5.52e-03	0.0	0.0
		0.0	0.0	-3.83e-04	0.0	172.5	-0.10	0.02	0.37	-5.52e-03	0.64	6.45
76	124	6.37	0.0	-9.22e-03	-7.43	0.0	0.30	7.41	-0.37	6.15e-03	0.0	0.0
		0.0	-0.64	3.83e-04	0.0	172.5	0.30	-0.02	-0.37	6.15e-03	-0.64	6.37
76	130	6.41	0.0	-9.24e-03	-7.43	0.0	0.30	7.43	-0.07	1.75e-03	0.0	0.0
		0.0	-0.08	1.26e-05	0.0	172.5	0.30	-4.44e-03	-0.07	1.75e-03	-0.08	6.41
76	131	6.42	0.08	-9.24e-03	-7.43	0.0	-0.10	7.44	0.07	-1.12e-03	0.0	0.0
		0.0	0.0	-1.26e-05	0.0	172.5	-0.10	4.44e-03	0.07	-1.12e-03	0.08	6.42
76	149	6.43	0.34	-9.25e-03	-7.43	0.0	6.48e-03	7.45	0.19	-2.48e-03	0.0	0.0
		0.0	0.0	-2.26e-04	0.0	172.5	6.48e-03	0.01	0.19	-2.48e-03	0.34	6.43
76	153	6.43	0.34	-9.25e-03	-7.43	0.0	-5.45e-03	7.45	0.20	-2.81e-03	0.0	0.0
		0.0	0.0	-2.04e-04	0.0	172.5	-5.45e-03	0.01	0.20	-2.81e-03	0.34	6.43
76	156	6.39	0.0	-9.23e-03	-7.43	0.0	0.20	7.42	-0.20	3.44e-03	0.0	0.0
		0.0	-0.34	2.05e-04	0.0	172.5	0.20	-0.01	-0.20	3.44e-03	-0.34	6.39
76	160	8.98	0.0	-0.01	-10.42	0.0	0.14	10.42	0.0	4.38e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.14	0.0	0.0	4.38e-04	0.0	8.98
76	165	4.52	0.0	-6.51e-03	-5.24	0.0	9.07e-03	5.24	0.0	2.55e-04	0.0	0.0
		0.0	0.0	-1.00e-06	0.0	172.5	9.07e-03	0.0	0.0	2.55e-04	0.0	4.52
76	167	2.12	0.0	-3.06e-03	-2.46	0.0	-0.11	2.46	0.0	1.67e-04	0.0	0.0
		0.0	0.0	-1.74e-06	0.0	172.5	-0.11	0.0	0.0	1.67e-04	0.0	2.12
76	192	8.26	0.0	-0.01	-9.58	0.0	-0.04	9.58	0.0	-3.78e-05	0.0	0.0
		0.0	0.0	-4.58e-06	0.0	172.5	-0.04	0.0	0.0	-3.78e-05	0.0	8.26
76	202	8.26	0.0	-0.01	-9.58	0.0	0.30	9.58	0.0	8.19e-04	0.0	0.0
		0.0	0.0	4.72e-06	0.0	172.5	0.30	0.0	0.0	8.19e-04	0.0	8.26
76	205	3.32	0.0	-4.79e-03	-3.85	0.0	0.09	3.85	0.0	1.61e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.09	0.0	0.0	1.61e-04	0.0	3.32
76	206	6.89	0.0	-9.93e-03	-7.99	0.0	0.11	7.99	0.0	3.38e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.11	0.0	0.0	3.38e-04	0.0	6.89
76	211	2.12	0.0	-3.06e-03	-2.46	0.0	0.03	2.46	0.0	1.17e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.03	0.0	0.0	1.17e-04	0.0	2.12
76	222	6.41	0.0	-9.24e-03	-7.43	0.0	0.07	7.43	0.0	2.27e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.07	0.0	0.0	2.27e-04	0.0	6.41
76	226	6.41	0.0	-9.24e-03	-7.43	0.0	0.13	7.43	0.0	3.98e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.13	0.0	0.0	3.98e-04	0.0	6.41
76	227	2.12	0.0	-3.06e-03	-2.46	0.0	0.06	2.46	0.0	1.05e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.06	0.0	0.0	1.05e-04	0.0	2.12
76	229	2.84	0.0	-4.09e-03	-3.29	0.0	0.08	3.29	0.0	1.38e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.08	0.0	0.0	1.38e-04	0.0	2.84
76	230	6.41	0.0	-9.24e-03	-7.43	0.0	0.10	7.43	0.0	3.15e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.10	0.0	0.0	3.15e-04	0.0	6.41
77	4	13.05	0.0	-0.02	-15.13	0.0	0.20	15.13	0.0	-6.43e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.20	0.0	0.0	-6.43e-04	0.0	13.05
77	56	13.05	0.0	-0.02	-15.13	0.0	0.04	15.13	0.0	-2.45e-04	0.0	0.0
		0.0	0.0	4.53e-06	0.0	172.5	0.04	0.0	0.0	-2.45e-04	0.0	13.05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
77	66	9.45	0.0	-0.01	-10.96	0.0	-0.14	10.96	0.0	1.91e-04	0.0	0.0
		0.0	0.0	7.23e-06	0.0	172.5	-0.14	0.0	0.0	1.91e-04	0.0	9.45
77	68	11.97	0.0	-0.02	-13.88	0.0	-0.09	13.88	0.0	7.14e-05	0.0	0.0
		0.0	0.0	7.29e-06	0.0	172.5	-0.09	0.0	0.0	7.14e-05	0.0	11.97
77	69	2.12	0.0	-3.05e-03	-2.46	0.0	-0.20	2.46	0.0	5.57e-04	0.0	0.0
		0.0	0.0	7.04e-06	0.0	172.5	-0.20	0.0	0.0	5.57e-04	0.0	2.12
77	88	11.97	0.0	-0.02	-13.88	0.0	0.45	13.88	0.0	-1.21e-03	0.0	0.0
		0.0	0.0	-6.71e-06	0.0	172.5	0.45	0.0	0.0	-1.21e-03	0.0	11.97
77	109	6.45	0.64	-9.28e-03	-7.43	0.0	-0.06	7.46	0.37	5.61e-03	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	172.5	-0.06	0.02	0.37	5.61e-03	0.64	6.45
77	111	6.45	0.62	-9.28e-03	-7.43	0.0	-0.20	7.46	0.36	4.87e-03	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	172.5	-0.20	0.02	0.36	4.87e-03	0.62	6.45
77	112	6.38	0.0	-9.18e-03	-7.43	0.0	0.26	7.41	-0.37	-6.24e-03	0.0	0.0
		0.0	-0.64	1.12e-03	0.0	172.5	0.26	-0.02	-0.37	-6.24e-03	-0.64	6.38
77	116	6.38	0.0	-9.19e-03	-7.43	0.0	0.28	7.41	-0.36	-5.60e-03	0.0	0.0
		0.0	-0.64	1.07e-03	0.0	172.5	0.28	-0.02	-0.36	-5.60e-03	-0.64	6.38
77	118	6.38	0.0	-9.22e-03	-7.43	0.0	0.42	7.41	-0.26	4.46e-03	0.0	0.0
		0.0	-0.45	1.95e-04	0.0	172.5	0.42	-0.02	-0.26	4.46e-03	-0.45	6.38
77	119	6.45	0.45	-9.24e-03	-7.43	0.0	-0.23	7.45	0.26	-5.10e-03	0.0	0.0
		0.0	0.0	-1.95e-04	0.0	172.5	-0.23	0.02	0.26	-5.10e-03	0.45	6.45
77	141	6.43	0.34	-9.26e-03	-7.43	0.0	0.01	7.45	0.20	2.86e-03	0.0	0.0
		0.0	0.0	-5.98e-04	0.0	172.5	0.01	0.01	0.20	2.86e-03	0.34	6.43
77	143	6.43	0.33	-9.26e-03	-7.43	0.0	-0.06	7.45	0.19	2.47e-03	0.0	0.0
		0.0	0.0	-5.59e-04	0.0	172.5	-0.06	0.01	0.19	2.47e-03	0.33	6.43
77	144	6.39	0.0	-9.21e-03	-7.43	0.0	0.18	7.42	-0.20	-3.50e-03	0.0	0.0
		0.0	-0.34	5.98e-04	0.0	172.5	0.18	-0.01	-0.20	-3.50e-03	-0.34	6.39
77	148	6.39	0.0	-9.21e-03	-7.43	0.0	0.20	7.42	-0.19	-3.15e-03	0.0	0.0
		0.0	-0.34	5.69e-04	0.0	172.5	0.20	-0.01	-0.19	-3.15e-03	-0.34	6.39
77	150	6.39	0.0	-9.23e-03	-7.43	0.0	0.27	7.42	-0.14	2.26e-03	0.0	0.0
		0.0	-0.24	1.06e-04	0.0	172.5	0.27	-0.01	-0.14	2.26e-03	-0.24	6.39
77	151	6.43	0.24	-9.24e-03	-7.43	0.0	-0.08	7.45	0.14	-2.90e-03	0.0	0.0
		0.0	0.0	-1.06e-04	0.0	172.5	-0.08	0.01	0.14	-2.90e-03	0.24	6.43
77	160	8.98	0.0	-0.01	-10.42	0.0	0.14	10.42	0.0	-4.43e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.14	0.0	0.0	-4.43e-04	0.0	8.98
77	186	8.98	0.0	-0.01	-10.42	0.0	0.04	10.42	0.0	-1.77e-04	0.0	0.0
		0.0	0.0	3.03e-06	0.0	172.5	0.04	0.0	0.0	-1.77e-04	0.0	8.98
77	189	2.12	0.0	-3.05e-03	-2.46	0.0	-0.11	2.46	0.0	3.36e-04	0.0	0.0
		0.0	0.0	4.72e-06	0.0	172.5	-0.11	0.0	0.0	3.36e-04	0.0	2.12
77	190	6.58	0.0	-9.48e-03	-7.63	0.0	-0.08	7.63	0.0	1.13e-04	0.0	0.0
		0.0	0.0	4.83e-06	0.0	172.5	-0.08	0.0	0.0	1.13e-04	0.0	6.58
77	192	8.26	0.0	-0.01	-9.58	0.0	-0.05	9.58	0.0	3.36e-05	0.0	0.0
		0.0	0.0	4.87e-06	0.0	172.5	-0.05	0.0	0.0	3.36e-05	0.0	8.26
77	202	8.26	0.0	-0.01	-9.58	0.0	0.31	9.58	0.0	-8.22e-04	0.0	0.0
		0.0	0.0	-4.46e-06	0.0	172.5	0.31	0.0	0.0	-8.22e-04	0.0	8.26
77	206	6.89	0.0	-9.92e-03	-7.99	0.0	0.11	7.99	0.0	-3.41e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.11	0.0	0.0	-3.41e-04	0.0	6.89
77	219	2.12	0.0	-3.05e-03	-2.46	0.0	0.03	2.46	0.0	-1.75e-05	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.03	0.0	0.0	-1.75e-05	0.0	2.12
77	220	5.69	0.0	-8.20e-03	-6.60	0.0	0.05	6.60	0.0	-1.96e-04	0.0	0.0
		0.0	0.0	1.08e-06	0.0	172.5	0.05	0.0	0.0	-1.96e-04	0.0	5.69
77	222	6.41	0.0	-9.23e-03	-7.43	0.0	0.06	7.43	0.0	-2.30e-04	0.0	0.0
		0.0	0.0	1.10e-06	0.0	172.5	0.06	0.0	0.0	-2.30e-04	0.0	6.41
77	226	6.41	0.0	-9.23e-03	-7.43	0.0	0.13	7.43	0.0	-4.01e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.13	0.0	0.0	-4.01e-04	0.0	6.41
77	227	2.12	0.0	-3.05e-03	-2.46	0.0	0.06	2.46	0.0	-1.06e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.06	0.0	0.0	-1.06e-04	0.0	2.12
77	228	5.69	0.0	-8.20e-03	-6.60	0.0	0.08	6.60	0.0	-2.84e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.08	0.0	0.0	-2.84e-04	0.0	5.69
77	230	6.41	0.0	-9.23e-03	-7.43	0.0	0.10	7.43	0.0	-3.18e-04	0.0	0.0
		0.0	0.0	0.0	0.0	172.5	0.10	0.0	0.0	-3.18e-04	0.0	6.41
78	4	12.86	0.0	-0.02	-15.02	0.0	2.28	15.02	0.0	-0.03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	2.28	0.0	0.0	-0.03	0.0	12.86
78	35	6.26	0.0	-8.74e-03	-7.32	0.0	1.14	7.32	0.0	-0.02	0.0	0.0
		0.0	0.0	-1.57e-06	0.0	171.2	1.14	0.0	0.0	-0.02	0.0	6.26
78	49	2.09	0.0	-2.89e-03	-2.44	0.0	0.27	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	-2.63e-06	0.0	171.2	0.27	0.0	0.0	-0.01	0.0	2.09
78	66	9.32	0.0	-0.01	-10.88	0.0	1.44	10.88	0.0	0.01	0.0	0.0
		0.0	0.0	1.89e-05	0.0	171.2	1.44	0.0	0.0	0.01	0.0	9.32

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
78	69	2.09	0.0	-2.90e-03	-2.44	0.0	0.29	2.44	0.0	0.03	0.0	0.0
		0.0	0.0	1.90e-05	0.0	171.2	0.29	0.0	0.0	0.03	0.0	2.09
78	76	12.86	0.0	-0.02	-15.02	0.0	2.36	15.02	0.0	-0.05	0.0	0.0
		0.0	0.0	-1.14e-05	0.0	171.2	2.36	0.0	0.0	-0.05	0.0	12.86
78	98	6.33	0.0	-8.83e-03	-7.38	0.0	1.45	7.38	-0.09	-0.01	0.0	0.0
		0.0	-0.06	-1.06e-04	0.0	171.2	1.45	4.49e-03	-0.09	-0.01	-0.06	6.33
78	99	6.31	0.06	-8.83e-03	-7.38	0.0	0.84	7.38	0.09	-0.02	0.0	0.0
		0.0	0.0	1.06e-04	0.0	171.2	0.84	-4.49e-03	0.09	-0.02	0.06	6.31
78	109	6.30	0.85	-8.74e-03	-7.38	0.0	1.16	7.39	0.48	0.04	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	171.2	1.16	0.01	0.48	0.04	0.85	6.30
78	110	6.34	0.0	-8.91e-03	-7.38	0.0	1.29	7.37	-0.50	-0.06	0.0	0.0
		0.0	-0.82	1.27e-03	0.0	171.2	1.29	-0.01	-0.50	-0.06	-0.82	6.34
78	112	6.34	0.0	-8.92e-03	-7.38	0.0	1.13	7.37	-0.48	-0.07	0.0	0.0
		0.0	-0.85	1.35e-03	0.0	171.2	1.13	-0.01	-0.48	-0.07	-0.85	6.34
78	121	6.30	0.33	-8.77e-03	-7.38	0.0	1.09	7.37	0.21	8.94e-03	0.0	0.0
		0.0	0.0	-1.10e-04	0.0	171.2	1.09	-0.01	0.21	8.94e-03	0.33	6.30
78	130	6.32	0.0	-8.83e-03	-7.38	0.0	1.30	7.38	-0.05	-0.01	0.0	0.0
		0.0	-0.03	-5.49e-05	0.0	171.2	1.30	2.55e-03	-0.05	-0.01	-0.03	6.32
78	131	6.31	0.03	-8.83e-03	-7.38	0.0	0.98	7.38	0.05	-0.02	0.0	0.0
		0.0	0.0	5.48e-05	0.0	171.2	0.98	-2.55e-03	0.05	-0.02	0.03	6.31
78	141	6.31	0.45	-8.79e-03	-7.38	0.0	1.15	7.39	0.26	0.02	0.0	0.0
		0.0	0.0	-7.18e-04	0.0	171.2	1.15	7.27e-03	0.26	0.02	0.45	6.31
78	142	6.33	0.0	-8.87e-03	-7.38	0.0	1.22	7.37	-0.26	-0.04	0.0	0.0
		0.0	-0.44	6.76e-04	0.0	171.2	1.22	-6.84e-03	-0.26	-0.04	-0.44	6.33
78	144	6.33	0.0	-8.88e-03	-7.38	0.0	1.14	7.37	-0.26	-0.04	0.0	0.0
		0.0	-0.45	7.18e-04	0.0	171.2	1.14	-7.27e-03	-0.26	-0.04	-0.45	6.33
78	153	6.31	0.18	-8.80e-03	-7.38	0.0	1.11	7.37	0.11	-1.33e-03	0.0	0.0
		0.0	0.0	-6.28e-05	0.0	171.2	1.11	-5.94e-03	0.11	-1.33e-03	0.18	6.31
78	160	8.85	0.0	-0.01	-10.34	0.0	1.58	10.34	0.0	-0.02	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.58	0.0	0.0	-0.02	0.0	8.85
78	175	4.46	0.0	-6.22e-03	-5.20	0.0	0.83	5.20	0.0	-0.01	0.0	0.0
		0.0	0.0	-1.05e-06	0.0	171.2	0.83	0.0	0.0	-0.01	0.0	4.46
78	179	2.09	0.0	-2.90e-03	-2.44	0.0	0.34	2.44	0.0	-0.01	0.0	0.0
		0.0	0.0	-1.75e-06	0.0	171.2	0.34	0.0	0.0	-0.01	0.0	2.09
78	189	2.09	0.0	-2.91e-03	-2.44	0.0	0.35	2.44	0.0	0.02	0.0	0.0
		0.0	0.0	1.27e-05	0.0	171.2	0.35	0.0	0.0	0.02	0.0	2.09
78	190	6.49	0.0	-9.05e-03	-7.58	0.0	1.02	7.58	0.0	8.00e-03	0.0	0.0
		0.0	0.0	1.26e-05	0.0	171.2	1.02	0.0	0.0	8.00e-03	0.0	6.49
78	196	8.85	0.0	-0.01	-10.34	0.0	1.64	10.34	0.0	-0.03	0.0	0.0
		0.0	0.0	-7.59e-06	0.0	171.2	1.64	0.0	0.0	-0.03	0.0	8.85
78	205	3.27	0.0	-4.58e-03	-3.82	0.0	0.69	3.82	0.0	-6.92e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.69	0.0	0.0	-6.92e-03	0.0	3.27
78	206	6.79	0.0	-9.49e-03	-7.93	0.0	1.23	7.93	0.0	-0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.23	0.0	0.0	-0.01	0.0	6.79
78	215	2.09	0.0	-2.92e-03	-2.44	0.0	0.45	2.44	0.0	-5.70e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.45	0.0	0.0	-5.70e-03	0.0	2.09
78	219	2.09	0.0	-2.92e-03	-2.44	0.0	0.45	2.44	0.0	-1.80e-04	0.0	0.0
		0.0	0.0	2.53e-06	0.0	171.2	0.45	0.0	0.0	-1.80e-04	0.0	2.09
78	220	5.61	0.0	-7.84e-03	-6.55	0.0	0.99	6.55	0.0	-7.65e-03	0.0	0.0
		0.0	0.0	2.49e-06	0.0	171.2	0.99	0.0	0.0	-7.65e-03	0.0	5.61
78	227	2.09	0.0	-2.92e-03	-2.44	0.0	0.48	2.44	0.0	-4.56e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.48	0.0	0.0	-4.56e-03	0.0	2.09
78	229	2.80	0.0	-3.91e-03	-3.27	0.0	0.61	3.27	0.0	-5.98e-03	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	0.61	0.0	0.0	-5.98e-03	0.0	2.80
78	230	6.32	0.0	-8.83e-03	-7.38	0.0	1.14	7.38	0.0	-0.01	0.0	0.0
		0.0	0.0	0.0	0.0	171.2	1.14	0.0	0.0	-0.01	0.0	6.32
79	4	12.86	0.0	0.02	-15.02	0.0	-4.11	0.0	0.0	5.62e-05	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	-4.11	-15.02	0.0	5.62e-05	0.0	0.0
79	24	11.80	0.0	0.02	-13.78	0.0	-4.95	0.0	0.0	3.99e-03	0.0	11.80
		0.0	0.0	-1.53e-06	0.0	171.2	-4.95	-13.78	0.0	3.99e-03	0.0	0.0
79	25	2.09	0.0	2.95e-03	-2.44	0.0	-1.92	0.0	0.0	3.95e-03	0.0	2.09
		0.0	0.0	-1.82e-06	0.0	171.2	-1.92	-2.44	0.0	3.95e-03	0.0	0.0
79	49	2.09	0.0	2.95e-03	-2.44	0.0	-0.24	0.0	0.0	-3.93e-03	0.0	2.09
		0.0	0.0	1.96e-06	0.0	171.2	-0.24	-2.44	0.0	-3.93e-03	0.0	0.0
79	70	8.69	0.0	0.01	-10.15	0.0	-2.74	0.0	0.0	0.08	0.0	8.69
		0.0	0.0	-1.90e-05	0.0	171.2	-2.74	-10.15	0.0	0.08	0.0	0.0
79	86	9.32	0.0	0.01	-10.88	0.0	-2.97	0.0	0.0	-0.08	0.0	9.32
		0.0	0.0	1.95e-05	0.0	171.2	-2.97	-10.88	0.0	-0.08	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
79	98	6.32	0.0	8.93e-03	-7.38	0.0	-2.35	-4.63e-05	0.16	-0.03	-0.28	6.32
		0.0	-0.28	-4.52e-04	0.0	171.2	-2.35	-7.38	0.16	-0.03	0.0	0.0
79	99	6.32	0.28	8.93e-03	-7.38	0.0	-1.77	4.63e-05	-0.16	0.03	0.28	6.32
		0.0	0.0	4.52e-04	0.0	171.2	-1.77	-7.38	-0.16	0.03	0.0	0.0
79	117	6.32	0.82	8.93e-03	-7.38	0.0	-2.13	4.56e-05	-0.48	0.14	0.82	6.32
		0.0	0.0	1.29e-03	0.0	171.2	-2.13	-7.38	-0.48	0.14	0.0	0.0
79	122	6.32	0.0	8.93e-03	-7.38	0.0	-2.17	-6.42e-05	0.48	-0.13	-0.85	6.32
		0.0	-0.85	-1.27e-03	0.0	171.2	-2.17	-7.38	0.48	-0.13	0.0	0.0
79	123	6.32	0.85	8.93e-03	-7.38	0.0	-1.96	6.42e-05	-0.48	0.13	0.85	6.32
		0.0	0.0	1.27e-03	0.0	171.2	-1.96	-7.38	-0.48	0.13	0.0	0.0
79	124	6.32	0.0	8.93e-03	-7.38	0.0	-2.00	-4.50e-05	0.50	-0.15	-0.82	6.32
		0.0	-0.82	-1.35e-03	0.0	171.2	-2.00	-7.38	0.50	-0.15	0.0	0.0
79	130	6.32	0.0	8.93e-03	-7.38	0.0	-2.22	-2.71e-05	0.09	-0.02	-0.15	6.32
		0.0	-0.15	-2.41e-04	0.0	171.2	-2.22	-7.38	0.09	-0.02	0.0	0.0
79	131	6.32	0.15	8.93e-03	-7.38	0.0	-1.91	2.71e-05	-0.09	0.02	0.15	6.32
		0.0	0.0	2.41e-04	0.0	171.2	-1.91	-7.38	-0.09	0.02	0.0	0.0
79	149	6.32	0.44	8.93e-03	-7.38	0.0	-2.10	2.68e-05	-0.26	0.08	0.44	6.32
		0.0	0.0	6.87e-04	0.0	171.2	-2.10	-7.38	-0.26	0.08	0.0	0.0
79	154	6.32	0.0	8.93e-03	-7.38	0.0	-2.12	-3.76e-05	0.26	-0.07	-0.45	6.32
		0.0	-0.45	-6.75e-04	0.0	171.2	-2.12	-7.38	0.26	-0.07	0.0	0.0
79	155	6.32	0.45	8.93e-03	-7.38	0.0	-2.01	3.76e-05	-0.26	0.07	0.45	6.32
		0.0	0.0	6.76e-04	0.0	171.2	-2.01	-7.38	-0.26	0.07	0.0	0.0
79	156	6.32	0.0	8.93e-03	-7.38	0.0	-2.03	-2.64e-05	0.26	-0.08	-0.44	6.32
		0.0	-0.44	-7.17e-04	0.0	171.2	-2.03	-7.38	0.26	-0.08	0.0	0.0
79	160	8.85	0.0	0.01	-10.34	0.0	-2.84	0.0	0.0	3.87e-05	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	-2.84	-10.34	0.0	3.87e-05	0.0	0.0
79	167	2.09	0.0	2.95e-03	-2.44	0.0	-1.53	0.0	0.0	2.64e-03	0.0	2.09
		0.0	0.0	-1.19e-06	0.0	171.2	-1.53	-2.44	0.0	2.64e-03	0.0	0.0
79	170	8.14	0.0	0.01	-9.51	0.0	-3.40	0.0	0.0	2.66e-03	0.0	8.14
		0.0	0.0	-1.01e-06	0.0	171.2	-3.40	-9.51	0.0	2.66e-03	0.0	0.0
79	179	2.09	0.0	2.95e-03	-2.44	0.0	-0.41	0.0	0.0	-2.62e-03	0.0	2.09
		0.0	0.0	1.33e-06	0.0	171.2	-0.41	-2.44	0.0	-2.62e-03	0.0	0.0
79	190	6.49	0.0	9.17e-03	-7.58	0.0	-2.08	0.0	0.0	0.05	0.0	6.49
		0.0	0.0	-1.26e-05	0.0	171.2	-2.08	-7.58	0.0	0.05	0.0	0.0
79	200	6.49	0.0	9.17e-03	-7.58	0.0	-2.08	0.0	0.0	-0.05	0.0	6.49
		0.0	0.0	1.30e-05	0.0	171.2	-2.08	-7.58	0.0	-0.05	0.0	0.0
79	206	6.79	0.0	9.60e-03	-7.93	0.0	-2.21	0.0	0.0	3.01e-05	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	-2.21	-7.93	0.0	3.01e-05	0.0	0.0
79	211	2.09	0.0	2.95e-03	-2.44	0.0	-0.91	0.0	0.0	5.34e-04	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.91	-2.44	0.0	5.34e-04	0.0	0.0
79	214	6.32	0.0	8.93e-03	-7.38	0.0	-2.22	0.0	0.0	5.53e-04	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	-2.22	-7.38	0.0	5.53e-04	0.0	0.0
79	215	2.09	0.0	2.95e-03	-2.44	0.0	-0.69	0.0	0.0	-5.16e-04	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.69	-2.44	0.0	-5.16e-04	0.0	0.0
79	220	5.61	0.0	7.93e-03	-6.55	0.0	-1.84	0.0	0.0	0.01	0.0	5.61
		0.0	0.0	-2.39e-06	0.0	171.2	-1.84	-6.55	0.0	0.01	0.0	0.0
79	224	5.61	0.0	7.93e-03	-6.55	0.0	-1.84	0.0	0.0	-0.01	0.0	5.61
		0.0	0.0	2.73e-06	0.0	171.2	-1.84	-6.55	0.0	-0.01	0.0	0.0
79	227	2.09	0.0	2.95e-03	-2.44	0.0	-0.75	0.0	0.0	9.19e-06	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.75	-2.44	0.0	9.19e-06	0.0	0.0
79	228	5.61	0.0	7.93e-03	-6.55	0.0	-1.85	0.0	0.0	2.55e-05	0.0	5.61
		0.0	0.0	0.0	0.0	171.2	-1.85	-6.55	0.0	2.55e-05	0.0	0.0
79	230	6.32	0.0	8.93e-03	-7.38	0.0	-2.06	0.0	0.0	2.83e-05	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	-2.06	-7.38	0.0	2.83e-05	0.0	0.0
80	4	13.05	0.0	0.02	-15.13	0.0	-1.02	0.0	0.0	0.0	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	-1.02	-15.13	0.0	0.0	0.0	0.0
80	24	11.97	0.0	0.02	-13.88	0.0	-1.35	0.0	0.0	8.31e-05	0.0	11.97
		0.0	0.0	-2.49e-06	0.0	172.5	-1.35	-13.88	0.0	8.31e-05	0.0	0.0
80	66	9.45	0.0	0.01	-10.96	0.0	-0.75	0.0	0.0	1.72e-03	0.0	9.45
		0.0	0.0	-6.82e-06	0.0	172.5	-0.75	-10.96	0.0	1.72e-03	0.0	0.0
80	69	2.12	0.0	3.06e-03	-2.46	0.0	-0.14	0.0	0.0	1.72e-03	0.0	2.12
		0.0	0.0	-6.94e-06	0.0	172.5	-0.14	-2.46	0.0	1.72e-03	0.0	0.0
80	80	12.42	0.0	0.02	-14.39	0.0	-0.95	0.0	0.0	-1.03e-03	0.0	12.42
		0.0	0.0	4.39e-06	0.0	172.5	-0.95	-14.39	0.0	-1.03e-03	0.0	0.0
80	89	2.12	0.0	3.06e-03	-2.46	0.0	-0.14	0.0	0.0	-1.72e-03	0.0	2.12
		0.0	0.0	6.99e-06	0.0	172.5	-0.14	-2.46	0.0	-1.72e-03	0.0	0.0
80	102	6.41	0.0	9.23e-03	-7.43	0.0	-0.83	-1.35e-04	0.06	3.08e-04	-0.10	6.41
		0.0	-0.10	6.72e-05	0.0	172.5	-0.83	-7.43	0.06	3.08e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
80	103	6.41	0.10	9.24e-03	-7.43	0.0	-0.19	1.35e-04	-0.06	-3.07e-04	0.10	6.41
		0.0	0.0	-6.70e-05	0.0	172.5	-0.19	-7.43	-0.06	-3.07e-04	0.0	0.0
80	119	6.41	0.62	9.24e-03	-7.43	0.0	-0.44	-1.89e-04	-0.36	4.77e-03	0.62	6.41
		0.0	0.0	1.11e-03	0.0	172.5	-0.44	-7.43	-0.36	4.77e-03	0.0	0.0
80	121	6.41	0.64	9.24e-03	-7.43	0.0	-0.62	-2.56e-04	-0.37	4.88e-03	0.64	6.41
		0.0	0.0	1.12e-03	0.0	172.5	-0.62	-7.43	-0.37	4.88e-03	0.0	0.0
80	124	6.41	0.0	9.23e-03	-7.43	0.0	-0.40	2.56e-04	0.37	-4.88e-03	-0.64	6.41
		0.0	-0.64	-1.12e-03	0.0	172.5	-0.40	-7.43	0.37	-4.88e-03	0.0	0.0
80	134	6.41	0.0	9.24e-03	-7.43	0.0	-0.68	-7.91e-05	0.03	1.56e-04	-0.05	6.41
		0.0	-0.05	3.52e-05	0.0	172.5	-0.68	-7.43	0.03	1.56e-04	0.0	0.0
80	135	6.41	0.05	9.24e-03	-7.43	0.0	-0.34	7.91e-05	-0.03	-1.55e-04	0.05	6.41
		0.0	0.0	-3.49e-05	0.0	172.5	-0.34	-7.43	-0.03	-1.55e-04	0.0	0.0
80	151	6.41	0.33	9.24e-03	-7.43	0.0	-0.47	-1.11e-04	-0.19	2.55e-03	0.33	6.41
		0.0	0.0	5.89e-04	0.0	172.5	-0.47	-7.43	-0.19	2.55e-03	0.0	0.0
80	153	6.41	0.34	9.24e-03	-7.43	0.0	-0.57	-1.50e-04	-0.20	2.61e-03	0.34	6.41
		0.0	0.0	5.98e-04	0.0	172.5	-0.57	-7.43	-0.20	2.61e-03	0.0	0.0
80	156	6.41	0.0	9.23e-03	-7.43	0.0	-0.45	1.50e-04	0.20	-2.61e-03	-0.34	6.41
		0.0	-0.34	-5.98e-04	0.0	172.5	-0.45	-7.43	0.20	-2.61e-03	0.0	0.0
80	160	8.98	0.0	0.01	-10.42	0.0	-0.70	0.0	0.0	0.0	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	-0.70	-10.42	0.0	0.0	0.0	0.0
80	170	8.26	0.0	0.01	-9.58	0.0	-0.92	0.0	0.0	5.54e-05	0.0	8.26
		0.0	0.0	-1.66e-06	0.0	172.5	-0.92	-9.58	0.0	5.54e-05	0.0	0.0
80	189	2.12	0.0	3.06e-03	-2.46	0.0	-0.15	0.0	0.0	1.15e-03	0.0	2.12
		0.0	0.0	-4.61e-06	0.0	172.5	-0.15	-2.46	0.0	1.15e-03	0.0	0.0
80	190	6.58	0.0	9.48e-03	-7.63	0.0	-0.52	0.0	0.0	1.15e-03	0.0	6.58
		0.0	0.0	-4.54e-06	0.0	172.5	-0.52	-7.63	0.0	1.15e-03	0.0	0.0
80	196	8.98	0.0	0.01	-10.42	0.0	-0.69	0.0	0.0	-6.88e-04	0.0	8.98
		0.0	0.0	2.94e-06	0.0	172.5	-0.69	-10.42	0.0	-6.88e-04	0.0	0.0
80	199	2.12	0.0	3.06e-03	-2.46	0.0	-0.15	0.0	0.0	-1.15e-03	0.0	2.12
		0.0	0.0	4.68e-06	0.0	172.5	-0.15	-2.46	0.0	-1.15e-03	0.0	0.0
80	206	6.89	0.0	9.93e-03	-7.99	0.0	-0.54	0.0	0.0	0.0	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	-0.54	-7.99	0.0	0.0	0.0	0.0
80	214	6.41	0.0	9.24e-03	-7.43	0.0	-0.57	0.0	0.0	1.13e-05	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	-0.57	-7.43	0.0	1.13e-05	0.0	0.0
80	219	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	2.29e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	2.29e-04	0.0	0.0
80	220	5.69	0.0	8.20e-03	-6.60	0.0	-0.46	0.0	0.0	2.30e-04	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	-0.46	-6.60	0.0	2.30e-04	0.0	0.0
80	223	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	-2.29e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	-2.29e-04	0.0	0.0
80	227	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	0.0	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	0.0	0.0	0.0
80	228	5.69	0.0	8.20e-03	-6.60	0.0	-0.46	0.0	0.0	0.0	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	-0.46	-6.60	0.0	0.0	0.0	0.0
80	230	6.41	0.0	9.24e-03	-7.43	0.0	-0.51	0.0	0.0	0.0	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	-0.51	-7.43	0.0	0.0	0.0	0.0
81	4	13.05	0.0	0.02	-15.13	0.0	-1.02	0.0	0.0	0.0	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	-1.02	-15.13	0.0	0.0	0.0	0.0
81	48	11.97	0.0	0.02	-13.88	0.0	-1.35	0.0	0.0	8.32e-05	0.0	11.97
		0.0	0.0	-2.50e-06	0.0	172.5	-1.35	-13.88	0.0	8.32e-05	0.0	0.0
81	65	2.76	0.0	3.97e-03	-3.20	0.0	-0.19	0.0	0.0	-1.72e-03	0.0	2.76
		0.0	0.0	7.01e-06	0.0	172.5	-0.19	-3.20	0.0	-1.72e-03	0.0	0.0
81	68	11.97	0.0	0.02	-13.88	0.0	-0.92	0.0	0.0	-1.72e-03	0.0	11.97
		0.0	0.0	7.16e-06	0.0	172.5	-0.92	-13.88	0.0	-1.72e-03	0.0	0.0
81	69	2.12	0.0	3.06e-03	-2.46	0.0	-0.14	0.0	0.0	-1.72e-03	0.0	2.12
		0.0	0.0	6.99e-06	0.0	172.5	-0.14	-2.46	0.0	-1.72e-03	0.0	0.0
81	89	2.12	0.0	3.06e-03	-2.46	0.0	-0.14	0.0	0.0	1.72e-03	0.0	2.12
		0.0	0.0	-6.94e-06	0.0	172.5	-0.14	-2.46	0.0	1.72e-03	0.0	0.0
81	102	6.41	0.0	9.24e-03	-7.43	0.0	-0.82	-8.16e-05	0.09	1.76e-03	-0.15	6.41
		0.0	-0.15	4.37e-05	0.0	172.5	-0.82	-7.43	0.09	1.76e-03	0.0	0.0
81	103	6.41	0.15	9.24e-03	-7.43	0.0	-0.20	8.16e-05	-0.09	-1.76e-03	0.15	6.41
		0.0	0.0	-4.36e-05	0.0	172.5	-0.20	-7.43	-0.09	-1.76e-03	0.0	0.0
81	109	6.41	0.64	9.24e-03	-7.43	0.0	-0.58	-4.23e-05	-0.37	-4.88e-03	0.64	6.41
		0.0	0.0	3.45e-04	0.0	172.5	-0.58	-7.43	-0.37	-4.88e-03	0.0	0.0
81	112	6.41	0.0	9.24e-03	-7.43	0.0	-0.44	4.23e-05	0.37	4.88e-03	-0.64	6.41
		0.0	-0.64	-3.45e-04	0.0	172.5	-0.44	-7.43	0.37	4.88e-03	0.0	0.0
81	117	6.41	0.48	9.24e-03	-7.43	0.0	-0.62	1.75e-04	-0.28	-1.65e-03	0.48	6.41
		0.0	0.0	8.54e-04	0.0	172.5	-0.62	-7.43	-0.28	-1.65e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
81	122	6.41	0.0	9.24e-03	-7.43	0.0	-0.58	-2.23e-04	0.26	1.53e-03	-0.46	6.41
		0.0	-0.46	-8.28e-04	0.0	172.5	-0.58	-7.43	0.26	1.53e-03	0.0	0.0
81	134	6.41	0.0	9.24e-03	-7.43	0.0	-0.68	-4.78e-05	0.05	9.37e-04	-0.08	6.41
		0.0	-0.08	2.33e-05	0.0	172.5	-0.68	-7.43	0.05	9.37e-04	0.0	0.0
81	135	6.41	0.08	9.24e-03	-7.43	0.0	-0.34	4.78e-05	-0.05	-9.37e-04	0.08	6.41
		0.0	0.0	-2.31e-05	0.0	172.5	-0.34	-7.43	-0.05	-9.37e-04	0.0	0.0
81	141	6.41	0.34	9.24e-03	-7.43	0.0	-0.55	-2.48e-05	-0.20	-2.61e-03	0.34	6.41
		0.0	0.0	1.85e-04	0.0	172.5	-0.55	-7.43	-0.20	-2.61e-03	0.0	0.0
81	144	6.41	0.0	9.24e-03	-7.43	0.0	-0.47	2.48e-05	0.20	2.61e-03	-0.34	6.41
		0.0	-0.34	-1.84e-04	0.0	172.5	-0.47	-7.43	0.20	2.61e-03	0.0	0.0
81	149	6.41	0.26	9.24e-03	-7.43	0.0	-0.57	1.03e-04	-0.15	-9.07e-04	0.26	6.41
		0.0	0.0	4.54e-04	0.0	172.5	-0.57	-7.43	-0.15	-9.07e-04	0.0	0.0
81	154	6.41	0.0	9.24e-03	-7.43	0.0	-0.55	-1.31e-04	0.14	8.46e-04	-0.24	6.41
		0.0	-0.24	-4.40e-04	0.0	172.5	-0.55	-7.43	0.14	8.46e-04	0.0	0.0
81	160	8.98	0.0	0.01	-10.42	0.0	-0.70	0.0	0.0	0.0	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	-0.70	-10.42	0.0	0.0	0.0	0.0
81	182	8.26	0.0	0.01	-9.58	0.0	-0.92	0.0	0.0	5.55e-05	0.0	8.26
		0.0	0.0	-1.66e-06	0.0	172.5	-0.92	-9.58	0.0	5.55e-05	0.0	0.0
81	189	2.12	0.0	3.06e-03	-2.46	0.0	-0.15	0.0	0.0	-1.15e-03	0.0	2.12
		0.0	0.0	4.68e-06	0.0	172.5	-0.15	-2.46	0.0	-1.15e-03	0.0	0.0
81	192	8.26	0.0	0.01	-9.58	0.0	-0.63	0.0	0.0	-1.15e-03	0.0	8.26
		0.0	0.0	4.78e-06	0.0	172.5	-0.63	-9.58	0.0	-1.15e-03	0.0	0.0
81	199	2.12	0.0	3.06e-03	-2.46	0.0	-0.15	0.0	0.0	1.15e-03	0.0	2.12
		0.0	0.0	-4.61e-06	0.0	172.5	-0.15	-2.46	0.0	1.15e-03	0.0	0.0
81	206	6.89	0.0	9.93e-03	-7.99	0.0	-0.54	0.0	0.0	0.0	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	-0.54	-7.99	0.0	0.0	0.0	0.0
81	218	6.41	0.0	9.24e-03	-7.43	0.0	-0.57	0.0	0.0	1.13e-05	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	-0.57	-7.43	0.0	1.13e-05	0.0	0.0
81	219	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	-2.29e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	-2.29e-04	0.0	0.0
81	222	6.41	0.0	9.24e-03	-7.43	0.0	-0.51	0.0	0.0	-2.29e-04	0.0	6.41
		0.0	0.0	1.05e-06	0.0	172.5	-0.51	-7.43	0.0	-2.29e-04	0.0	0.0
81	223	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	2.29e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	2.29e-04	0.0	0.0
81	227	2.12	0.0	3.06e-03	-2.46	0.0	-0.16	0.0	0.0	0.0	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	-0.16	-2.46	0.0	0.0	0.0	0.0
81	228	5.69	0.0	8.20e-03	-6.60	0.0	-0.46	0.0	0.0	0.0	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	-0.46	-6.60	0.0	0.0	0.0	0.0
81	230	6.41	0.0	9.24e-03	-7.43	0.0	-0.51	0.0	0.0	0.0	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	-0.51	-7.43	0.0	0.0	0.0	0.0
82	4	12.86	0.0	0.02	-15.02	0.0	-4.11	0.0	0.0	5.62e-05	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	-4.11	-15.02	0.0	5.62e-05	0.0	0.0
82	25	2.09	0.0	2.98e-03	-2.44	0.0	-0.24	0.0	0.0	-3.93e-03	0.0	2.09
		0.0	0.0	1.96e-06	0.0	171.2	-0.24	-2.44	0.0	-3.93e-03	0.0	0.0
82	48	11.80	0.0	0.02	-13.78	0.0	-4.95	0.0	0.0	3.99e-03	0.0	11.80
		0.0	0.0	-1.53e-06	0.0	171.2	-4.95	-13.78	0.0	3.99e-03	0.0	0.0
82	49	2.09	0.0	2.98e-03	-2.44	0.0	-1.92	0.0	0.0	3.95e-03	0.0	2.09
		0.0	0.0	-1.82e-06	0.0	171.2	-1.92	-2.44	0.0	3.95e-03	0.0	0.0
82	66	9.32	0.0	0.01	-10.88	0.0	-2.97	0.0	0.0	-0.08	0.0	9.32
		0.0	0.0	1.95e-05	0.0	171.2	-2.97	-10.88	0.0	-0.08	0.0	0.0
82	68	11.80	0.0	0.02	-13.78	0.0	-3.72	0.0	0.0	-0.08	0.0	11.80
		0.0	0.0	1.96e-05	0.0	171.2	-3.72	-13.78	0.0	-0.08	0.0	0.0
82	97	6.32	0.15	9.01e-03	-7.38	0.0	-2.40	-7.70e-05	-0.09	-0.05	0.15	6.32
		0.0	0.0	1.59e-04	0.0	171.2	-2.40	-7.38	-0.09	-0.05	0.0	0.0
82	100	6.32	0.0	9.01e-03	-7.38	0.0	-1.72	7.70e-05	0.09	0.05	-0.15	6.32
		0.0	-0.15	-1.58e-04	0.0	171.2	-1.72	-7.38	0.09	0.05	0.0	0.0
82	109	6.32	0.85	9.01e-03	-7.38	0.0	-2.18	1.76e-04	-0.50	-0.15	0.85	6.32
		0.0	0.0	5.64e-04	0.0	171.2	-2.18	-7.38	-0.50	-0.15	0.0	0.0
82	112	6.32	0.0	9.01e-03	-7.38	0.0	-1.94	-1.76e-04	0.50	0.15	-0.85	6.32
		0.0	-0.85	-5.64e-04	0.0	171.2	-1.94	-7.38	0.50	0.15	0.0	0.0
82	117	6.32	0.36	9.01e-03	-7.38	0.0	-2.18	-2.81e-04	-0.21	-0.08	0.36	6.32
		0.0	0.0	6.42e-04	0.0	171.2	-2.18	-7.38	-0.21	-0.08	0.0	0.0
82	121	6.32	0.35	9.01e-03	-7.38	0.0	-2.18	-2.80e-04	-0.20	-0.07	0.35	6.32
		0.0	0.0	6.87e-04	0.0	171.2	-2.18	-7.38	-0.20	-0.07	0.0	0.0
82	129	6.32	0.08	9.01e-03	-7.38	0.0	-2.24	-4.52e-05	-0.05	-0.03	0.08	6.32
		0.0	0.0	8.40e-05	0.0	171.2	-2.24	-7.38	-0.05	-0.03	0.0	0.0
82	132	6.32	0.0	9.01e-03	-7.38	0.0	-1.88	4.52e-05	0.05	0.03	-0.08	6.32
		0.0	-0.08	-8.36e-05	0.0	171.2	-1.88	-7.38	0.05	0.03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
82	141	6.32	0.45	9.01e-03	-7.38	0.0	-2.13	1.03e-04	-0.26	-0.08	0.45	6.32
		0.0	0.0	3.01e-04	0.0	171.2	-2.13	-7.38	-0.26	-0.08	0.0	0.0
82	144	6.32	0.0	9.01e-03	-7.38	0.0	-2.00	-1.03e-04	0.26	0.08	-0.45	6.32
		0.0	-0.45	-3.00e-04	0.0	171.2	-2.00	-7.38	0.26	0.08	0.0	0.0
82	149	6.32	0.19	9.01e-03	-7.38	0.0	-2.13	-1.65e-04	-0.11	-0.04	0.19	6.32
		0.0	0.0	3.40e-04	0.0	171.2	-2.13	-7.38	-0.11	-0.04	0.0	0.0
82	153	6.32	0.19	9.01e-03	-7.38	0.0	-2.13	-1.64e-04	-0.11	-0.04	0.19	6.32
		0.0	0.0	3.64e-04	0.0	171.2	-2.13	-7.38	-0.11	-0.04	0.0	0.0
82	160	8.85	0.0	0.01	-10.34	0.0	-2.84	0.0	0.0	3.87e-05	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	-2.84	-10.34	0.0	3.87e-05	0.0	0.0
82	167	2.09	0.0	2.98e-03	-2.44	0.0	-0.41	0.0	0.0	-2.62e-03	0.0	2.09
		0.0	0.0	1.33e-06	0.0	171.2	-0.41	-2.44	0.0	-2.62e-03	0.0	0.0
82	179	2.09	0.0	2.98e-03	-2.44	0.0	-1.53	0.0	0.0	2.64e-03	0.0	2.09
		0.0	0.0	-1.19e-06	0.0	171.2	-1.53	-2.44	0.0	2.64e-03	0.0	0.0
82	182	8.14	0.0	0.01	-9.51	0.0	-3.40	0.0	0.0	2.66e-03	0.0	8.14
		0.0	0.0	-1.01e-06	0.0	171.2	-3.40	-9.51	0.0	2.66e-03	0.0	0.0
82	190	6.49	0.0	9.25e-03	-7.58	0.0	-2.08	0.0	0.0	-0.05	0.0	6.49
		0.0	0.0	1.30e-05	0.0	171.2	-2.08	-7.58	0.0	-0.05	0.0	0.0
82	192	8.14	0.0	0.01	-9.51	0.0	-2.58	0.0	0.0	-0.05	0.0	8.14
		0.0	0.0	1.30e-05	0.0	171.2	-2.58	-9.51	0.0	-0.05	0.0	0.0
82	206	6.79	0.0	9.69e-03	-7.93	0.0	-2.21	0.0	0.0	3.01e-05	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	-2.21	-7.93	0.0	3.01e-05	0.0	0.0
82	211	2.09	0.0	2.98e-03	-2.44	0.0	-0.69	0.0	0.0	-5.16e-04	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.69	-2.44	0.0	-5.16e-04	0.0	0.0
82	215	2.09	0.0	2.98e-03	-2.44	0.0	-0.91	0.0	0.0	5.34e-04	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.91	-2.44	0.0	5.34e-04	0.0	0.0
82	218	6.32	0.0	9.01e-03	-7.38	0.0	-2.22	0.0	0.0	5.53e-04	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	-2.22	-7.38	0.0	5.53e-04	0.0	0.0
82	220	5.61	0.0	8.00e-03	-6.55	0.0	-1.84	0.0	0.0	-0.01	0.0	5.61
		0.0	0.0	2.73e-06	0.0	171.2	-1.84	-6.55	0.0	-0.01	0.0	0.0
82	222	6.32	0.0	9.01e-03	-7.38	0.0	-2.06	0.0	0.0	-0.01	0.0	6.32
		0.0	0.0	2.75e-06	0.0	171.2	-2.06	-7.38	0.0	-0.01	0.0	0.0
82	227	2.09	0.0	2.98e-03	-2.44	0.0	-0.75	0.0	0.0	9.19e-06	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	-0.75	-2.44	0.0	9.19e-06	0.0	0.0
82	228	5.61	0.0	8.00e-03	-6.55	0.0	-1.85	0.0	0.0	2.55e-05	0.0	5.61
		0.0	0.0	0.0	0.0	171.2	-1.85	-6.55	0.0	2.55e-05	0.0	0.0
82	230	6.32	0.0	9.01e-03	-7.38	0.0	-2.06	0.0	0.0	2.82e-05	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	-2.06	-7.38	0.0	2.82e-05	0.0	0.0
83	4	12.86	0.0	0.02	-15.02	0.0	2.28	0.0	0.0	-0.03	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	2.28	-15.02	0.0	-0.03	0.0	0.0
83	25	2.09	0.0	2.89e-03	-2.44	0.0	0.27	0.0	0.0	-0.01	0.0	2.09
		0.0	0.0	-2.63e-06	0.0	171.2	0.27	-2.44	0.0	-0.01	0.0	0.0
83	56	12.86	0.0	0.02	-15.02	0.0	2.36	0.0	0.0	-0.05	0.0	12.86
		0.0	0.0	-1.14e-05	0.0	171.2	2.36	-15.02	0.0	-0.05	0.0	0.0
83	65	2.72	0.0	3.84e-03	-3.17	0.0	0.76	0.0	0.0	-0.04	0.0	2.72
		0.0	0.0	-1.89e-05	0.0	171.2	0.76	-3.17	0.0	-0.04	0.0	0.0
83	68	11.80	0.0	0.02	-13.78	0.0	2.22	0.0	0.0	-0.06	0.0	11.80
		0.0	0.0	-1.89e-05	0.0	171.2	2.22	-13.78	0.0	-0.06	0.0	0.0
83	102	6.32	0.0	8.83e-03	-7.38	0.0	0.84	-4.48e-03	0.09	-0.02	-0.15	6.32
		0.0	-0.15	1.06e-04	0.0	171.2	0.84	-7.38	0.09	-0.02	0.0	0.0
83	103	6.32	0.15	8.83e-03	-7.38	0.0	1.45	4.48e-03	-0.09	-0.01	0.15	6.32
		0.0	0.0	-1.06e-04	0.0	171.2	1.45	-7.38	-0.09	-0.01	0.0	0.0
83	121	6.30	0.82	8.92e-03	-7.38	0.0	1.13	0.01	-0.48	-0.07	0.82	6.30
		0.0	0.0	1.35e-03	0.0	171.2	1.13	-7.37	-0.48	-0.07	0.0	0.0
83	122	6.34	0.0	8.75e-03	-7.38	0.0	0.99	-0.01	0.50	0.03	-0.85	6.34
		0.0	-0.85	-1.27e-03	0.0	171.2	0.99	-7.39	0.50	0.03	0.0	0.0
83	123	6.30	0.85	8.91e-03	-7.38	0.0	1.29	0.01	-0.50	-0.06	0.85	6.30
		0.0	0.0	1.27e-03	0.0	171.2	1.29	-7.37	-0.50	-0.06	0.0	0.0
83	134	6.32	0.0	8.83e-03	-7.38	0.0	0.98	-2.54e-03	0.05	-0.02	-0.08	6.32
		0.0	-0.08	5.48e-05	0.0	171.2	0.98	-7.38	0.05	-0.02	0.0	0.0
83	135	6.32	0.08	8.83e-03	-7.38	0.0	1.30	2.54e-03	-0.05	-0.01	0.08	6.32
		0.0	0.0	-5.49e-05	0.0	171.2	1.30	-7.38	-0.05	-0.01	0.0	0.0
83	153	6.31	0.44	8.88e-03	-7.38	0.0	1.14	6.77e-03	-0.26	-0.04	0.44	6.31
		0.0	0.0	7.18e-04	0.0	171.2	1.14	-7.37	-0.26	-0.04	0.0	0.0
83	154	6.33	0.0	8.79e-03	-7.38	0.0	1.06	-7.20e-03	0.26	0.01	-0.45	6.33
		0.0	-0.45	-6.76e-04	0.0	171.2	1.06	-7.39	0.26	0.01	0.0	0.0
83	155	6.31	0.45	8.87e-03	-7.38	0.0	1.22	7.20e-03	-0.26	-0.04	0.45	6.31
		0.0	0.0	6.76e-04	0.0	171.2	1.22	-7.37	-0.26	-0.04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
83	160	8.85	0.0	0.01	-10.34	0.0	1.58	0.0	0.0	-0.02	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	1.58	-10.34	0.0	-0.02	0.0	0.0
83	167	2.09	0.0	2.90e-03	-2.44	0.0	0.34	0.0	0.0	-0.01	0.0	2.09
		0.0	0.0	-1.75e-06	0.0	171.2	0.34	-2.44	0.0	-0.01	0.0	0.0
83	186	8.85	0.0	0.01	-10.34	0.0	1.64	0.0	0.0	-0.03	0.0	8.85
		0.0	0.0	-7.59e-06	0.0	171.2	1.64	-10.34	0.0	-0.03	0.0	0.0
83	189	2.09	0.0	2.95e-03	-2.44	0.0	0.57	0.0	0.0	-0.03	0.0	2.09
		0.0	0.0	-1.26e-05	0.0	171.2	0.57	-2.44	0.0	-0.03	0.0	0.0
83	192	8.14	0.0	0.01	-9.51	0.0	1.55	0.0	0.0	-0.04	0.0	8.14
		0.0	0.0	-1.26e-05	0.0	171.2	1.55	-9.51	0.0	-0.04	0.0	0.0
83	206	6.79	0.0	9.49e-03	-7.93	0.0	1.23	0.0	0.0	-0.01	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	1.23	-7.93	0.0	-0.01	0.0	0.0
83	211	2.09	0.0	2.92e-03	-2.44	0.0	0.45	0.0	0.0	-5.70e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.45	-2.44	0.0	-5.70e-03	0.0	0.0
83	219	2.09	0.0	2.93e-03	-2.44	0.0	0.49	0.0	0.0	-8.79e-03	0.0	2.09
		0.0	0.0	-2.52e-06	0.0	171.2	0.49	-2.44	0.0	-8.79e-03	0.0	0.0
83	222	6.32	0.0	8.84e-03	-7.38	0.0	1.16	0.0	0.0	-0.02	0.0	6.32
		0.0	0.0	-2.56e-06	0.0	171.2	1.16	-7.38	0.0	-0.02	0.0	0.0
83	227	2.09	0.0	2.92e-03	-2.44	0.0	0.48	0.0	0.0	-4.56e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.48	-2.44	0.0	-4.56e-03	0.0	0.0
83	230	6.32	0.0	8.83e-03	-7.38	0.0	1.14	0.0	0.0	-0.01	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	1.14	-7.38	0.0	-0.01	0.0	0.0
84	4	13.05	0.0	0.02	-15.13	0.0	0.20	0.0	0.0	-6.43e-04	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	0.20	-15.13	0.0	-6.43e-04	0.0	0.0
84	68	11.97	0.0	0.02	-13.88	0.0	0.45	0.0	0.0	-1.21e-03	0.0	11.97
		0.0	0.0	-6.71e-06	0.0	172.5	0.45	-13.88	0.0	-1.21e-03	0.0	0.0
84	87	5.28	0.0	7.60e-03	-6.12	0.0	-0.12	0.0	0.0	4.05e-04	0.0	5.28
		0.0	0.0	7.13e-06	0.0	172.5	-0.12	-6.12	0.0	4.05e-04	0.0	0.0
84	88	11.97	0.0	0.02	-13.88	0.0	-0.09	0.0	0.0	7.14e-05	0.0	11.97
		0.0	0.0	7.29e-06	0.0	172.5	-0.09	-13.88	0.0	7.14e-05	0.0	0.0
84	89	2.12	0.0	3.05e-03	-2.46	0.0	-0.20	0.0	0.0	5.57e-04	0.0	2.12
		0.0	0.0	7.04e-06	0.0	172.5	-0.20	-2.46	0.0	5.57e-04	0.0	0.0
84	114	6.44	0.0	9.24e-03	-7.43	0.0	-0.23	0.02	0.26	-5.10e-03	-0.45	6.44
		0.0	-0.45	-1.45e-04	0.0	172.5	-0.23	-7.42	0.26	-5.10e-03	0.0	0.0
84	115	6.38	0.45	9.22e-03	-7.43	0.0	0.42	-0.02	-0.26	4.46e-03	0.45	6.38
		0.0	0.0	1.46e-04	0.0	172.5	0.42	-7.45	-0.26	4.46e-03	0.0	0.0
84	121	6.37	0.64	9.18e-03	-7.43	0.0	0.26	0.02	-0.37	-6.24e-03	0.64	6.37
		0.0	0.0	1.12e-03	0.0	172.5	0.26	-7.41	-0.37	-6.24e-03	0.0	0.0
84	124	6.45	0.0	9.28e-03	-7.43	0.0	-0.06	-0.02	0.37	5.61e-03	-0.64	6.45
		0.0	-0.64	-1.12e-03	0.0	172.5	-0.06	-7.46	0.37	5.61e-03	0.0	0.0
84	146	6.43	0.0	9.24e-03	-7.43	0.0	-0.08	0.01	0.14	-2.90e-03	-0.24	6.43
		0.0	-0.24	-7.98e-05	0.0	172.5	-0.08	-7.42	0.14	-2.90e-03	0.0	0.0
84	147	6.39	0.24	9.23e-03	-7.43	0.0	0.27	-0.01	-0.14	2.26e-03	0.24	6.39
		0.0	0.0	8.02e-05	0.0	172.5	0.27	-7.44	-0.14	2.26e-03	0.0	0.0
84	153	6.39	0.34	9.21e-03	-7.43	0.0	0.18	0.01	-0.20	-3.50e-03	0.34	6.39
		0.0	0.0	5.98e-04	0.0	172.5	0.18	-7.42	-0.20	-3.50e-03	0.0	0.0
84	156	6.43	0.0	9.26e-03	-7.43	0.0	0.01	-0.01	0.20	2.86e-03	-0.34	6.43
		0.0	-0.34	-5.98e-04	0.0	172.5	0.01	-7.45	0.20	2.86e-03	0.0	0.0
84	160	8.98	0.0	0.01	-10.42	0.0	0.14	0.0	0.0	-4.43e-04	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	0.14	-10.42	0.0	-4.43e-04	0.0	0.0
84	192	8.26	0.0	0.01	-9.58	0.0	0.31	0.0	0.0	-8.22e-04	0.0	8.26
		0.0	0.0	-4.46e-06	0.0	172.5	0.31	-9.58	0.0	-8.22e-04	0.0	0.0
84	199	2.12	0.0	3.05e-03	-2.46	0.0	-0.11	0.0	0.0	3.36e-04	0.0	2.12
		0.0	0.0	4.72e-06	0.0	172.5	-0.11	-2.46	0.0	3.36e-04	0.0	0.0
84	201	3.80	0.0	5.47e-03	-4.41	0.0	-0.07	0.0	0.0	2.56e-04	0.0	3.80
		0.0	0.0	4.76e-06	0.0	172.5	-0.07	-4.41	0.0	2.56e-04	0.0	0.0
84	202	8.26	0.0	0.01	-9.58	0.0	-0.05	0.0	0.0	3.36e-05	0.0	8.26
		0.0	0.0	4.87e-06	0.0	172.5	-0.05	-9.58	0.0	3.36e-05	0.0	0.0
84	206	6.89	0.0	9.92e-03	-7.99	0.0	0.11	0.0	0.0	-3.41e-04	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	0.11	-7.99	0.0	-3.41e-04	0.0	0.0
84	222	6.41	0.0	9.23e-03	-7.43	0.0	0.13	0.0	0.0	-4.01e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.13	-7.43	0.0	-4.01e-04	0.0	0.0
84	223	2.12	0.0	3.05e-03	-2.46	0.0	0.03	0.0	0.0	-1.75e-05	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.03	-2.46	0.0	-1.75e-05	0.0	0.0
84	225	2.84	0.0	4.09e-03	-3.29	0.0	0.04	0.0	0.0	-5.17e-05	0.0	2.84
		0.0	0.0	1.02e-06	0.0	172.5	0.04	-3.29	0.0	-5.17e-05	0.0	0.0
84	226	6.41	0.0	9.23e-03	-7.43	0.0	0.06	0.0	0.0	-2.30e-04	0.0	6.41
		0.0	0.0	1.10e-06	0.0	172.5	0.06	-7.43	0.0	-2.30e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
84	227	2.12	0.0	3.05e-03	-2.46	0.0	0.06	0.0	0.0	-1.06e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.06	-2.46	0.0	-1.06e-04	0.0	0.0
84	229	2.84	0.0	4.09e-03	-3.29	0.0	0.08	0.0	0.0	-1.40e-04	0.0	2.84
		0.0	0.0	0.0	0.0	172.5	0.08	-3.29	0.0	-1.40e-04	0.0	0.0
84	230	6.41	0.0	9.23e-03	-7.43	0.0	0.10	0.0	0.0	-3.18e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.10	-7.43	0.0	-3.18e-04	0.0	0.0
85	4	13.05	0.0	0.02	-15.13	0.0	0.20	0.0	0.0	6.36e-04	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	0.20	-15.13	0.0	6.36e-04	0.0	0.0
85	49	2.12	0.0	3.06e-03	-2.46	0.0	-0.20	0.0	0.0	1.97e-04	0.0	2.12
		0.0	0.0	-2.63e-06	0.0	172.5	-0.20	-2.46	0.0	1.97e-04	0.0	0.0
85	68	11.97	0.0	0.02	-13.88	0.0	0.44	0.0	0.0	1.21e-03	0.0	11.97
		0.0	0.0	7.08e-06	0.0	172.5	0.44	-13.88	0.0	1.21e-03	0.0	0.0
85	69	2.12	0.0	3.05e-03	-2.46	0.0	0.33	0.0	0.0	7.27e-04	0.0	2.12
		0.0	0.0	6.98e-06	0.0	172.5	0.33	-2.46	0.0	7.27e-04	0.0	0.0
85	72	11.34	0.0	0.02	-13.14	0.0	0.42	0.0	0.0	1.18e-03	0.0	11.34
		0.0	0.0	7.07e-06	0.0	172.5	0.42	-13.14	0.0	1.18e-03	0.0	0.0
85	86	9.45	0.0	0.01	-10.96	0.0	-0.13	0.0	0.0	-1.96e-04	0.0	9.45
		0.0	0.0	-6.90e-06	0.0	172.5	-0.13	-10.96	0.0	-1.96e-04	0.0	0.0
85	102	6.43	0.0	9.24e-03	-7.43	0.0	-0.27	-4.82e-03	0.13	-2.36e-03	-0.15	6.43
		0.0	-0.15	4.35e-05	0.0	172.5	-0.27	-7.44	0.13	-2.36e-03	0.0	0.0
85	103	6.40	0.15	9.24e-03	-7.43	0.0	0.47	4.82e-03	-0.13	2.99e-03	0.15	6.40
		0.0	0.0	-4.34e-05	0.0	172.5	0.47	-7.43	-0.13	2.99e-03	0.0	0.0
85	109	6.37	0.64	9.22e-03	-7.43	0.0	0.30	0.02	-0.37	6.15e-03	0.64	6.37
		0.0	0.0	3.45e-04	0.0	172.5	0.30	-7.41	-0.37	6.15e-03	0.0	0.0
85	112	6.45	0.0	9.26e-03	-7.43	0.0	-0.10	-0.02	0.37	-5.52e-03	-0.64	6.45
		0.0	-0.64	-3.45e-04	0.0	172.5	-0.10	-7.46	0.37	-5.52e-03	0.0	0.0
85	113	6.38	0.64	9.21e-03	-7.43	0.0	0.27	0.02	-0.36	5.52e-03	0.64	6.38
		0.0	0.0	3.95e-04	0.0	172.5	0.27	-7.41	-0.36	5.52e-03	0.0	0.0
85	114	6.45	0.0	9.26e-03	-7.43	0.0	-0.25	-0.02	0.37	-5.50e-03	-0.62	6.45
		0.0	-0.62	-3.19e-04	0.0	172.5	-0.25	-7.45	0.37	-5.50e-03	0.0	0.0
85	134	6.42	0.0	9.24e-03	-7.43	0.0	-0.10	-2.66e-03	0.07	-1.12e-03	-0.08	6.42
		0.0	-0.08	2.31e-05	0.0	172.5	-0.10	-7.44	0.07	-1.12e-03	0.0	0.0
85	135	6.40	0.08	9.24e-03	-7.43	0.0	0.30	2.66e-03	-0.07	1.75e-03	0.08	6.40
		0.0	0.0	-2.31e-05	0.0	172.5	0.30	-7.43	-0.07	1.75e-03	0.0	0.0
85	141	6.39	0.34	9.23e-03	-7.43	0.0	0.20	0.01	-0.20	3.44e-03	0.34	6.39
		0.0	0.0	1.84e-04	0.0	172.5	0.20	-7.42	-0.20	3.44e-03	0.0	0.0
85	144	6.43	0.0	9.25e-03	-7.43	0.0	-5.45e-03	-0.01	0.20	-2.81e-03	-0.34	6.43
		0.0	-0.34	-1.84e-04	0.0	172.5	-5.45e-03	-7.45	0.20	-2.81e-03	0.0	0.0
85	145	6.39	0.34	9.23e-03	-7.43	0.0	0.19	0.01	-0.19	3.11e-03	0.34	6.39
		0.0	0.0	2.11e-04	0.0	172.5	0.19	-7.42	-0.19	3.11e-03	0.0	0.0
85	146	6.43	0.0	9.25e-03	-7.43	0.0	-0.09	-0.01	0.20	-2.80e-03	-0.33	6.43
		0.0	-0.33	-1.70e-04	0.0	172.5	-0.09	-7.45	0.20	-2.80e-03	0.0	0.0
85	160	8.98	0.0	0.01	-10.42	0.0	0.14	0.0	0.0	4.38e-04	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	0.14	-10.42	0.0	4.38e-04	0.0	0.0
85	179	2.12	0.0	3.06e-03	-2.46	0.0	-0.11	0.0	0.0	1.67e-04	0.0	2.12
		0.0	0.0	-1.74e-06	0.0	172.5	-0.11	-2.46	0.0	1.67e-04	0.0	0.0
85	189	2.12	0.0	3.05e-03	-2.46	0.0	0.24	0.0	0.0	5.19e-04	0.0	2.12
		0.0	0.0	4.67e-06	0.0	172.5	0.24	-2.46	0.0	5.19e-04	0.0	0.0
85	192	8.26	0.0	0.01	-9.58	0.0	0.30	0.0	0.0	8.19e-04	0.0	8.26
		0.0	0.0	4.72e-06	0.0	172.5	0.30	-9.58	0.0	8.19e-04	0.0	0.0
85	200	6.58	0.0	9.49e-03	-7.63	0.0	-0.08	0.0	0.0	-1.17e-04	0.0	6.58
		0.0	0.0	-4.60e-06	0.0	172.5	-0.08	-7.63	0.0	-1.17e-04	0.0	0.0
85	206	6.89	0.0	9.93e-03	-7.99	0.0	0.11	0.0	0.0	3.38e-04	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	0.11	-7.99	0.0	3.38e-04	0.0	0.0
85	209	6.14	0.0	8.84e-03	-7.12	0.0	0.09	0.0	0.0	3.03e-04	0.0	6.14
		0.0	0.0	0.0	0.0	172.5	0.09	-7.12	0.0	3.03e-04	0.0	0.0
85	215	2.12	0.0	3.06e-03	-2.46	0.0	0.03	0.0	0.0	1.17e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.03	-2.46	0.0	1.17e-04	0.0	0.0
85	219	2.12	0.0	3.06e-03	-2.46	0.0	0.10	0.0	0.0	1.88e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.10	-2.46	0.0	1.88e-04	0.0	0.0
85	222	6.41	0.0	9.24e-03	-7.43	0.0	0.13	0.0	0.0	3.98e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.13	-7.43	0.0	3.98e-04	0.0	0.0
85	227	2.12	0.0	3.06e-03	-2.46	0.0	0.06	0.0	0.0	1.05e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.06	-2.46	0.0	1.05e-04	0.0	0.0
85	228	5.69	0.0	8.20e-03	-6.60	0.0	0.08	0.0	0.0	2.81e-04	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	0.08	-6.60	0.0	2.81e-04	0.0	0.0
85	230	6.41	0.0	9.24e-03	-7.43	0.0	0.10	0.0	0.0	3.15e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.10	-7.43	0.0	3.15e-04	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
86	4	12.86	0.0	0.02	-15.02	0.0	2.29	0.0	0.0	0.03	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	2.29	-15.02	0.0	0.03	0.0	0.0
86	49	2.09	0.0	3.05e-03	-2.44	0.0	0.25	0.0	0.0	0.01	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.25	-2.44	0.0	0.01	0.0	0.0
86	55	6.26	0.0	9.00e-03	-7.32	0.0	1.35	0.0	0.0	0.03	0.0	6.26
		0.0	0.0	1.16e-05	0.0	171.2	1.35	-7.32	0.0	0.03	0.0	0.0
86	56	12.86	0.0	0.02	-15.02	0.0	2.36	0.0	0.0	0.05	0.0	12.86
		0.0	0.0	1.21e-05	0.0	171.2	2.36	-15.02	0.0	0.05	0.0	0.0
86	72	11.17	0.0	0.02	-13.05	0.0	2.07	0.0	0.0	0.06	0.0	11.17
		0.0	0.0	1.95e-05	0.0	171.2	2.07	-13.05	0.0	0.06	0.0	0.0
86	85	2.72	0.0	3.94e-03	-3.17	0.0	0.45	0.0	0.0	-0.03	0.0	2.72
		0.0	0.0	-1.88e-05	0.0	171.2	0.45	-3.17	0.0	-0.03	0.0	0.0
86	102	6.31	0.0	9.13e-03	-7.38	0.0	0.77	4.67e-03	0.13	3.19e-04	-0.22	6.31
		0.0	-0.22	-6.17e-05	0.0	171.2	0.77	-7.38	0.13	3.19e-04	0.0	0.0
86	103	6.33	0.22	9.09e-03	-7.38	0.0	1.52	-4.67e-03	-0.13	0.03	0.22	6.33
		0.0	0.0	6.26e-05	0.0	171.2	1.52	-7.38	-0.13	0.03	0.0	0.0
86	109	6.34	0.85	8.98e-03	-7.38	0.0	1.14	-0.01	-0.50	0.07	0.85	6.34
		0.0	0.0	5.64e-04	0.0	171.2	1.14	-7.39	-0.50	0.07	0.0	0.0
86	112	6.30	0.0	9.24e-03	-7.38	0.0	1.15	0.01	0.50	-0.04	-0.85	6.30
		0.0	-0.85	-5.63e-04	0.0	171.2	1.15	-7.37	0.50	-0.04	0.0	0.0
86	115	6.34	0.82	8.99e-03	-7.38	0.0	1.33	-0.01	-0.48	0.06	0.82	6.34
		0.0	0.0	5.42e-04	0.0	171.2	1.33	-7.39	-0.48	0.06	0.0	0.0
86	134	6.31	0.0	9.12e-03	-7.38	0.0	0.95	2.61e-03	0.07	6.44e-03	-0.12	6.31
		0.0	-0.12	-3.27e-05	0.0	171.2	0.95	-7.38	0.07	6.44e-03	0.0	0.0
86	135	6.32	0.12	9.10e-03	-7.38	0.0	1.35	-2.61e-03	-0.07	0.02	0.12	6.32
		0.0	0.0	3.35e-05	0.0	171.2	1.35	-7.38	-0.07	0.02	0.0	0.0
86	141	6.33	0.45	9.04e-03	-7.38	0.0	1.15	-6.71e-03	-0.26	0.04	0.45	6.33
		0.0	0.0	3.01e-04	0.0	171.2	1.15	-7.39	-0.26	0.04	0.0	0.0
86	144	6.31	0.0	9.18e-03	-7.38	0.0	1.15	6.71e-03	0.26	-0.02	-0.45	6.31
		0.0	-0.45	-3.00e-04	0.0	171.2	1.15	-7.37	0.26	-0.02	0.0	0.0
86	147	6.33	0.44	9.05e-03	-7.38	0.0	1.25	-7.01e-03	-0.26	0.04	0.44	6.33
		0.0	0.0	2.89e-04	0.0	171.2	1.25	-7.39	-0.26	0.04	0.0	0.0
86	160	8.85	0.0	0.01	-10.34	0.0	1.59	0.0	0.0	0.02	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	1.59	-10.34	0.0	0.02	0.0	0.0
86	179	2.09	0.0	3.04e-03	-2.44	0.0	0.32	0.0	0.0	8.52e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.32	-2.44	0.0	8.52e-03	0.0	0.0
86	185	4.46	0.0	6.40e-03	-5.20	0.0	0.96	0.0	0.0	0.02	0.0	4.46
		0.0	0.0	7.77e-06	0.0	171.2	0.96	-5.20	0.0	0.02	0.0	0.0
86	186	8.85	0.0	0.01	-10.34	0.0	1.64	0.0	0.0	0.03	0.0	8.85
		0.0	0.0	8.09e-06	0.0	171.2	1.64	-10.34	0.0	0.03	0.0	0.0
86	192	8.14	0.0	0.01	-9.51	0.0	1.54	0.0	0.0	0.04	0.0	8.14
		0.0	0.0	1.31e-05	0.0	171.2	1.54	-9.51	0.0	0.04	0.0	0.0
86	199	2.09	0.0	3.03e-03	-2.44	0.0	0.37	0.0	0.0	-0.02	0.0	2.09
		0.0	0.0	-1.25e-05	0.0	171.2	0.37	-2.44	0.0	-0.02	0.0	0.0
86	205	3.27	0.0	4.72e-03	-3.82	0.0	0.69	0.0	0.0	6.92e-03	0.0	3.27
		0.0	0.0	0.0	0.0	171.2	0.69	-3.82	0.0	6.92e-03	0.0	0.0
86	206	6.79	0.0	9.79e-03	-7.93	0.0	1.24	0.0	0.0	0.01	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	1.24	-7.93	0.0	0.01	0.0	0.0
86	215	2.09	0.0	3.02e-03	-2.44	0.0	0.45	0.0	0.0	5.35e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.45	-2.44	0.0	5.35e-03	0.0	0.0
86	222	6.32	0.0	9.10e-03	-7.38	0.0	1.17	0.0	0.0	0.02	0.0	6.32
		0.0	0.0	2.93e-06	0.0	171.2	1.17	-7.38	0.0	0.02	0.0	0.0
86	223	2.09	0.0	3.02e-03	-2.44	0.0	0.45	0.0	0.0	1.78e-04	0.0	2.09
		0.0	0.0	-2.39e-06	0.0	171.2	0.45	-2.44	0.0	1.78e-04	0.0	0.0
86	227	2.09	0.0	3.01e-03	-2.44	0.0	0.48	0.0	0.0	4.56e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.48	-2.44	0.0	4.56e-03	0.0	0.0
86	229	2.80	0.0	4.04e-03	-3.27	0.0	0.61	0.0	0.0	5.97e-03	0.0	2.80
		0.0	0.0	0.0	0.0	171.2	0.61	-3.27	0.0	5.97e-03	0.0	0.0
86	230	6.32	0.0	9.11e-03	-7.38	0.0	1.15	0.0	0.0	0.01	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	1.15	-7.38	0.0	0.01	0.0	0.0
87	4	12.86	0.0	0.02	-15.02	0.0	2.29	0.0	0.0	0.03	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	2.29	-15.02	0.0	0.03	0.0	0.0
87	25	2.09	0.0	2.89e-03	-2.44	0.0	0.25	0.0	0.0	0.01	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.25	-2.44	0.0	0.01	0.0	0.0
87	68	11.80	0.0	0.02	-13.78	0.0	1.93	0.0	0.0	-7.94e-03	0.0	11.80
		0.0	0.0	-1.82e-05	0.0	171.2	1.93	-13.78	0.0	-7.94e-03	0.0	0.0
87	76	12.86	0.0	0.02	-15.02	0.0	2.36	0.0	0.0	0.05	0.0	12.86
		0.0	0.0	1.21e-05	0.0	171.2	2.36	-15.02	0.0	0.05	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
87	89	2.09	0.0	2.96e-03	-2.44	0.0	0.60	0.0	0.0	0.04	0.0	2.09
		0.0	0.0	1.89e-05	0.0	171.2	0.60	-2.44	0.0	0.04	0.0	0.0
87	90	8.69	0.0	0.01	-10.15	0.0	1.62	0.0	0.0	0.05	0.0	8.69
		0.0	0.0	1.94e-05	0.0	171.2	1.62	-10.15	0.0	0.05	0.0	0.0
87	93	6.33	0.07	8.80e-03	-7.38	0.0	0.79	-4.21e-03	-0.04	4.73e-03	0.07	6.33
		0.0	0.0	-3.58e-05	0.0	171.2	0.79	-7.38	-0.04	4.73e-03	0.0	0.0
87	96	6.31	0.0	8.86e-03	-7.38	0.0	1.51	4.21e-03	0.04	0.02	-0.07	6.31
		0.0	-0.07	3.65e-05	0.0	171.2	1.51	-7.38	0.04	0.02	0.0	0.0
87	117	6.34	0.82	8.75e-03	-7.38	0.0	1.00	0.01	-0.48	-0.04	0.82	6.34
		0.0	0.0	1.29e-03	0.0	171.2	1.00	-7.37	-0.48	-0.04	0.0	0.0
87	121	6.34	0.85	8.74e-03	-7.38	0.0	1.03	0.01	-0.50	-0.04	0.85	6.34
		0.0	0.0	1.35e-03	0.0	171.2	1.03	-7.37	-0.50	-0.04	0.0	0.0
87	124	6.30	0.0	8.92e-03	-7.38	0.0	1.27	-0.01	0.50	0.07	-0.85	6.30
		0.0	-0.85	-1.35e-03	0.0	171.2	1.27	-7.39	0.50	0.07	0.0	0.0
87	125	6.32	0.04	8.82e-03	-7.38	0.0	0.96	-2.39e-03	-0.02	8.74e-03	0.04	6.32
		0.0	0.0	-1.77e-05	0.0	171.2	0.96	-7.38	-0.02	8.74e-03	0.0	0.0
87	128	6.32	0.0	8.85e-03	-7.38	0.0	1.34	2.39e-03	0.02	0.02	-0.04	6.32
		0.0	-0.04	1.84e-05	0.0	171.2	1.34	-7.38	0.02	0.02	0.0	0.0
87	149	6.33	0.44	8.79e-03	-7.38	0.0	1.07	6.65e-03	-0.26	-0.01	0.44	6.33
		0.0	0.0	6.88e-04	0.0	171.2	1.07	-7.37	-0.26	-0.01	0.0	0.0
87	153	6.33	0.45	8.79e-03	-7.38	0.0	1.08	6.95e-03	-0.26	-0.02	0.45	6.33
		0.0	0.0	7.18e-04	0.0	171.2	1.08	-7.37	-0.26	-0.02	0.0	0.0
87	156	6.31	0.0	8.88e-03	-7.38	0.0	1.21	-6.95e-03	0.26	0.04	-0.45	6.31
		0.0	-0.45	-7.18e-04	0.0	171.2	1.21	-7.39	0.26	0.04	0.0	0.0
87	160	8.85	0.0	0.01	-10.34	0.0	1.59	0.0	0.0	0.02	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	1.59	-10.34	0.0	0.02	0.0	0.0
87	167	2.09	0.0	2.90e-03	-2.44	0.0	0.32	0.0	0.0	8.52e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.32	-2.44	0.0	8.52e-03	0.0	0.0
87	192	8.14	0.0	0.01	-9.51	0.0	1.35	0.0	0.0	-4.69e-03	0.0	8.14
		0.0	0.0	-1.21e-05	0.0	171.2	1.35	-9.51	0.0	-4.69e-03	0.0	0.0
87	196	8.85	0.0	0.01	-10.34	0.0	1.64	0.0	0.0	0.03	0.0	8.85
		0.0	0.0	8.09e-06	0.0	171.2	1.64	-10.34	0.0	0.03	0.0	0.0
87	199	2.09	0.0	2.95e-03	-2.44	0.0	0.56	0.0	0.0	0.03	0.0	2.09
		0.0	0.0	1.26e-05	0.0	171.2	0.56	-2.44	0.0	0.03	0.0	0.0
87	200	6.49	0.0	9.10e-03	-7.58	0.0	1.24	0.0	0.0	0.04	0.0	6.49
		0.0	0.0	1.30e-05	0.0	171.2	1.24	-7.58	0.0	0.04	0.0	0.0
87	206	6.79	0.0	9.49e-03	-7.93	0.0	1.24	0.0	0.0	0.01	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	1.24	-7.93	0.0	0.01	0.0	0.0
87	211	2.09	0.0	2.92e-03	-2.44	0.0	0.45	0.0	0.0	5.35e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.45	-2.44	0.0	5.35e-03	0.0	0.0
87	222	6.32	0.0	8.83e-03	-7.38	0.0	1.13	0.0	0.0	9.06e-03	0.0	6.32
		0.0	0.0	-2.10e-06	0.0	171.2	1.13	-7.38	0.0	9.06e-03	0.0	0.0
87	223	2.09	0.0	2.93e-03	-2.44	0.0	0.49	0.0	0.0	8.79e-03	0.0	2.09
		0.0	0.0	2.64e-06	0.0	171.2	0.49	-2.44	0.0	8.79e-03	0.0	0.0
87	224	5.61	0.0	7.85e-03	-6.55	0.0	1.03	0.0	0.0	0.02	0.0	5.61
		0.0	0.0	2.90e-06	0.0	171.2	1.03	-6.55	0.0	0.02	0.0	0.0
87	227	2.09	0.0	2.92e-03	-2.44	0.0	0.48	0.0	0.0	4.56e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.48	-2.44	0.0	4.56e-03	0.0	0.0
87	228	5.61	0.0	7.84e-03	-6.55	0.0	1.02	0.0	0.0	0.01	0.0	5.61
		0.0	0.0	0.0	0.0	171.2	1.02	-6.55	0.0	0.01	0.0	0.0
87	230	6.32	0.0	8.83e-03	-7.38	0.0	1.15	0.0	0.0	0.01	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	1.15	-7.38	0.0	0.01	0.0	0.0
88	4	13.05	0.0	0.02	-15.13	0.0	0.20	0.0	0.0	6.36e-04	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	0.20	-15.13	0.0	6.36e-04	0.0	0.0
88	25	2.12	0.0	3.05e-03	-2.46	0.0	-0.20	0.0	0.0	1.97e-04	0.0	2.12
		0.0	0.0	-2.63e-06	0.0	172.5	-0.20	-2.46	0.0	1.97e-04	0.0	0.0
88	26	8.82	0.0	0.01	-10.22	0.0	-0.16	0.0	0.0	5.29e-04	0.0	8.82
		0.0	0.0	-2.58e-06	0.0	172.5	-0.16	-10.22	0.0	5.29e-04	0.0	0.0
88	68	11.97	0.0	0.02	-13.88	0.0	-0.07	0.0	0.0	-7.74e-05	0.0	11.97
		0.0	0.0	-6.87e-06	0.0	172.5	-0.07	-13.88	0.0	-7.74e-05	0.0	0.0
88	88	11.97	0.0	0.02	-13.88	0.0	0.44	0.0	0.0	1.21e-03	0.0	11.97
		0.0	0.0	7.07e-06	0.0	172.5	0.44	-13.88	0.0	1.21e-03	0.0	0.0
88	89	2.12	0.0	3.06e-03	-2.46	0.0	0.33	0.0	0.0	7.27e-04	0.0	2.12
		0.0	0.0	6.98e-06	0.0	172.5	0.33	-2.46	0.0	7.27e-04	0.0	0.0
88	93	6.42	0.17	9.23e-03	-7.43	0.0	-0.37	-4.46e-03	-0.10	2.64e-03	0.17	6.42
		0.0	0.0	-4.13e-05	0.0	172.5	-0.37	-7.44	-0.10	2.64e-03	0.0	0.0
88	96	6.40	0.0	9.23e-03	-7.43	0.0	0.57	4.46e-03	0.10	-2.01e-03	-0.17	6.40
		0.0	-0.17	4.14e-05	0.0	172.5	0.57	-7.43	0.10	-2.01e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
88	119	6.45	0.62	9.28e-03	-7.43	0.0	0.02	-0.02	-0.36	-5.50e-03	0.62	6.45
		0.0	0.0	1.11e-03	0.0	172.5	0.02	-7.46	-0.36	-5.50e-03	0.0	0.0
88	121	6.45	0.64	9.28e-03	-7.43	0.0	-0.20	-0.02	-0.37	-5.52e-03	0.64	6.45
		0.0	0.0	1.12e-03	0.0	172.5	-0.20	-7.46	-0.37	-5.52e-03	0.0	0.0
88	124	6.37	0.0	9.18e-03	-7.43	0.0	0.39	0.02	0.37	6.15e-03	-0.64	6.37
		0.0	-0.64	-1.12e-03	0.0	172.5	0.39	-7.41	0.37	6.15e-03	0.0	0.0
88	125	6.42	0.09	9.23e-03	-7.43	0.0	-0.15	-2.49e-03	-0.05	1.56e-03	0.09	6.42
		0.0	0.0	-2.18e-05	0.0	172.5	-0.15	-7.44	-0.05	1.56e-03	0.0	0.0
88	128	6.41	0.0	9.23e-03	-7.43	0.0	0.35	2.49e-03	0.05	-9.33e-04	-0.09	6.41
		0.0	-0.09	2.18e-05	0.0	172.5	0.35	-7.43	0.05	-9.33e-04	0.0	0.0
88	151	6.43	0.33	9.26e-03	-7.43	0.0	0.06	-0.01	-0.19	-2.80e-03	0.33	6.43
		0.0	0.0	5.89e-04	0.0	172.5	0.06	-7.45	-0.19	-2.80e-03	0.0	0.0
88	153	6.43	0.34	9.26e-03	-7.43	0.0	-0.06	-0.01	-0.20	-2.81e-03	0.34	6.43
		0.0	0.0	5.98e-04	0.0	172.5	-0.06	-7.45	-0.20	-2.81e-03	0.0	0.0
88	156	6.39	0.0	9.21e-03	-7.43	0.0	0.26	0.01	0.20	3.44e-03	-0.34	6.39
		0.0	-0.34	-5.98e-04	0.0	172.5	0.26	-7.42	0.20	3.44e-03	0.0	0.0
88	160	8.98	0.0	0.01	-10.42	0.0	0.14	0.0	0.0	4.38e-04	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	0.14	-10.42	0.0	4.38e-04	0.0	0.0
88	167	2.12	0.0	3.05e-03	-2.46	0.0	-0.11	0.0	0.0	1.67e-04	0.0	2.12
		0.0	0.0	-1.74e-06	0.0	172.5	-0.11	-2.46	0.0	1.67e-04	0.0	0.0
88	168	6.58	0.0	9.48e-03	-7.63	0.0	-0.09	0.0	0.0	3.87e-04	0.0	6.58
		0.0	0.0	-1.71e-06	0.0	172.5	-0.09	-7.63	0.0	3.87e-04	0.0	0.0
88	192	8.26	0.0	0.01	-9.58	0.0	-0.04	0.0	0.0	-3.78e-05	0.0	8.26
		0.0	0.0	-4.58e-06	0.0	172.5	-0.04	-9.58	0.0	-3.78e-05	0.0	0.0
88	199	2.12	0.0	3.06e-03	-2.46	0.0	0.24	0.0	0.0	5.19e-04	0.0	2.12
		0.0	0.0	4.67e-06	0.0	172.5	0.24	-2.46	0.0	5.19e-04	0.0	0.0
88	202	8.26	0.0	0.01	-9.58	0.0	0.30	0.0	0.0	8.19e-04	0.0	8.26
		0.0	0.0	4.72e-06	0.0	172.5	0.30	-9.58	0.0	8.19e-04	0.0	0.0
88	206	6.89	0.0	9.92e-03	-7.99	0.0	0.11	0.0	0.0	3.38e-04	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	0.11	-7.99	0.0	3.38e-04	0.0	0.0
88	209	6.14	0.0	8.84e-03	-7.12	0.0	0.09	0.0	0.0	3.03e-04	0.0	6.14
		0.0	0.0	0.0	0.0	172.5	0.09	-7.12	0.0	3.03e-04	0.0	0.0
88	211	2.12	0.0	3.05e-03	-2.46	0.0	0.03	0.0	0.0	1.17e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.03	-2.46	0.0	1.17e-04	0.0	0.0
88	222	6.41	0.0	9.23e-03	-7.43	0.0	0.07	0.0	0.0	2.27e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.07	-7.43	0.0	2.27e-04	0.0	0.0
88	223	2.12	0.0	3.06e-03	-2.46	0.0	0.10	0.0	0.0	1.88e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.10	-2.46	0.0	1.88e-04	0.0	0.0
88	226	6.41	0.0	9.23e-03	-7.43	0.0	0.13	0.0	0.0	3.98e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.13	-7.43	0.0	3.98e-04	0.0	0.0
88	227	2.12	0.0	3.05e-03	-2.46	0.0	0.06	0.0	0.0	1.05e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.06	-2.46	0.0	1.05e-04	0.0	0.0
88	228	5.69	0.0	8.20e-03	-6.60	0.0	0.08	0.0	0.0	2.81e-04	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	0.08	-6.60	0.0	2.81e-04	0.0	0.0
88	230	6.41	0.0	9.23e-03	-7.43	0.0	0.10	0.0	0.0	3.15e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.10	-7.43	0.0	3.15e-04	0.0	0.0
89	4	13.05	0.0	0.02	-15.13	0.0	0.20	0.0	0.0	-6.43e-04	0.0	13.05
		0.0	0.0	0.0	0.0	172.5	0.20	-15.13	0.0	-6.43e-04	0.0	0.0
89	6	8.82	0.0	0.01	-10.22	0.0	0.10	0.0	0.0	-4.40e-04	0.0	8.82
		0.0	0.0	0.0	0.0	172.5	0.10	-10.22	0.0	-4.40e-04	0.0	0.0
89	67	5.28	0.0	7.61e-03	-6.12	0.0	-0.12	0.0	0.0	4.05e-04	0.0	5.28
		0.0	0.0	7.13e-06	0.0	172.5	-0.12	-6.12	0.0	4.05e-04	0.0	0.0
89	69	2.12	0.0	3.06e-03	-2.46	0.0	-0.20	0.0	0.0	5.57e-04	0.0	2.12
		0.0	0.0	7.04e-06	0.0	172.5	-0.20	-2.46	0.0	5.57e-04	0.0	0.0
89	88	11.97	0.0	0.02	-13.88	0.0	0.45	0.0	0.0	-1.21e-03	0.0	11.97
		0.0	0.0	-6.71e-06	0.0	172.5	0.45	-13.88	0.0	-1.21e-03	0.0	0.0
89	90	8.82	0.0	0.01	-10.22	0.0	0.37	0.0	0.0	-1.06e-03	0.0	8.82
		0.0	0.0	-6.80e-06	0.0	172.5	0.37	-10.22	0.0	-1.06e-03	0.0	0.0
89	93	6.42	0.23	9.24e-03	-7.43	0.0	-0.44	-7.62e-03	-0.13	2.58e-03	0.23	6.42
		0.0	0.0	6.78e-05	0.0	172.5	-0.44	-7.44	-0.13	2.58e-03	0.0	0.0
89	96	6.40	0.0	9.23e-03	-7.43	0.0	0.63	7.62e-03	0.13	-3.21e-03	-0.23	6.40
		0.0	-0.23	-6.75e-05	0.0	172.5	0.63	-7.43	0.13	-3.21e-03	0.0	0.0
89	109	6.45	0.64	9.26e-03	-7.43	0.0	-0.28	-0.02	-0.37	5.61e-03	0.64	6.45
		0.0	0.0	3.45e-04	0.0	172.5	-0.28	-7.46	-0.37	5.61e-03	0.0	0.0
89	111	6.45	0.62	9.26e-03	-7.43	0.0	-6.21e-03	-0.02	-0.36	4.87e-03	0.62	6.45
		0.0	0.0	3.69e-04	0.0	172.5	-6.21e-03	-7.46	-0.36	4.87e-03	0.0	0.0
89	112	6.38	0.0	9.22e-03	-7.43	0.0	0.48	0.02	0.37	-6.24e-03	-0.64	6.38
		0.0	-0.64	-3.45e-04	0.0	172.5	0.48	-7.41	0.37	-6.24e-03	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
89	125	6.42	0.12	9.24e-03	-7.43	0.0	-0.19	-4.21e-03	-0.07	1.23e-03	0.12	6.42
		0.0	0.0	3.64e-05	0.0	172.5	-0.19	-7.44	-0.07	1.23e-03	0.0	0.0
89	128	6.41	0.0	9.24e-03	-7.43	0.0	0.38	4.21e-03	0.07	-1.87e-03	-0.12	6.41
		0.0	-0.12	-3.60e-05	0.0	172.5	0.38	-7.43	0.07	-1.87e-03	0.0	0.0
89	141	6.43	0.34	9.25e-03	-7.43	0.0	-0.10	-0.01	-0.20	2.86e-03	0.34	6.43
		0.0	0.0	1.85e-04	0.0	172.5	-0.10	-7.45	-0.20	2.86e-03	0.0	0.0
89	143	6.43	0.33	9.25e-03	-7.43	0.0	0.04	-0.01	-0.19	2.47e-03	0.33	6.43
		0.0	0.0	1.97e-04	0.0	172.5	0.04	-7.45	-0.19	2.47e-03	0.0	0.0
89	144	6.39	0.0	9.23e-03	-7.43	0.0	0.30	0.01	0.20	-3.50e-03	-0.34	6.39
		0.0	-0.34	-1.84e-04	0.0	172.5	0.30	-7.42	0.20	-3.50e-03	0.0	0.0
89	158	6.58	0.0	9.49e-03	-7.63	0.0	0.09	0.0	0.0	-3.29e-04	0.0	6.58
		0.0	0.0	0.0	0.0	172.5	0.09	-7.63	0.0	-3.29e-04	0.0	0.0
89	160	8.98	0.0	0.01	-10.42	0.0	0.14	0.0	0.0	-4.43e-04	0.0	8.98
		0.0	0.0	0.0	0.0	172.5	0.14	-10.42	0.0	-4.43e-04	0.0	0.0
89	189	2.12	0.0	3.06e-03	-2.46	0.0	-0.11	0.0	0.0	3.36e-04	0.0	2.12
		0.0	0.0	4.72e-06	0.0	172.5	-0.11	-2.46	0.0	3.36e-04	0.0	0.0
89	191	3.80	0.0	5.48e-03	-4.41	0.0	-0.07	0.0	0.0	2.56e-04	0.0	3.80
		0.0	0.0	4.76e-06	0.0	172.5	-0.07	-4.41	0.0	2.56e-04	0.0	0.0
89	200	6.58	0.0	9.49e-03	-7.63	0.0	0.27	0.0	0.0	-7.43e-04	0.0	6.58
		0.0	0.0	-4.51e-06	0.0	172.5	0.27	-7.63	0.0	-7.43e-04	0.0	0.0
89	202	8.26	0.0	0.01	-9.58	0.0	0.31	0.0	0.0	-8.22e-04	0.0	8.26
		0.0	0.0	-4.46e-06	0.0	172.5	0.31	-9.58	0.0	-8.22e-04	0.0	0.0
89	206	6.89	0.0	9.93e-03	-7.99	0.0	0.11	0.0	0.0	-3.41e-04	0.0	6.89
		0.0	0.0	0.0	0.0	172.5	0.11	-7.99	0.0	-3.41e-04	0.0	0.0
89	209	6.14	0.0	8.84e-03	-7.12	0.0	0.08	0.0	0.0	-3.06e-04	0.0	6.14
		0.0	0.0	0.0	0.0	172.5	0.08	-7.12	0.0	-3.06e-04	0.0	0.0
89	219	2.12	0.0	3.06e-03	-2.46	0.0	0.03	0.0	0.0	-1.75e-05	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.03	-2.46	0.0	-1.75e-05	0.0	0.0
89	221	2.84	0.0	4.09e-03	-3.29	0.0	0.04	0.0	0.0	-5.17e-05	0.0	2.84
		0.0	0.0	1.02e-06	0.0	172.5	0.04	-3.29	0.0	-5.17e-05	0.0	0.0
89	224	5.69	0.0	8.20e-03	-6.60	0.0	0.12	0.0	0.0	-3.67e-04	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	0.12	-6.60	0.0	-3.67e-04	0.0	0.0
89	226	6.41	0.0	9.24e-03	-7.43	0.0	0.13	0.0	0.0	-4.01e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.13	-7.43	0.0	-4.01e-04	0.0	0.0
89	227	2.12	0.0	3.06e-03	-2.46	0.0	0.06	0.0	0.0	-1.06e-04	0.0	2.12
		0.0	0.0	0.0	0.0	172.5	0.06	-2.46	0.0	-1.06e-04	0.0	0.0
89	228	5.69	0.0	8.20e-03	-6.60	0.0	0.08	0.0	0.0	-2.84e-04	0.0	5.69
		0.0	0.0	0.0	0.0	172.5	0.08	-6.60	0.0	-2.84e-04	0.0	0.0
89	229	2.84	0.0	4.09e-03	-3.29	0.0	0.08	0.0	0.0	-1.40e-04	0.0	2.84
		0.0	0.0	0.0	0.0	172.5	0.08	-3.29	0.0	-1.40e-04	0.0	0.0
89	230	6.41	0.0	9.24e-03	-7.43	0.0	0.10	0.0	0.0	-3.18e-04	0.0	6.41
		0.0	0.0	0.0	0.0	172.5	0.10	-7.43	0.0	-3.18e-04	0.0	0.0
90	4	12.86	0.0	0.02	-15.02	0.0	2.28	0.0	0.0	-0.03	0.0	12.86
		0.0	0.0	0.0	0.0	171.2	2.28	-15.02	0.0	-0.03	0.0	0.0
90	49	2.09	0.0	3.04e-03	-2.44	0.0	0.27	0.0	0.0	-0.01	0.0	2.09
		0.0	0.0	-2.63e-06	0.0	171.2	0.27	-2.44	0.0	-0.01	0.0	0.0
90	65	2.72	0.0	3.94e-03	-3.17	0.0	0.43	0.0	0.0	0.03	0.0	2.72
		0.0	0.0	1.90e-05	0.0	171.2	0.43	-3.17	0.0	0.03	0.0	0.0
90	76	12.86	0.0	0.02	-15.02	0.0	2.36	0.0	0.0	-0.05	0.0	12.86
		0.0	0.0	-1.14e-05	0.0	171.2	2.36	-15.02	0.0	-0.05	0.0	0.0
90	85	2.72	0.0	3.88e-03	-3.17	0.0	0.76	0.0	0.0	-0.04	0.0	2.72
		0.0	0.0	-1.89e-05	0.0	171.2	0.76	-3.17	0.0	-0.04	0.0	0.0
90	92	11.17	0.0	0.02	-13.05	0.0	2.08	0.0	0.0	-0.06	0.0	11.17
		0.0	0.0	-1.89e-05	0.0	171.2	2.08	-13.05	0.0	-0.06	0.0	0.0
90	93	6.31	0.20	9.16e-03	-7.38	0.0	0.70	5.06e-03	-0.12	0.01	0.20	6.31
		0.0	0.0	1.36e-04	0.0	171.2	0.70	-7.38	-0.12	0.01	0.0	0.0
90	96	6.33	0.0	9.05e-03	-7.38	0.0	1.58	-5.06e-03	0.12	-0.04	-0.20	6.33
		0.0	-0.20	-1.36e-04	0.0	171.2	1.58	-7.39	0.12	-0.04	0.0	0.0
90	110	6.34	0.0	8.99e-03	-7.38	0.0	1.09	-0.01	0.50	-0.06	-0.85	6.34
		0.0	-0.85	-5.86e-04	0.0	171.2	1.09	-7.39	0.50	-0.06	0.0	0.0
90	111	6.30	0.85	9.23e-03	-7.38	0.0	1.20	0.01	-0.50	0.03	0.85	6.30
		0.0	0.0	5.86e-04	0.0	171.2	1.20	-7.37	-0.50	0.03	0.0	0.0
90	112	6.34	0.0	8.98e-03	-7.38	0.0	1.34	-0.01	0.48	-0.07	-0.82	6.34
		0.0	-0.82	-5.64e-04	0.0	171.2	1.34	-7.39	0.48	-0.07	0.0	0.0
90	113	6.30	0.82	9.23e-03	-7.38	0.0	0.97	0.01	-0.48	0.04	0.82	6.30
		0.0	0.0	6.09e-04	0.0	171.2	0.97	-7.37	-0.48	0.04	0.0	0.0
90	125	6.31	0.11	9.14e-03	-7.38	0.0	0.91	2.83e-03	-0.06	-3.58e-05	0.11	6.31
		0.0	0.0	7.26e-05	0.0	171.2	0.91	-7.38	-0.06	-3.58e-05	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
90	128	6.32	0.0	9.08e-03	-7.38	0.0	1.38	-2.83e-03	0.06	-0.03	-0.11	6.32
		0.0	-0.11	-7.27e-05	0.0	171.2	1.38	-7.38	0.06	-0.03	0.0	0.0
90	142	6.33	0.0	9.05e-03	-7.38	0.0	1.11	-6.84e-03	0.26	-0.04	-0.45	6.33
		0.0	-0.45	-3.12e-04	0.0	171.2	1.11	-7.39	0.26	-0.04	0.0	0.0
90	143	6.31	0.45	9.17e-03	-7.38	0.0	1.17	6.84e-03	-0.26	0.01	0.45	6.31
		0.0	0.0	3.12e-04	0.0	171.2	1.17	-7.37	-0.26	0.01	0.0	0.0
90	144	6.33	0.0	9.04e-03	-7.38	0.0	1.25	-7.27e-03	0.26	-0.04	-0.44	6.33
		0.0	-0.44	-3.01e-04	0.0	171.2	1.25	-7.39	0.26	-0.04	0.0	0.0
90	145	6.31	0.44	9.18e-03	-7.38	0.0	1.05	7.22e-03	-0.26	0.01	0.44	6.31
		0.0	0.0	3.24e-04	0.0	171.2	1.05	-7.37	-0.26	0.01	0.0	0.0
90	160	8.85	0.0	0.01	-10.34	0.0	1.58	0.0	0.0	-0.02	0.0	8.85
		0.0	0.0	0.0	0.0	171.2	1.58	-10.34	0.0	-0.02	0.0	0.0
90	179	2.09	0.0	3.03e-03	-2.44	0.0	0.34	0.0	0.0	-0.01	0.0	2.09
		0.0	0.0	-1.75e-06	0.0	171.2	0.34	-2.44	0.0	-0.01	0.0	0.0
90	189	2.09	0.0	3.03e-03	-2.44	0.0	0.35	0.0	0.0	0.02	0.0	2.09
		0.0	0.0	1.27e-05	0.0	171.2	0.35	-2.44	0.0	0.02	0.0	0.0
90	196	8.85	0.0	0.01	-10.34	0.0	1.64	0.0	0.0	-0.03	0.0	8.85
		0.0	0.0	-7.59e-06	0.0	171.2	1.64	-10.34	0.0	-0.03	0.0	0.0
90	199	2.09	0.0	2.99e-03	-2.44	0.0	0.57	0.0	0.0	-0.03	0.0	2.09
		0.0	0.0	-1.26e-05	0.0	171.2	0.57	-2.44	0.0	-0.03	0.0	0.0
90	202	8.14	0.0	0.01	-9.51	0.0	1.55	0.0	0.0	-0.04	0.0	8.14
		0.0	0.0	-1.26e-05	0.0	171.2	1.55	-9.51	0.0	-0.04	0.0	0.0
90	206	6.79	0.0	9.79e-03	-7.93	0.0	1.23	0.0	0.0	-0.01	0.0	6.79
		0.0	0.0	0.0	0.0	171.2	1.23	-7.93	0.0	-0.01	0.0	0.0
90	215	2.09	0.0	3.02e-03	-2.44	0.0	0.45	0.0	0.0	-5.70e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.45	-2.44	0.0	-5.70e-03	0.0	0.0
90	219	2.09	0.0	3.02e-03	-2.44	0.0	0.45	0.0	0.0	-1.80e-04	0.0	2.09
		0.0	0.0	2.53e-06	0.0	171.2	0.45	-2.44	0.0	-1.80e-04	0.0	0.0
90	223	2.09	0.0	3.01e-03	-2.44	0.0	0.49	0.0	0.0	-8.79e-03	0.0	2.09
		0.0	0.0	-2.52e-06	0.0	171.2	0.49	-2.44	0.0	-8.79e-03	0.0	0.0
90	226	6.32	0.0	9.10e-03	-7.38	0.0	1.16	0.0	0.0	-0.02	0.0	6.32
		0.0	0.0	-2.56e-06	0.0	171.2	1.16	-7.38	0.0	-0.02	0.0	0.0
90	227	2.09	0.0	3.01e-03	-2.44	0.0	0.48	0.0	0.0	-4.56e-03	0.0	2.09
		0.0	0.0	0.0	0.0	171.2	0.48	-2.44	0.0	-4.56e-03	0.0	0.0
90	230	6.32	0.0	9.11e-03	-7.38	0.0	1.14	0.0	0.0	-0.01	0.0	6.32
		0.0	0.0	0.0	0.0	171.2	1.14	-7.38	0.0	-0.01	0.0	0.0
Trave		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-17.50	-9.80	-0.02	-15.13		-9.15	-20.44	-11.37	-0.15		
		14.81	9.04	0.02	11.37		2.46	20.44	11.37	0.15		

14.4.9 Verifiche per elementi in acciaio

14.4.9.1 Legenda tabella verifiche per elementi in acciaio

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 17 Gennaio 2018 e circolare 21 Gennaio 2019 n.7) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2.1	Trazione	X	X	X
4.2.4.1.2.2	Compressione	X	X	X
4.2.4.1.2.4	Taglio		X	X
4.2.4.1.2.5	Torsione		X	X
	Flessione, taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 17 Gennaio 2018 e 2018 e circolare 21 Gennaio 2019 n.7) per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2.1	Trazione	X	X
4.2.4.1.2.2	Compressione	X	X
4.2.4.1.2.4	Taglio	X	X
4.2.4.1.2.5	Torsione	X	X
	Flessione, taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale	X	X
4.2.4.1.3.3	Membrature inflesse e compresse	X	X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

Viene inoltre riportata la verifica della "Gerarchia delle resistenze trave-colonna" per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

Azione		SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2.1	Trazione	si	si	si
4.2.4.1.2.2	Compressione	si	si	si
4.2.4.1.2.4	Taglio	si	si	si
4.2.4.1.2.5	Torsione	si	si	si
	Flessione, taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta	**Trave**	**Pilastro**	numero dell'elemento
Stato			codice di verifica per resistenza, stabilità, svergolamento
Note			sezione e materiali adottati per l'elemento
V N			(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T			(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.16 e 4.2.28)

V N/M	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.33) con riduzione per taglio (4.2.40) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3.1 per punto (4.2.41)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale)
BetaxL B22xL B33xL	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.48)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.4 M Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione flettente
V.7.5.5 N Ed	Verifica come prevista al punto 7.5.5 e valore dell' azione assiale
V.7.5.6 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.6 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.10 V Ed	Verifica come prevista al punto 7.5.10 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.2 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd in base alla classe di duttilità)

Nel caso in cui lambdaS sia minore di 0.2, oppure nel caso in cui la sollecitazione di calcolo NEd sia inferiore a 0.04 Ncr, gli effetti legati ai fenomeni di instabilità sono trascurati, come da paragrafo 4.2.4.1.3.1

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
31	ok	s=1,m=12	0.04	0.55		4	0.7	0.7	59.0	0.79	0.48	0.4	0.83	76,16,0,36
32	ok	s=1,m=12	0.04	0.55		4	1.3	0.3	116.2	0.41	0.48	0.4	0.83	56,16,0,36
33	ok	s=1,m=12	0.04	0.56		4	1.3	0.3	117.1	0.40	0.49	0.4	0.83	76,76,0,56
34	ok	s=1,m=12	0.04	0.56		4	1.3	0.3	117.1	0.40	0.49	0.4	0.83	76,76,0,16
35	ok	s=1,m=12	0.04	0.55		4	1.3	0.3	116.2	0.41	0.48	0.4	0.83	56,76,0,16
36	ok	s=1,m=12	0.04	0.56		4	0.7	0.7	59.5	0.79	0.50	0.4	0.83	56,56,0,36
37	ok	s=1,m=12	0.04	0.56		3	0.7	0.7	59.5	0.79	0.50	0.4	0.83	56,56,0,76
38	ok	s=1,m=12	0.04	0.55		3	0.7	0.7	59.0	0.79	0.49	0.4	0.83	76,56,0,16
39	ok	s=1,m=12	0.02	0.45		4	1.3	0.3	109.5	0.45	0.32	0.4	0.84	76,76,0,76
40	ok	s=1,m=12	0.04	0.57		4	1.3	0.3	109.5	0.45	0.39	0.4	0.84	76,88,0,76
41	ok	s=1,m=12	0.02	0.45		4	0.6	0.6	55.6	0.82	0.32	0.4	0.84	76,76,0,76
42	ok	s=1,m=12	0.04	0.57		4	0.6	0.6	55.6	0.82	0.39	0.4	0.84	76,88,0,76
43	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				76,16,0,0
44	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				76,76,0,0
45	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				76,16,0,0
46	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				76,76,0,0
47	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				76,16,0,0
48	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				76,76,0,0
49	ok	s=1,m=12	0.04	0.55		4	0.7	0.7	59.0	0.79	0.48	0.4	0.83	76,56,0,36
50	ok	s=1,m=12	0.04	0.55		4	1.3	0.3	116.2	0.41	0.49	0.4	0.83	56,76,0,36
51	ok	s=1,m=12	0.04	0.56		4	1.3	0.3	117.1	0.40	0.50	0.4	0.83	76,76,0,56
52	ok	s=1,m=12	0.04	0.56		3	1.3	0.3	117.1	0.40	0.50	0.4	0.83	76,76,0,16
53	ok	s=1,m=12	0.04	0.55		4	1.3	0.3	116.2	0.41	0.48	0.4	0.83	56,36,0,16
54	ok	s=1,m=12	0.04	0.56		4	0.7	0.7	59.5	0.79	0.49	0.4	0.83	56,56,0,36
55	ok	s=1,m=12	0.04	0.56		4	0.7	0.7	59.5	0.79	0.49	0.4	0.83	56,56,0,76
56	ok	s=1,m=12	0.04	0.55		4	0.7	0.7	59.0	0.79	0.48	0.4	0.83	76,36,0,16
57	ok	s=1,m=12	0.04	0.57		4	1.3	0.3	109.5	0.45	0.39	0.4	0.84	56,68,0,56
58	ok	s=1,m=12	0.02	0.45		4	1.3	0.3	109.5	0.45	0.32	0.4	0.84	56,56,0,56
59	ok	s=1,m=12	0.04	0.57		4	0.6	0.6	55.6	0.82	0.39	0.4	0.84	56,68,0,56
60	ok	s=1,m=12	0.02	0.45		4	0.6	0.6	55.6	0.82	0.32	0.4	0.84	56,56,0,56
61	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				56,56,0,0
62	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				56,36,0,0
63	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				56,56,0,0
64	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				56,36,0,0
65	ok	s=2,m=12	0.04	0.52		3	0.5	0.8	67.8	0.74				56,56,0,0
66	ok	s=2,m=12	0.02	0.43		3	0.5	0.8	67.8	0.74				56,36,0,0
67	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.0	0.82				56,16,0,0

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
68	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.5	0.81				56,16,0,0
69	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.5	0.81				76,36,0,0
70	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.0	0.82				76,36,0,0
71	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				56,56,0,0
72	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				56,56,0,0
73	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				56,56,0,0
74	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				56,56,0,0
75	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				76,76,0,0
76	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				76,76,0,0
77	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				76,76,0,0
78	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				76,76,0,0
79	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.0	0.82				56,16,0,0
80	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.5	0.81				56,16,0,0
81	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.5	0.81				76,36,0,0
82	ok	s=5,m=12	0.13	0.82		4	0.8	0.8	66.0	0.82				76,36,0,0
83	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				56,56,0,0
84	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				56,56,0,0
85	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				56,56,0,0
86	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				56,56,0,0
87	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				76,76,0,0
88	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				76,76,0,0
89	ok	s=5,m=12	0.13	0.82		4	0.8	3.1	265.1	0.10				76,76,0,0
90	ok	s=5,m=12	0.13	0.81		4	0.8	3.1	265.1	0.10				76,76,0,0
Trave			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.10			0.83	
			0.13	0.82			1.35	3.05	265.13		0.50	0.43		

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V[7.5.4]	M Ed	V[7.5.5]	N Ed	V[7.5.6]	V Ed,G	V Ed,M
								kN m		kN		kN	kN
31							0.0	0.0	0.0	0.0	0.0	0.0	0.0
32							0.0	0.0	0.0	0.0	0.0	0.0	0.0
33							0.0	0.0	0.0	0.0	0.0	0.0	0.0
34							0.0	0.0	0.0	0.0	0.0	0.0	0.0
35							0.0	0.0	0.0	0.0	0.0	0.0	0.0
36							0.0	0.0	0.0	0.0	0.0	0.0	0.0
37							0.0	0.0	0.0	0.0	0.0	0.0	0.0
38							0.0	0.0	0.0	0.0	0.0	0.0	0.0
39							0.0	0.0	0.0	0.0	0.0	0.0	0.0
40							0.0	0.0	0.0	0.0	0.0	0.0	0.0
41							0.0	0.0	0.0	0.0	0.0	0.0	0.0
42							0.0	0.0	0.0	0.0	0.0	0.0	0.0
43							0.0	0.0	0.0	0.0	0.0	0.0	0.0
44							0.0	0.0	0.0	0.0	0.0	0.0	0.0
45							0.0	0.0	0.0	0.0	0.0	0.0	0.0
46							0.0	0.0	0.0	0.0	0.0	0.0	0.0
47							0.0	0.0	0.0	0.0	0.0	0.0	0.0
48							0.0	0.0	0.0	0.0	0.0	0.0	0.0
49							0.0	0.0	0.0	0.0	0.0	0.0	0.0
50							0.0	0.0	0.0	0.0	0.0	0.0	0.0
51							0.0	0.0	0.0	0.0	0.0	0.0	0.0
52							0.0	0.0	0.0	0.0	0.0	0.0	0.0
53							0.0	0.0	0.0	0.0	0.0	0.0	0.0
54							0.0	0.0	0.0	0.0	0.0	0.0	0.0
55							0.0	0.0	0.0	0.0	0.0	0.0	0.0
56							0.0	0.0	0.0	0.0	0.0	0.0	0.0
57							0.0	0.0	0.0	0.0	0.0	0.0	0.0
58							0.0	0.0	0.0	0.0	0.0	0.0	0.0
59							0.0	0.0	0.0	0.0	0.0	0.0	0.0
60							0.0	0.0	0.0	0.0	0.0	0.0	0.0
61							0.0	0.0	0.0	0.0	0.0	0.0	0.0
62							0.0	0.0	0.0	0.0	0.0	0.0	0.0
63							0.0	0.0	0.0	0.0	0.0	0.0	0.0
64							0.0	0.0	0.0	0.0	0.0	0.0	0.0
65							0.0	0.0	0.0	0.0	0.0	0.0	0.0
66							0.0	0.0	0.0	0.0	0.0	0.0	0.0
67							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V[7.5.4]	M Ed	V[7.5.5]	N Ed	V[7.5.6]	V Ed,G	V Ed,M
68							0.0	0.0	0.0	0.0	0.0	0.0	0.0
69							0.0	0.0	0.0	0.0	0.0	0.0	0.0
70							0.0	0.0	0.0	0.0	0.0	0.0	0.0
71							0.0	0.0	0.0	0.0	0.0	0.0	0.0
72							0.0	0.0	0.0	0.0	0.0	0.0	0.0
73							0.0	0.0	0.0	0.0	0.0	0.0	0.0
74							0.0	0.0	0.0	0.0	0.0	0.0	0.0
75							0.0	0.0	0.0	0.0	0.0	0.0	0.0
76							0.0	0.0	0.0	0.0	0.0	0.0	0.0
77							0.0	0.0	0.0	0.0	0.0	0.0	0.0
78							0.0	0.0	0.0	0.0	0.0	0.0	0.0
79							0.0	0.0	0.0	0.0	0.0	0.0	0.0
80							0.0	0.0	0.0	0.0	0.0	0.0	0.0
81							0.0	0.0	0.0	0.0	0.0	0.0	0.0
82							0.0	0.0	0.0	0.0	0.0	0.0	0.0
83							0.0	0.0	0.0	0.0	0.0	0.0	0.0
84							0.0	0.0	0.0	0.0	0.0	0.0	0.0
85							0.0	0.0	0.0	0.0	0.0	0.0	0.0
86							0.0	0.0	0.0	0.0	0.0	0.0	0.0
87							0.0	0.0	0.0	0.0	0.0	0.0	0.0
88							0.0	0.0	0.0	0.0	0.0	0.0	0.0
89							0.0	0.0	0.0	0.0	0.0	0.0	0.0
90							0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trave	**v.Omeg**			**V N/M**	**V stab**		**V[7.5.4]**	**M Ed**	**V[7.5.5]**	**N Ed**	**V[7.5.6]**	**V Ed,G**	**V Ed,M**
								0.0		0.0		0.0	0.0
							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
1	ok	s=1,m=12	0.01	0.48		4	1.2	0.6	103.2	0.48	0.39	0.4	0.85	88,99,0,98
2	ok	s=3,m=12	0.02	0.41	0.61	1	1.9	0.6	161.4	0.22	0.17	0.3	0.94	25,24,24,121
3	ok	s=1,m=12	0.01	0.47		4	1.2	0.6	103.2	0.48	0.42	0.4	0.85	68,108,0,105
4	ok	s=1,m=12	0.02	0.49	0.48	4	1.2	0.6	103.2	0.48	0.39	0.4	0.85	69,99,88,98
5	ok	s=4,m=12	0.01	0.38	0.63	1	1.4	0.9	120.6	0.35				96,108,108,0
6	ok	s=1,m=12	0.02	0.49	0.49	4	1.2	0.6	103.2	0.48	0.42	0.4	0.85	89,108,68,105
7	ok	s=1,m=12	0.02	0.49	0.49	4	1.2	0.6	103.2	0.48	0.37	0.4	0.85	69,99,88,98
8	ok	s=4,m=12	0.01	0.38	0.63	1	1.4	0.9	120.6	0.35				96,96,96,0
9	ok	s=1,m=12	0.02	0.49	0.49	4	1.2	0.6	103.2	0.48	0.37	0.4	0.85	89,102,68,103
10	ok	s=1,m=12	0.02	0.49	0.49	4	1.2	0.6	103.2	0.48	0.42	0.4	0.85	69,93,88,96
11	ok	s=4,m=12	0.01	0.38	0.63	1	1.4	0.9	120.6	0.35				105,93,93,0
12	ok	s=1,m=12	0.02	0.49	0.48	4	1.2	0.6	103.2	0.48	0.39	0.4	0.85	89,102,68,103
13	ok	s=1,m=12	0.01	0.47		4	1.2	0.6	103.2	0.48	0.42	0.4	0.85	88,93,0,96
14	ok	s=3,m=12	0.02	0.41	0.61	1	1.9	0.6	161.4	0.22	0.17	0.3	0.94	49,48,48,112
15	ok	s=1,m=12	0.01	0.48		4	1.2	0.6	103.2	0.48	0.39	0.4	0.85	68,102,0,103
16	ok	s=1,m=12	0.01	0.28		4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	118,88,0,99
17	ok	s=3,m=12	0.02	0.22	0.45	1	1.9	0.6	161.4	0.22	0.13	0.3	0.96	121,24,24,121
18	ok	s=1,m=12	0.01	0.28		4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	121,68,0,108
19	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	68,88,88,99
20	ok	s=4,m=12	9.44e-03	0.21	0.43	1	1.4	0.9	120.6	0.35				121,68,16,0
21	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	88,68,68,108
22	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.18	0.4	0.85	68,88,88,99
23	ok	s=4,m=12	8.05e-03	0.21	0.43	1	1.4	0.9	120.6	0.35				112,88,36,0
24	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.18	0.4	0.85	88,68,68,102
25	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	68,88,88,93
26	ok	s=4,m=12	9.44e-03	0.21	0.43	1	1.4	0.9	120.6	0.35				112,88,36,0
27	ok	s=1,m=12	0.01	0.38	0.45	4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	88,68,68,102
28	ok	s=1,m=12	0.01	0.28		4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	112,88,0,93
29	ok	s=3,m=12	0.02	0.22	0.45	1	1.9	0.6	161.4	0.22	0.13	0.3	0.96	112,48,48,112
30	ok	s=1,m=12	0.01	0.28		4	1.2	0.6	103.2	0.48	0.19	0.4	0.85	115,68,0,102
Pilas.			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.22			0.85	
			0.02	0.49	0.63		1.86	0.90	161.44		0.42	0.40		

Pilas.	f.Om. N	f.Om. T	Stato	V V/T	V N/M	V stab	V flst	Rif. cmb	V[7.5.10]	V Ed	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf
										kN				
1	0.0	0.0	ok	0.0	0.0			0,0,0,0						
2	0.0	0.0	ok	0.0	0.0			0,0,0,0						
3	0.0	0.0	ok	0.0	0.0			0,0,0,0						
4	0.0	0.0	ok	0.0	0.0			0,0,0,0						
5	0.0	0.0	ok	0.0	0.0			0,0,0,0						
6	0.0	0.0	ok	0.0	0.0			0,0,0,0						
7	0.0	0.0	ok	0.0	0.0			0,0,0,0						
8	0.0	0.0	ok	0.0	0.0			0,0,0,0						
9	0.0	0.0	ok	0.0	0.0			0,0,0,0						
10	0.0	0.0	ok	0.0	0.0			0,0,0,0						
11	0.0	0.0	ok	0.0	0.0			0,0,0,0						
12	0.0	0.0	ok	0.0	0.0			0,0,0,0						
13	0.0	0.0	ok	0.0	0.0			0,0,0,0						
14	0.0	0.0	ok	0.0	0.0			0,0,0,0						
15	0.0	0.0	ok	0.0	0.0			0,0,0,0						
16	0.0	0.0	ok	0.0	0.0			0,0,0,0						
17	0.0	0.0	ok	0.0	0.0			0,0,0,0						
18	0.0	0.0	ok	0.0	0.0			0,0,0,0						
19	0.0	0.0	ok	0.0	0.0			0,0,0,0						
20	0.0	0.0	ok	0.0	0.0			0,0,0,0						
21	0.0	0.0	ok	0.0	0.0			0,0,0,0						
22	0.0	0.0	ok	0.0	0.0			0,0,0,0						
23	0.0	0.0	ok	0.0	0.0			0,0,0,0						
24	0.0	0.0	ok	0.0	0.0			0,0,0,0						
25	0.0	0.0	ok	0.0	0.0			0,0,0,0						
26	0.0	0.0	ok	0.0	0.0			0,0,0,0						
27	0.0	0.0	ok	0.0	0.0			0,0,0,0						
28	0.0	0.0	ok	0.0	0.0			0,0,0,0						
29	0.0	0.0	ok	0.0	0.0			0,0,0,0						
30	0.0	0.0	ok	0.0	0.0			0,0,0,0						
Pilas.				**V V/T**	**V N/M**	**V stab**	**V flst**		**V[7.5.10]**	**V Ed**	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**
				0.0	0.0									