

" ΕΕΝ ΦΡΑΓΜΑΤΟΣ ΠΟΤΑΜΩΝ ΑΜΑΡΙΟΥ "

ΤΕΧΝΙΚΟΣ ΣΥΜΒΟΥΛΟΣ ΓΙΑ ΤΗΝ ΕΠΙΚΑΙΡΟΠΟΙΗΣΗ ΤΗΣ
ΠΡΟΜΕΛΕΤΗΣ ΚΑΙ ΤΗ ΣΥΝΤΑΞΗ ΤΩΝ ΤΕΥΧΩΝ ΔΗΜΟΠΡΑΤΗΣΗΣ
ΜΕΛΕΤΗΣ - ΚΑΤΑΣΚΕΥΗΣ ΤΟΥ ΕΡΓΟΥ
"ΕΓΚΑΤΑΣΤΑΣΗ ΕΠΕΞΕΡΓΑΣΙΑΣ ΝΕΡΟΥ ΦΡΑΓΜΑΤΟΣ
ΠΟΤΑΜΩΝ ΑΜΑΡΙΟΥ

ΘΕΜΑ ΣΧΕΔΙΟΥ:

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
ΣΤΑΤΙΚΟΙ ΥΠΟΛΟΓΙΣΜΟΙ

ΑΡΙΘΜΟΣ ΣΧΕΔΙΟΥ: CA-18-ST-01

ΚΛΙΜΑΚΑ :

ΗΜΕΡΟΜΗΝΙΑ : ΜΑΪΟΣ 2018



ΕΜΒΗΣ Σύμβουλοι Μηχανικοί Α.Ε.
Παπαρρηγοπούλου 21, τ.κ. 15343, Αγία Παρασκευή
τηλ. 210 6528078 - fax. 210 6528760

ΕΜΒΗΣ ΣΥΜΒΟΥΛΟΙ ΜΗΧΑΝΙΚΟΙ Α.Ε.
ΣΥΜΒΟΥΛΟΙ ΜΗΧΑΝΙΚΟΙ - ΜΕΛΕΤΗΤΕΣ
Παπαρρηγοπούλου 21, Αγ. Παρασκευή 153 43
Τηλ. 210 6528078 - Fax. 210 6528760
~~Α.Ε.Τ.Ι. 00452623 Α.Ε.Υ. Φ.Α.Ε. ΑΘΗΝΩΝ~~
Α.Μ.Α.Ε. 69530/0147/Β/10/11/6 ΑΡ ΦΑΚ 677068

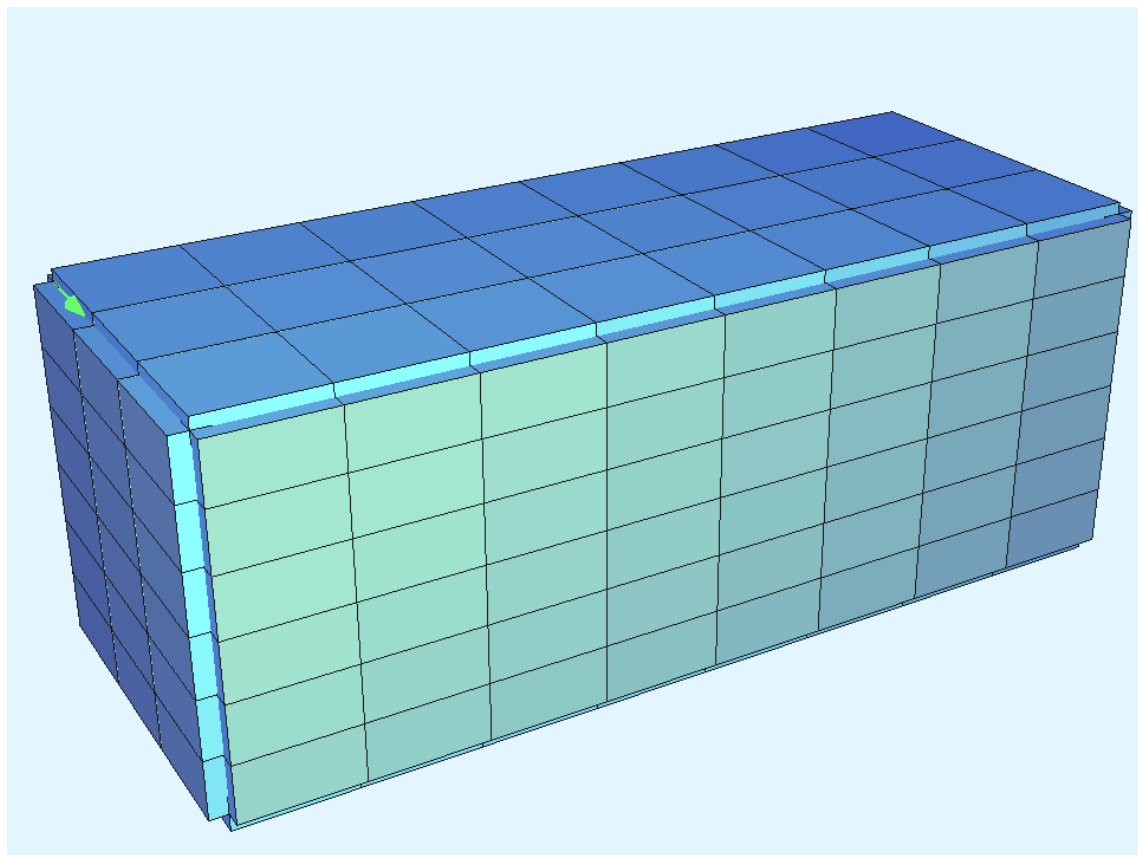
**ΕΛΕΓΧΘΗΚΕ
ΟΙ ΕΠΙΒΛΕΠΟΝΤΕΣ**

ΠΕΝΘΕΡΟΥΔΑΚΗΣ ΜΑΝΩΛΗΣ
Μηχανολόγος Μηχανικός

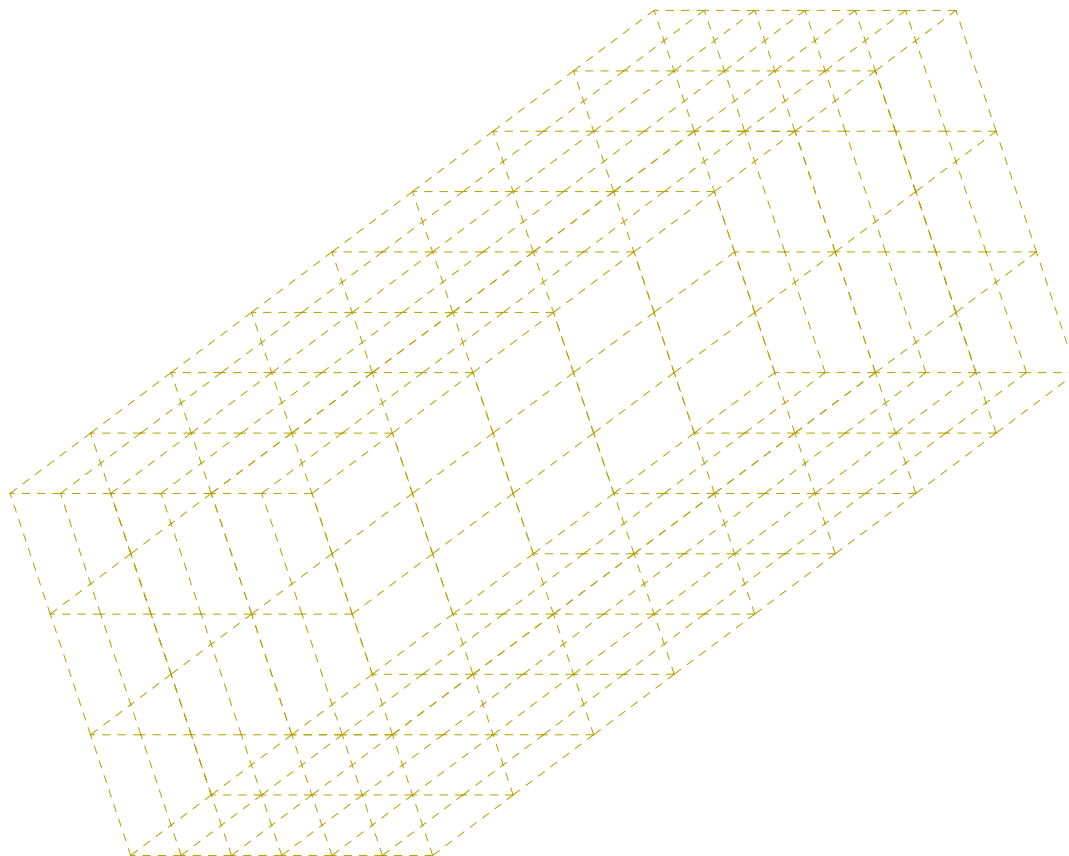
ΒΟΥΡΒΑΧΑΚΗΣ ΘΟΔΩΡΗΣ
Πολιτικός Μηχανικός

ΛΑΜΠΡΙΝΟΣ ΣΤΕΛΙΟΣ
Πολιτικός Μηχανικός

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ



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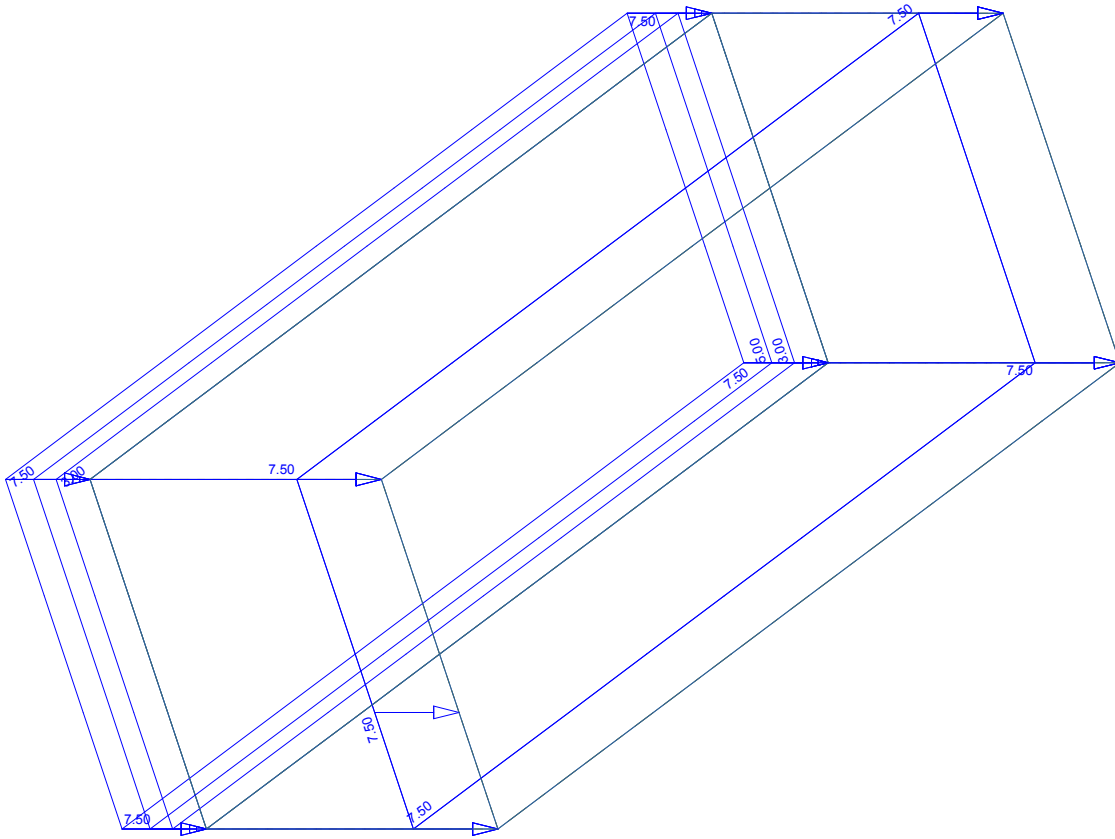
M 1 : 56
X * 0.745
Y * 0.943
Z * 0.745

Structure



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 MONIMA

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M 1 : 58
 X * 0.745
 Y * 0.943
 Z * 0.745

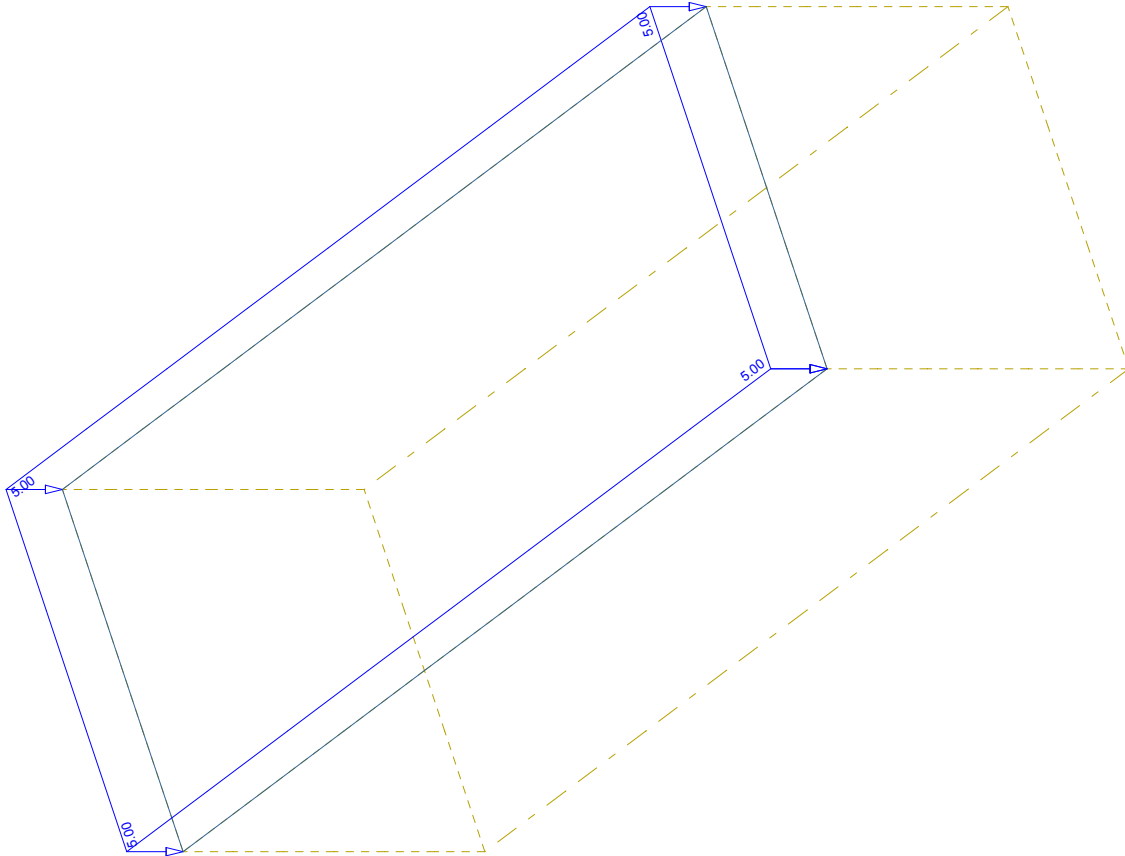


All loads (in components), Loadcase 1 MONIMA, (1 cm 3D = unit) Area element load (force) in local z (Unit=5.00 kN/m²)
 QUAD-Area dead load in global Z in Elements (Unit=5.00 kN/m²) (Max=7.50)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΚΙΝΗΤΑ ΟΡΟΦΗΣ

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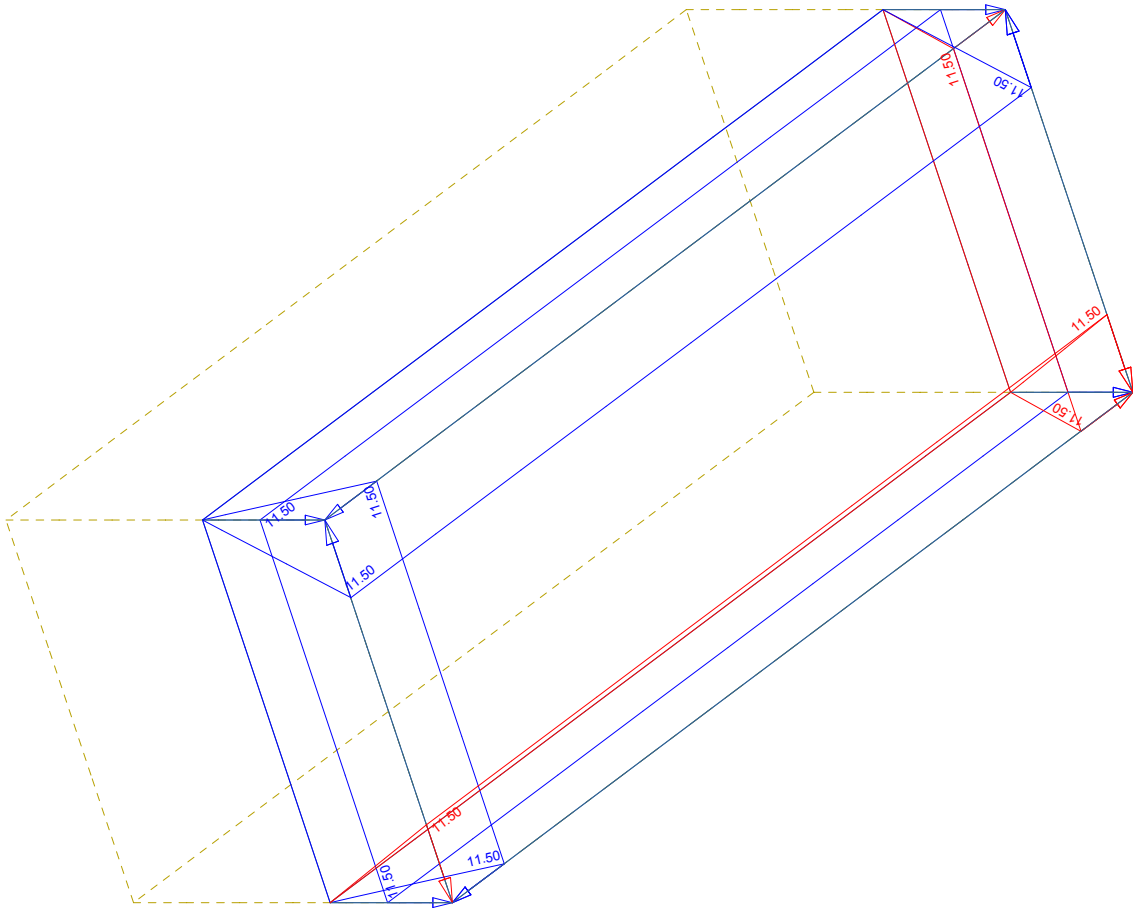
M 1 : 56
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 101 ΚΙΝΗΤΑ ΟΡΟΦΗΣ , (1 cm 3D = unit) Area element load (force) in local z (Unit=5.00)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΠΛΗΡΗΣ

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M 1 : 53
 X * 0.745
 Y * 0.943
 Z * 0.745

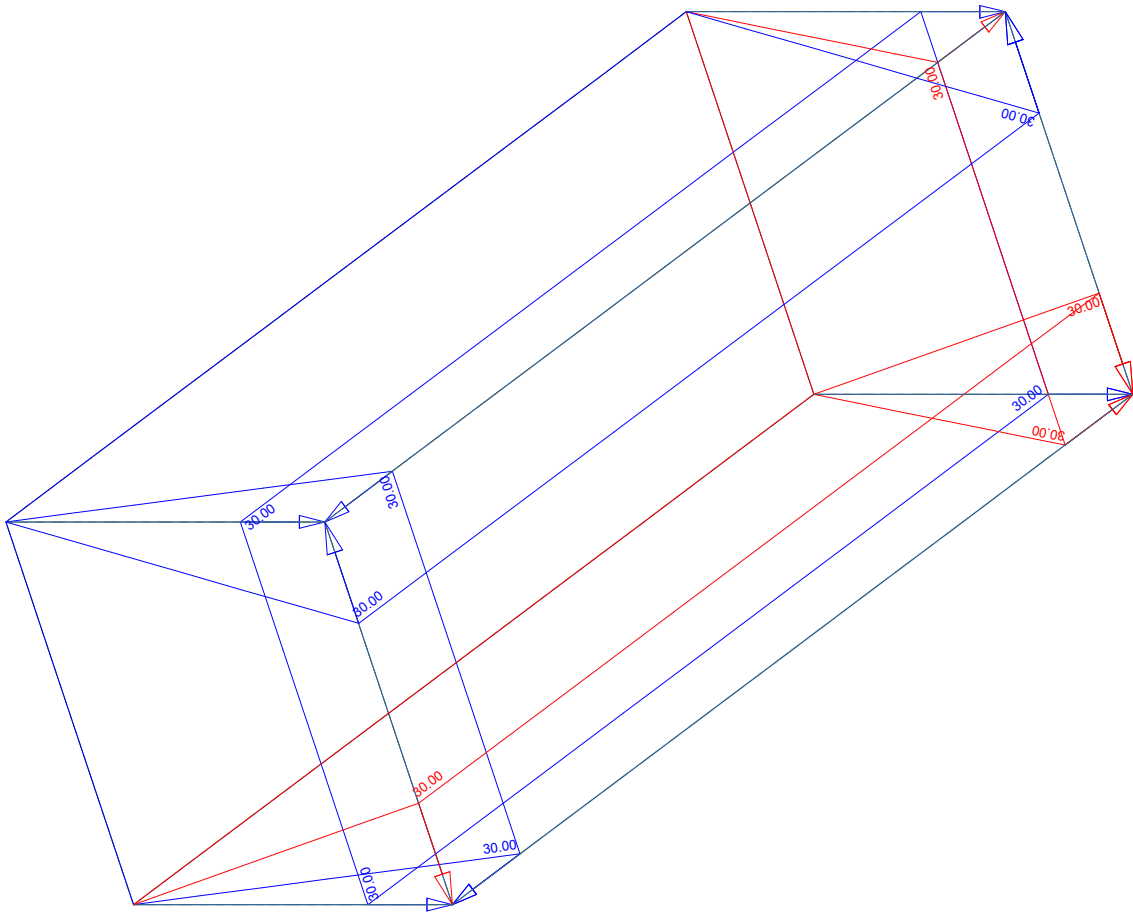
All loads (in components), Loadcase 2 ΥΔΡΟΣΤΑΤΙΚΗ-->Π/ΛΗΡΗΣ, (1 cm 3D = unit) Area element load (force) in local z (Unit=10.0 kN/m2), Free area load (force) on projection in global

Y (Unit=10.0 kN/m2), Free area load (force) on projection in global X (Unit=10.0 kN/m2) (Min=-11.5) (Max=11.5)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣΗ

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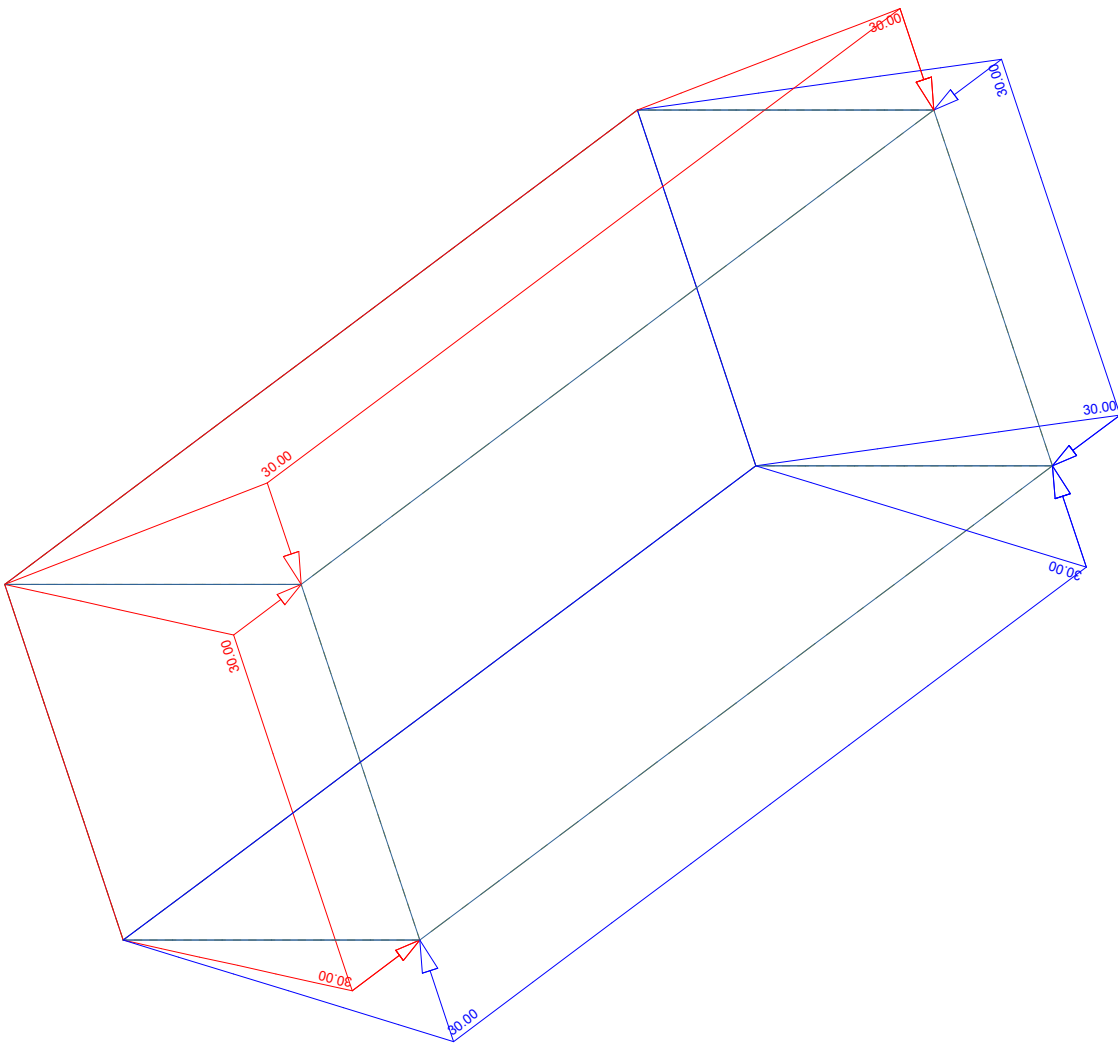
M 1 : 53
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 102 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣΗ, (1 cm 3D = unit) Area element load (force) in local z (Unit=20.0 kN/m²), Free area load (force) on projection in global X (Unit=20.0 kN/m²), Free area load (force) on projection in global Y (Unit=20.0 kN/m²) (Min=-30.0) (Max=30.0)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΩΘΗΣΗ ΓΑΙΩΝ

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M 1 : 57
 X * 0.745
 Y * 0.943
 Z * 0.745

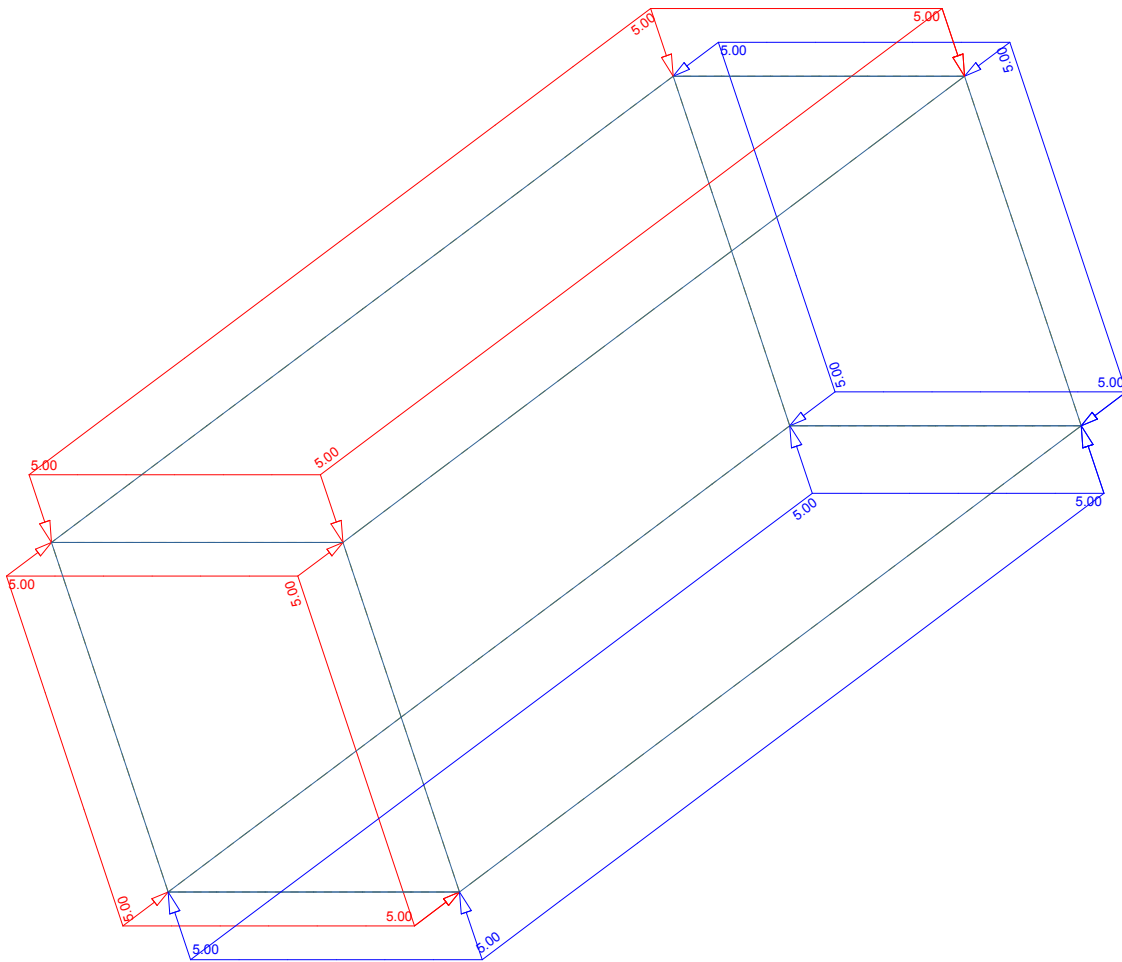
All loads (in components), Loadcase 3 ΩΘΗΣΗ ΓΑΙΩΝ , (1 cm 3D = unit) Free area load (force) on projection in global X (Unit=20.0 kN/m2 →) (Min=-30.0) (Max=30.0)

All loads (in components), Loadcase 3 ΩΘΗΣΗ ΓΑΙΩΝ , (1 cm 3D = unit) Free area load (force) on projection in global Y (Unit=20.0 kN/m2 →)

X
 Y
 Z

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΩΘΗΣΗ ΚΙΝΗΤΩΝ

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M 1 : 58
 X * 0.745
 Y * 0.943
 Z * 0.745

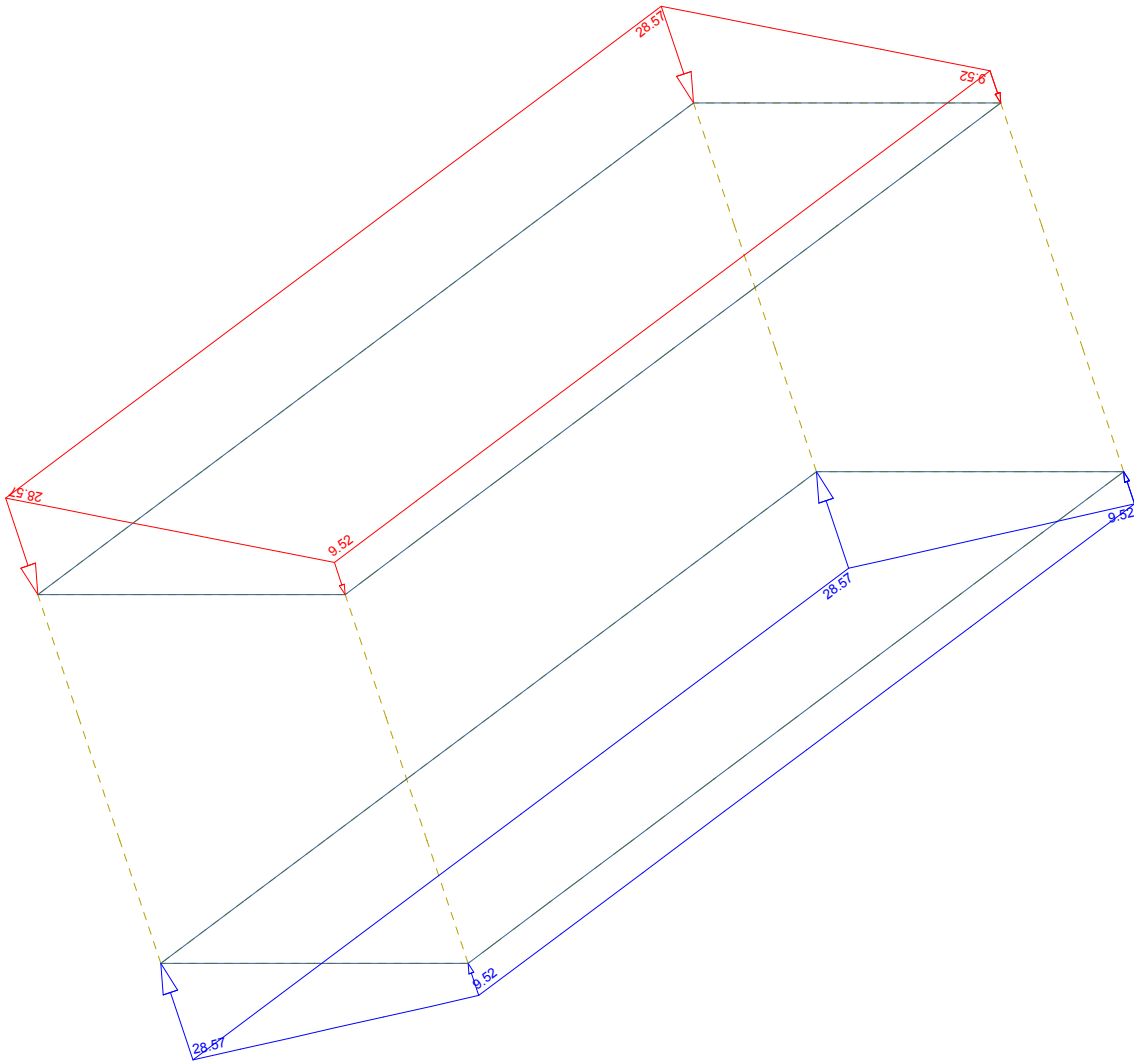
All loads (in components), Loadcase 4 ΩΘΗΣΗ ΚΙΝΗΤΩΝ , (1 cm 3D = unit) Free area load (force) on projection in global X (Unit=5.00)
 kN/m2 (Min=-5.00) (Max=5.00)

Free area load (force) on projection in global Y (Unit=5.00 kN/m2)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΔΥΝΑΜΙΚΗ ΩΘΗΣΗ ΓΑΙΩΝ Υ-Υ

SOFISTIK AG - www.sofistik.com



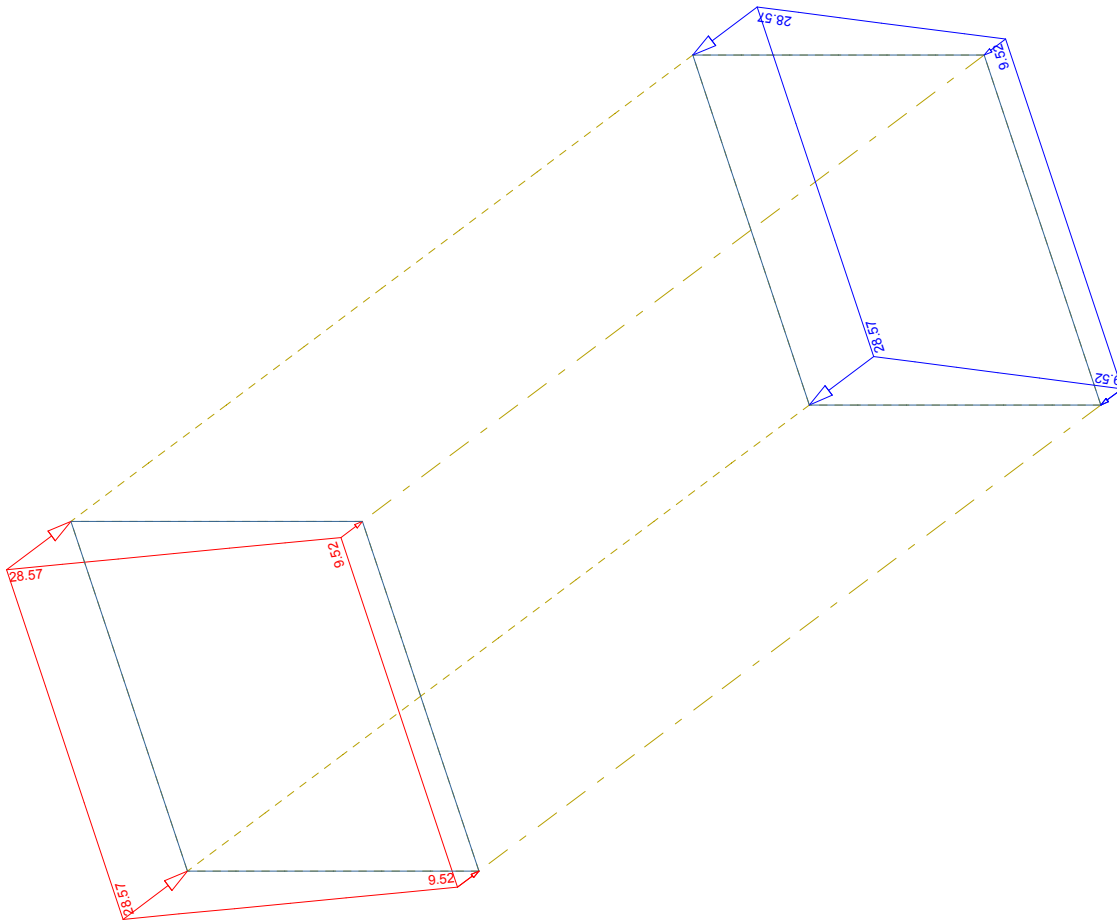
M 1 : 55
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 5 ΔΥΝΑΜΙΚΗ ΩΘΗΣΗ ΓΑΙΩΝ Υ-Υ, (1 cm 3D = unit) Free area load (force) on projection in global Y
 (Unit=20.0 kN/m2) (Min=-28.6) (Max=28.6)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΔΥΝΑΜΙΚΗ ΩΘΗΣΗ ΓΑΙΩΝ X-X

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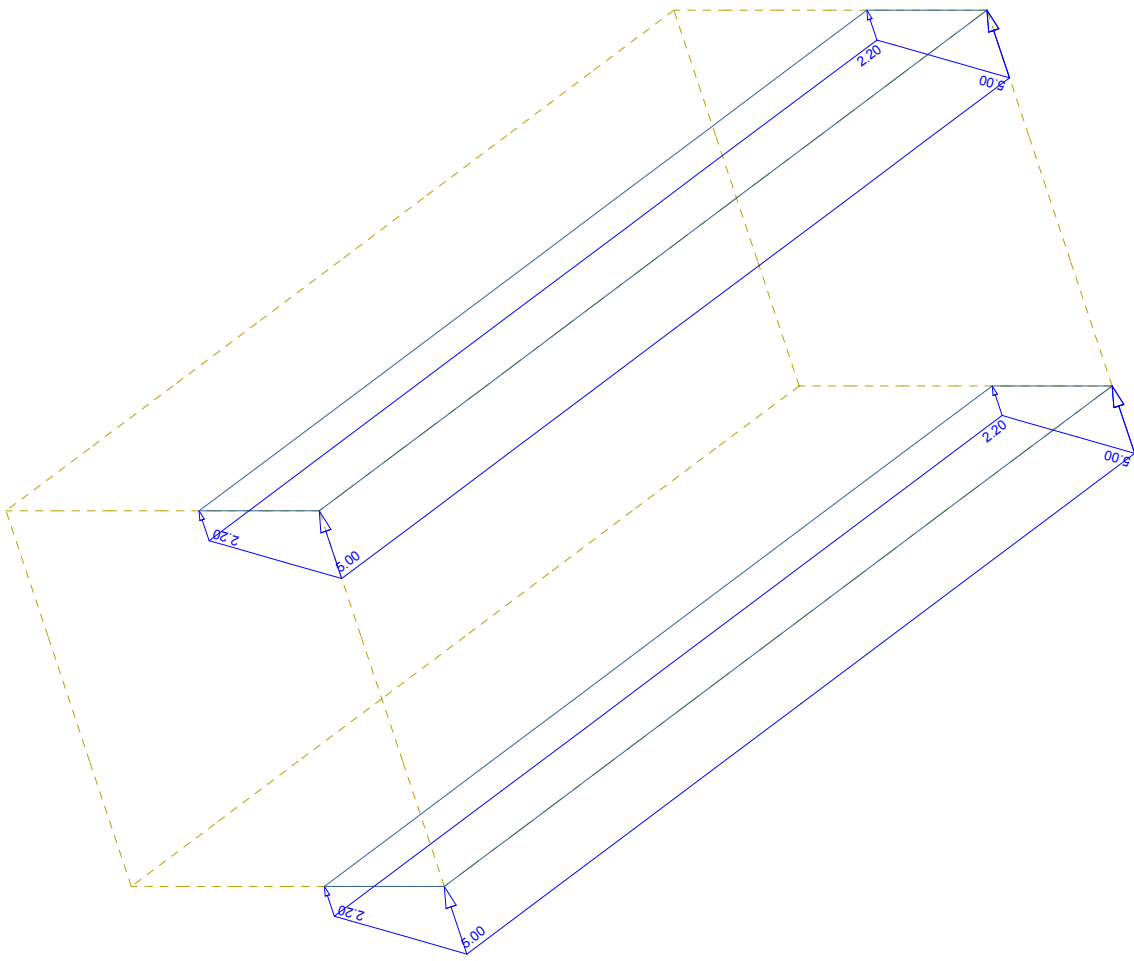
M 1 : 58
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 6 ΔΥΝΑΜΙΚΗ ΩΘΗΣΗ ΓΑΙΩΝ X-X , (1 cm 3D = unit) Free area load (force) on projection in global X
 (Unit=20.0 kN/m2) (Min=-28.6) (Max=28.6)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΔΥΝΑΜΙΚΗ Υ-Υ (EBP)

SOFISTIK AG - www.sofistik.com



M 1 : 54
 X * 0.745
 Y * 0.943
 Z * 0.745

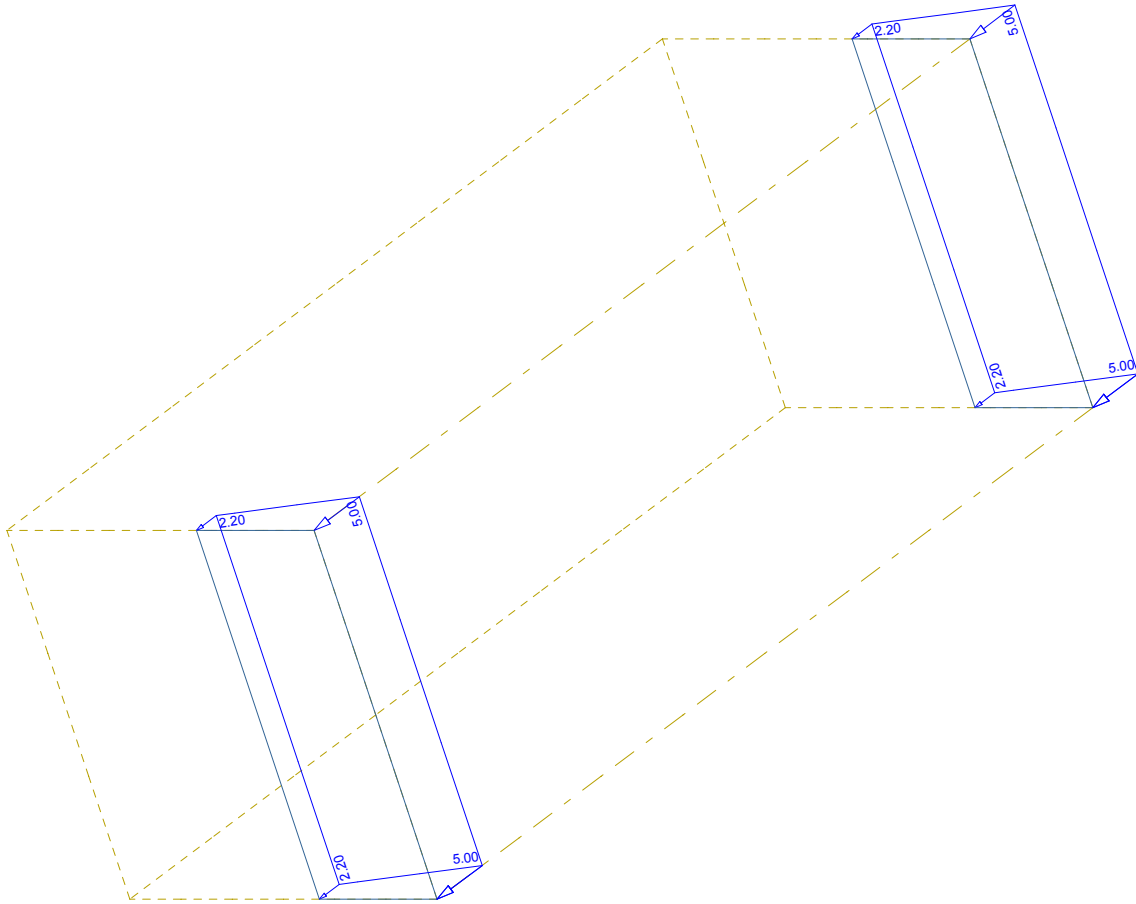
All loads (in components), Loadcase 7 ΥΔΡΟΔΥΝΑΜΙΚΗ Υ-Υ (EBP) , (1 cm 3D = unit) Free area load (force) on projection in global Y

(Unit=5.00 kN/m2) (Max=5.00)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X (EBP)

SOFISTIK AG - www.sofistik.com



M 1 : 55
 X * 0.745
 Y * 0.943
 Z * 0.745

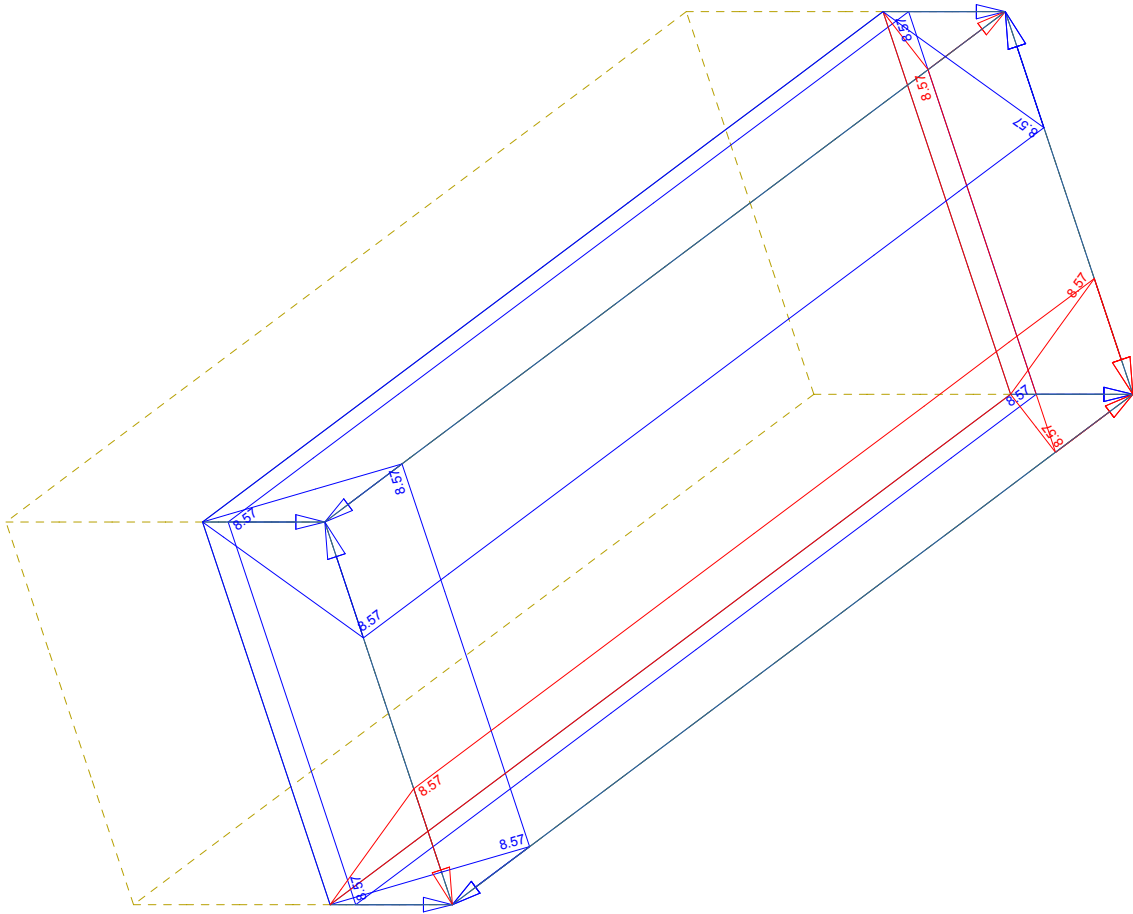
All loads (in components), Loadcase 8 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , (1 cm 3D = unit) Free area load (force) on projection in global X

(Unit=5.00 kN/m2) (Max=5.00)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΔΥΝΑΜΙΚΗ Z-Z

SOFISTIK AG - www.sofistik.com



M 1 : 53
 X * 0.745
 Y * 0.943
 Z * 0.745

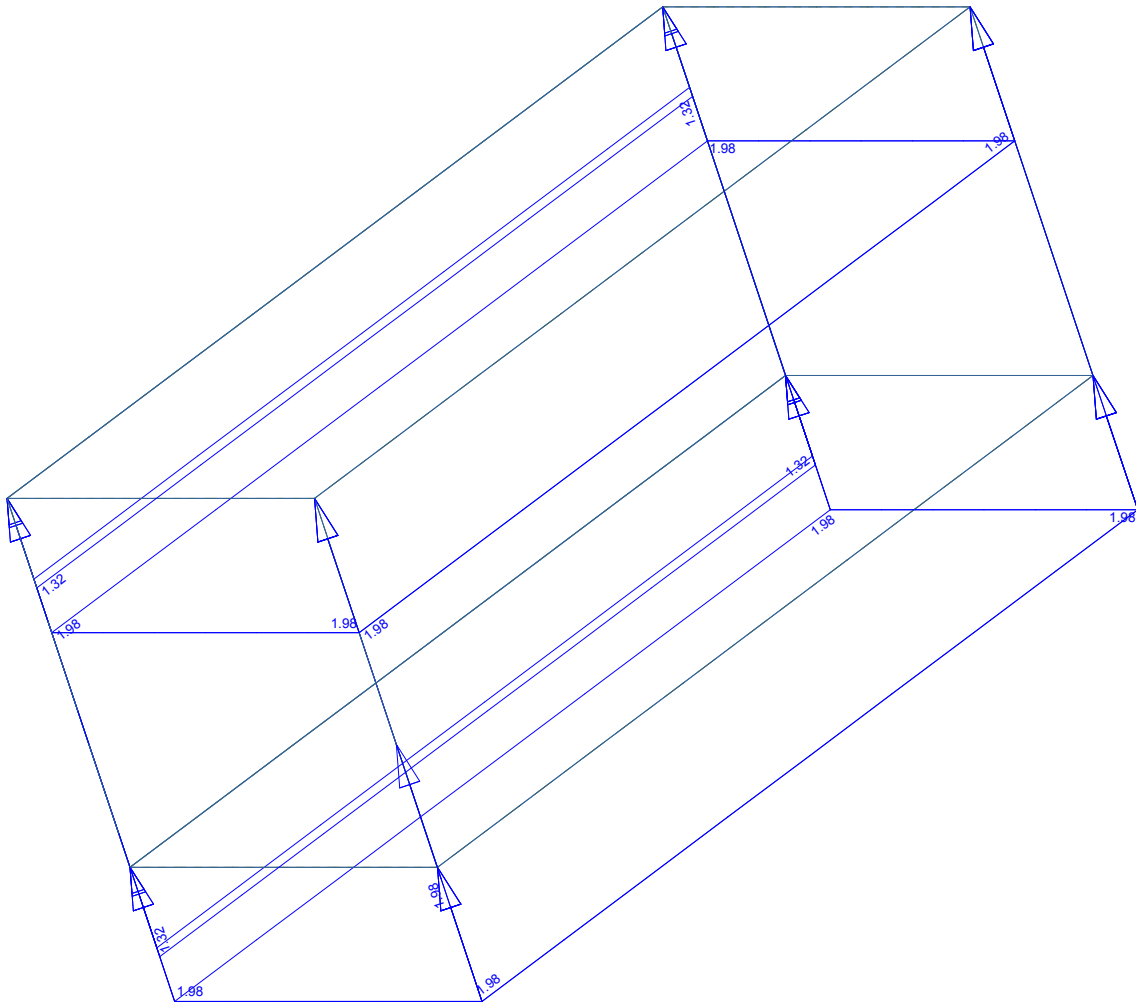
All loads (in components), Loadcase 9 ΥΔΡΟΔΥΝΑΜΙΚΗ Z-Z , (1 cm 3D = unit) Area element load (force) in local z (Unit=5.00
 kN/m2 →), Free area load (force) on projection in global

Y (Unit=5.00 kN/m2 →) (Min=-8.57) (Max=8.57)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y

SOFISTIK AG - www.sofistik.com



M 1 : 55
 X * 0.745
 Y * 0.943
 Z * 0.745

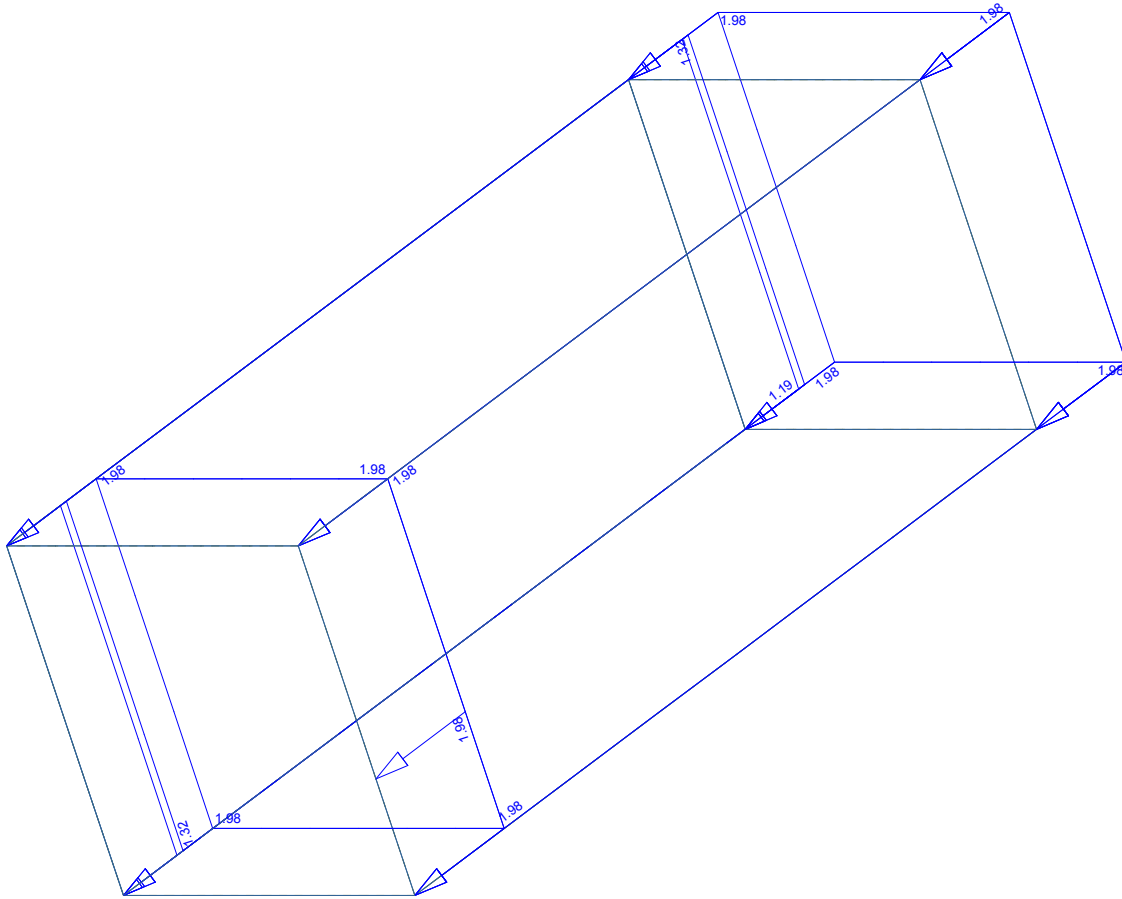


All loads (in components), Loadcase 107 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , (1 cm 3D = unit) Area element load (force) on projection in global Y (Unit=1.00 kN/m²), QUAD-Area dead load in global Y in Elements (Unit=1.00 kN/m²)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y

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M 1 : 58
 X * 0.745
 Y * 0.943
 Z * 0.745

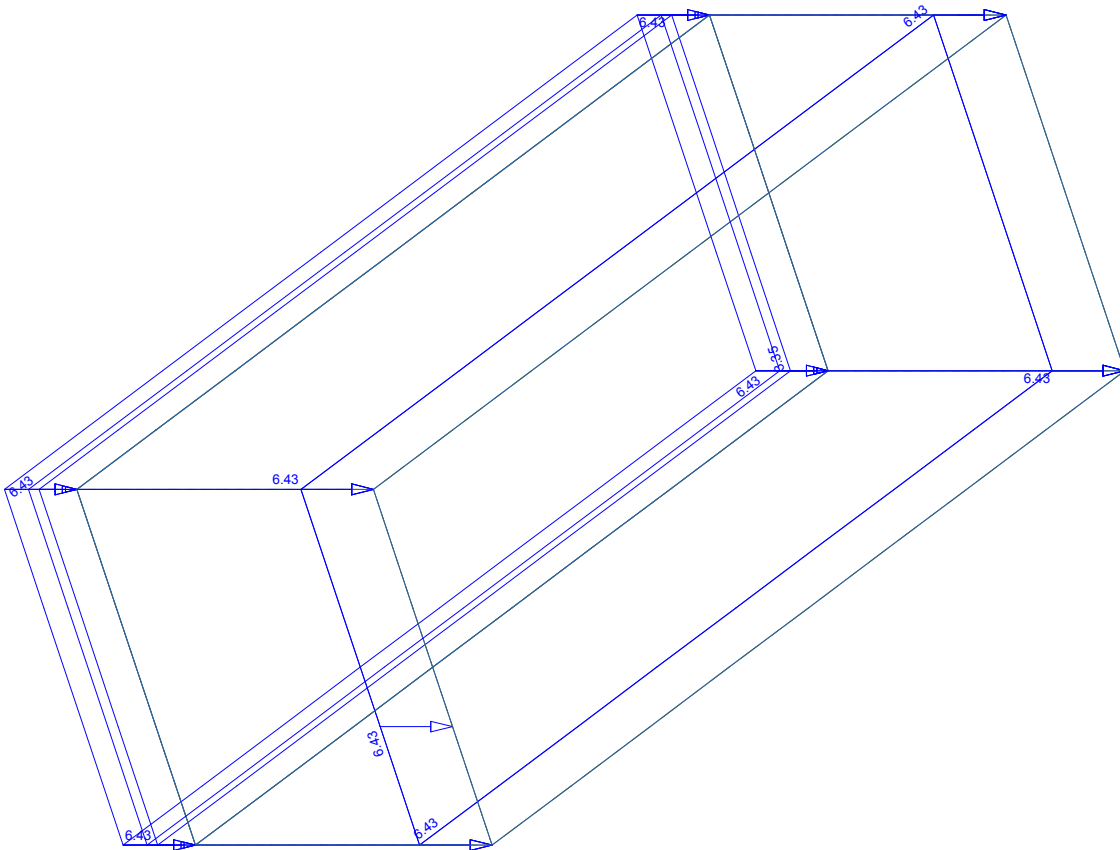


All loads (in components), Loadcase 108 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , (1 cm 3D = unit) Area element load (force) on projection in global X (Unit=1.00 kN/m²), QUAD-Area dead load in global X in Elements (Unit=1.00 kN/m²)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z

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M 1 : 57
 X * 0.745
 Y * 0.943
 Z * 0.745

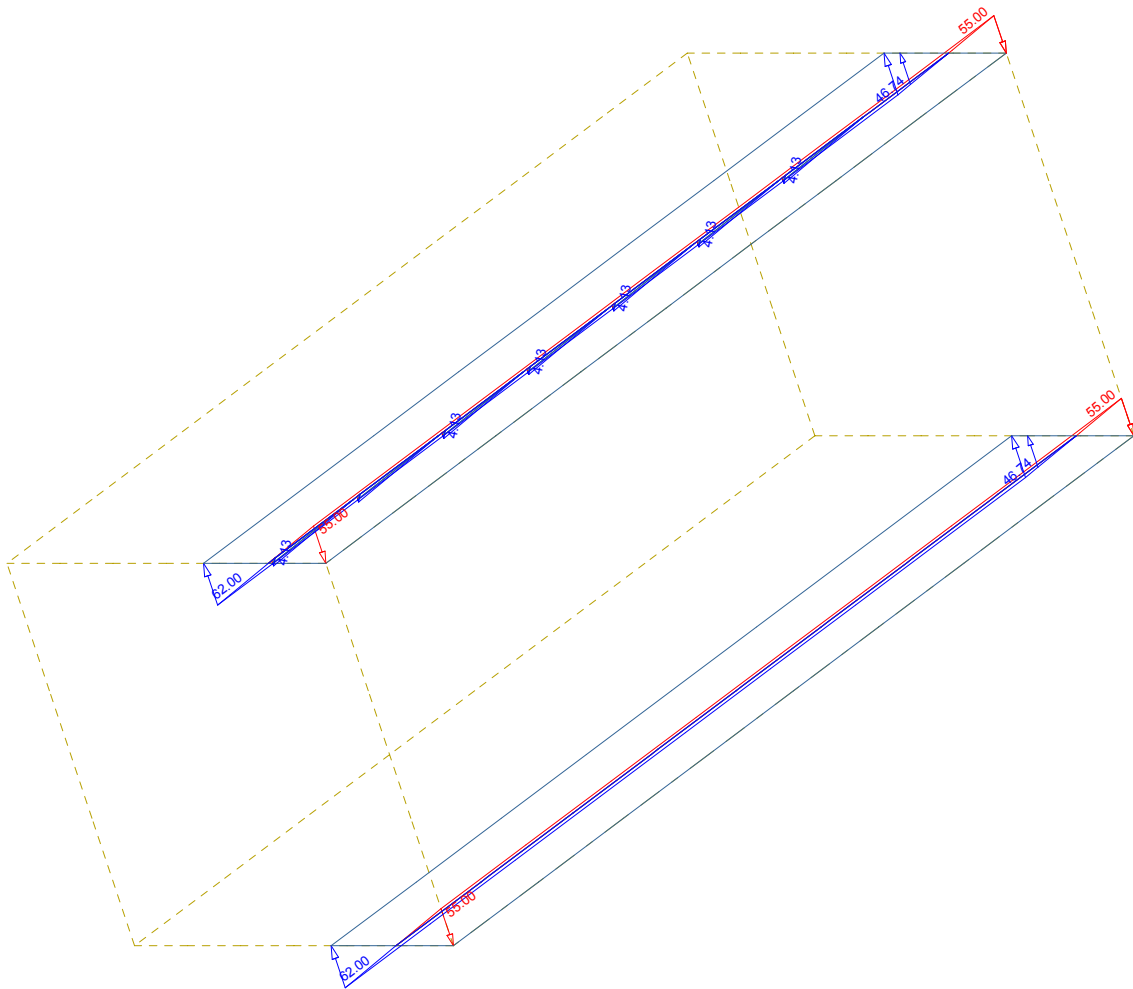
→ (Max=6.43)

All loads (in components), Loadcase 109 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , (1 cm 3D = unit) Area element load (force) on projection in global Z (Unit=5.00 kN/m²), QUAD-Area dead load in global Z in Elements (Unit=5.00 kN/m²)

X
 Y
 Z

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΔΥΝΑΜΙΚΗ Υ-Υ (IBP)

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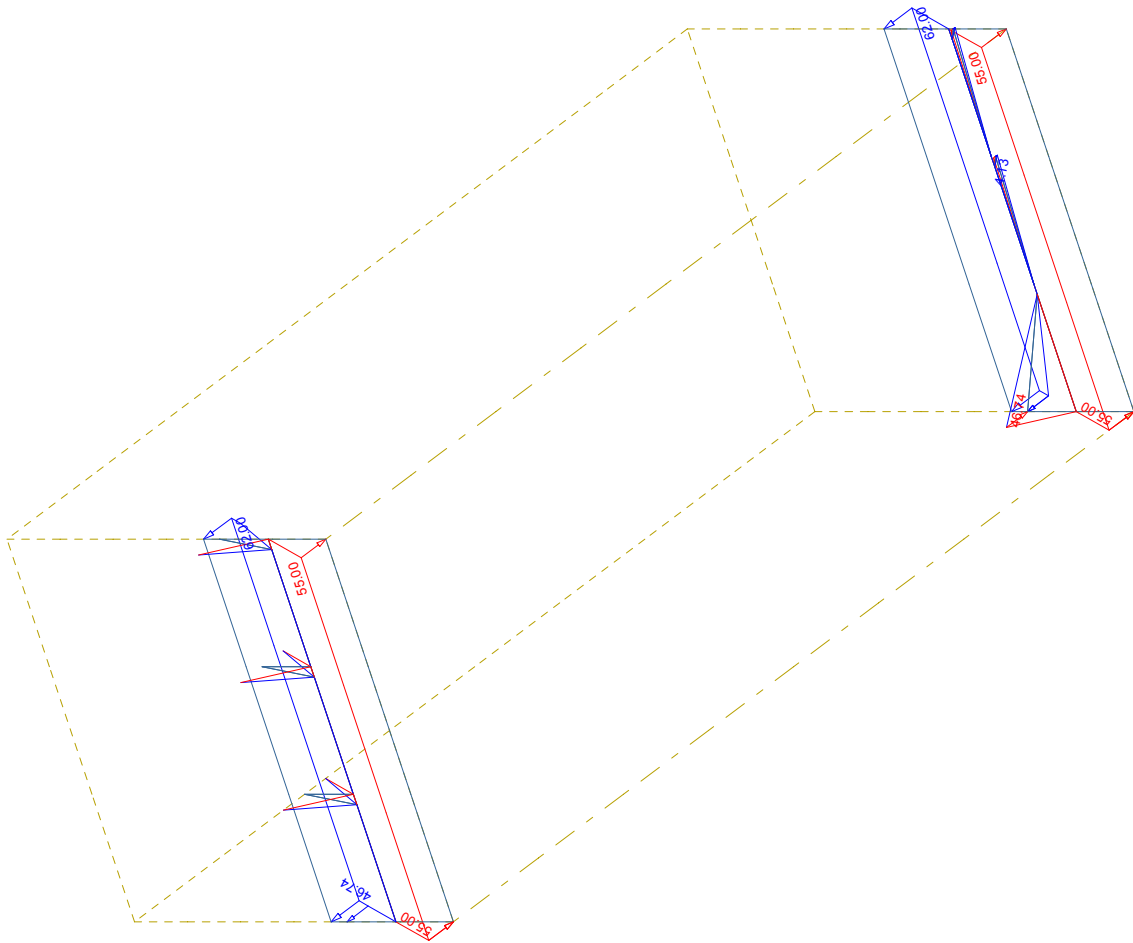
M 1 : 53
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 307 ΥΔΡΟΔΥΝΑΜΙΚΗ Υ-Υ (IBP) , (1 cm 3D = unit) Free area load (force) on projection in global Y
 (Unit=100.0 kN/m²) (Min=-55.0) (Max=62.0)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X (IBP)

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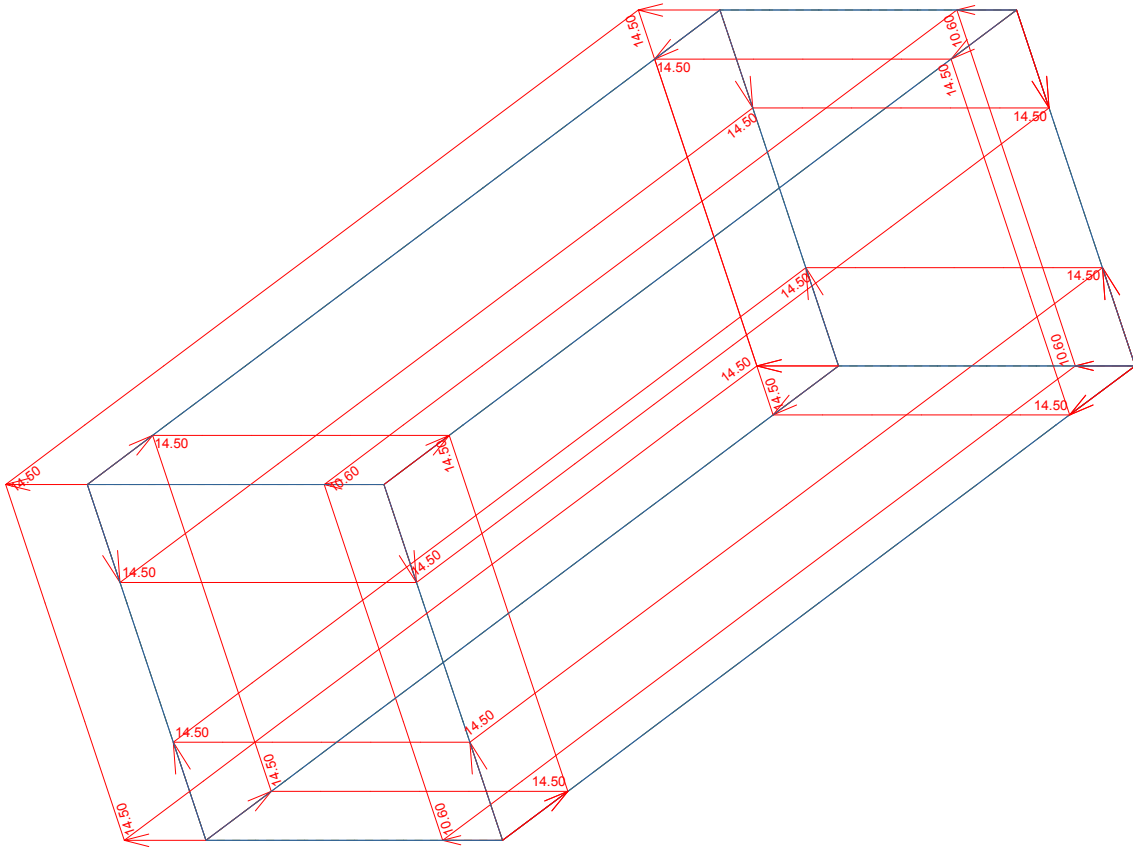
M 1 : 53
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 308 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X (IBP) , (1 cm 3D = unit) Free area load (force) on projection in global X
 (Unit=100.0 kN/m²) (Min=-55.0) (Max=62.0)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΣΥΣΤΟΛΗ ΞΗΡΑΝΣΗΣ

SOFISTIK AG - www.sofistik.com



M 1 : 57
 X * 0.745
 Y * 0.943
 Z * 0.745

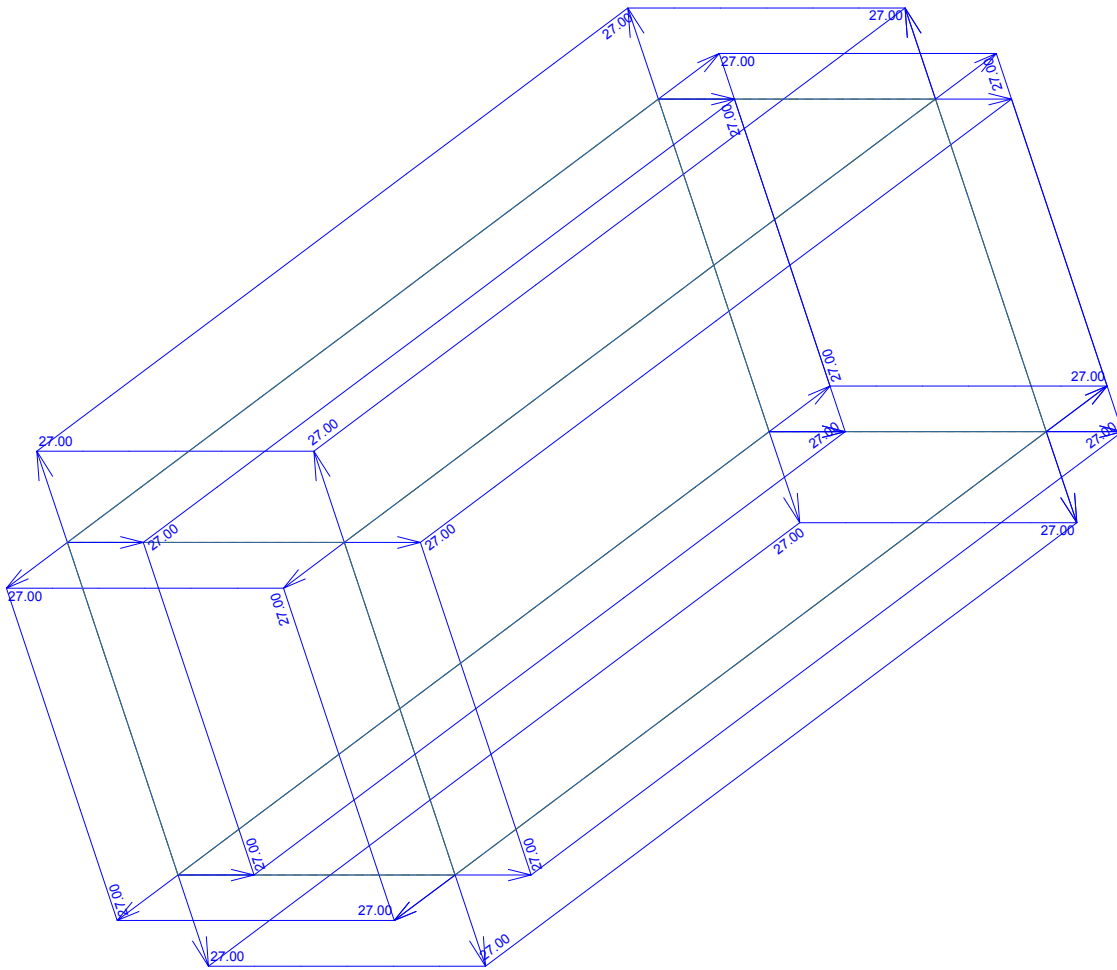
All loads (in components), Loadcase 10 ΣΥΣΤΟΛΗ ΞΗΡΑΝΣΗΣ, (1 cm 3D = unit) Area element load (uniform temperature change)

(Unit=10.0 °C) (Min=-14.5) (Max=0)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚΡΑΣΙΑΣ

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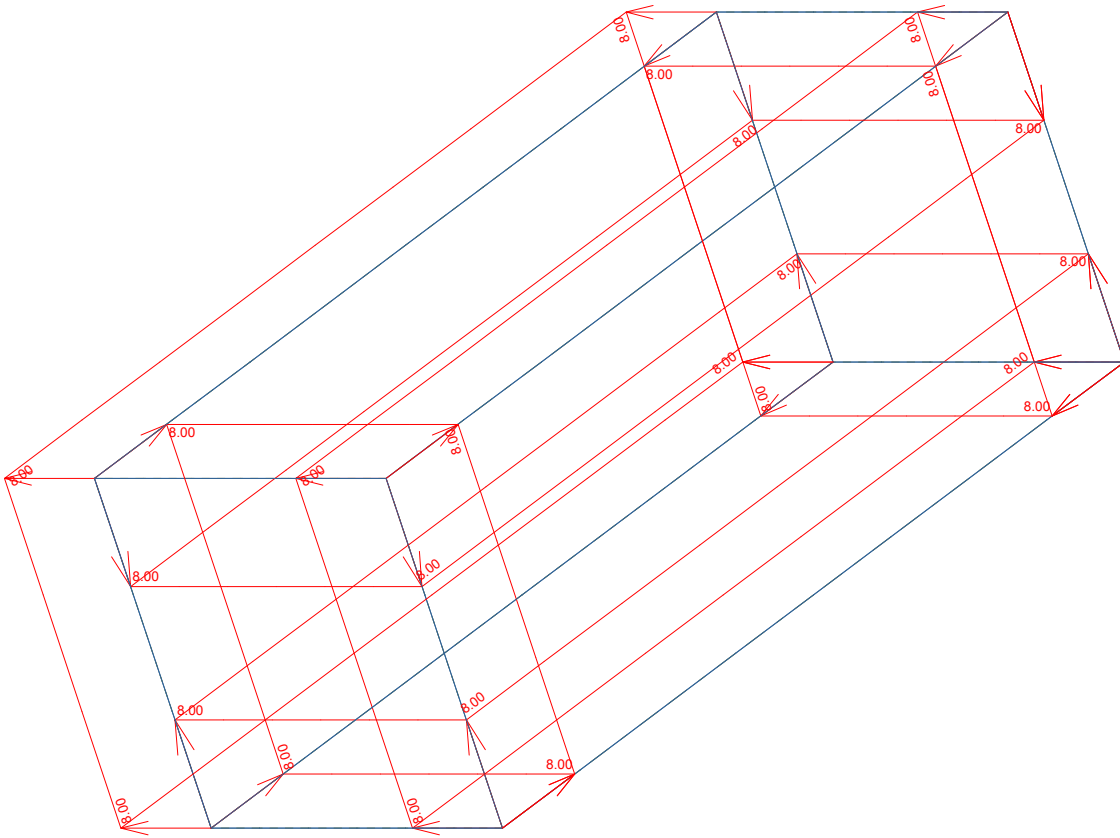
M 1 : 61
 X * 0.745
 Y * 0.943
 Z * 0.745

All loads (in components), Loadcase 11 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚΡΑΣΙΑΣ, (1 cm 3D = unit) Area element load (uniform temperature change)
 (Unit=20.0 °C) (Max=27.0)



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡΑΣΙΑΣ

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M 1 : 58
 X * 0.745
 Y * 0.943
 Z * 0.745

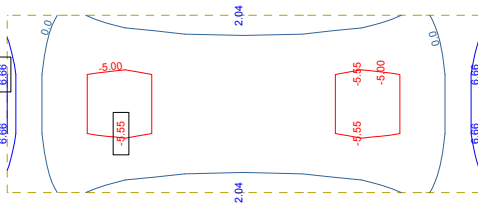
All loads (in components), Loadcase 12 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , (1 cm 3D = unit) Area element load (uniform temperature change)

(Unit=5.00 °C) (Min=-8.00) (Max=0)



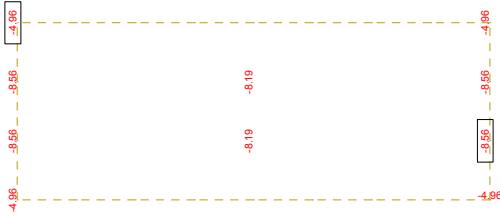
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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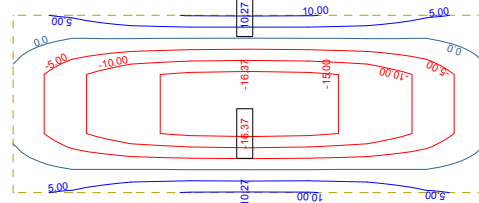
X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 , from -5.55 to 6.66 step 5.00 kNm/m

M 1 : 128
 ↕ , Loadcase 1 MONIMA



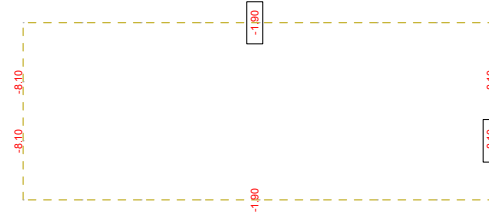
X
 Z-Y
 M 1 : 128
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 , from -8.56 to 0 step 20.0 kN/m

M 1 : 128
 ↕ , Loadcase 1 MONIMA



X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 , from -16.4 to 10.3 step 5.00 kNm/m

M 1 : 128
 ↔ , Loadcase 1 MONIMA



X
 Z-Y
 M 1 : 128
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 , from -8.10 to 0 step 20.0 kN/m

M 1 : 128
 ↔ , Loadcase 1 MONIMA

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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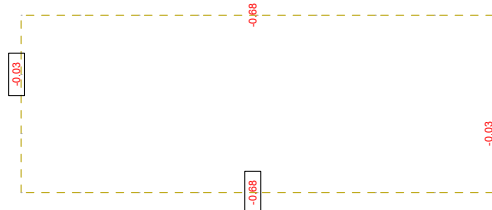
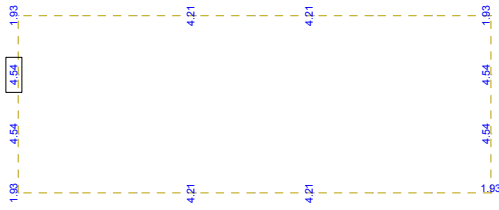
M 1 : 128
 Sector of system Group 0
 Bending moment m_{xx} in local x in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.172 to 0 step 5.00 kNm/m

M 1 : 128

X
 Z-Y

Sector of system Group 0
 Membrane force n_{xx} in local x in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from 1.93 to 4.54 step 20.0 kN/m

M 1 : 128



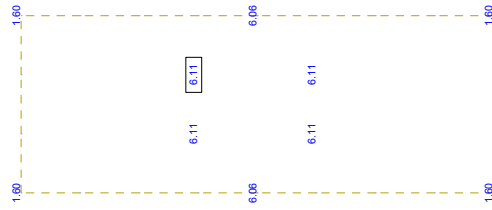
M 1 : 128
 Sector of system Group 0
 Bending moment m_{yy} in local y in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.682 to 0 step 5.00 kNm/m

M 1 : 128

X
 Z-Y

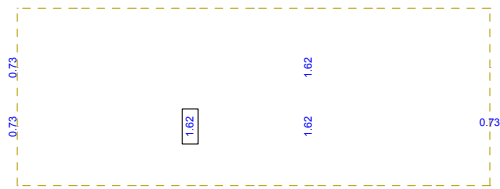
Sector of system Group 0
 Membrane force n_{yy} in local y in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from 1.60 to 6.11 step 20.0 kN/m

M 1 : 128



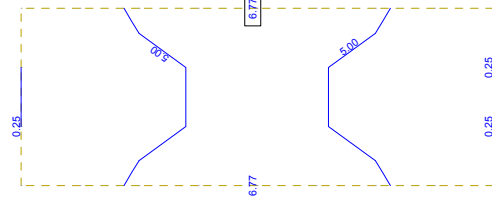
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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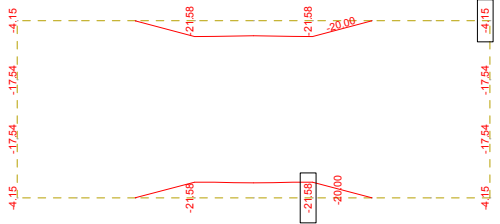
X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΓΑΙΩΝ , from 0.731 to 5.00 step 5.00 kNm/m

M 1 : 128
 ↕ , Loadcase 3 ΩΘΗΣΗ



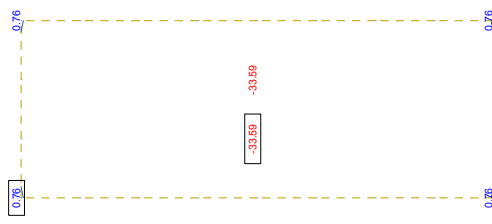
X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΓΑΙΩΝ , from 0.250 to 6.77 step 5.00 kNm/m

M 1 : 128
 ↔ , Loadcase 3 ΩΘΗΣΗ



X
 Z-Y
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΓΑΙΩΝ , from -21.6 to -4.15 step 20.0 kN/m

M 1 : 128
 ↕ , Loadcase 3 ΩΘΗΣΗ

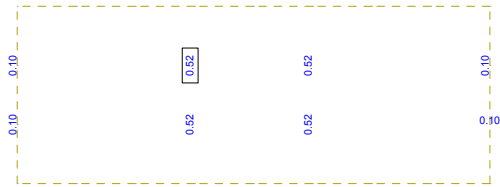


X
 Z-Y
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΓΑΙΩΝ , from -33.6 to 0.759 step 20.0 kN/m

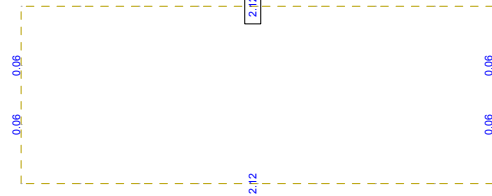
M 1 : 128
 ↔ , Loadcase 3 ΩΘΗΣΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

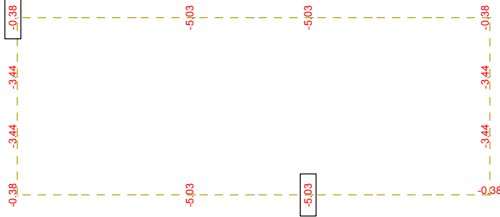
SOFISTIK AG - www.sofistik.com



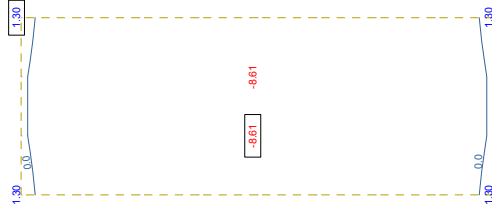
X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 KINHΤΩΝ , from 0.101 to 0.518 step 5.00 kNm/m
 M 1 : 128
 X
 Z-Y
 ↕ , Loadcase 4 ΩΘΗΣΗ



X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 KINHΤΩΝ , from 0.0595 to 2.12 step 5.00 kNm/m
 M 1 : 128
 X
 Z-Y
 ↔ , Loadcase 4 ΩΘΗΣΗ



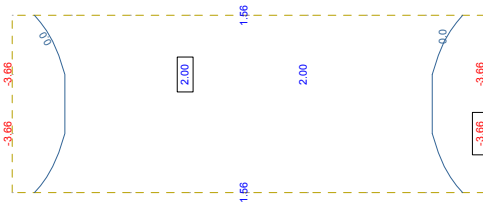
X
 Z-Y
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 KINHΤΩΝ , from -5.03 to 0 step 20.0 kN/m
 M 1 : 128
 X
 Z-Y
 ↕ , Loadcase 4 ΩΘΗΣΗ



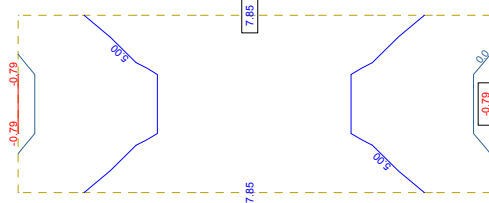
X
 Z-Y
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 KINHΤΩΝ , from -8.61 to 1.30 step 20.0 kN/m
 M 1 : 128
 X
 Z-Y
 ↔ , Loadcase 4 ΩΘΗΣΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

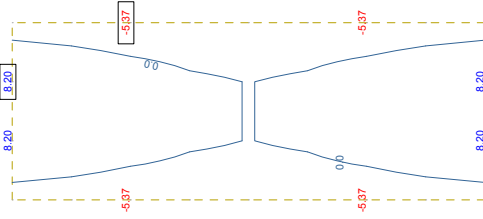
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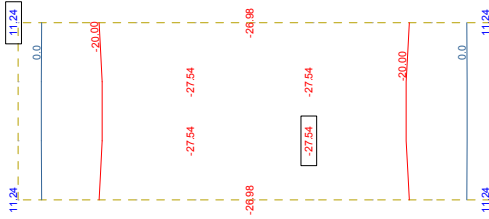
M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -3.66 to 3.66 step 5.00 kNm/m



M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -0.789 to 0.785 step 5.00 kNm/m



M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -5.37 to 5.37 step 20.0 kN/m



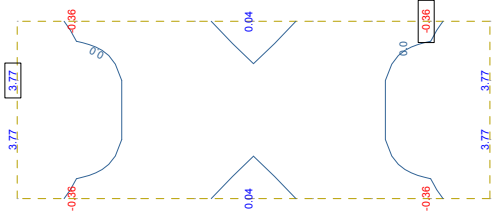
M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -27.5 to 27.5 step 20.0 kN/m

M 1 : 128

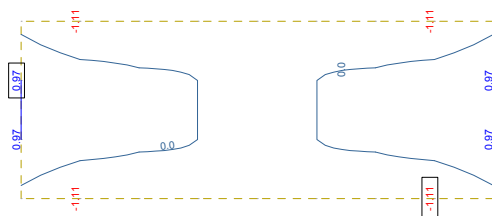
↔, Loadcase 5 ΔΥΝΑΜΙΚΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

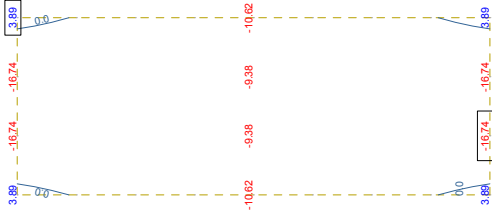
SOFISTIK AG - www.sofistik.com



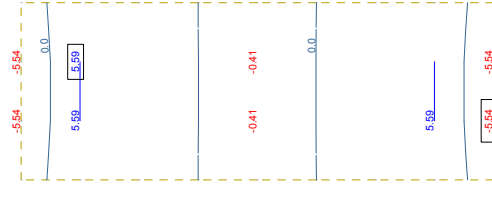
M 1 : 128
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -0.365 to 3.77 step 5.00 kNm/m



M 1 : 128
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -1.11 to 0.970 step 5.00 kNm/m



M 1 : 128
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -16.7 to 3.89 step 20.0 kN/m



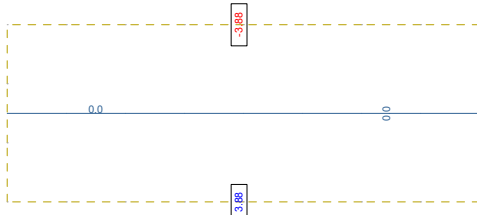
M 1 : 128
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -5.54 to 5.59 step 20.0 kN/m

M 1 : 128

↔, Loadcase 6 ΔΥΝΑΜΙΚΗ

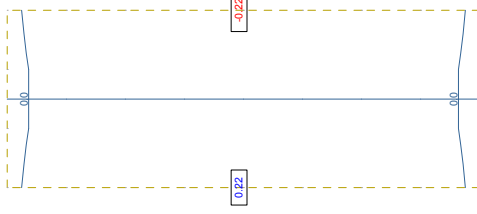
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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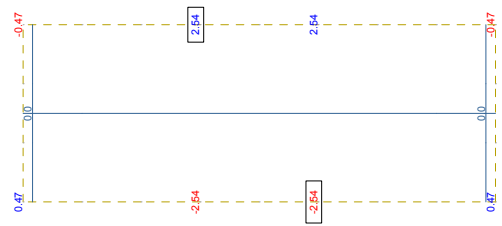
M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ↕, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -3.88 to 3.88 step 20.0 kN/m

M 1 : 128
 X
 Z-Y



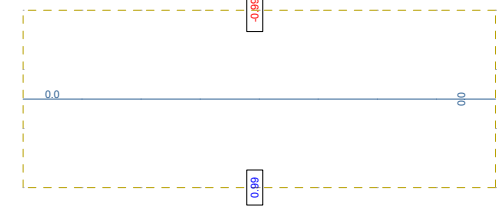
Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ↕, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.225 to 0.225 step 5.00 kNm/m

X
 Z-Y



M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ↔, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -2.54 to 2.54 step 20.0 kN/m

M 1 : 128
 X
 Z-Y

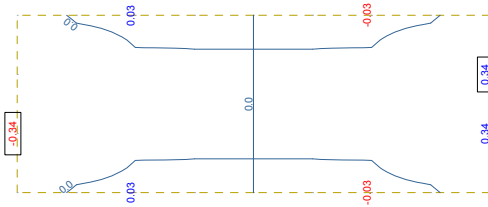


Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ↔, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.988 to 0.988 step 5.00 kNm/m

X
 Z-Y

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ↕ , Loadcase 8
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.335 to 0.335 step 5.00 kNm/m

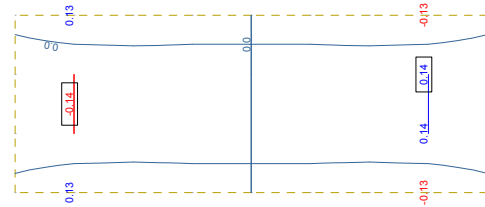
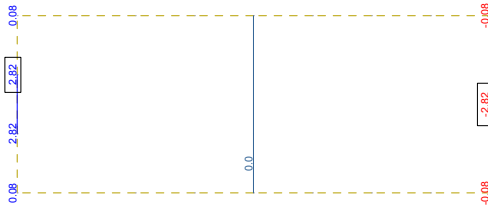
M 1 : 128

X
 Z-Y

M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ↕ , Loadcase 8
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -2.82 to 2.82 step 20.0 kN/m

M 1 : 128

X
 Z-Y



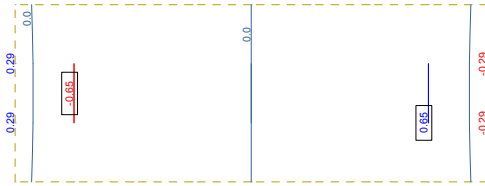
M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ↕ , Loadcase 8
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.138 to 0.138 step 5.00 kNm/m

M 1 : 128

X
 Z-Y

M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ↔ , Loadcase 8
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.650 to 0.650 step 20.0 kN/m

M 1 : 128

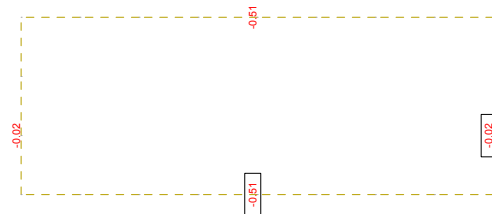


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

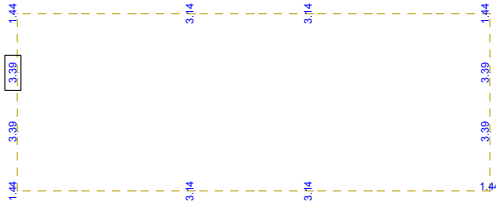
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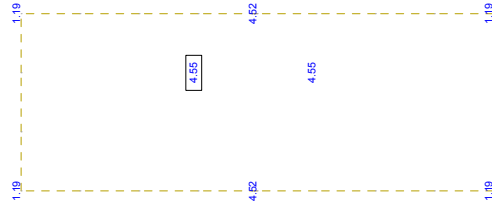
M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.128 to 0 step 5.00 kNm/m
 X
 Z-Y



M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.508 to 0 step 5.00 kNm/m
 X
 Z-Y



M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from 1.44 to 3.39 step 20.0 kN/m
 X
 Z-Y



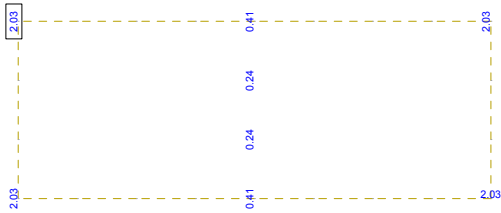
M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from 1.19 to 4.55 step 20.0 kN/m
 X
 Z-Y

M 1 : 128

M 1 : 128

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from 0.236 to 2.03 step 5.00 kNm/m
 ↕ , Loadcase 10 ΣΥΣΤΟΛΗ

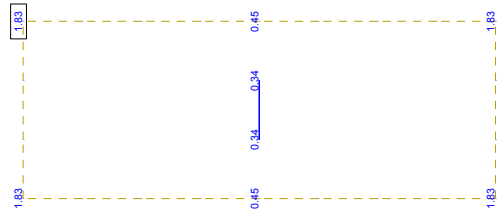
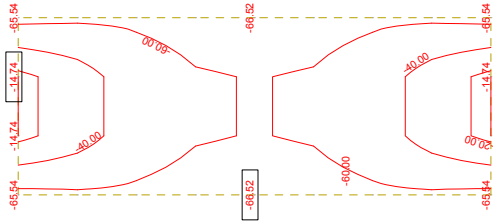
M 1 : 128

Sector of system Group 0

Membrane force n-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from -66.5 to -14.7 step 20.0 kN/m

↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128



X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from 0.343 to 2.09 step 5.00 kNm/m
 ↔ , Loadcase 10 ΣΥΣΤΟΛΗ

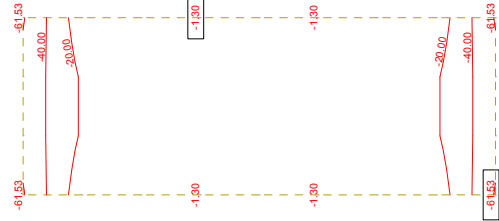
M 1 : 128

Sector of system Group 0

Membrane force n-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from -61.5 to -1.30 step 20.0 kN/m

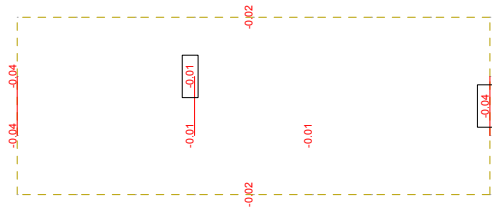
↔ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128

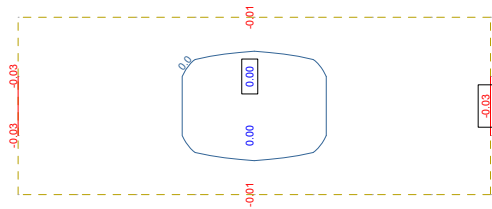


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

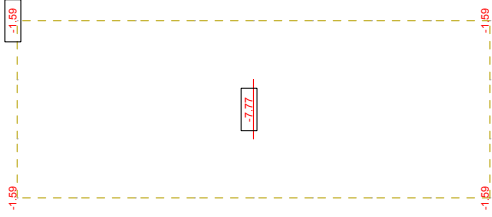
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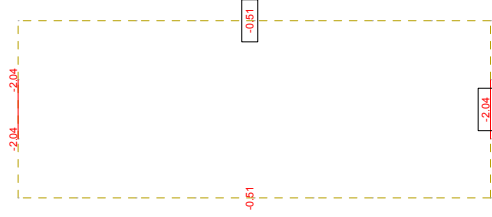
M 1 : 128
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.0432 to 0 step 5.00 kN/m/m
 ↕ , Loadcase 11



M 1 : 128
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.0255 to 0.0045 step 5.00
 ↔ , Loadcase 11



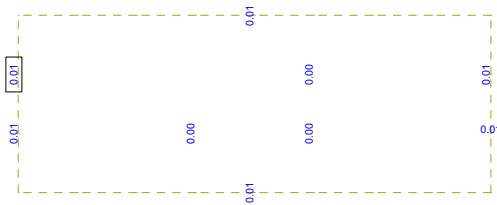
M 1 : 128
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -7.77 to 0 step 20.0 kN/m
 ↕ , Loadcase 11



M 1 : 128
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -2.04 to 0 step 20.0 kN/m
 ↔ , Loadcase 11

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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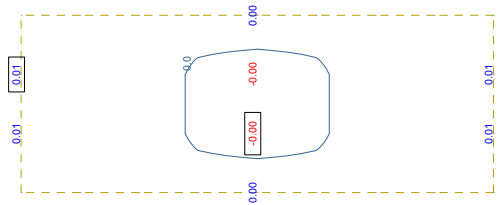
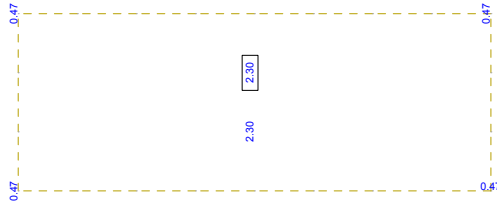
X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0.0036 to 0.0128 step 5.00
 ↕ , Loadcase 12

M 1 : 128

X
 Z-Y

Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0.471 to 2.30 step 20.0 kN/m
 ↕ , Loadcase 12

M 1 : 128



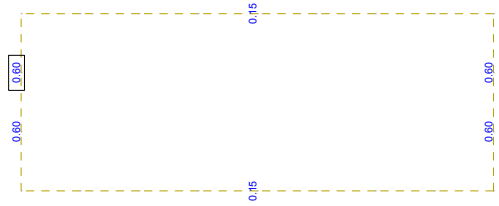
X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0 to 0.0075 step 5.00 kNm/m
 ↔ , Loadcase 12

M 1 : 128

X
 Z-Y

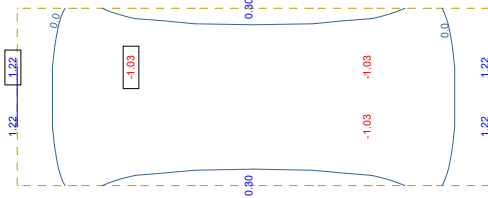
Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0.151 to 0.603 step 20.0 kN/m
 ↔ , Loadcase 12

M 1 : 128

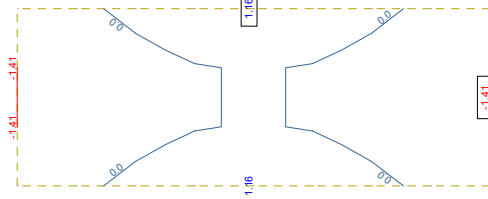


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

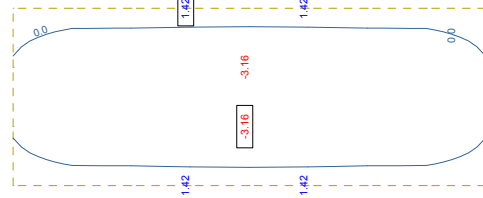
SOFISTIK AG - www.sofistik.com



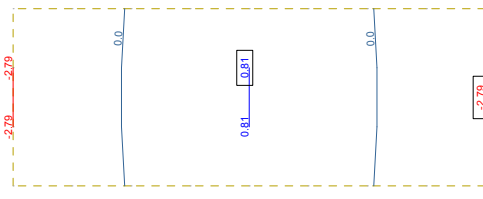
M 1 : 128
 X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.03 to 1.22 step 5.00 kNm/m
 ↕ , Loadcase 101 KINHTA



M 1 : 128
 X
 Z-Y
 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.41 to 1.16 step 20.0 kN/m
 ↕ , Loadcase 101 KINHTA



M 1 : 128
 X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -3.16 to 1.42 step 5.00 kNm/m
 ↔ , Loadcase 101 KINHTA



M 1 : 128
 X
 Z-Y
 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -2.79 to 0.809 step 20.0 kN/m
 ↔ , Loadcase 101 KINHTA

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -1.62 to 0 step 5.00 kNm/m

M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from 4.15 to 21.6 step 20.0 kN/m



M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -6.77 to -0.250 step 5.00

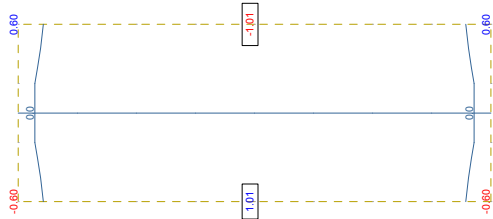
M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -0.759 to 33.6 step 20.0 kN/m

M 1 : 128

M 1 : 128

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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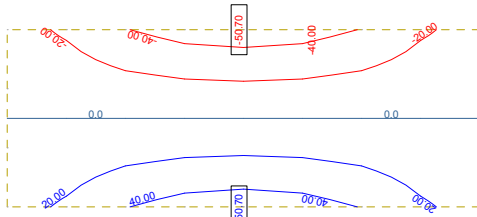


M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -1.01 to 1.01 step 10.0 kNm/m
 X
 Z-Y

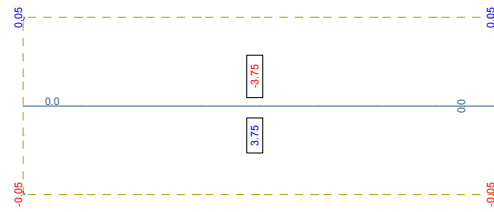
M 1 : 128

X
 Z-Y

M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -50.7 to 50.7 step 20.0 kN/m
 ↑ , Loadcase 107



M 1 : 128

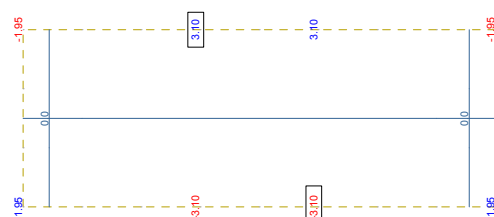


M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -3.75 to 3.75 step 10.0 kNm/m
 X
 Z-Y

M 1 : 128

X
 Z-Y

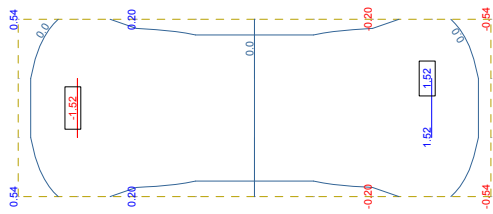
M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -3.10 to 3.10 step 20.0 kN/m
 ↔ , Loadcase 107



M 1 : 128

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

SOFISTIK AG - www.sofistik.com



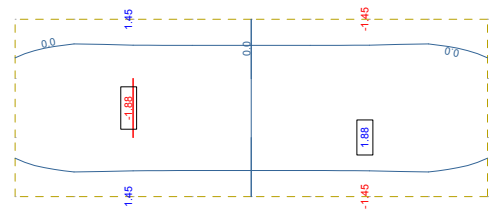
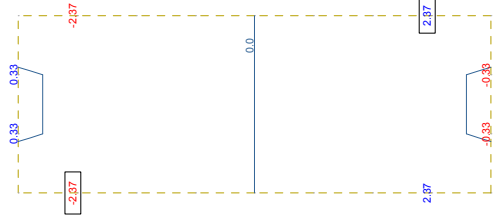
M 1 : 128 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -1.52 to 1.52 step 10.0 kNm/m

M 1 : 128

X
 Z-Y

M 1 : 128 Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -2.37 to 2.37 step 20.0 kN/m

M 1 : 128



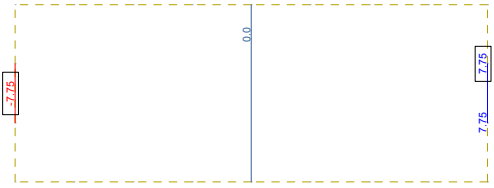
M 1 : 128 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -1.88 to 1.88 step 10.0 kNm/m

M 1 : 128

X
 Z-Y

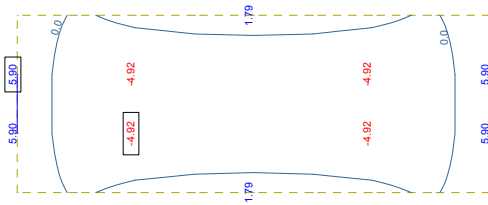
M 1 : 128 Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -7.75 to 7.75 step 20.0 kN/m

M 1 : 128



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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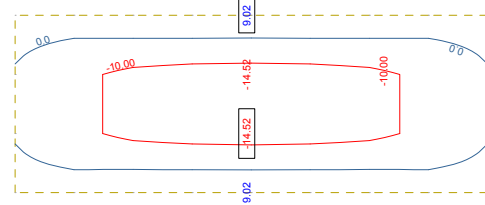
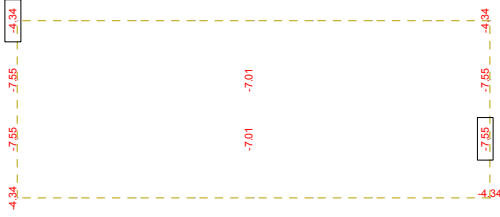
X
 Z-Y
 Sector of system Group 0
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -4.92 to 5.90 step 10.0 kNm/m
 ↕ , Loadcase 109

M 1 : 128

X
 Z-Y

Sector of system Group 0
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -7.55 to 0 step 20.0 kN/m
 ↕ , Loadcase 109

M 1 : 128



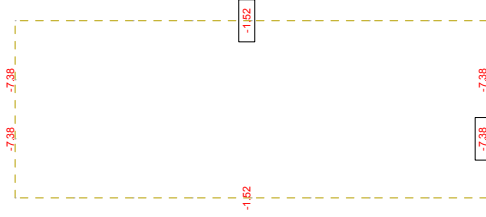
X
 Z-Y
 Sector of system Group 0
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -14.5 to 9.02 step 10.0 kNm/m
 ↕ , Loadcase 109

M 1 : 128

X
 Z-Y

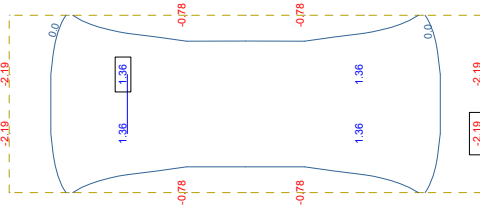
Sector of system Group 0
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -7.38 to 0 step 20.0 kN/m
 ↔ , Loadcase 109

M 1 : 128



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

SOFISTIK AG - www.sofistik.com

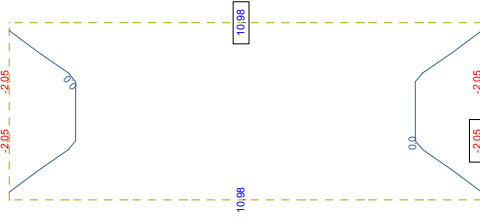


X
 \bar{z} -Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 , from -2.19 to 1.36 step 5.00 kNm/m

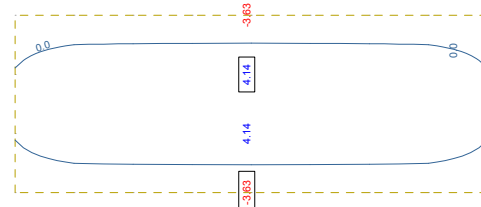
M 1 : 128

X
 \bar{z} -Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 , from -2.05 to 11.0 step 20.0 kN/m

M 1 : 128



↕, Loadcase 1 MONIMA

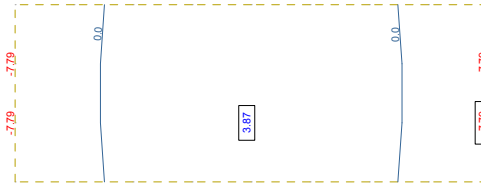


X
 \bar{z} -Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 , from -3.63 to 4.14 step 5.00 kNm/m

M 1 : 128

X
 \bar{z} -Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 , from -7.79 to 3.87 step 20.0 kN/m

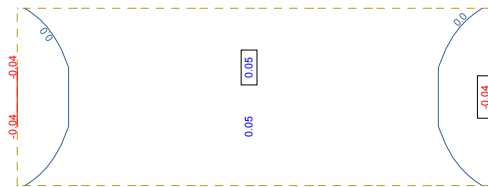
M 1 : 128



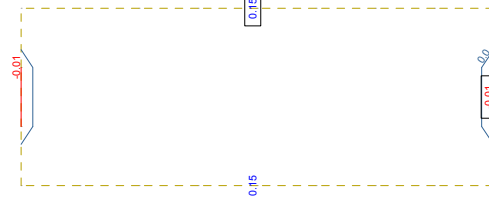
↔, Loadcase 1 MONIMA

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

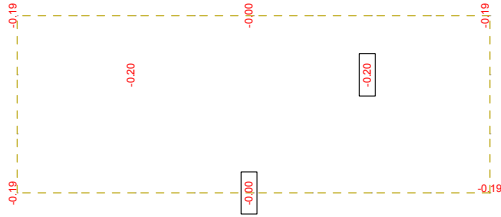
SOFISTIK AG - www.sofistik.com



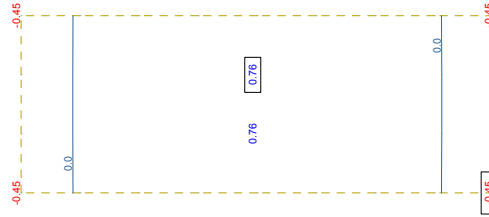
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ↕ , Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΠΛΗΡΗΣ , from -0.0419 to 0.0457 step 5.00 kNm/m



M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ↔ , Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΠΛΗΡΗΣ , from -0.0092 to 0.148 step 5.00 kNm/m



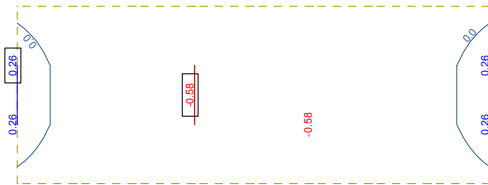
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ↕ , Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΠΛΗΡΗΣ , from -0.200 to 0 step 20.0 kN/m



M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ↔ , Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΠΛΗΡΗΣ , from -0.450 to 0.759 step 20.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

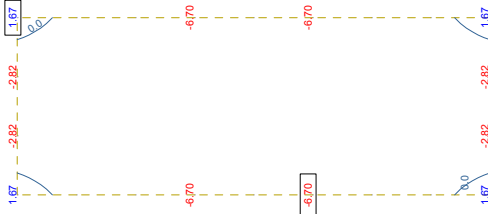
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X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΓΑΙΩΝ , from -0.584 to 0.258 step 5.00 kNm/m

M 1 : 128

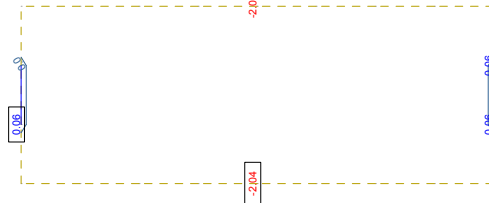
↕ , Loadcase 3 ΩΘΗΣΗ



X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΓΑΙΩΝ , from -6.70 to 1.67 step 20.0 kN/m

M 1 : 128

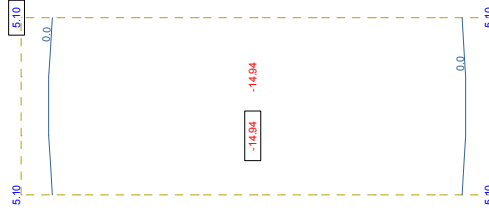
↕ , Loadcase 3 ΩΘΗΣΗ



X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΓΑΙΩΝ , from -2.04 to 0.0612 step 5.00 kNm/m

M 1 : 128

↔ , Loadcase 3 ΩΘΗΣΗ



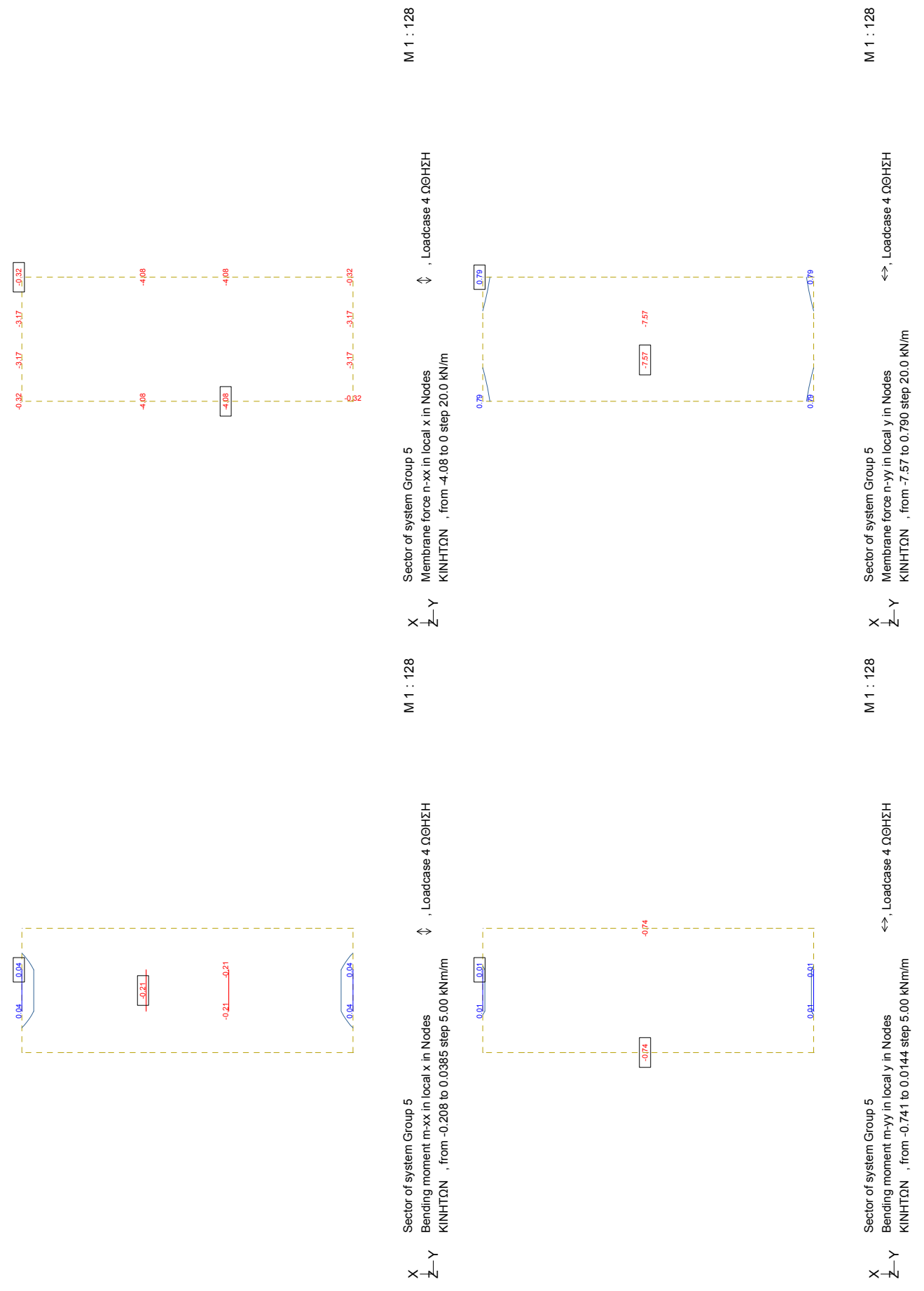
X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΓΑΙΩΝ , from -14.9 to 5.10 step 20.0 kN/m

M 1 : 128

↔ , Loadcase 3 ΩΘΗΣΗ

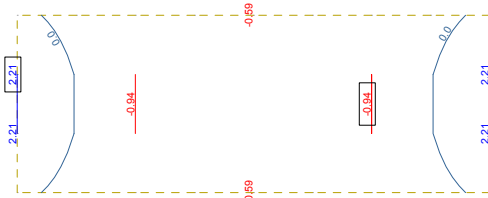
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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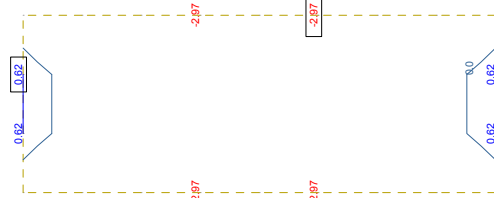
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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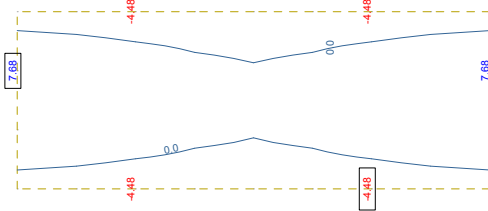
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -0.942 to 2.21 step 5.00 kNm/m

↕, Loadcase 5 ΔΥΝΑΜΙΚΗ



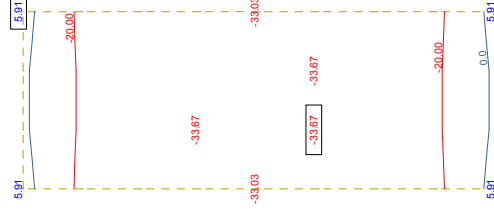
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -2.97 to 0.617 step 5.00 kNm/m

↔, Loadcase 5 ΔΥΝΑΜΙΚΗ



M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -4.48 to 7.68 step 20.0 kN/m

↕, Loadcase 5 ΔΥΝΑΜΙΚΗ

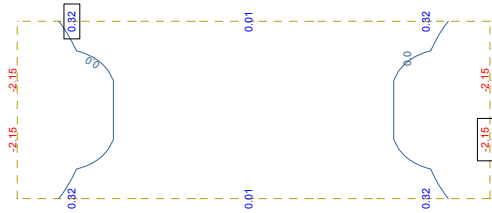


M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -33.7 to 5.91 step 20.0 kN/m

↔, Loadcase 5 ΔΥΝΑΜΙΚΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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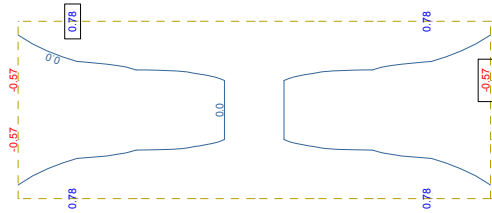
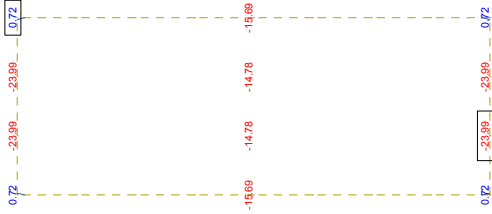


X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -2.15 to 0.318 step 5.00 kNm/m
 ↕ , Loadcase 6 ΔΥΝΑΜΙΚΗ

M 1 : 128

X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -24.0 to 0.725 step 20.0 kN/m
 ↕ , Loadcase 6 ΔΥΝΑΜΙΚΗ

M 1 : 128

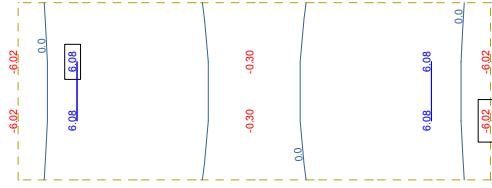


X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -0.574 to 0.782 step 5.00 kNm/m
 ↔ , Loadcase 6 ΔΥΝΑΜΙΚΗ

M 1 : 128

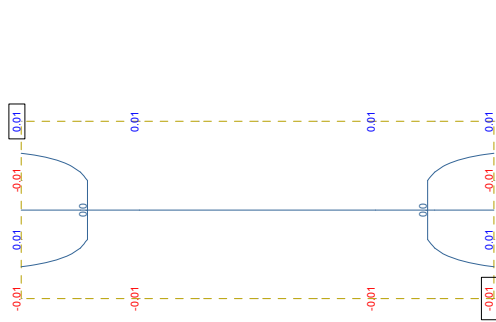
X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -6.02 to 6.08 step 20.0 kN/m
 ↔ , Loadcase 6 ΔΥΝΑΜΙΚΗ

M 1 : 128



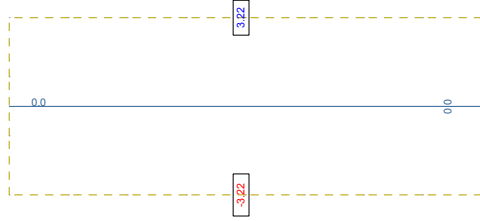
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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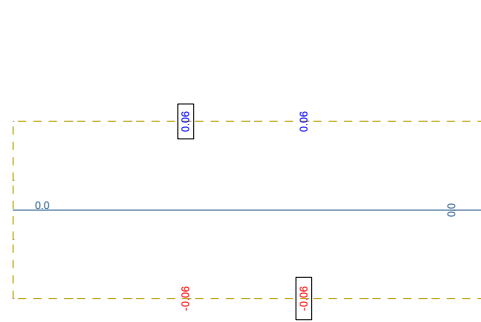
M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ↕ , Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.0061 to 0.0061 step 5.00

X
 Z-Y



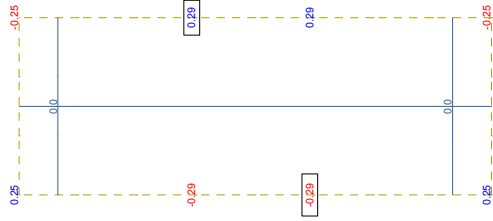
M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ↕ , Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -3.22 to 3.22 step 20.0 kN/m

X
 Z-Y



M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ↔ , Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.0649 to 0.0649 step 5.00

X
 Z-Y

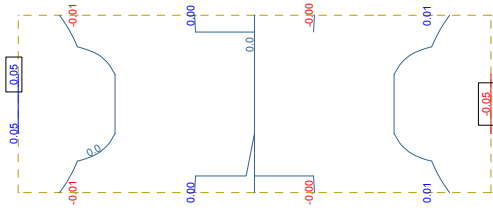


M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ↔ , Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.286 to 0.286 step 20.0 kN/m

X
 Z-Y

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
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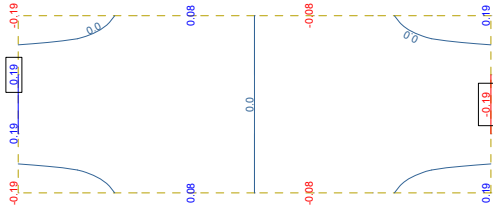
M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.0522 to 0.0522 step 5.00

M 1 : 128

Sector of system Group 5

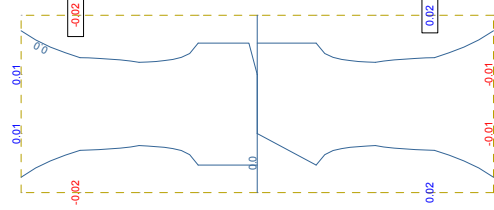
Membrane force n-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.191 to 0.191 step 20.0 kN/m

M 1 : 128



Membrane force n-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.191 to 0.191 step 20.0 kN/m

M 1 : 128



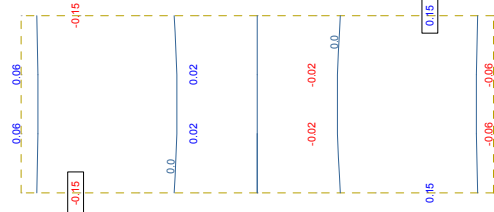
M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.0216 to 0.0216 step 5.00

M 1 : 128

Sector of system Group 5

Membrane force n-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.150 to 0.150 step 20.0 kN/m

M 1 : 128

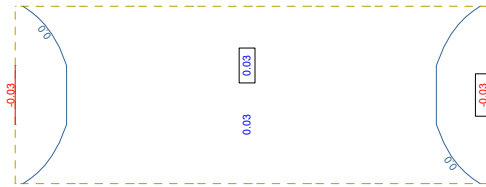


Membrane force n-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.150 to 0.150 step 20.0 kN/m

M 1 : 128

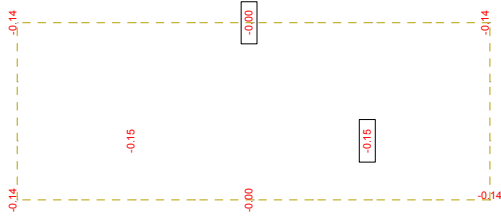
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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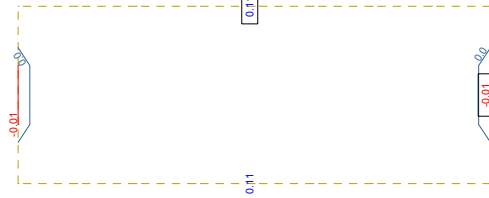


M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.0312 to 0.0340 step 5.00 kNm/m

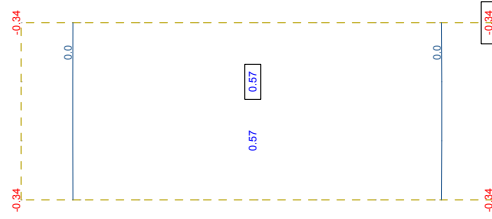
M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.149 to 0 step 20.0 kN/m



M 1 : 128



M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.0068 to 0.110 step 5.00 kNm/m

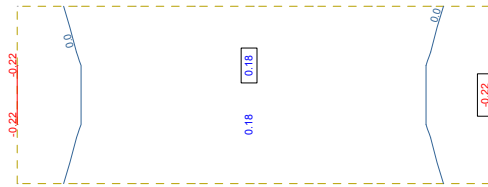


M 1 : 128

M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.335 to 0.566 step 20.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
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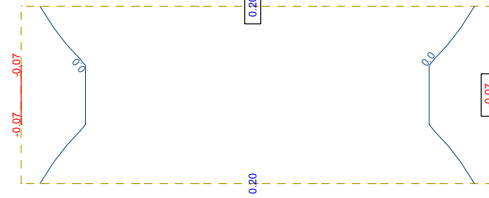
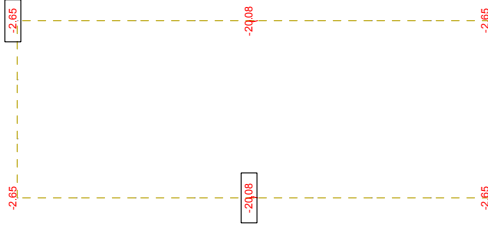
X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from -0.223 to 0.182 step 5.00 kNm/m
 ↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128

X
 Z-Y
 Sector of system Group 5

Membrane force n-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from -20.1 to -2.65 step 20.0 kN/m
 ↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128



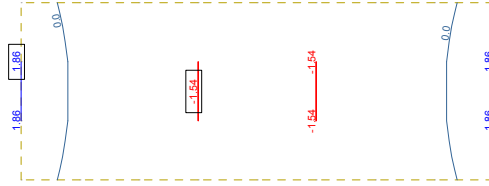
X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from -0.0684 to 0.197 step 5.00 kNm/m
 ↔ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128

X
 Z-Y
 Sector of system Group 5

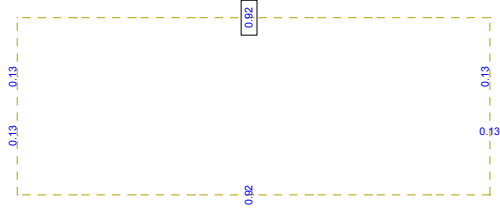
Membrane force n-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from -1.54 to 1.86 step 20.0 kN/m
 ↔ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 128

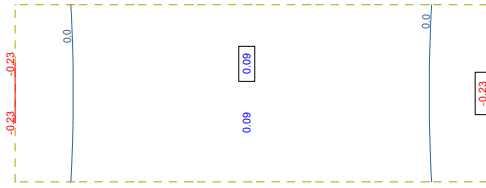


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

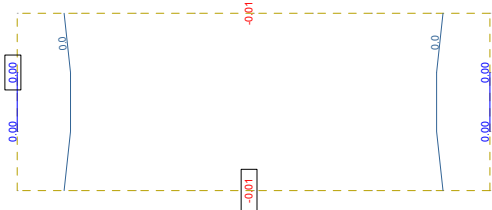
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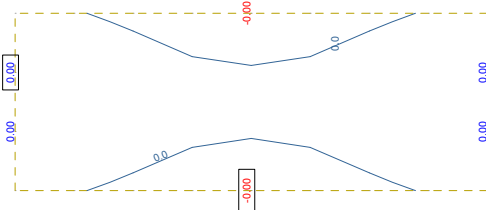
M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from 0.126 to 0.922 step 20.0 kN/m



M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.225 to 0.0926 step 20.0



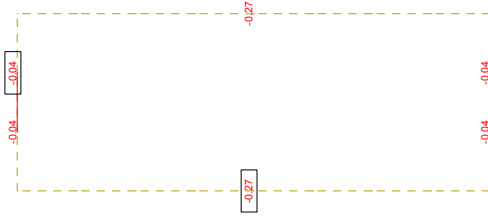
M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.0061 to 0.0048 step 5.00



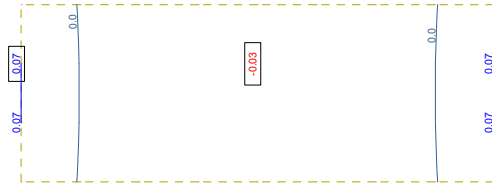
M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from 0 to 0.0026 step 5.00 kNm/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

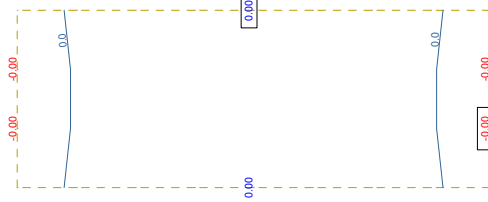
SOFISTIK AG - www.sofistik.com



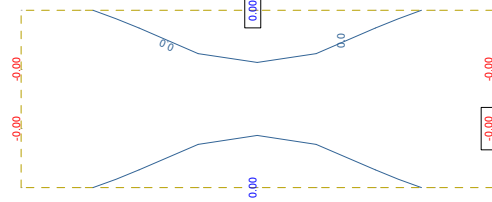
M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.273 to 0 step 20.0 kN/m



M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.0274 to 0.0668 step 20.0



M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0 to 0.0018 step 5.00 kNm/m

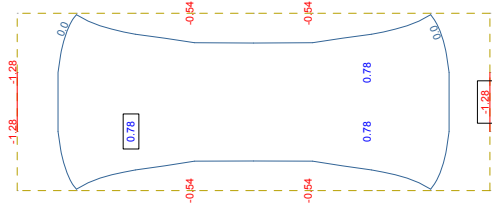


M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from 0 to 3.4254e-04 step 5.00



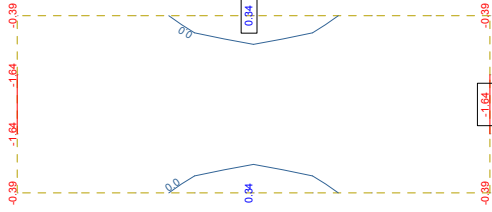
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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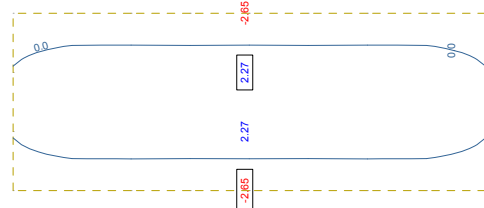
X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.28 to 0.778 step 5.00 kNm/m

M 1 : 128
 ↕ , Loadcase 101 KINHTA



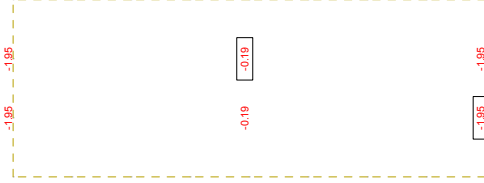
X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.64 to 0.338 step 20.0 kN/m

M 1 : 128
 ↕ , Loadcase 101 KINHTA



X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -2.65 to 2.27 step 5.00 kNm/m

M 1 : 128
 ↔ , Loadcase 101 KINHTA

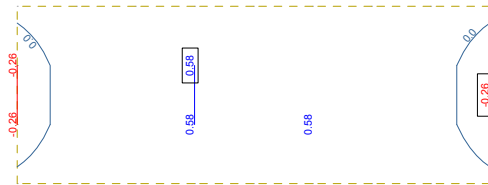


X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -1.95 to 0 step 20.0 kN/m

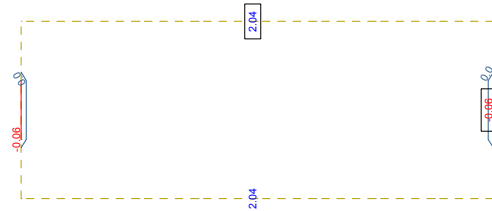
M 1 : 128
 ↔ , Loadcase 101 KINHTA

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

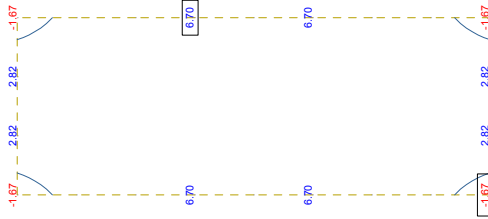
SOFISTIK AG - www.sofistik.com



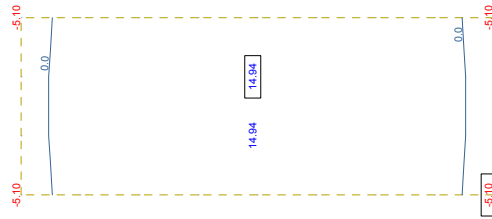
M 1 : 128
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ↕ , Loadcase 102
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -0.258 to 0.584 step 5.00



M 1 : 128
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ↔ , Loadcase 102
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -0.0612 to 2.04 step 5.00



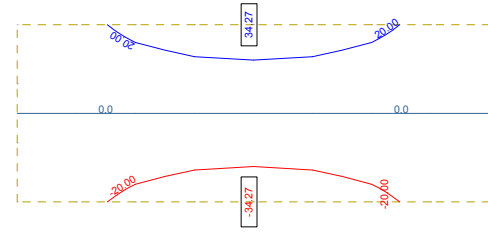
M 1 : 128
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ↕ , Loadcase 102
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -1.67 to 6.70 step 20.0 kN/m



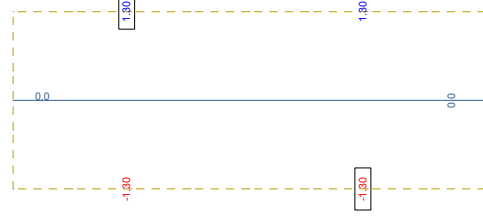
M 1 : 128
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ↔ , Loadcase 102
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -5.10 to 14.9 step 20.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

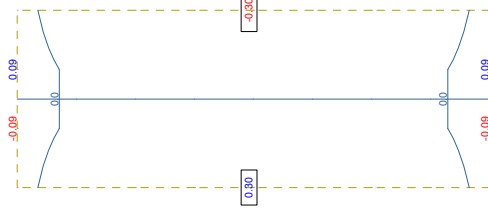
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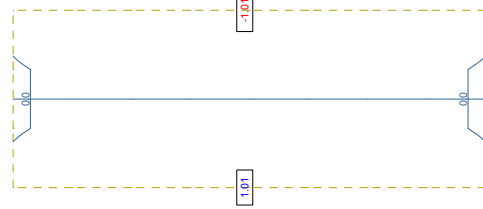
M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -34.3 to 34.3 step 20.0 kN/m



M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -1.30 to 1.30 step 20.0 kN/m



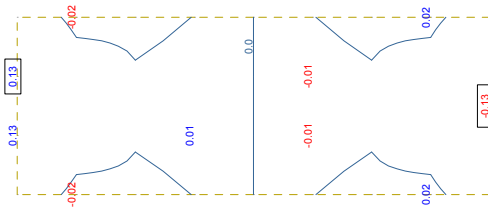
M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -0.297 to 0.297 step 10.0



M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -1.01 to 1.01 step 10.0 kNm/m

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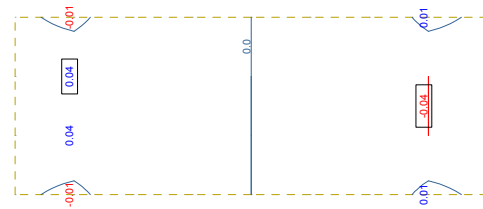
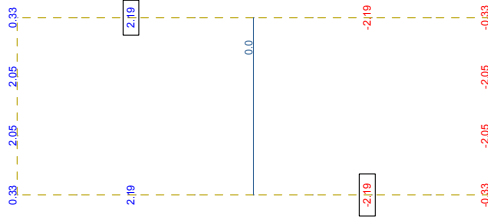
M 1 : 128 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -0.134 to 0.134 step 10.0

M 1 : 128

X
 Z-Y

M 1 : 128 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -2.19 to 2.19 step 20.0 kN/m

M 1 : 128



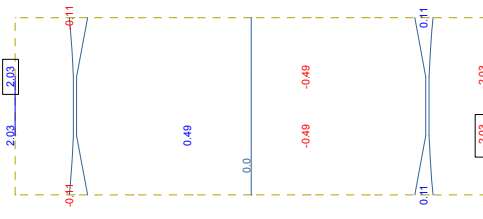
M 1 : 128 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -0.0376 to 0.0376 step 10.0

M 1 : 128

X
 Z-Y

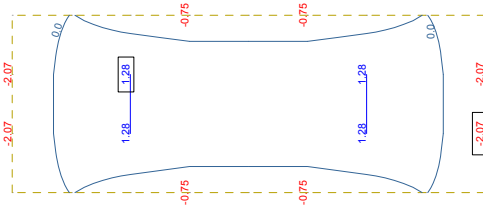
M 1 : 128 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -2.03 to 2.03 step 20.0 kN/m

M 1 : 128

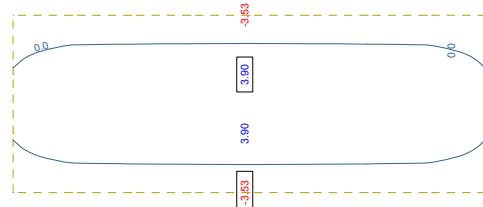


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

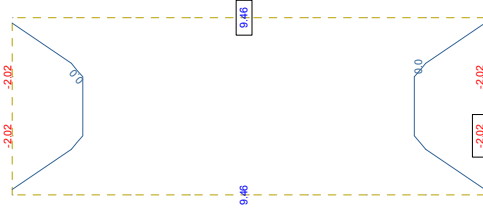
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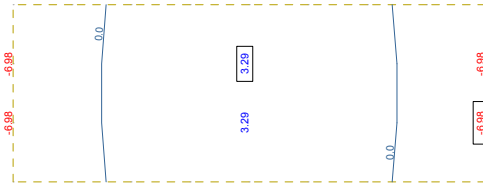
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -2.07 to 1.28 step 10.0 kNm/m
 ↕ , Loadcase 109



M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -3.53 to 3.90 step 10.0 kNm/m
 ↔ , Loadcase 109



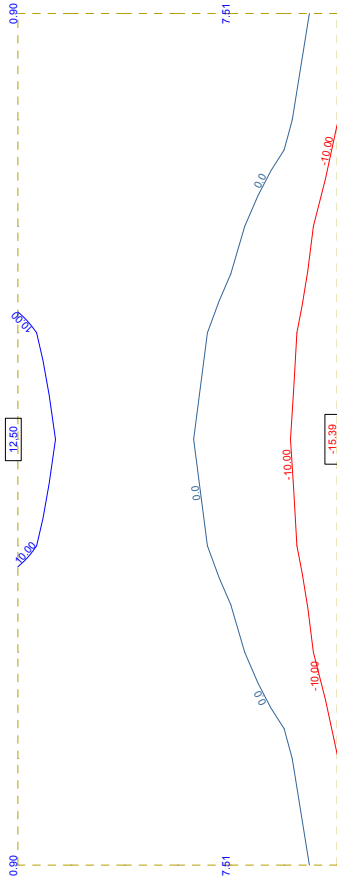
M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -2.02 to 9.46 step 20.0 kN/m
 ↕ , Loadcase 109



M 1 : 128
 X
 Z-Y
 Sector of system Group 5
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -6.98 to 3.29 step 20.0 kN/m
 ↔ , Loadcase 109

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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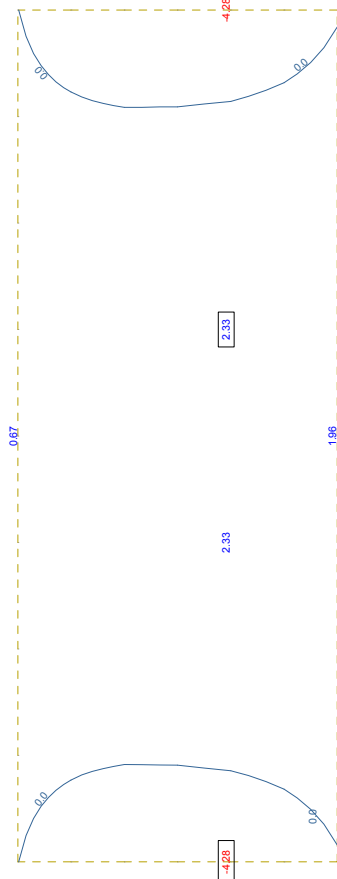


M 1 : 71

↔, Loadcase 1 MONIMA

Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 , from -15.4 to 12.5 step 10.0 kN/m

Y-X
Z

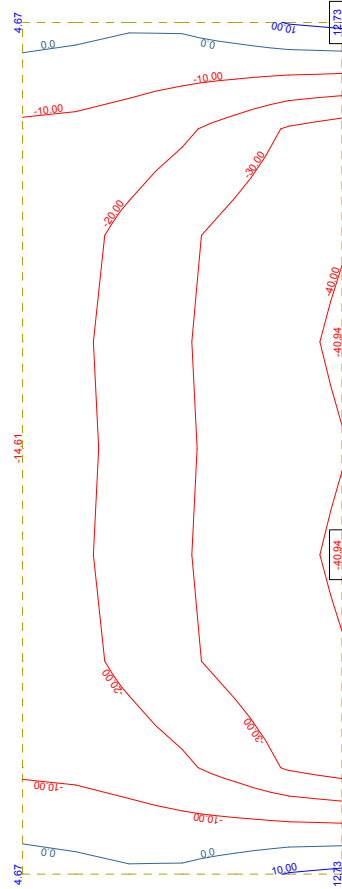


M 1 : 71

↔, Loadcase 1 MONIMA

Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 , from -4.28 to 2.33 step 10.0 kNm/m

Y-X
Z

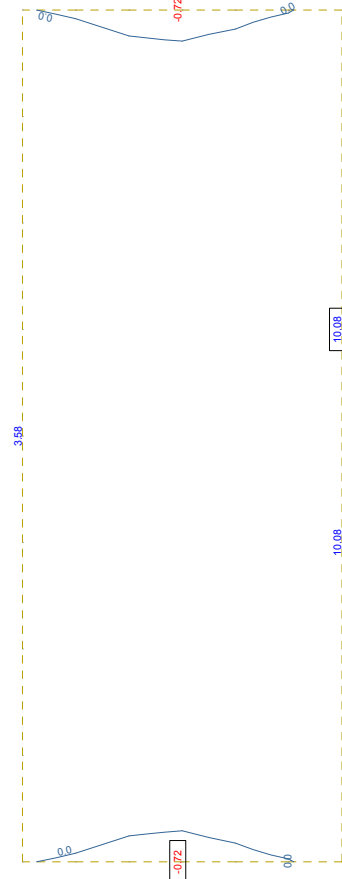


M 1 : 71

↕, Loadcase 1 MONIMA

Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 , from -40.9 to 12.7 step 10.0 kN/m

Y-X
Z



M 1 : 71

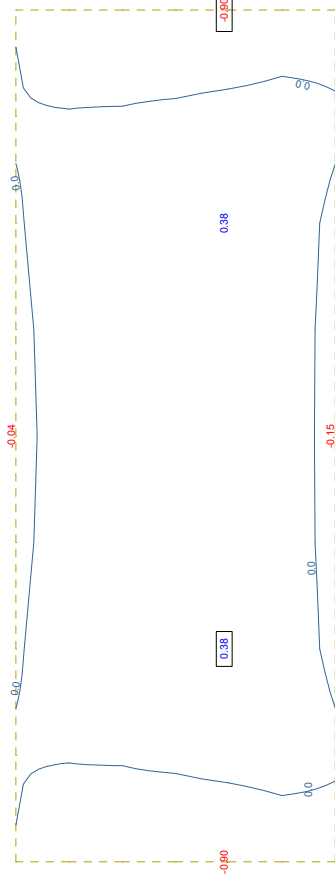
↕, Loadcase 1 MONIMA

Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 , from -0.724 to 10.1 step 10.0 kNm/m

Y-X
Z

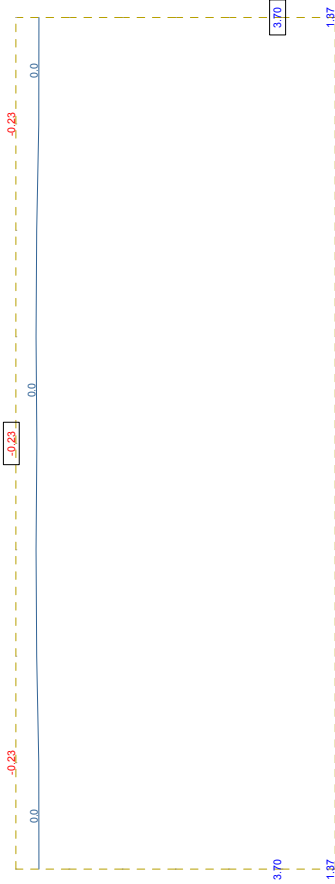
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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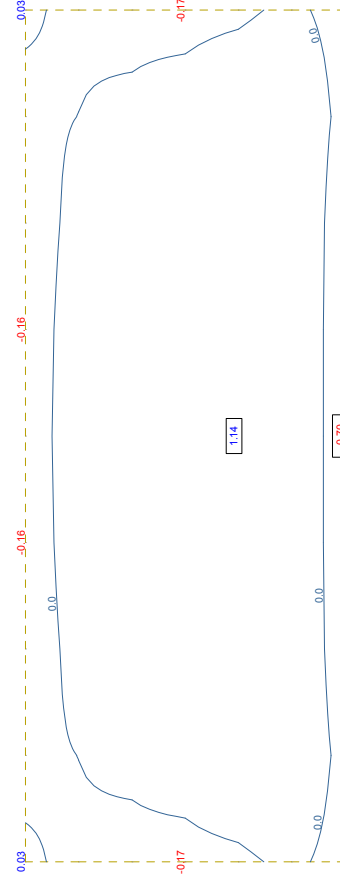
M 1 : 71

Y-X
Z



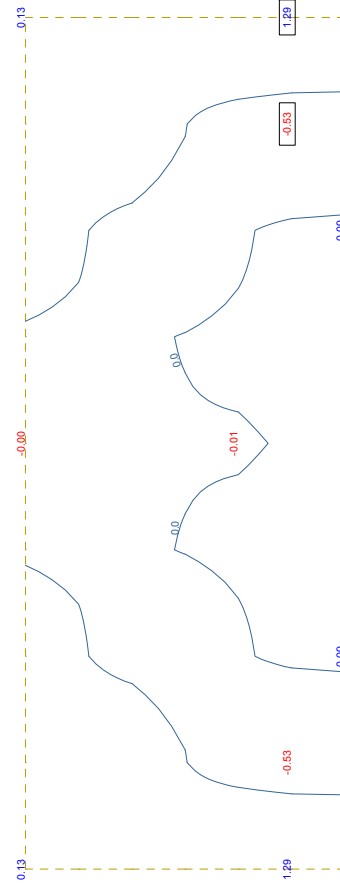
M 1 : 71

Y-X
Z



M 1 : 71

Y-X
Z

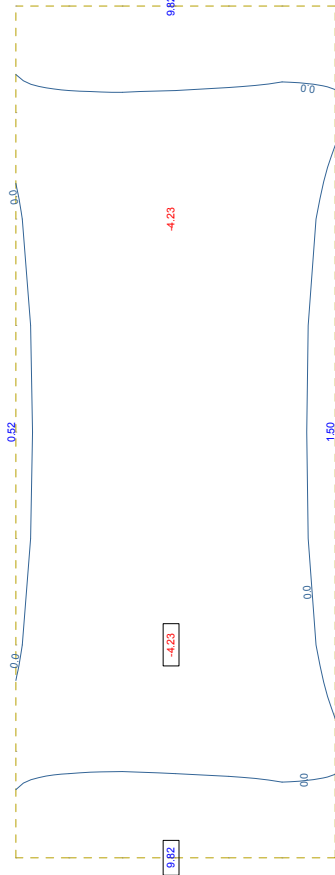


M 1 : 71

Y-X
Z

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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Sector of system Group 1
 Bending moment m_{xx} in local x in Nodes
 ΓΑΙΩΝ , from -4.23 to 9.82 step 10.0 kNm/m

↔ , Loadcase 3 ΩΘΗΣΗ

M 1 : 71

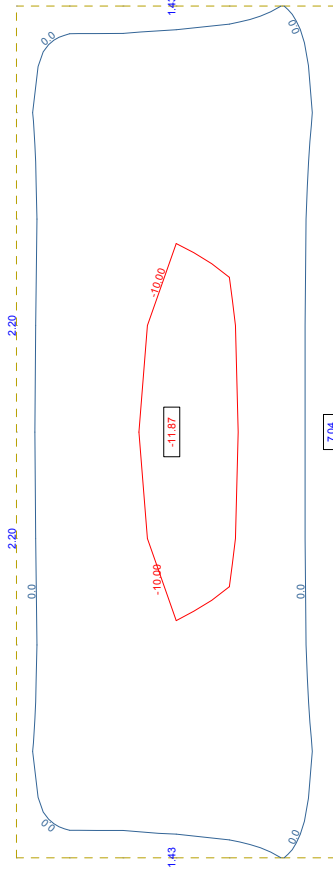
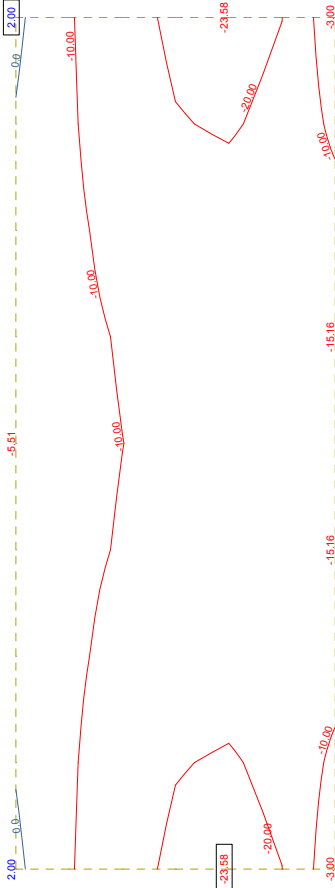
Y-X
Z

Sector of system Group 1

Membrane force n_{xx} in local x in Nodes
 ΓΑΙΩΝ , from -23.6 to 2.00 step 10.0 kN/m

↔ , Loadcase 3 ΩΘΗΣΗ

M 1 : 71



Sector of system Group 1
 Bending moment m_{yy} in local y in Nodes
 ΓΑΙΩΝ , from -11.9 to 7.04 step 10.0 kNm/m

↕ , Loadcase 3 ΩΘΗΣΗ

M 1 : 71

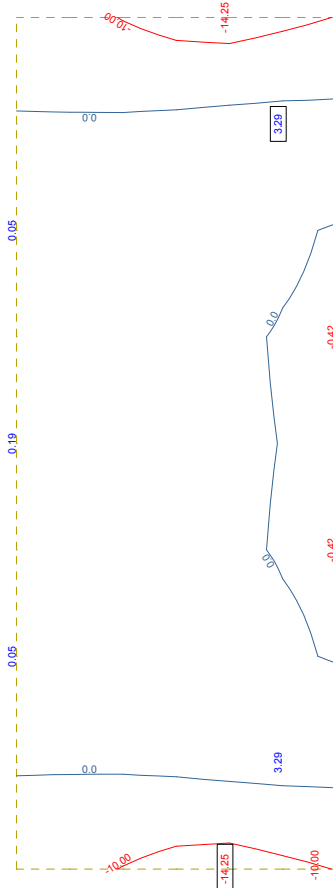
Y-X
Z

Sector of system Group 1

Membrane force n_{yy} in local y in Nodes
 ΓΑΙΩΝ , from -14.3 to 3.29 step 10.0 kN/m

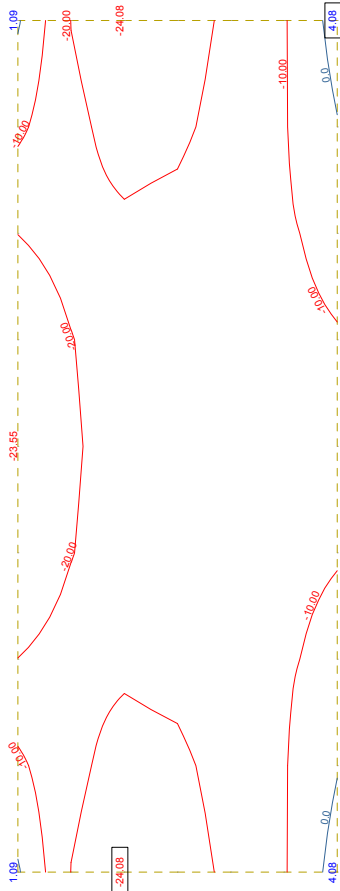
↕ , Loadcase 3 ΩΘΗΣΗ

M 1 : 71



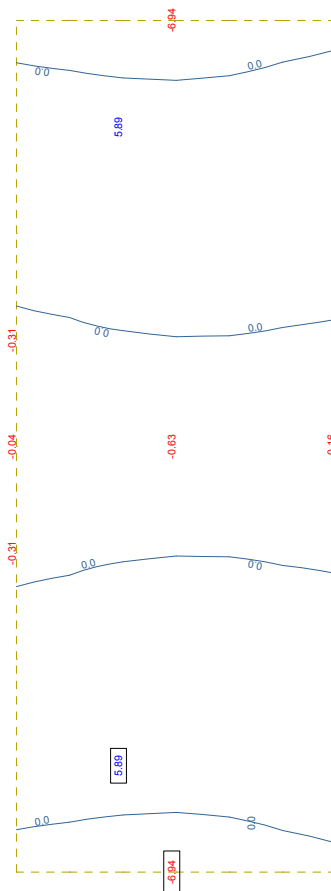
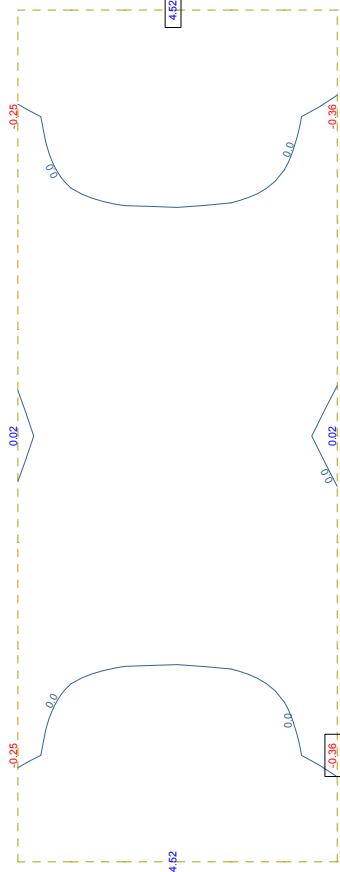
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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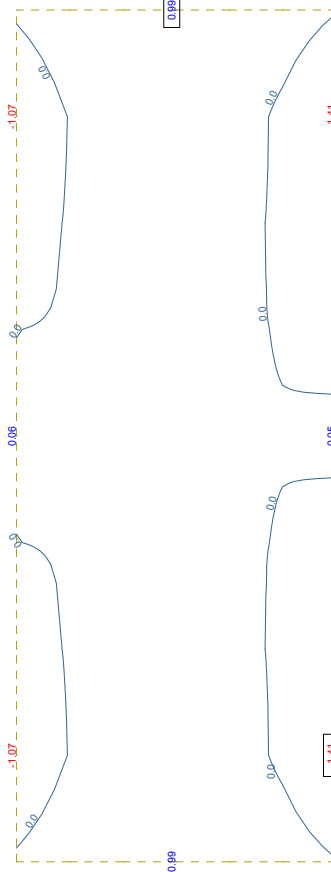


Sector of system Group 1
Membrane force n-xx in local x in Nodes
ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -24.1 to 4.08 step 10.0 kN/m

M 1 : 71
Sector of system Group 1
Bending moment m-xx in local x in Nodes
ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -0.357 to 4.52 step 10.0 kNm/m



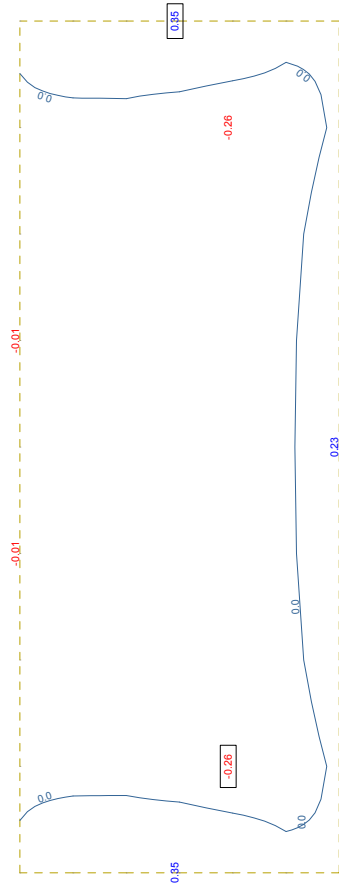
M 1 : 71
Sector of system Group 1
Membrane force n-yy in local y in Nodes
ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -6.94 to 5.89 step 10.0 kN/m



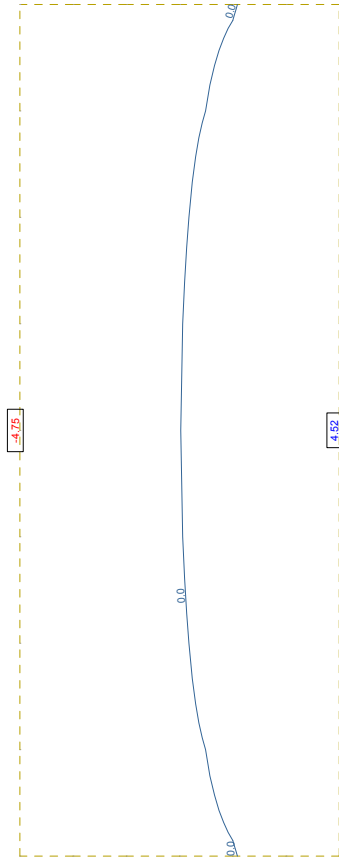
M 1 : 71
Sector of system Group 1
Bending moment m-yy in local y in Nodes
ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -1.41 to 0.989 step 10.0 kNm/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

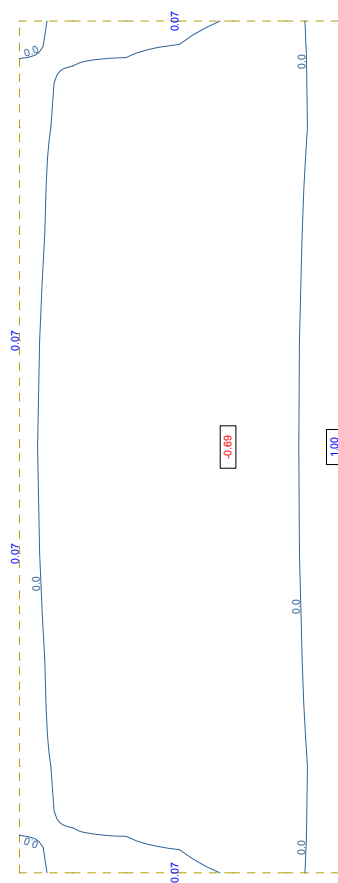
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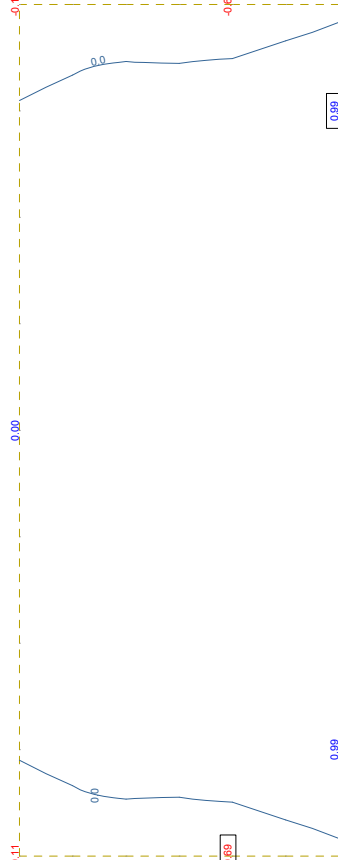
M 1 : 71
 Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 ↔, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.256 to 0.347 step 10.0 kNm/m



M 1 : 71
 Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 ↔, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -4.75 to 4.52 step 10.0 kN/m



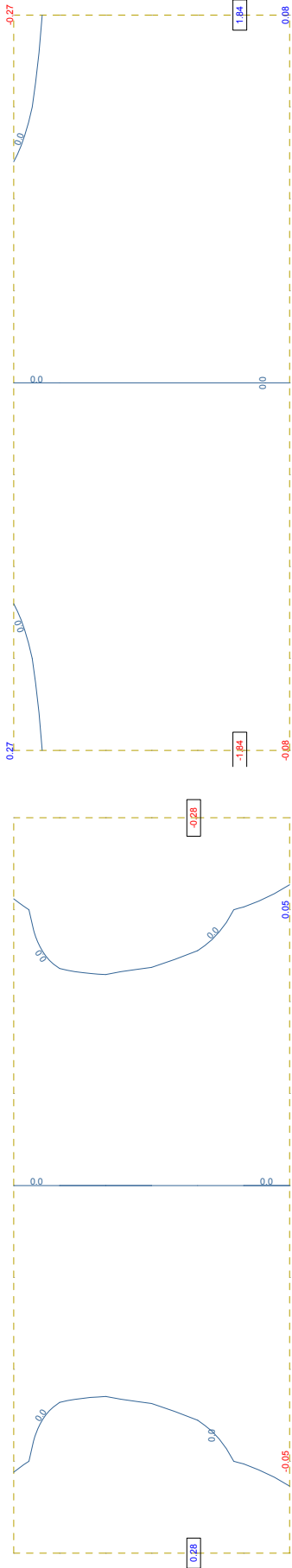
M 1 : 71
 Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 ↕, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.687 to 0.997 step 10.0 kNm/m



M 1 : 71
 Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 ↕, Loadcase 7
 ΥΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.693 to 0.992 step 10.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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Sector of system Group 1
 Bending moment m_{xx} in local x in Nodes
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.275 to 0.275 step 10.0 kNm/m

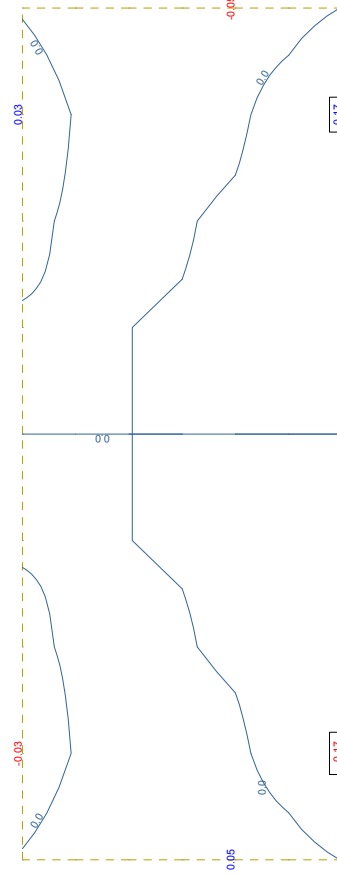
M 1 : 71
 ↔ , Loadcase 8

M 1 : 71

Sector of system Group 1
 Membrane force n_{xx} in local x in Nodes
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -1.84 to 1.84 step 10.0 kN/m

↔ , Loadcase 8

M 1 : 71



Sector of system Group 1
 Bending moment m_{yy} in local y in Nodes
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.168 to 0.168 step 10.0 kNm/m

M 1 : 71
 ↕ , Loadcase 8

M 1 : 71

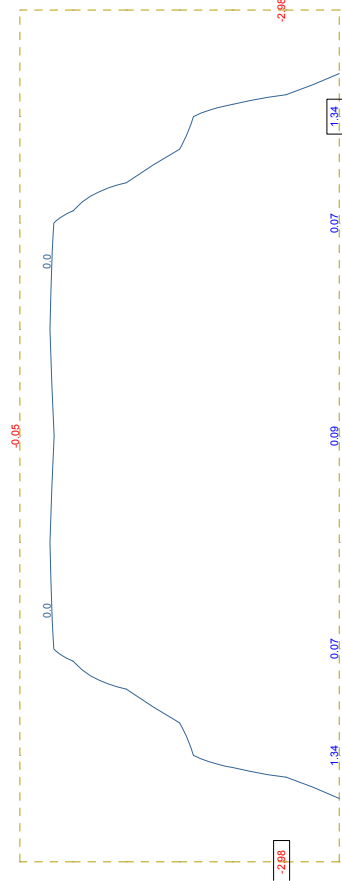
Sector of system Group 1
 Membrane force n_{yy} in local y in Nodes
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.917 to 0.917 step 10.0 kN/m

↕ , Loadcase 8

M 1 : 71

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

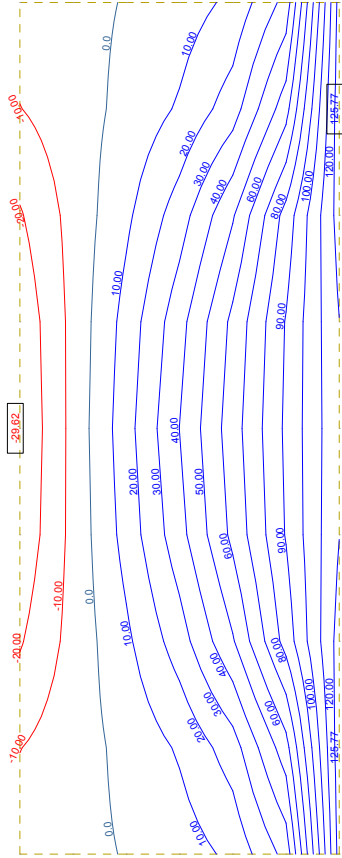
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Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 ΕΠΑΝΣΤΗΣ , from -2.98 to 1.34 step 10.0 kNm/m

↔ , Loadcase 10 ΣΥΣΤΟΛΗ

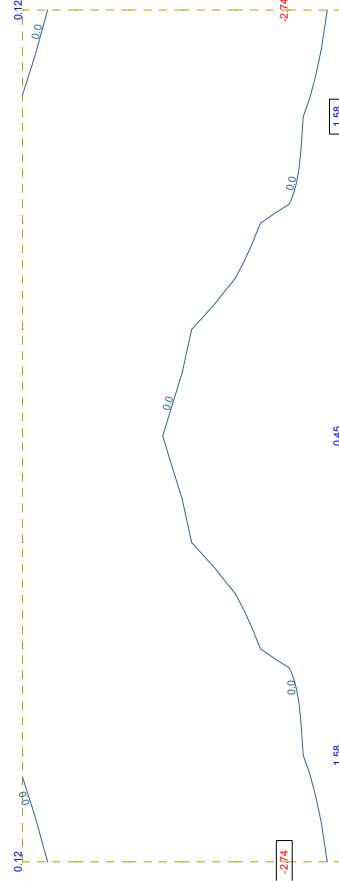
M 1 : 71



Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 ΕΠΑΝΣΤΗΣ , from -29.6 to 125.8 step 10.0 kN/m

↔ , Loadcase 10 ΣΥΣΤΟΛΗ

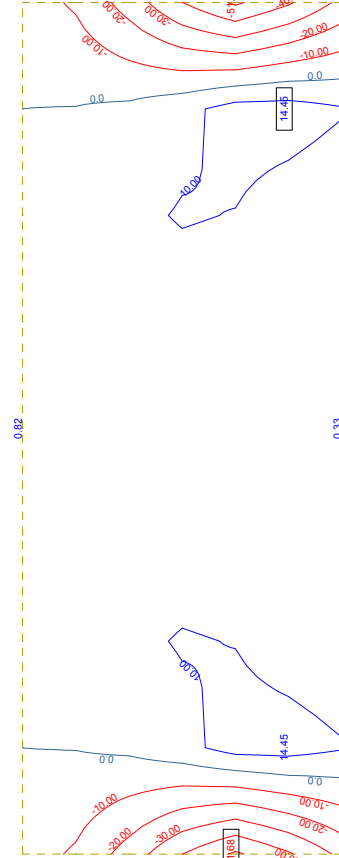
M 1 : 71



Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 ΕΠΑΝΣΤΗΣ , from -2.74 to 1.58 step 10.0 kNm/m

↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 71



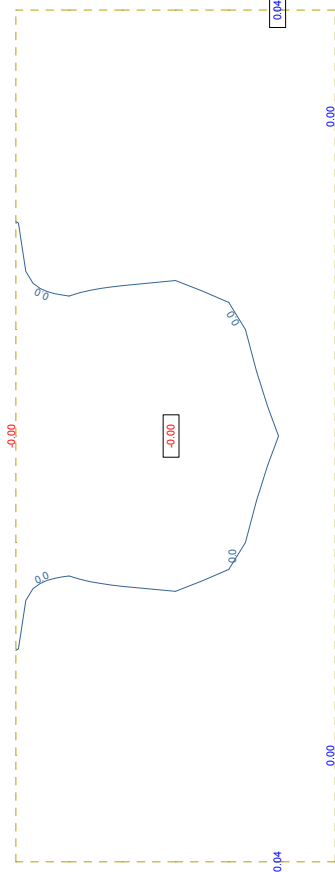
Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 ΕΠΑΝΣΤΗΣ , from -51.7 to 14.5 step 10.0 kN/m

↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 71

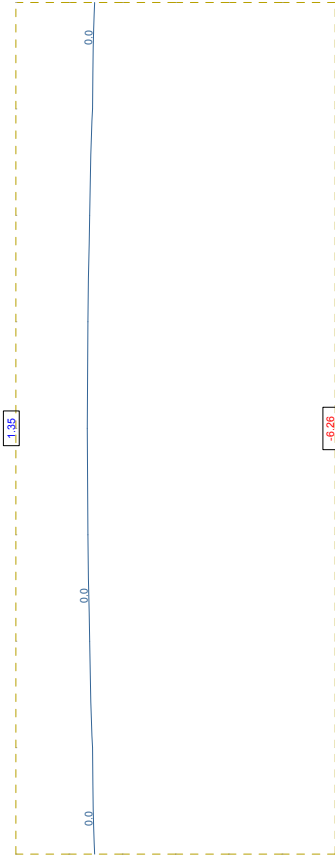
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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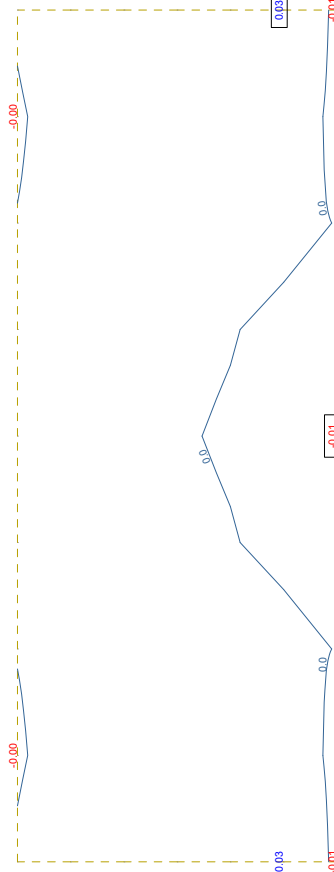
Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ, from 0 to 0.0375 step 10.0 kNm/m
 ↔, Loadcase 11
 M 1 : 71

Y-X
Z



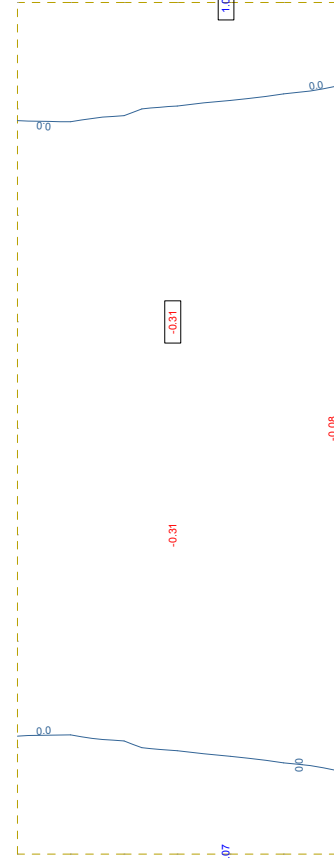
Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ, from -6.26 to 1.35 step 10.0 kN/m
 ↔, Loadcase 11
 M 1 : 71

Y-X
Z



Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ, from 0 to 0.0270 step 10.0 kNm/m
 ↔, Loadcase 11
 M 1 : 71

Y-X
Z

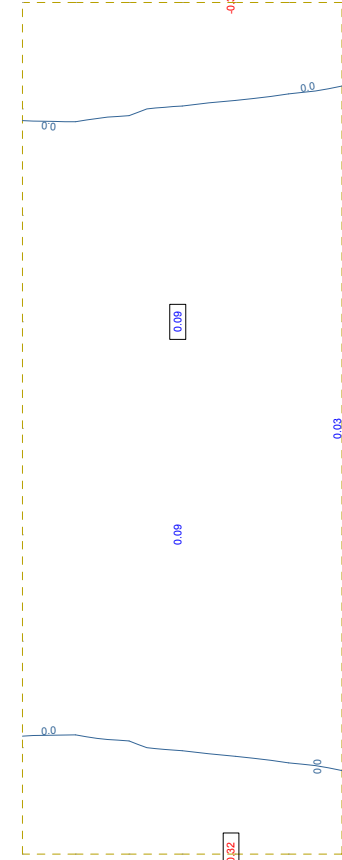
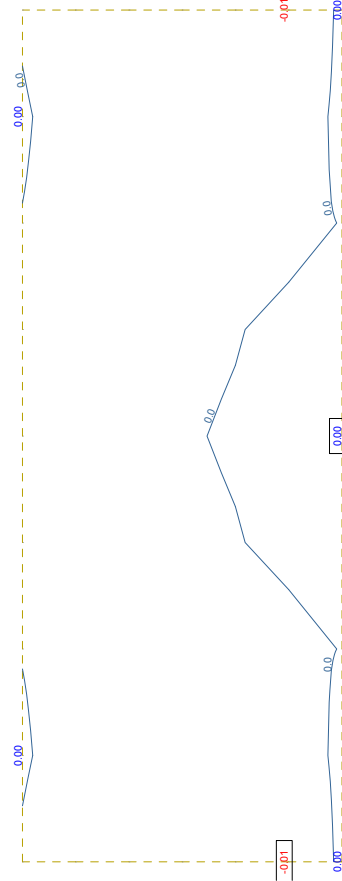
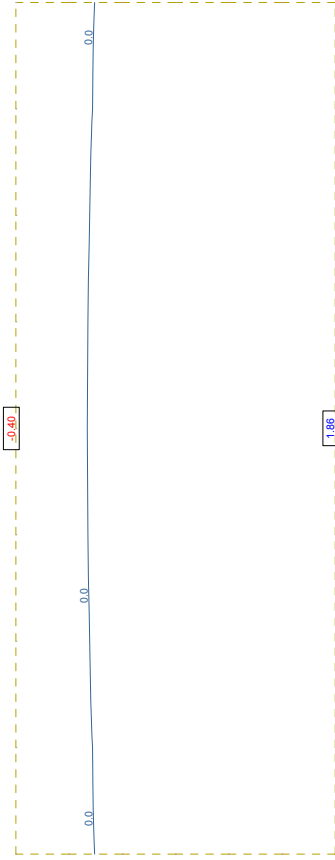
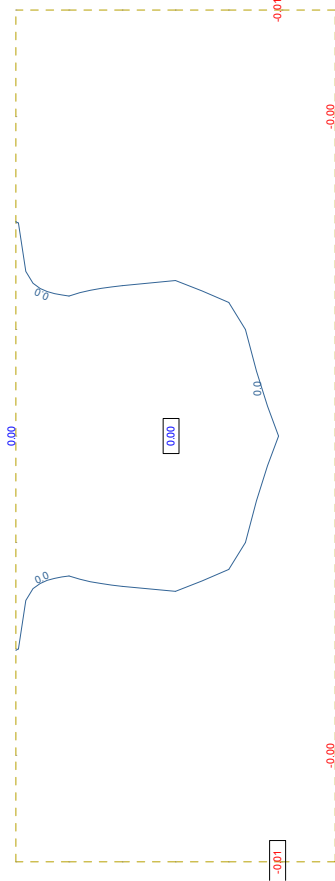


Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ, from -0.311 to 1.07 step 10.0 kN/m
 ↔, Loadcase 11
 M 1 : 71

Y-X
Z

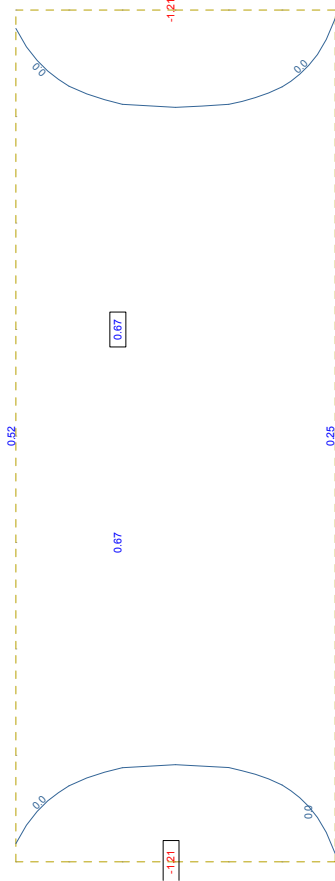
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

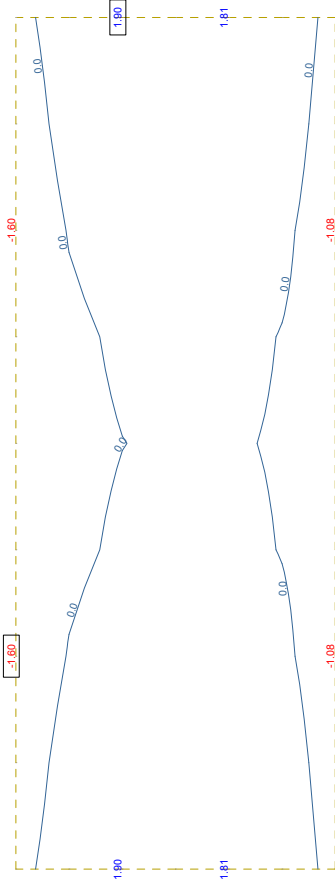
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Sector of system Group 1

Bending moment m-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.21 to 0.670 step 10.0 kNm/m

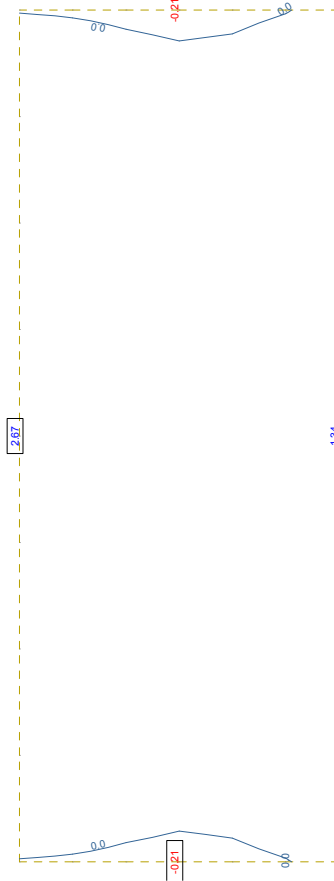
M 1 : 71
 ↔ , Loadcase 101 KINHTA



Sector of system Group 1

Membrane force n-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.60 to 1.90 step 20.0 kN/m

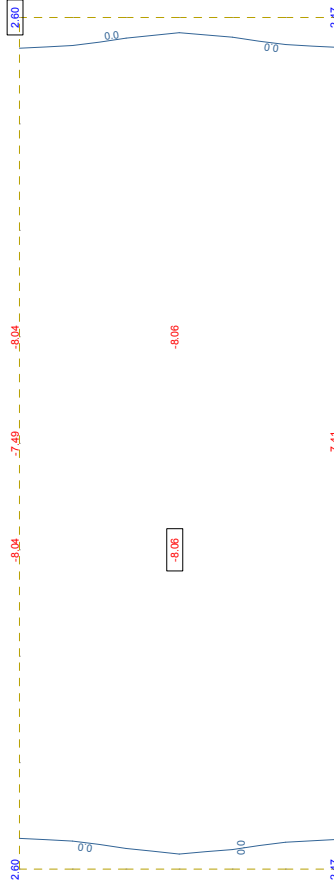
M 1 : 71
 ↔ , Loadcase 101 KINHTA



Sector of system Group 1

Bending moment m-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -0.210 to 2.67 step 10.0 kNm/m

M 1 : 71
 ↔ , Loadcase 101 KINHTA



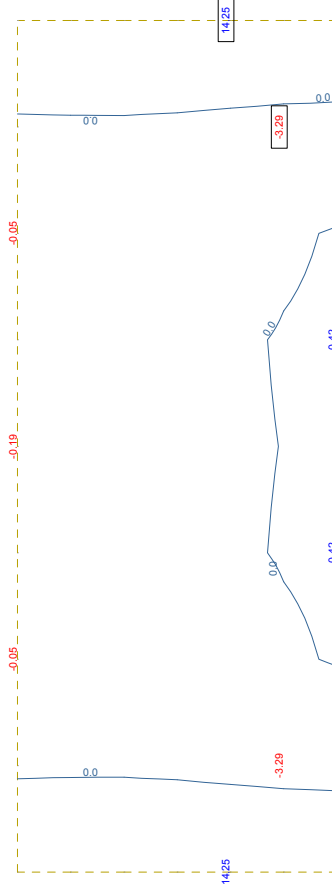
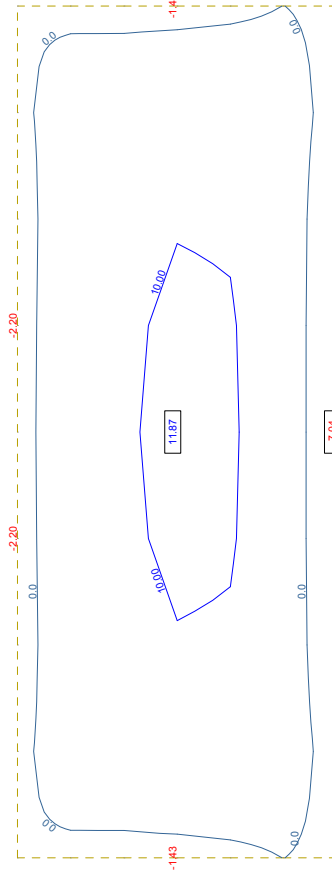
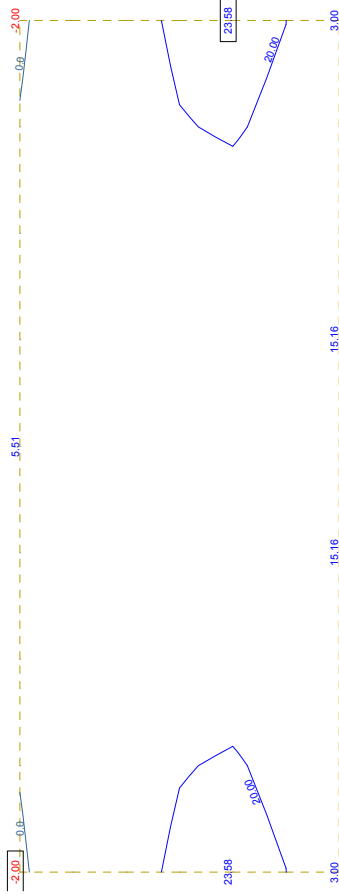
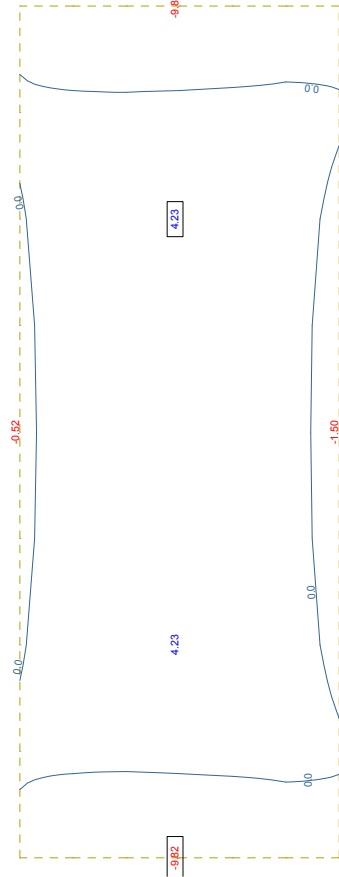
Sector of system Group 1

Membrane force n-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -8.06 to 2.60 step 20.0 kN/m

M 1 : 71
 ↔ , Loadcase 101 KINHTA

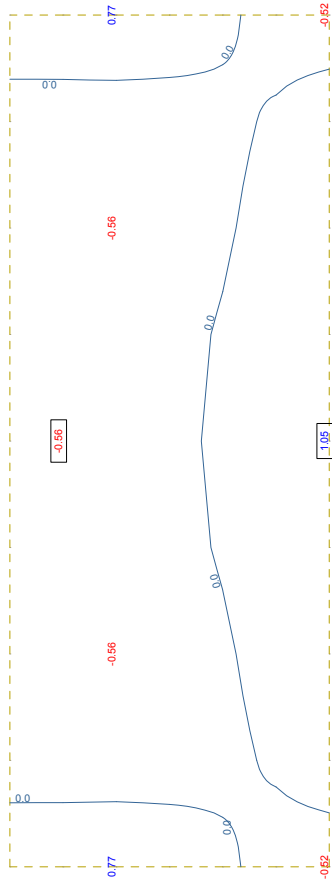
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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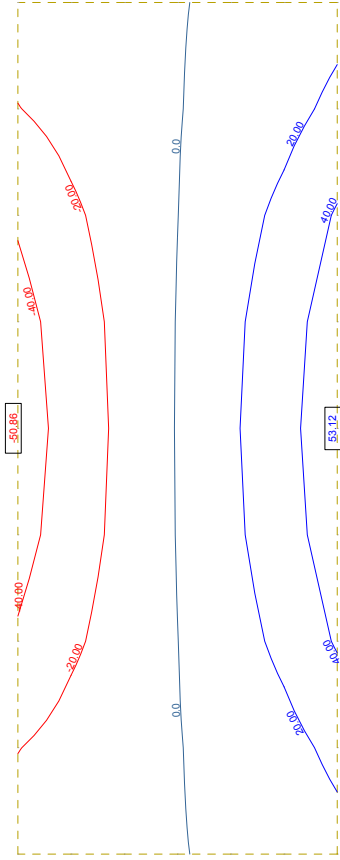
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 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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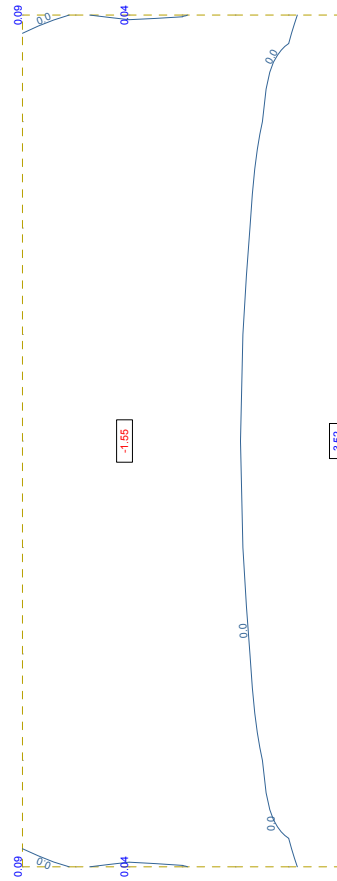
M 1 : 71
 Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -0.562 to 1.05 step 10.0 kNm/m

Y-X
 Z



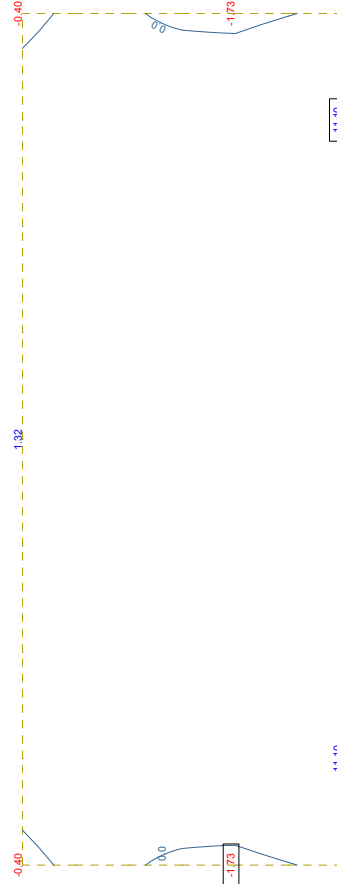
M 1 : 71
 Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -50.9 to 53.1 step 20.0 kN/m

Y-X
 Z



M 1 : 71
 Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -1.55 to 3.52 step 10.0 kNm/m

Y-X
 Z

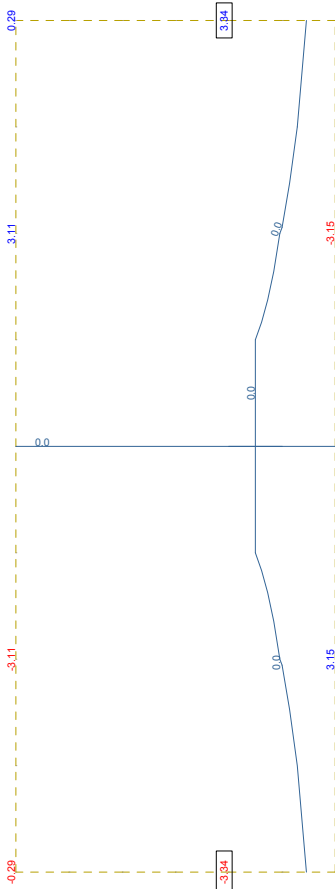


M 1 : 71
 Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -1.73 to 11.1 step 20.0 kN/m

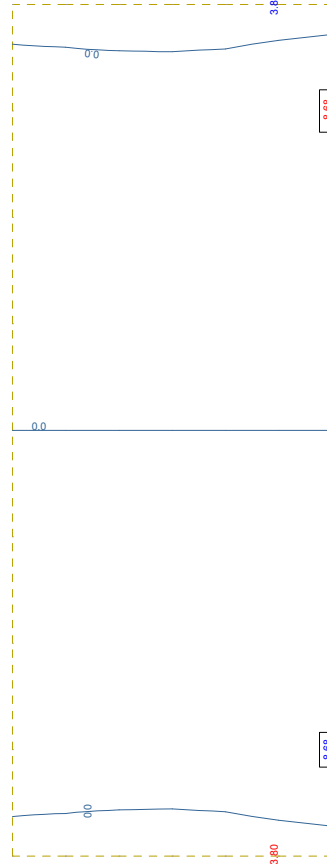
Y-X
 Z

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

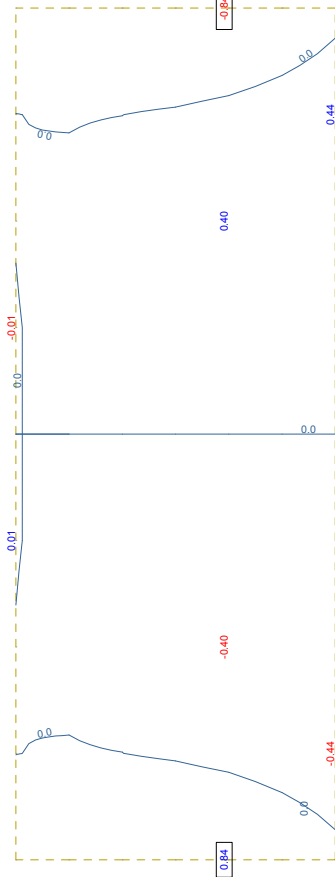
SOFISTIK AG - www.sofistik.com



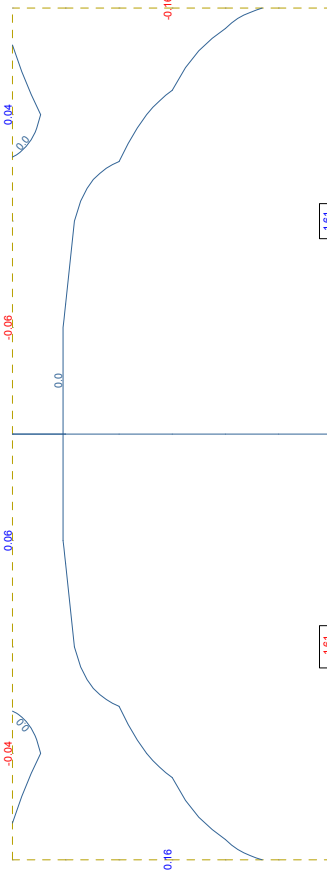
M 1 : 71
 Sector of system Group 1
 Membrane force n-xx in local x in Nodes
 ΑΔΑΠΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -3.34 to 3.34 step 20.0 kN/m



M 1 : 71
 Sector of system Group 1
 Membrane force n-yy in local y in Nodes
 ΑΔΑΠΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -8.68 to 8.68 step 20.0 kN/m



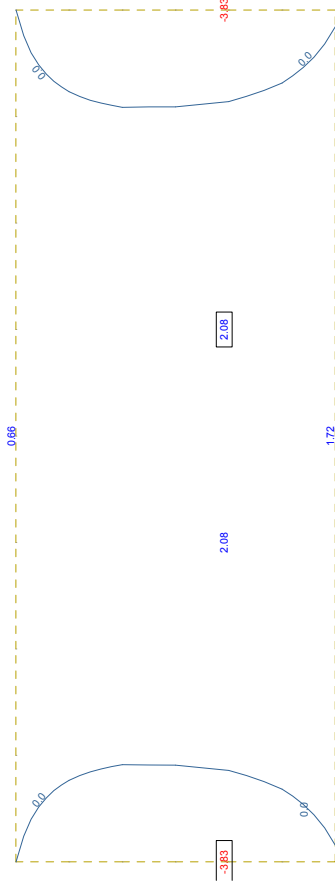
M 1 : 71
 Sector of system Group 1
 Bending moment m-xx in local x in Nodes
 ΑΔΑΠΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -0.836 to 0.836 step 10.0



M 1 : 71
 Sector of system Group 1
 Bending moment m-yy in local y in Nodes
 ΑΔΑΠΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -1.61 to 1.61 step 10.0 kNm/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

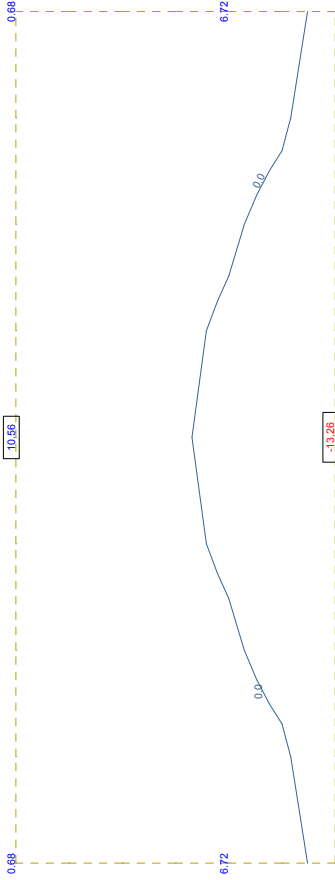
SOFISTIK AG - www.sofistik.com



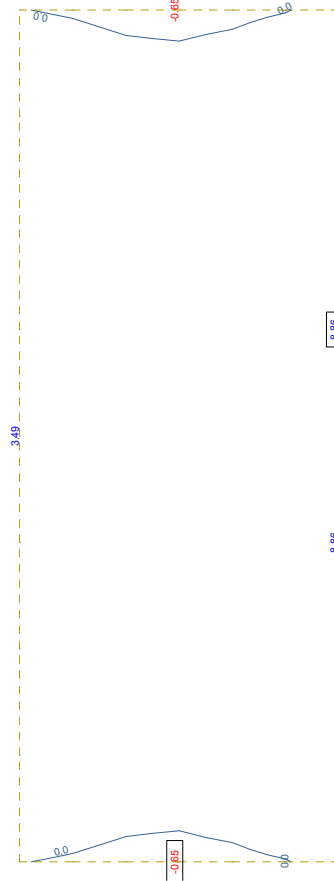
M 1 : 71

Sector of system Group 1

Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -13.3 to 10.6 step 20.0 kN/m
 ↔ , Loadcase 109



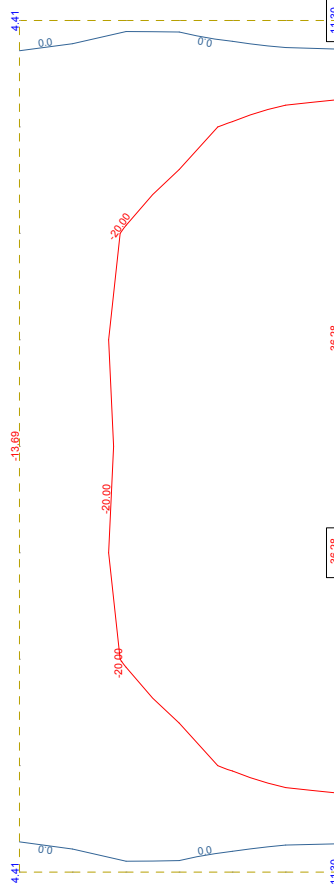
M 1 : 71



M 1 : 71

Sector of system Group 1

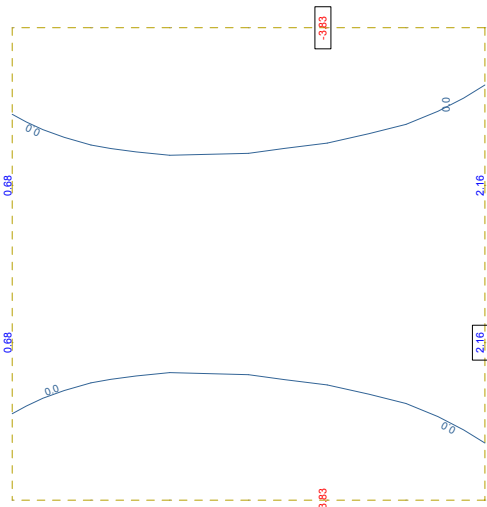
Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -36.3 to 11.3 step 20.0 kN/m
 ↔ , Loadcase 109



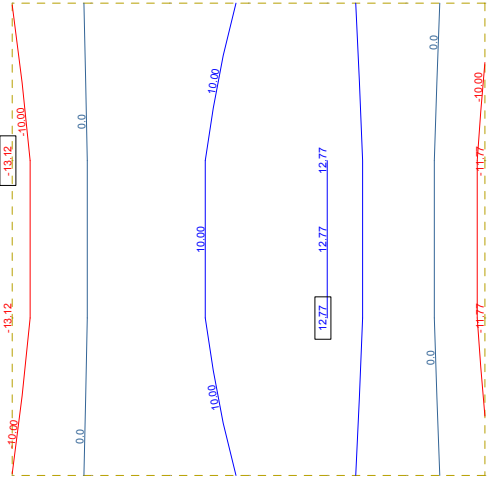
M 1 : 71

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

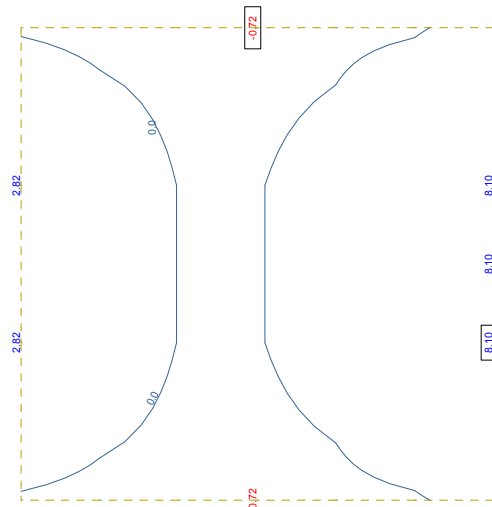
SOFISTIK AG - www.sofistik.com



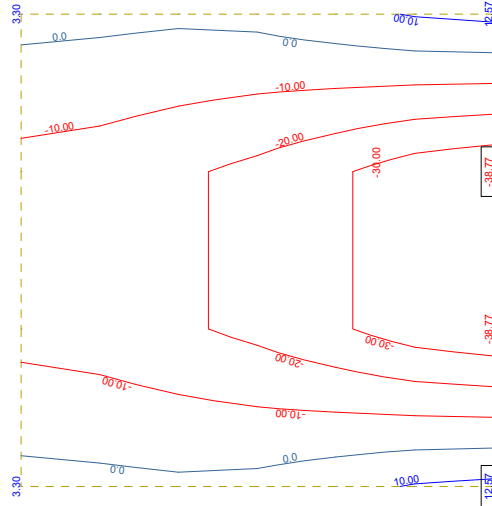
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m_{xx} in local x in Nodes
 , from -3.83 to 2.16 step 10.0 kNm/m
 ↔ , Loadcase 1 MONIMA



M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n_{xx} in local x in Nodes
 , from -13.1 to 12.8 step 10.0 kN/m
 ↔ , Loadcase 1 MONIMA



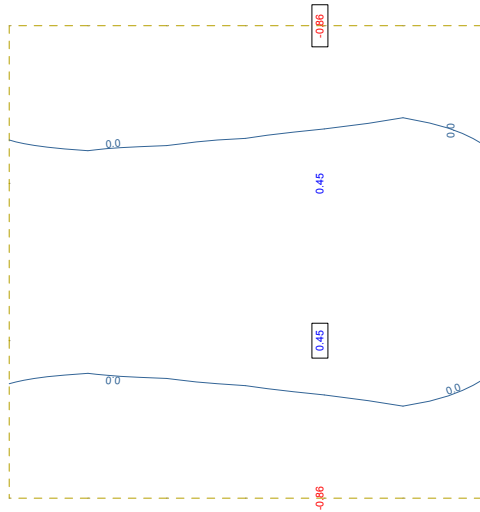
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m_{yy} in local y in Nodes
 , from -0.722 to 8.10 step 10.0 kNm/m
 ↔ , Loadcase 1 MONIMA



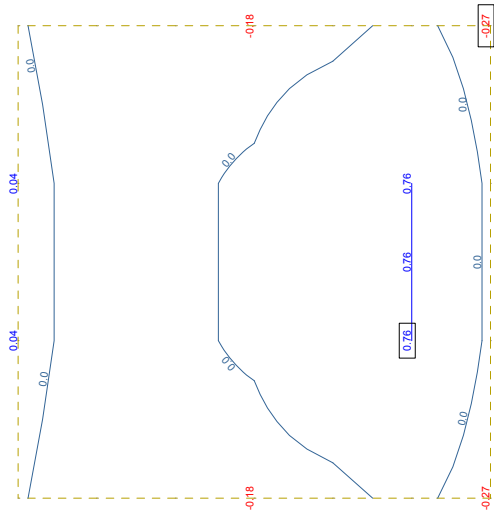
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n_{yy} in local y in Nodes
 , from -38.8 to 12.6 step 10.0 kN/m
 ↔ , Loadcase 1 MONIMA

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

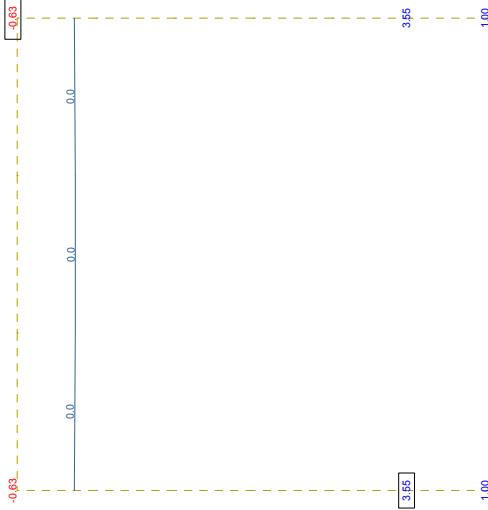
SOFISTIK AG - www.sofistik.com



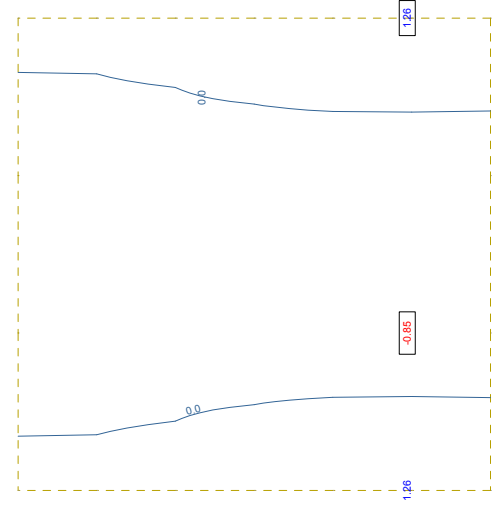
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ↔, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.858 to 0.451 step 10.0 kNm/m



M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.273 to 0.760 step 10.0 kNm/m



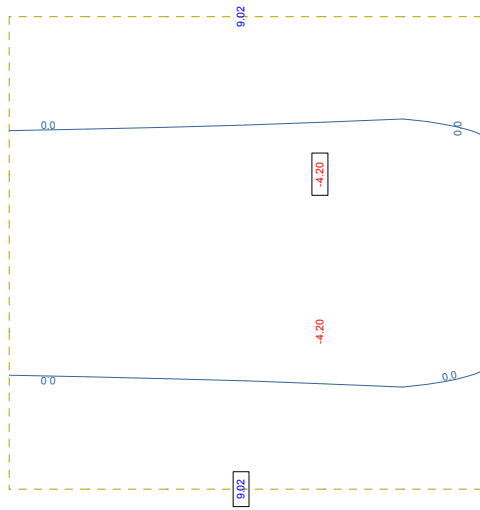
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ↔, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.631 to 3.55 step 10.0 kN/m



M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ↕, Loadcase 2
 ΥΔΡΟΣΤΑΤΙΚΗ→ΠΛΗΡΗΣ, from -0.849 to 1.26 step 10.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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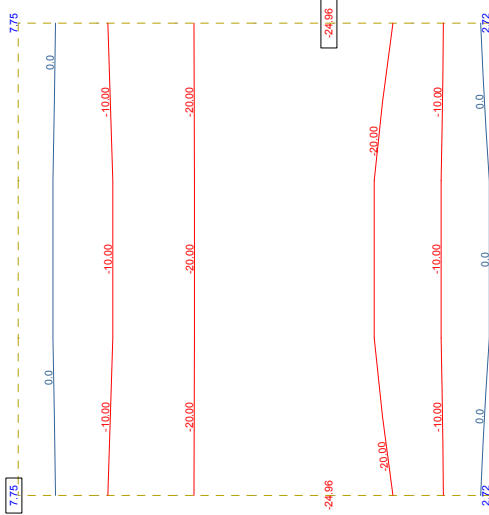
M 1 : 48
 Sector of system Group 2
 Bending moment m_{xx} in local x in Nodes
 Γ/AIQN , from -4.20 to 9.02 step 10.0 kNm/m



M 1 : 48

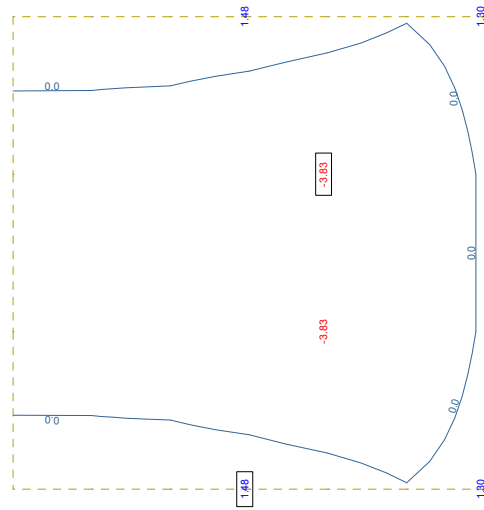
Sector of system Group 2

Membrane force n_{xx} in local x in Nodes
 Γ/AIQN , from -25.0 to 7.75 step 10.0 kN/m



M 1 : 48
 Sector of system Group 2
 Membrane force n_{xx} in local x in Nodes
 Γ/AIQN , from -25.0 to 7.75 step 10.0 kN/m

M 1 : 48



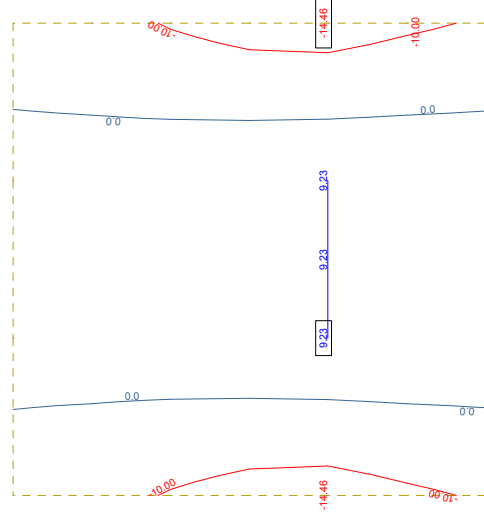
M 1 : 48
 Sector of system Group 2
 Bending moment m_{yy} in local y in Nodes
 Γ/AIQN , from -3.83 to 1.48 step 10.0 kNm/m



M 1 : 48

Sector of system Group 2

Membrane force n_{yy} in local y in Nodes
 Γ/AIQN , from -14.5 to 9.23 step 10.0 kN/m

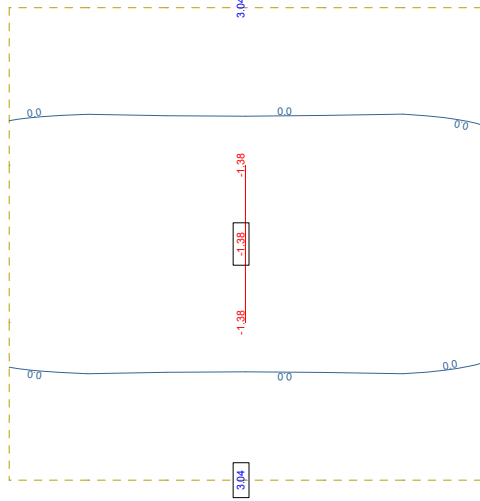


M 1 : 48
 Sector of system Group 2
 Membrane force n_{yy} in local y in Nodes
 Γ/AIQN , from -14.5 to 9.23 step 10.0 kN/m

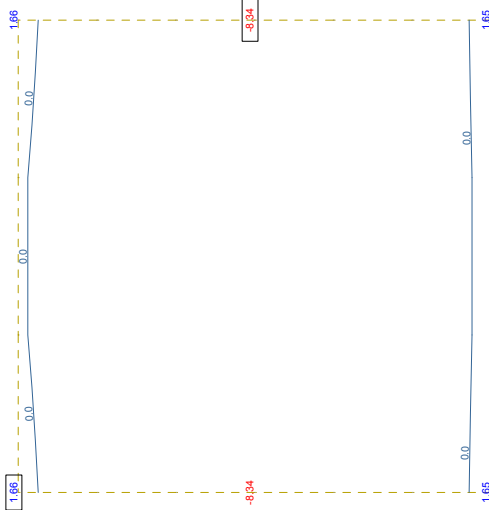
M 1 : 48

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

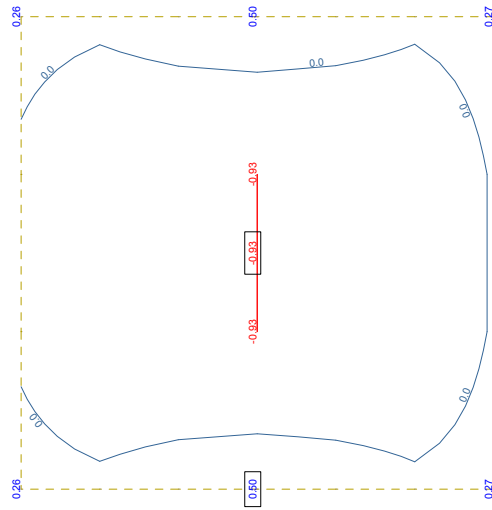
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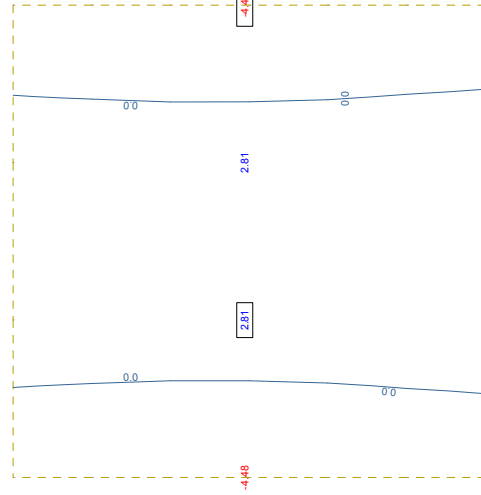
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 KINHΤΩΝ , from -1.38 to 3.04 step 10.0 kNm/m



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 KINHΤΩΝ , from -8.34 to 1.66 step 10.0 kN/m



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 KINHΤΩΝ , from -0.929 to 0.504 step 10.0 kNm/m



M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 KINHΤΩΝ , from -4.48 to 2.81 step 10.0 kN/m



M 1 : 48

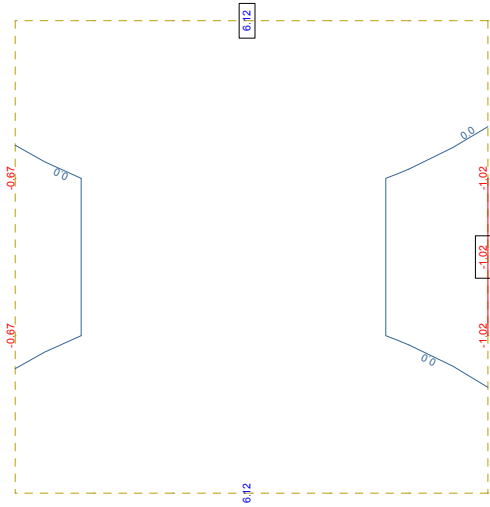
↔ , Loadcase 4 ΩΘΗΣΗ

M 1 : 48

↕ , Loadcase 4 ΩΘΗΣΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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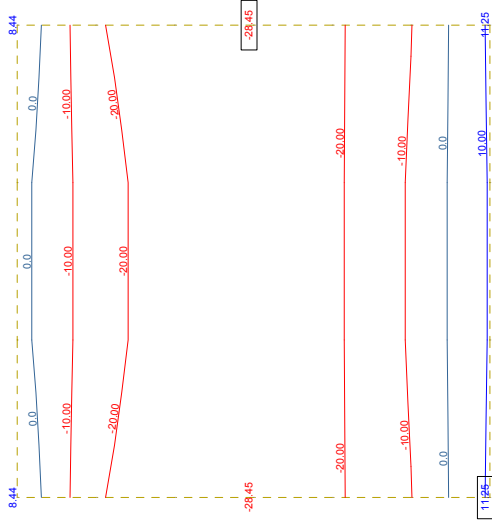
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -1.02 to 6.12 step 10.0 kNm/m



M 1 : 48

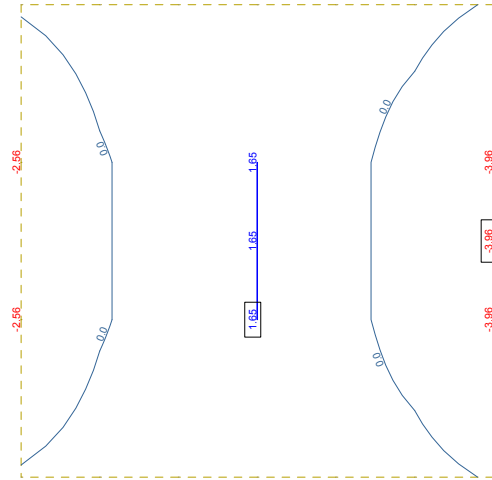
Sector of system Group 2

Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -28.5 to 11.3 step 10.0 kN/m



M 1 : 48

↔, Loadcase 5 ΔΥΝΑΜΙΚΗ



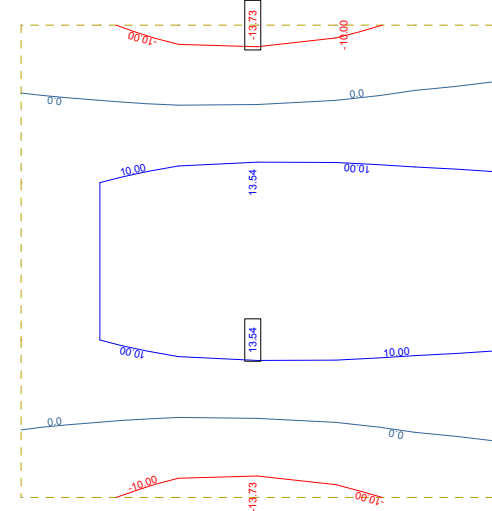
M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -3.96 to 1.65 step 10.0 kNm/m



M 1 : 48

Sector of system Group 2

Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ Y-Y, from -13.7 to 13.5 step 10.0 kN/m

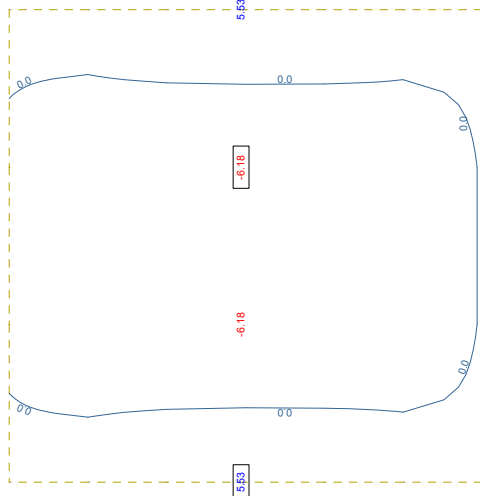


M 1 : 48

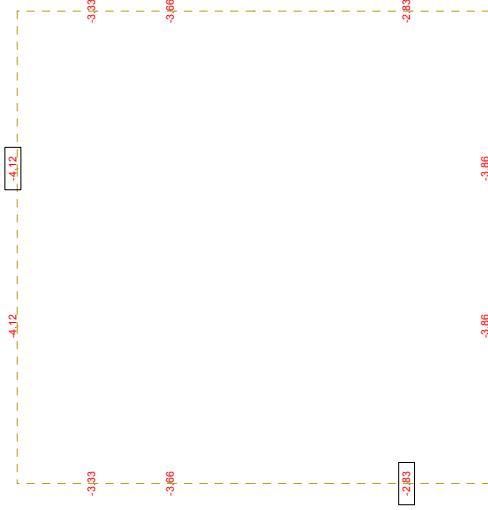
↕, Loadcase 5 ΔΥΝΑΜΙΚΗ

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

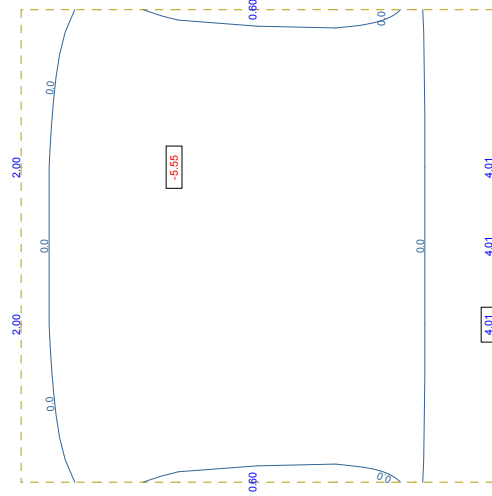
SOFISTIK AG - www.sofistik.com



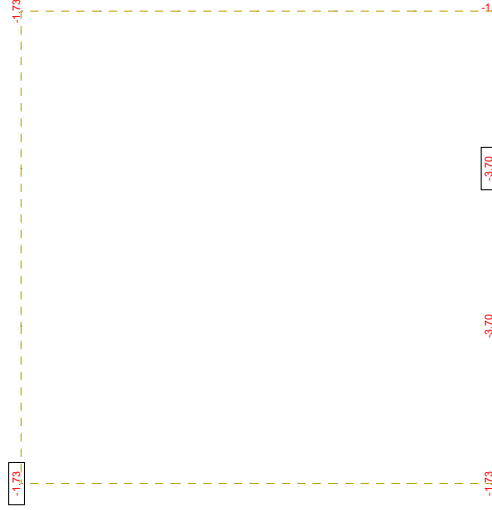
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -6.18 to 5.53 step 10.0 kNm/m



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -4.12 to 0 step 10.0 kN/m



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -5.55 to 4.01 step 10.0 kNm/m

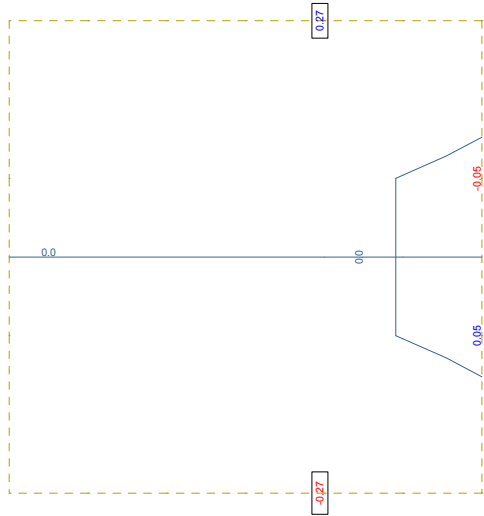


M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΩΘΗΣΗ ΓΑΙΩΝ X-X , from -3.70 to 0 step 10.0 kN/m

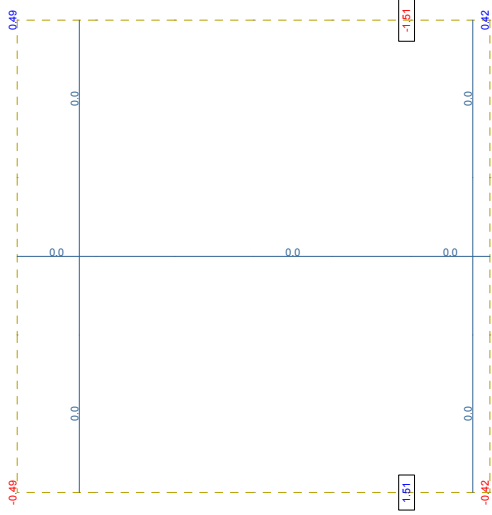


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

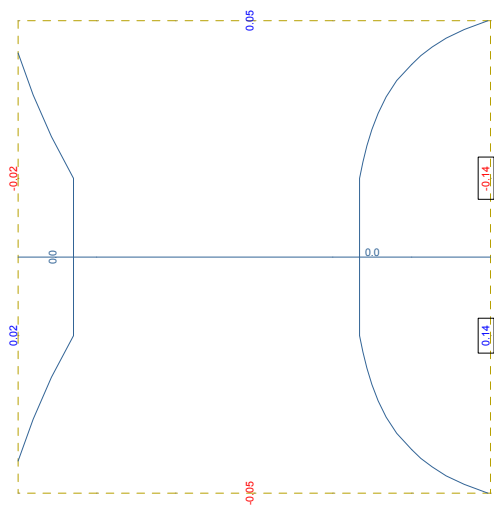
SOFISTIK AG - www.sofistik.com



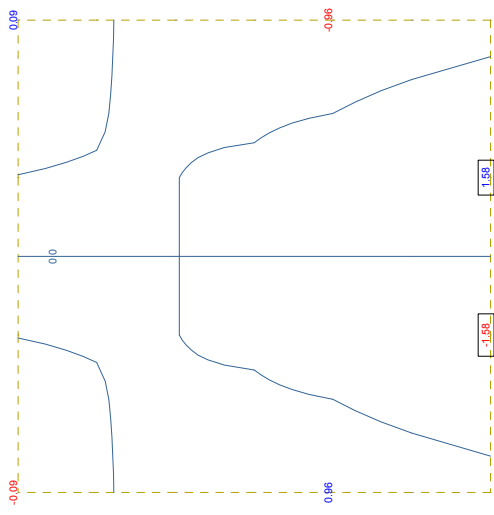
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 Y ΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.273 to 0.273 step 10.0 kNm/m
 Z ↔ , Loadcase 7



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 Y ΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -1.51 to 1.51 step 10.0 kN/m
 Z ↔ , Loadcase 7



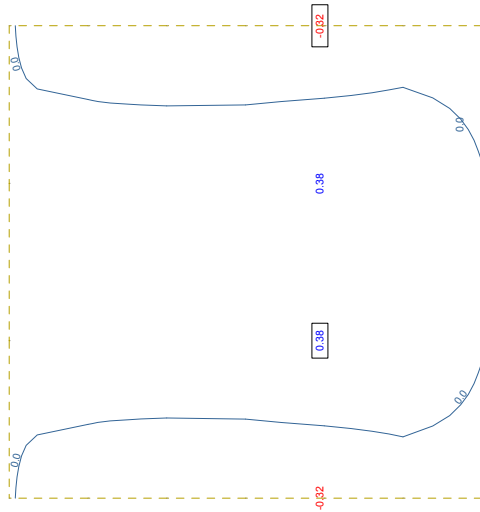
M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 Y ΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -0.136 to 0.136 step 10.0 kNm/m
 Z ↔ , Loadcase 7



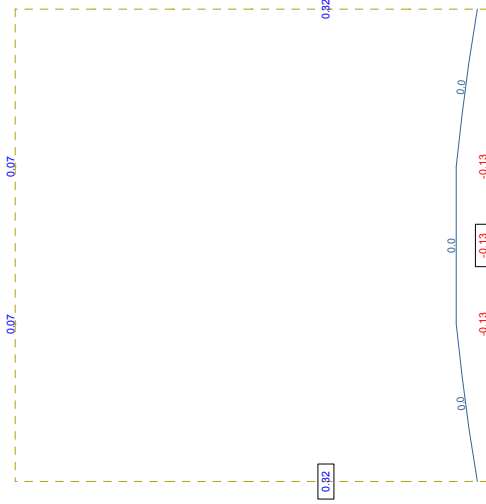
M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 Y ΔΡΟΔΥΝΑΜΙΚΗ Y-Y(EBP) , from -1.58 to 1.58 step 10.0 kN/m
 Z ↔ , Loadcase 7

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

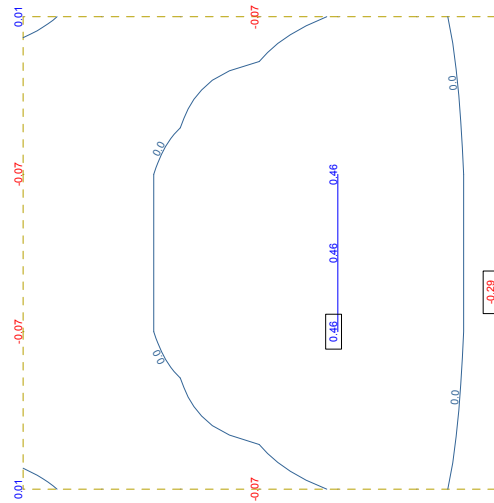
SOFISTIK AG - www.sofistik.com



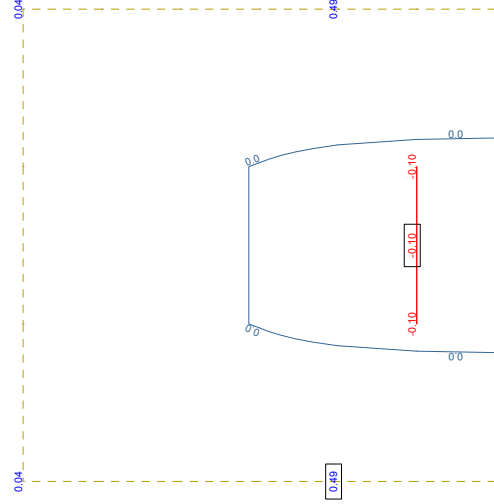
M 1 : 48
 Sector of system Group 2
 Bending moment m_{xx} in local x in Nodes
 ↕ , Loadcase 8
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.323 to 0.379 step 0.379



M 1 : 48
 Sector of system Group 2
 Membrane force n_{xx} in local x in Nodes
 ↔ , Loadcase 8
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.134 to 0.322 step 10.0



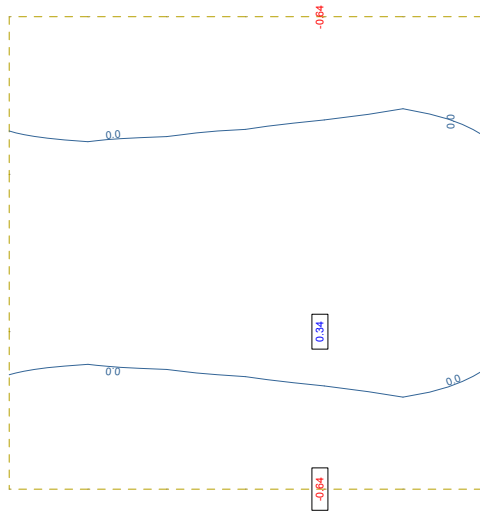
M 1 : 48
 Sector of system Group 2
 Bending moment m_{yy} in local y in Nodes
 ↕ , Loadcase 8
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.294 to 0.465 step 10.0



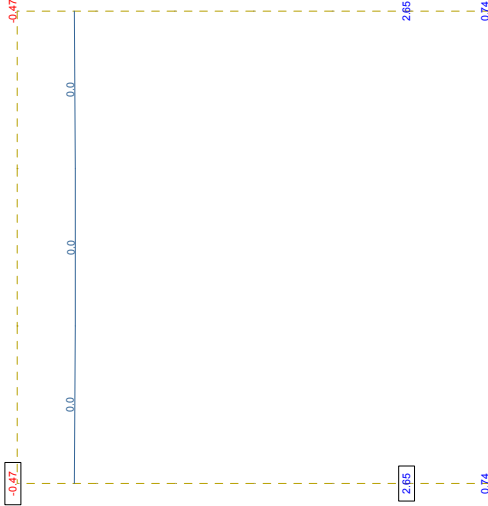
M 1 : 48
 Sector of system Group 2
 Membrane force n_{yy} in local y in Nodes
 ↔ , Loadcase 8
 ΥΠΟΔΥΝΑΜΙΚΗ X-X(EBP) , from -0.0979 to 0.486 step 10.0

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

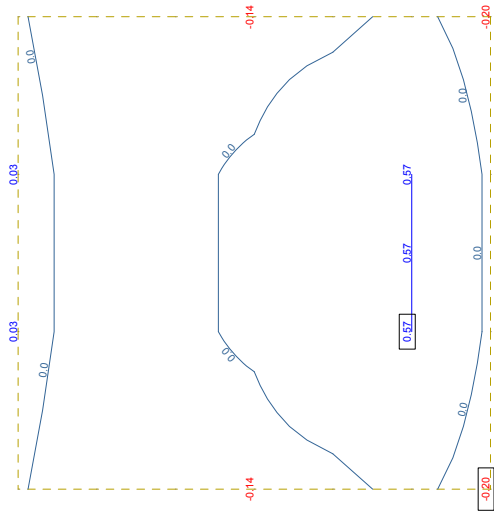
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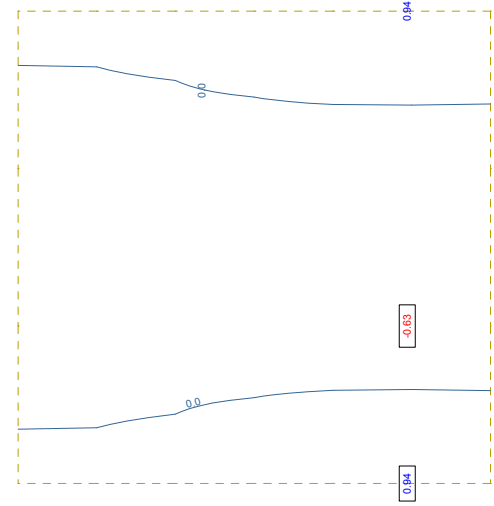
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.639 to 0.336 step 10.0 kNm/m
 ↔, Loadcase 9



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.470 to 2.65 step 10.0 kN/m
 ↔, Loadcase 9



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.203 to 0.566 step 10.0 kNm/m
 ↔, Loadcase 9

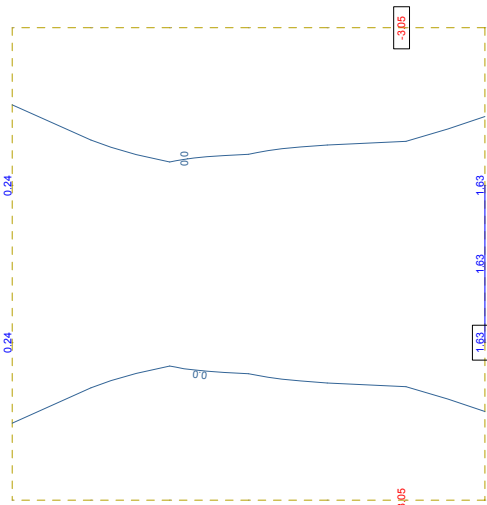


M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΥΔΡΟΔΥΝΑΜΙΚΗ Ζ-Ζ, from -0.633 to 0.940 step 10.0 kN/m
 ↔, Loadcase 9



ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from -3.05 to 1.63 step 10.0 kNm/m

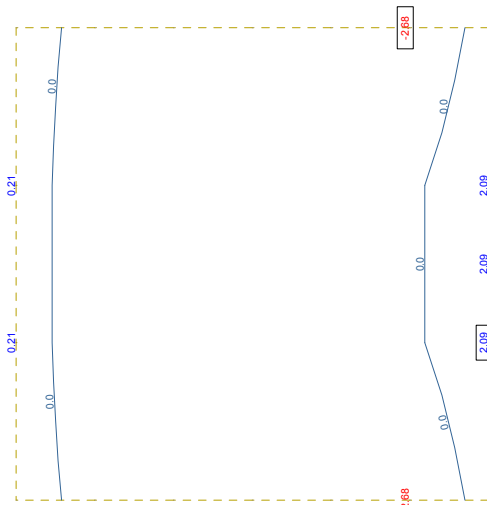
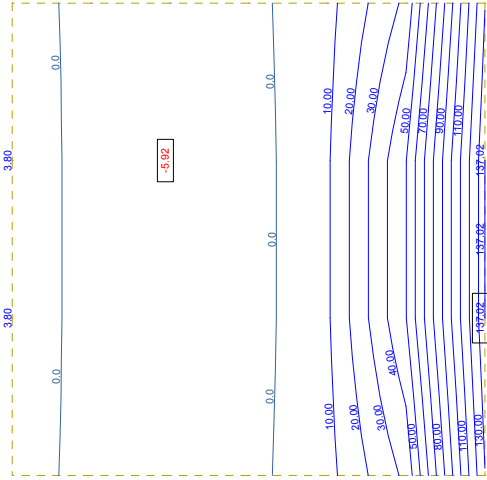
Y → X
 Z

M 1 : 48

Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΞΗΡΑΝΣΗΣ , from -5.92 to 137.0 step 10.0 kN/m

↔ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 48



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from -2.68 to 2.09 step 10.0 kNm/m

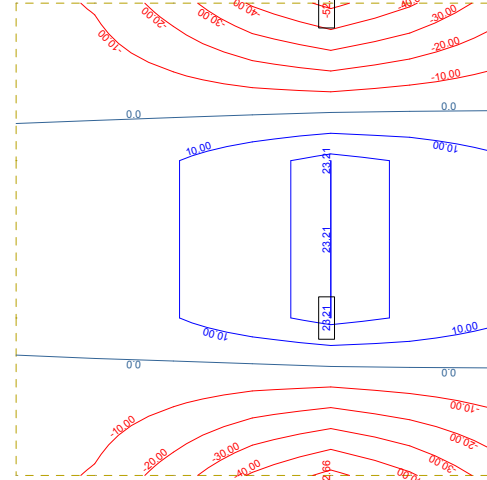
Y → X
 Z

M 1 : 48

Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΞΗΡΑΝΣΗΣ , from -52.7 to 23.2 step 10.0 kN/m

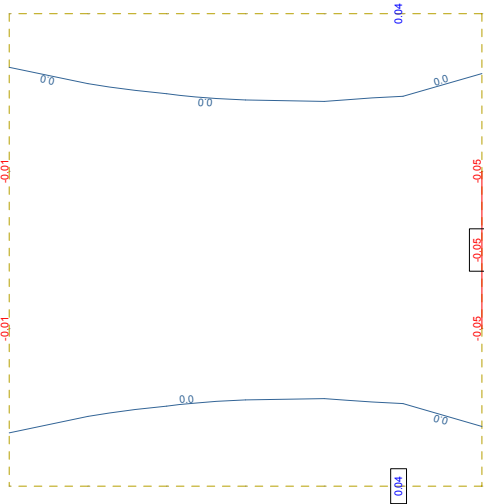
↕ , Loadcase 10 ΣΥΣΤΟΛΗ

M 1 : 48

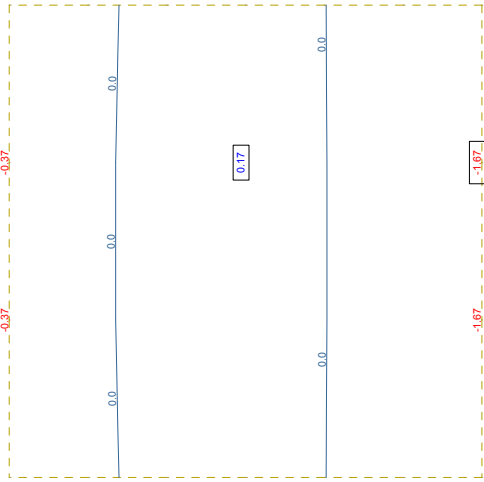


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

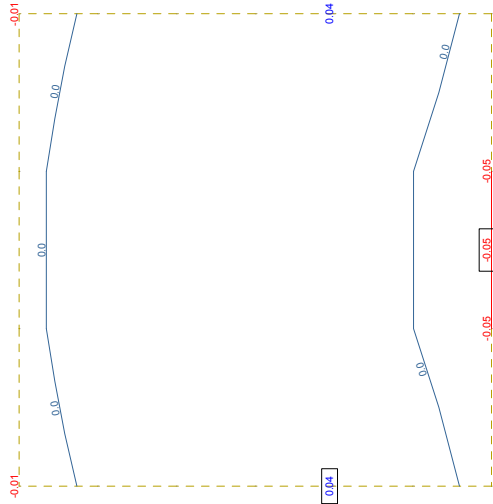
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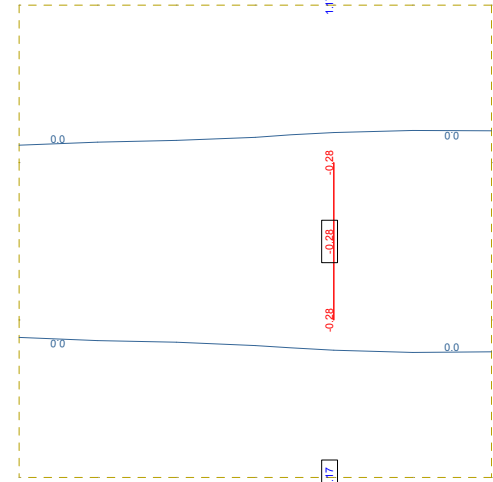
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ↔, Loadcase 11
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.0503 to 0.0433 step 10.0



M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ↔, Loadcase 11
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -1.67 to 0.165 step 10.0 kN/m



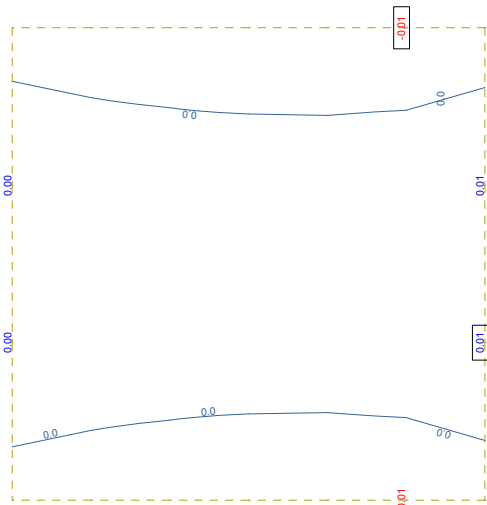
M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ↔, Loadcase 11
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.0488 to 0.0371 step 10.0



M 1 : 48
 Y → X
 Z
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ↔, Loadcase 11
 ΟΜΟΙΟΜΟΡΦΗ ΑΝΟΔΟΣ ΘΕΡΜΟΚ , from -0.277 to 1.17 step 10.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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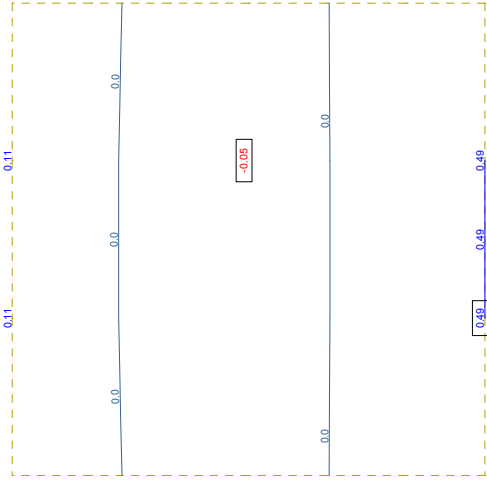


M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.0128 to 0.0149 step 10.0

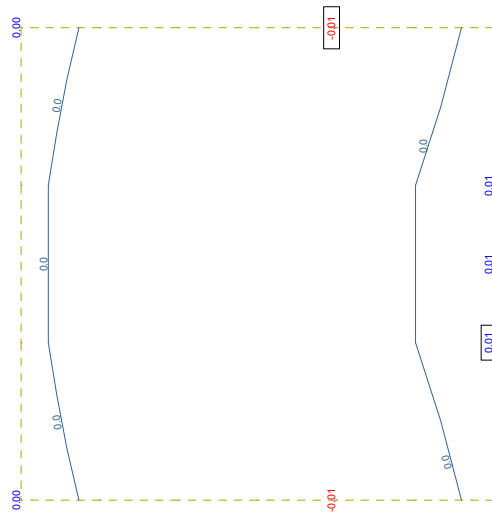


M 1 : 48
 Sector of system Group 2

Membrane force n-xx in local x in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.0489 to 0.494 step 10.0



M 1 : 48

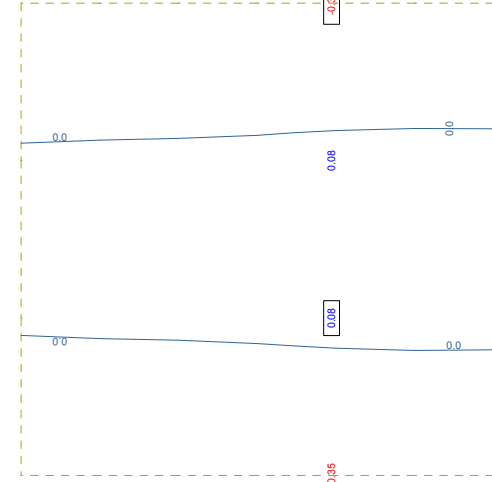


M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.0110 to 0.0144 step 10.0



M 1 : 48
 Sector of system Group 2

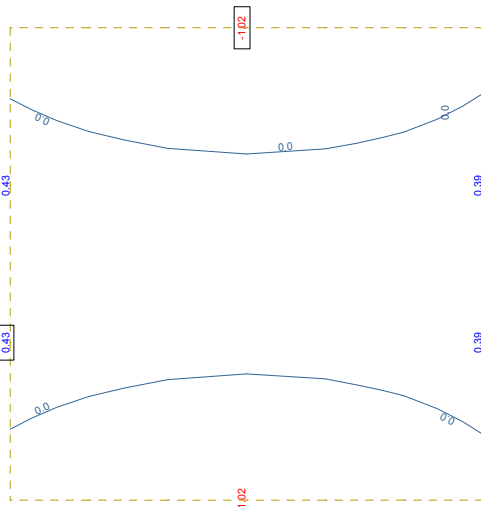
Membrane force n-yy in local y in Nodes
 ΟΜΟΙΟΜΟΡΦΗ ΠΤΩΣΗ ΘΕΡΜΟΚΡ , from -0.348 to 0.0821 step 10.0



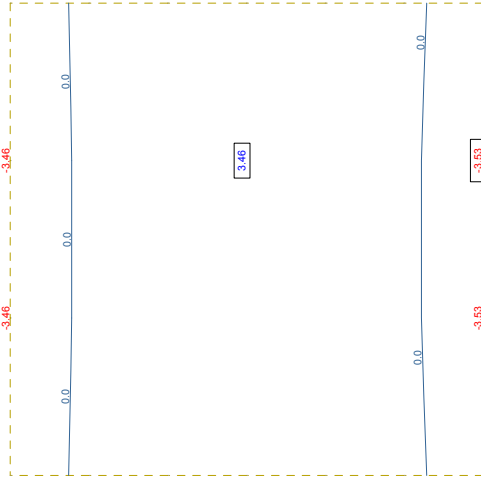
M 1 : 48

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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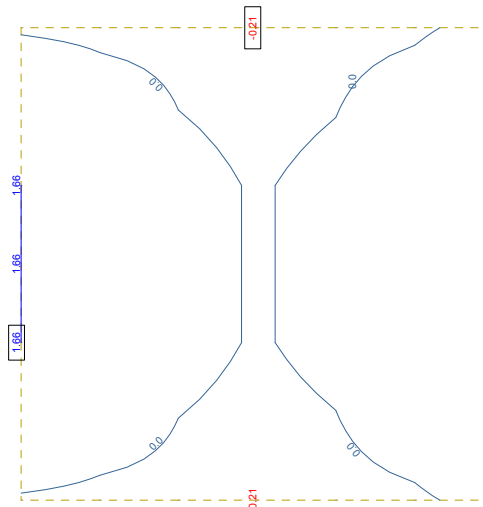


M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -1.02 to 0.430 step 10.0 kNm/m

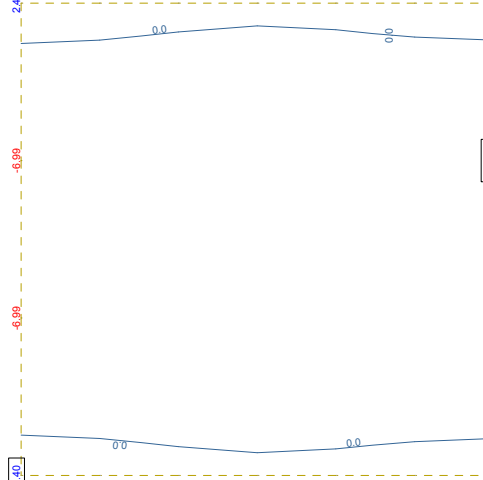


M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΟΡΟΦΗΣ , from -3.53 to 3.46 step 20.0 kN/m

M 1 : 48



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -0.208 to 1.66 step 10.0 kNm/m

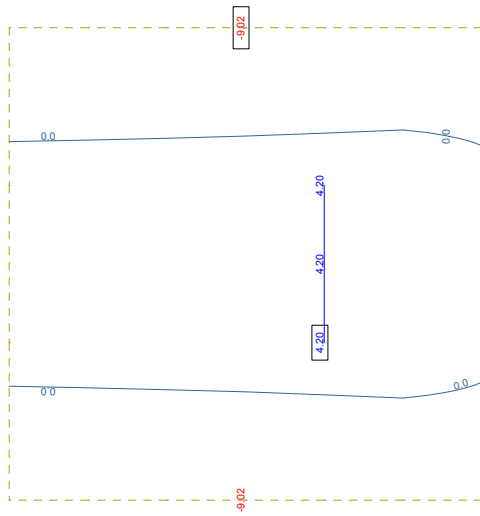


M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΟΡΟΦΗΣ , from -7.32 to 2.40 step 20.0 kN/m

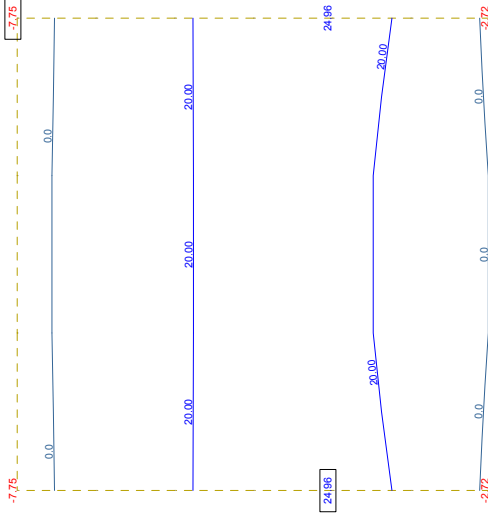
M 1 : 48

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

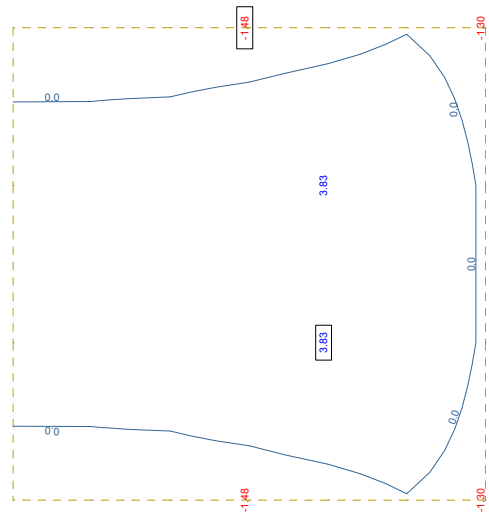
SOFISTIK AG - www.sofistik.com



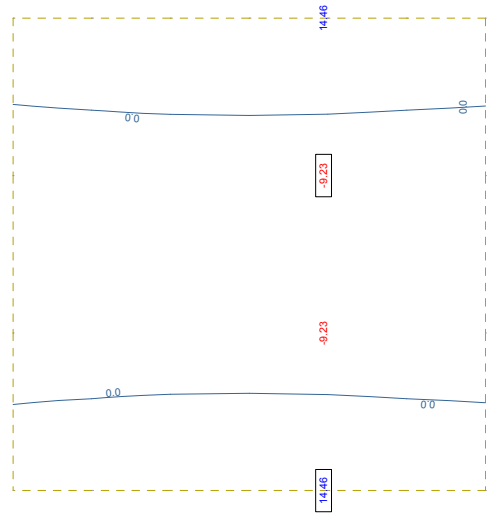
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -9.02 to 4.20 step 10.0 kNm/m



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -7.75 to 25.0 step 20.0 kN/m



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -1.48 to 3.83 step 10.0 kNm/m

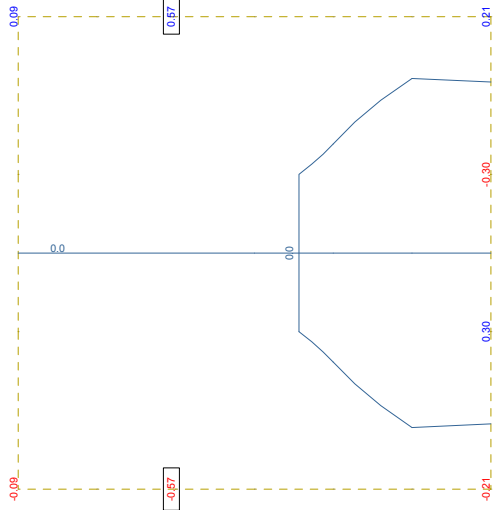


M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΥΔΡΟΣΤΑΤΙΚΗ-->ΥΠΕΡΠΛΗΡΩΣ , from -9.23 to 14.5 step 20.0 kN/m

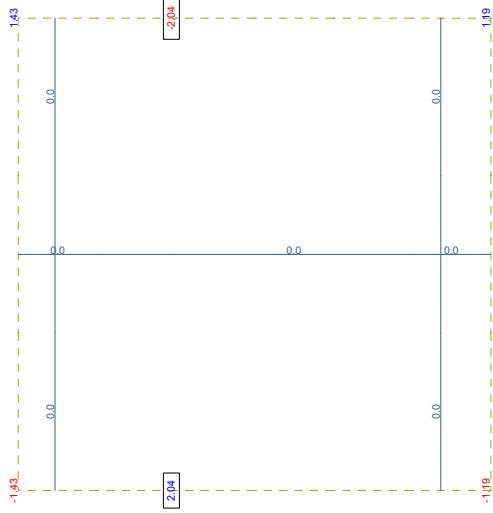


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

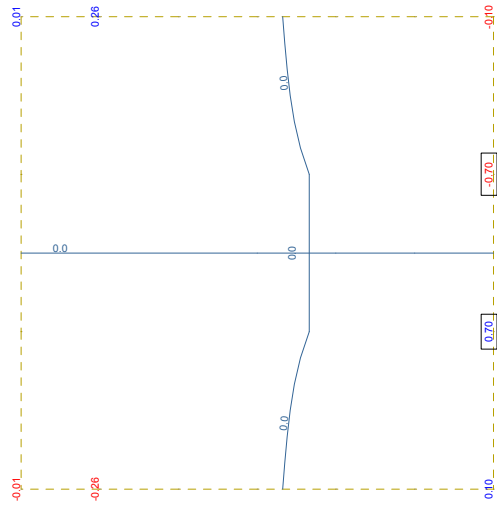
SOFISTIK AG - www.sofistik.com



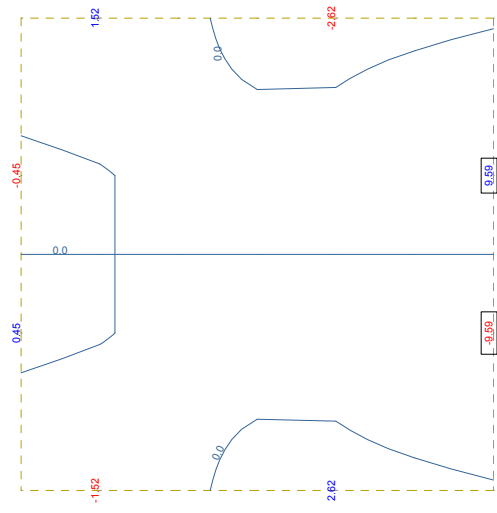
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -0.571 to 0.571 step 10.0



M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -2.04 to 2.04 step 20.0 kN/m



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -0.701 to 0.701 step 10.0

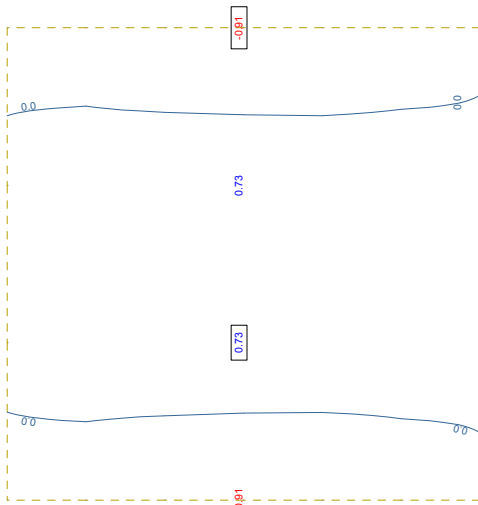


M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Y-Y , from -9.59 to 9.59 step 20.0 kN/m

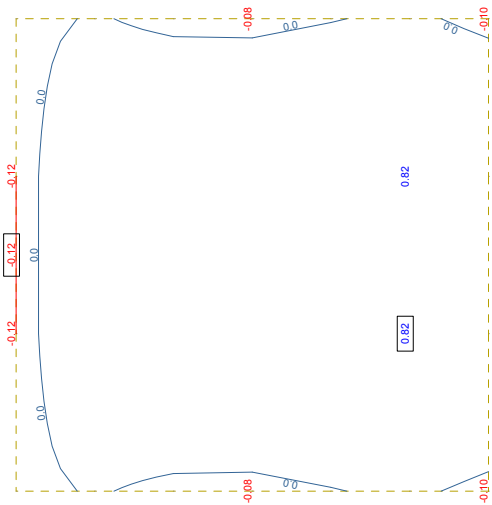


ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

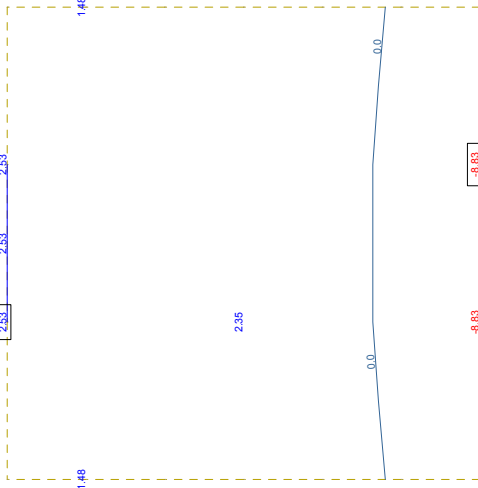
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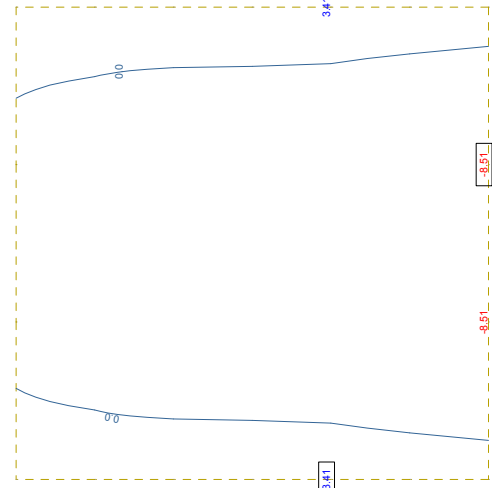
M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -0.906 to 0.735 step 10.0



M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -0.121 to 0.818 step 10.0



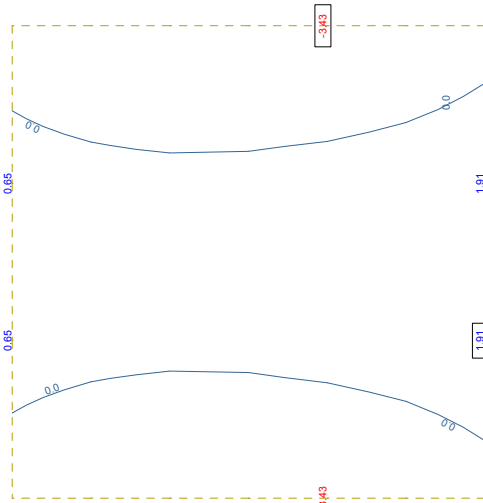
M 1 : 48
 Sector of system Group 2
 Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -8.83 to 2.53 step 20.0 kN/m



M 1 : 48
 Sector of system Group 2
 Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ X-X , from -8.51 to 3.41 step 20.0 kN/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΑΠΟΤΕΛΕΣΜΑΤΑ ΜΕΜΟΝΩΜΕΝΩΝ ΔΡΑΣΕΩΝ

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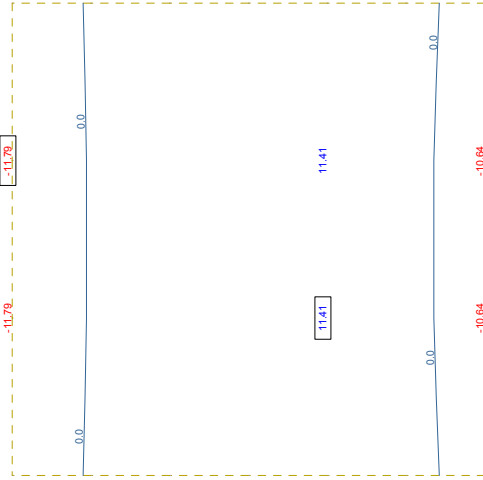


M 1 : 48
 Sector of system Group 2
 Bending moment m-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -3.43 to 1.91 step 10.0 kNm/m

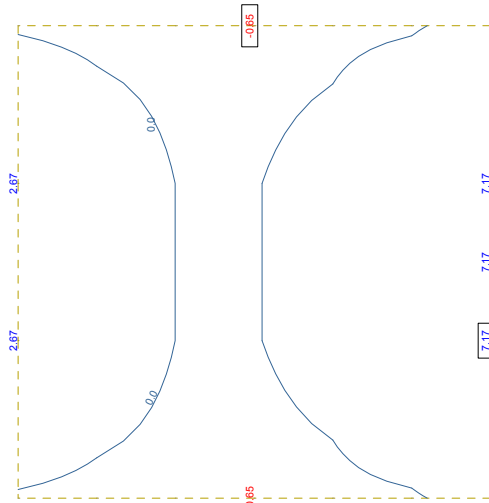
Y → X
 Z

M 1 : 48
 Sector of system Group 2

Membrane force n-xx in local x in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -11.8 to 11.4 step 20.0 kN/m



M 1 : 48



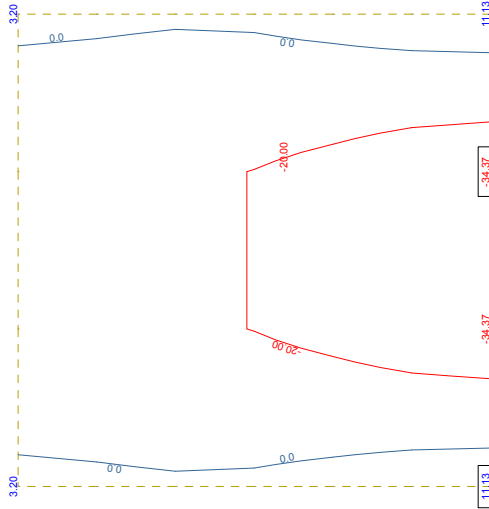
M 1 : 48
 Sector of system Group 2
 Bending moment m-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -0.651 to 7.17 step 10.0 kNm/m

Y → X
 Z

M 1 : 48
 Sector of system Group 2

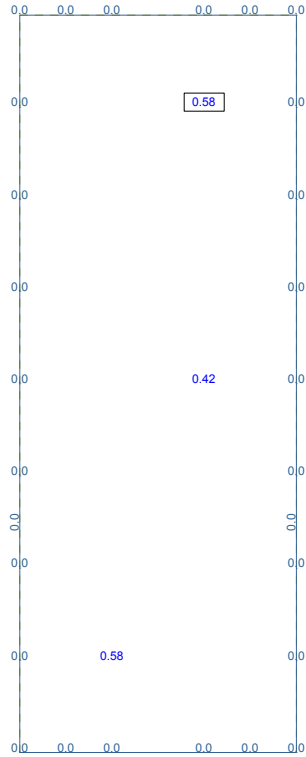
Membrane force n-yy in local y in Nodes
 ΑΔΡΑΝΕΙΑΚΕΣ ΔΥΝΑΜΕΙΣ Z-Z , from -34.4 to 11.1 step 20.0 kN/m

M 1 : 48



M 1 : 48

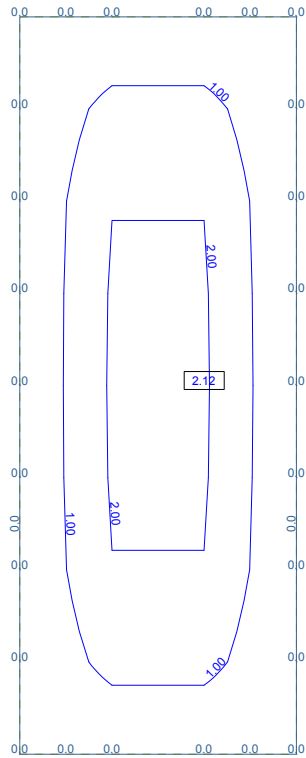
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



X Sector of system Group 0
 Z-Y upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↕, Design Case 1, from 0 to 0.583

M 1 : 82

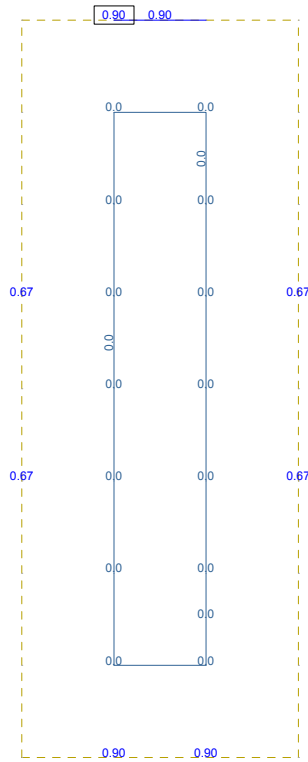


X Sector of system Group 0
 Z-Y upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↔, Design Case 1, from 0 to 2.12 step

M 1 : 82

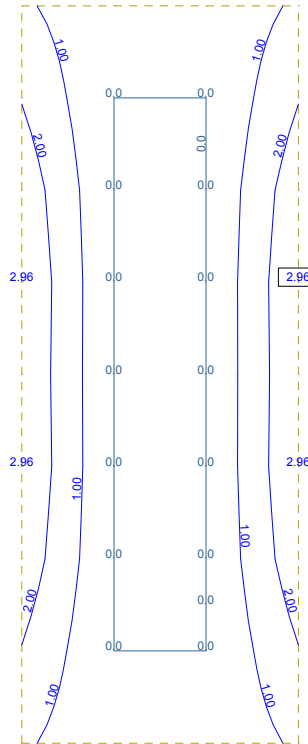
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



X Sector of system Group 0
 Z-Y lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↕, Design Case 1, from 0 to 0.903

M 1 : 82

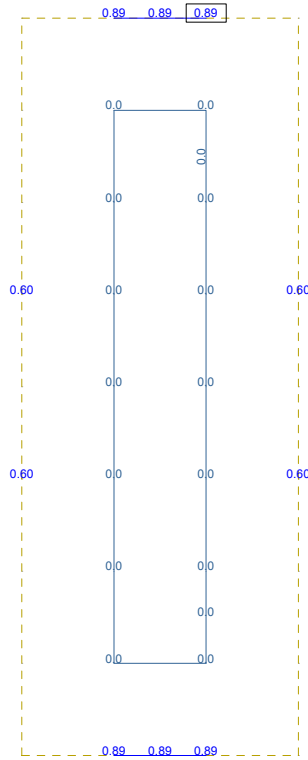


X Sector of system Group 0
 Z-Y lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↔, Design Case 1, from 0 to 2.96 step

M 1 : 82

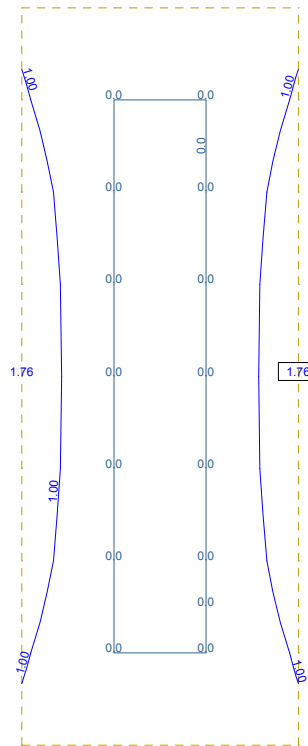
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



X Sector of system Group 5
 Z-Y upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↕, Design Case 1, from 0 to 0.893

M 1 : 82

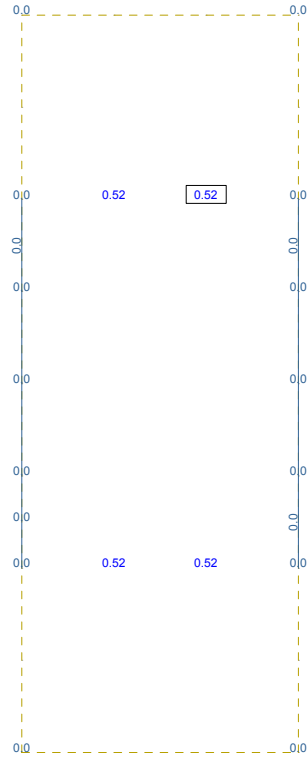


X Sector of system Group 5
 Z-Y upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↔, Design Case 1, from 0 to 1.76 step

M 1 : 82

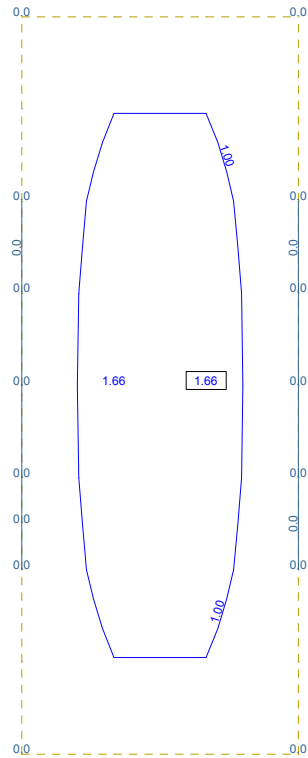
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



X Sector of system Group 5
 Z-Y lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↕, Design Case 1, from 0 to 0.518

M 1 : 82

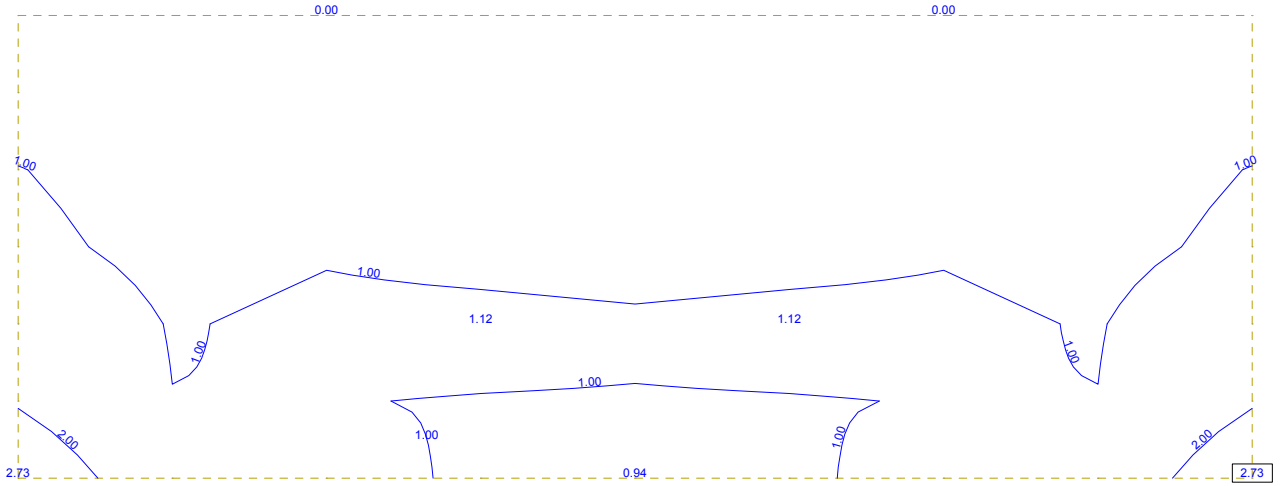


X Sector of system Group 5
 Z-Y lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↔, Design Case 1, from 0 to 1.66 step

M 1 : 82

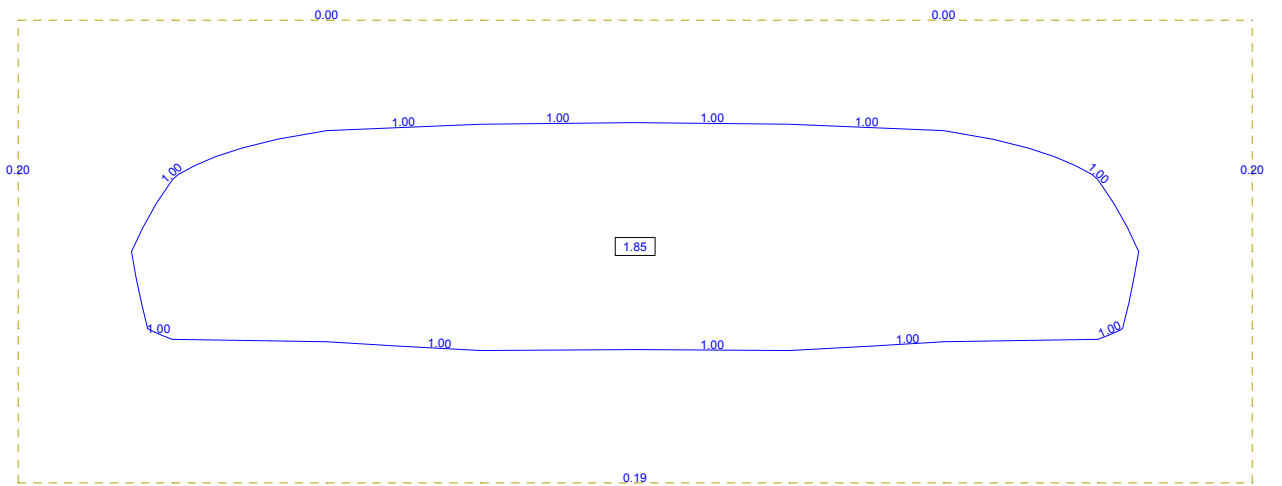
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



Sector of system Group 1
 upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 2.73

M 1 : 49

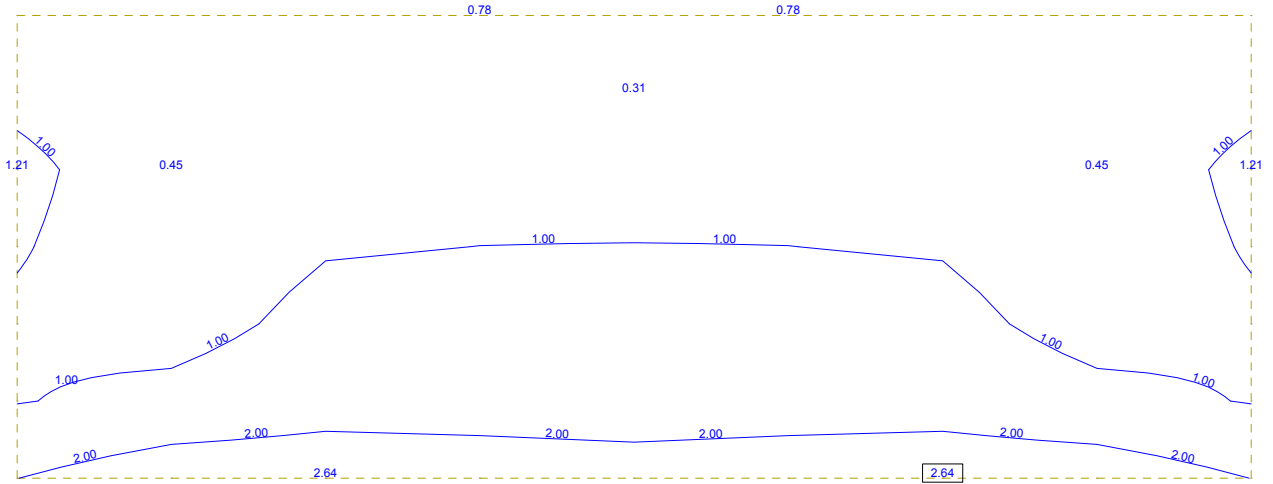


Sector of system Group 1
 upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 1.85 step

M 1 : 49

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



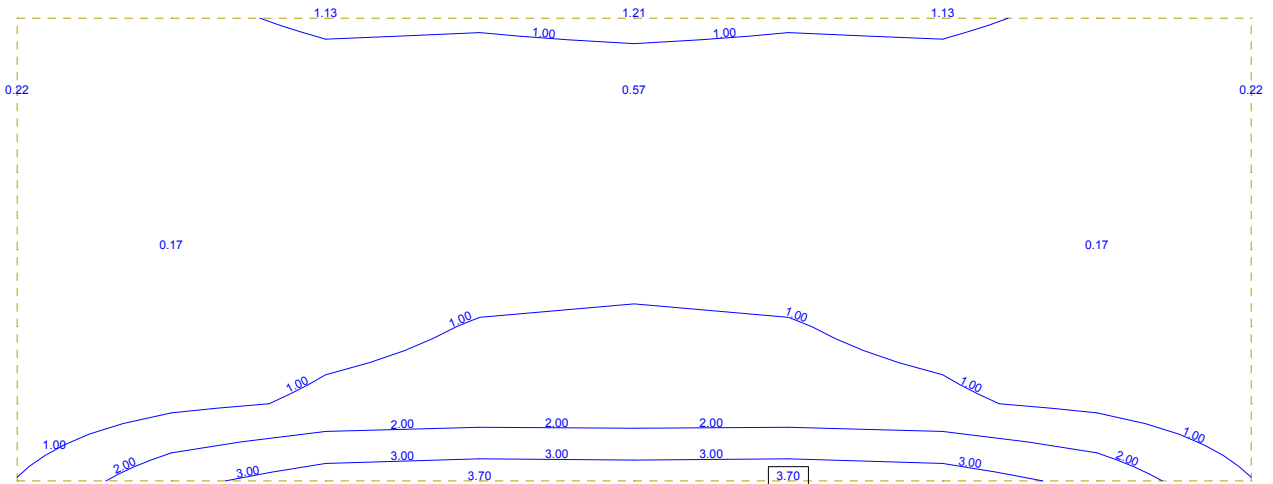
Y-X
 Z

Sector of system Group 1
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm2/m

↔, Design Case 1, from 0 to 2.64

M 1 : 49

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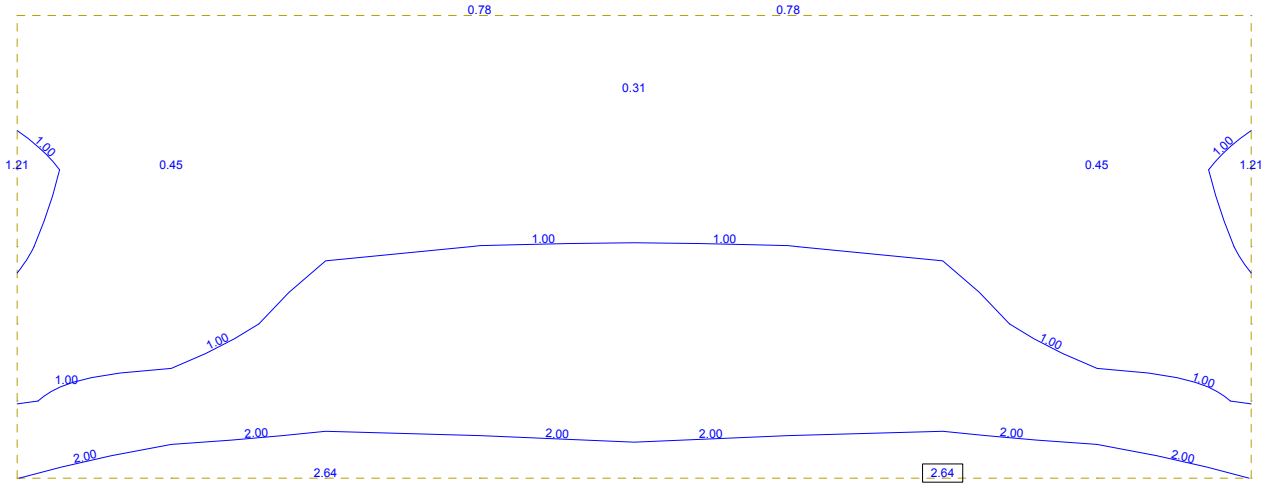
Y-X
 Z

Sector of system Group 1
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm2/m

↕, Design Case 1, from 0 to 3.70 step

M 1 : 49

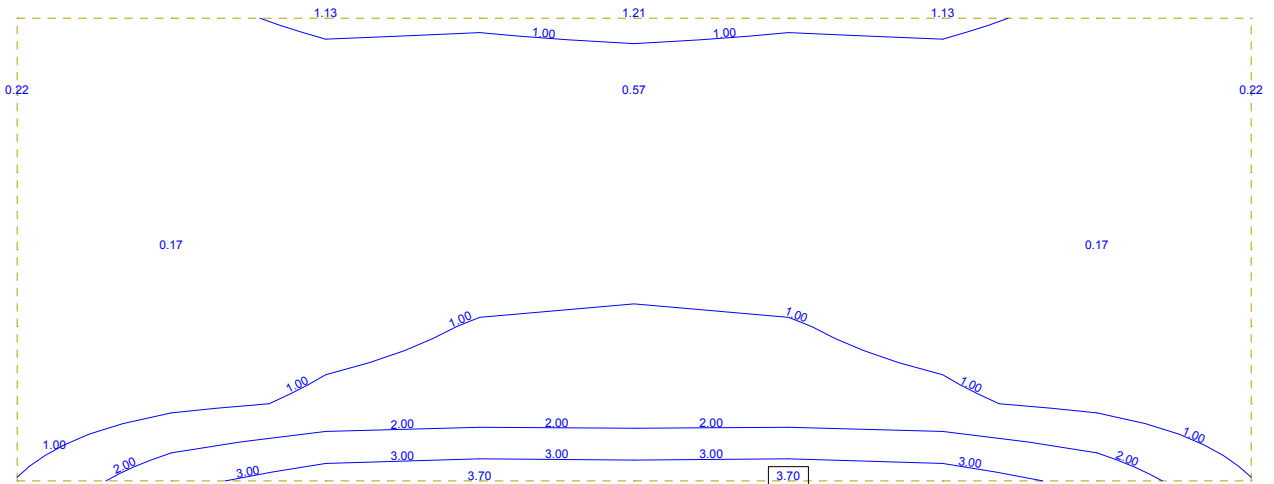
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ



Y-X
Z
 Sector of system Group 3
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 2.64

M 1 : 49



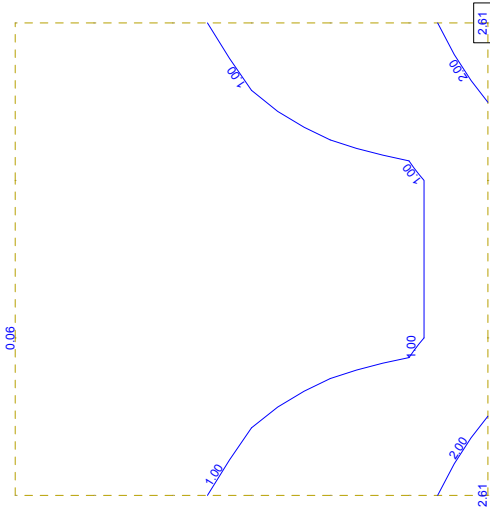
Y-X
Z
 Sector of system Group 3
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 3.70 step

M 1 : 49

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ

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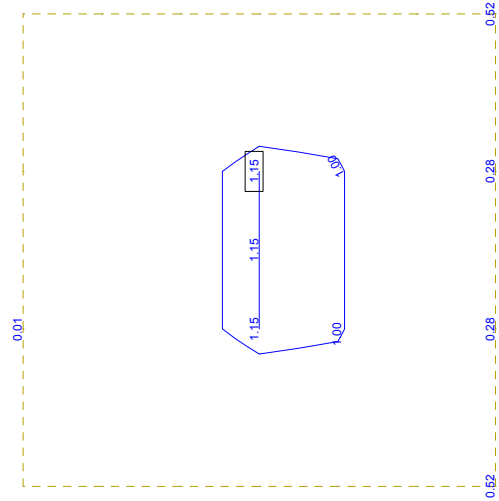


Sector of system Group 2
 upper Principal reinforcements (1st layer) in Nodes

X-Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 2.61 step 1.00 cm2/m



Sector of system Group 2
 upper Cross reinforcements (2nd layer) in Nodes

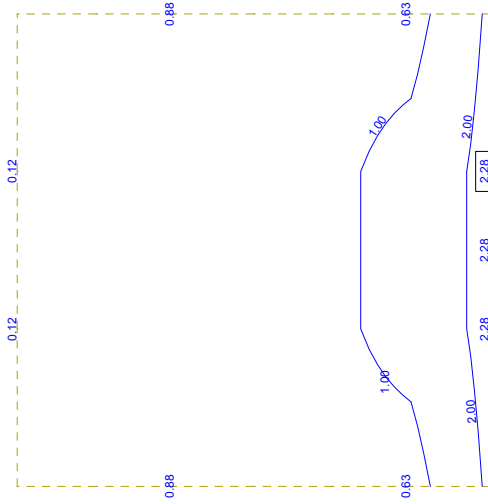
X-Y
 Z

M 1 : 48

↗, Design Case 1 , from 0 to 1.15 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ

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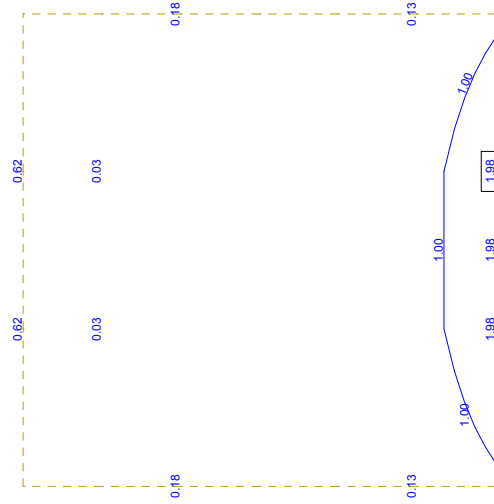


Sector of system Group 2
 lower Principal reinforcements (1st layer) in Nodes

X—Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 2.28 step 1.00 cm2/m



Sector of system Group 2
 lower Cross reinforcements (2nd layer) in Nodes

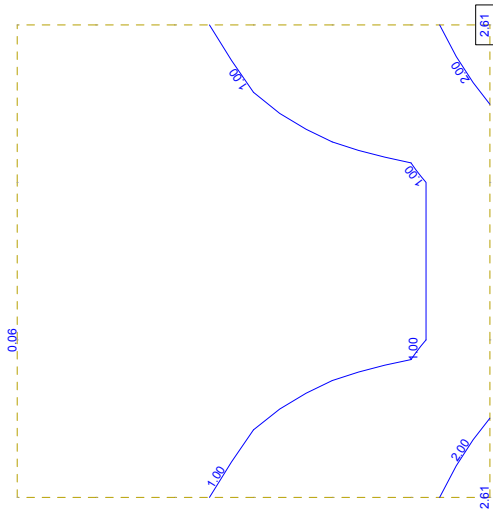
X—Y
 Z

M 1 : 48

↗, Design Case 1 , from 0 to 1.98 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ

SOFISTIK AG - www.sofistik.com

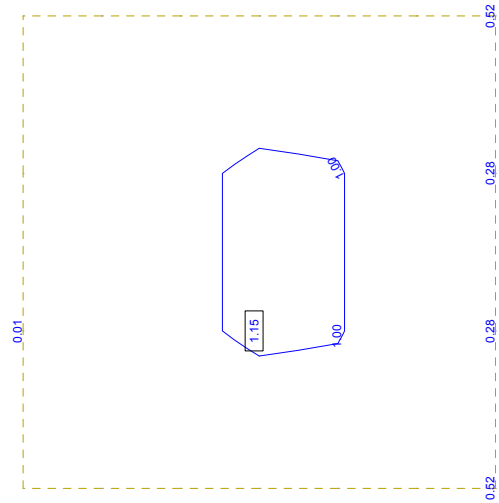


Sector of system Group 4
 upper Principal reinforcements (1st layer) in Nodes

X—Y
 Z

M 1 : 48

↔, Design Case 1 , from 0 to 2.61 step 1.00 cm2/m



Sector of system Group 4
 upper Cross reinforcements (2nd layer) in Nodes

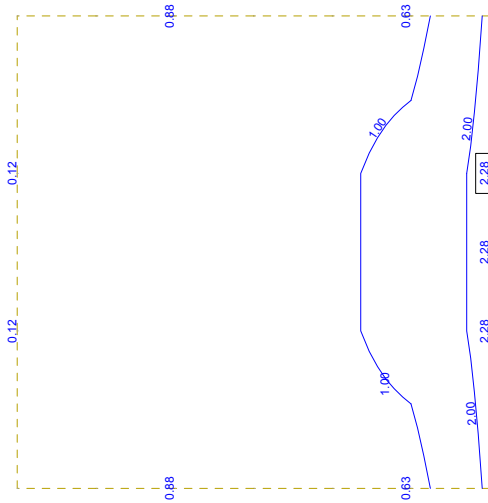
X—Y
 Z

M 1 : 48

↕, Design Case 1 , from 0 to 1.15 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΟΠΛΙΣΜΟΙ ΑΣΤΟΧΙΑΣ

SOFISTIK AG - www.sofistik.com

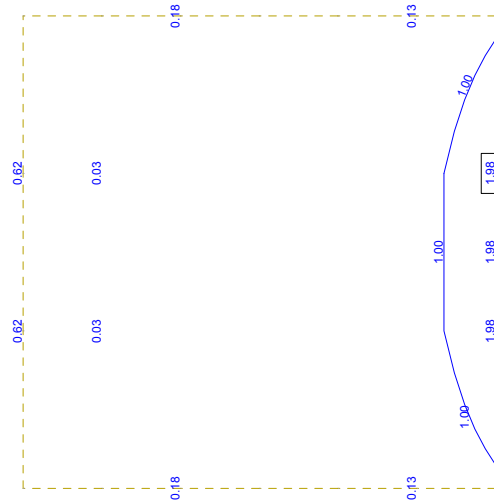


Sector of system Group 4
 lower Principal reinforcements (1st layer) in Nodes

X-Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 2.28 step 1.00 cm2/m



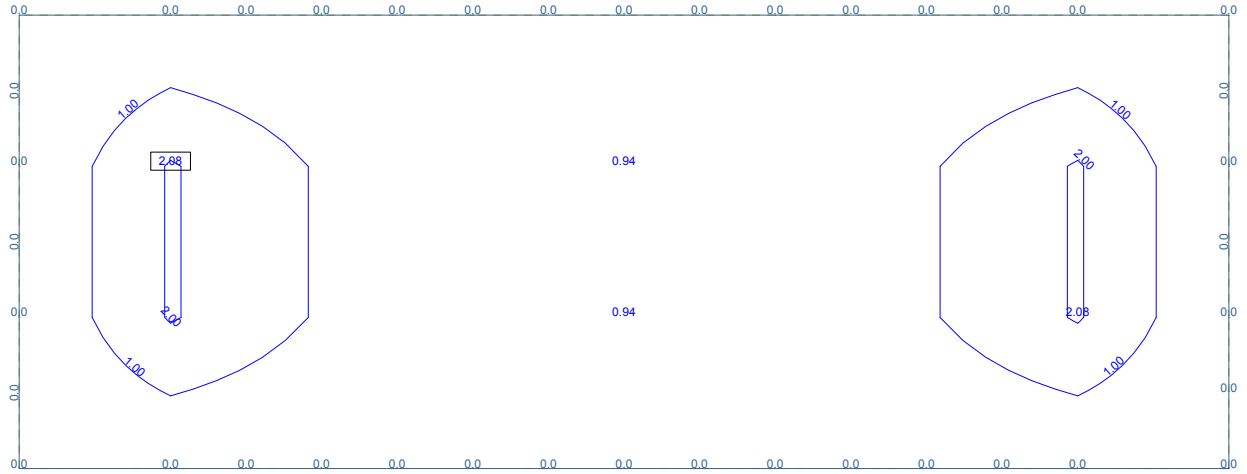
Sector of system Group 4
 lower Cross reinforcements (2nd layer) in Nodes

X-Y
 Z

M 1 : 48

↙, Design Case 1 , from 0 to 1.98 step 1.00 cm2/m

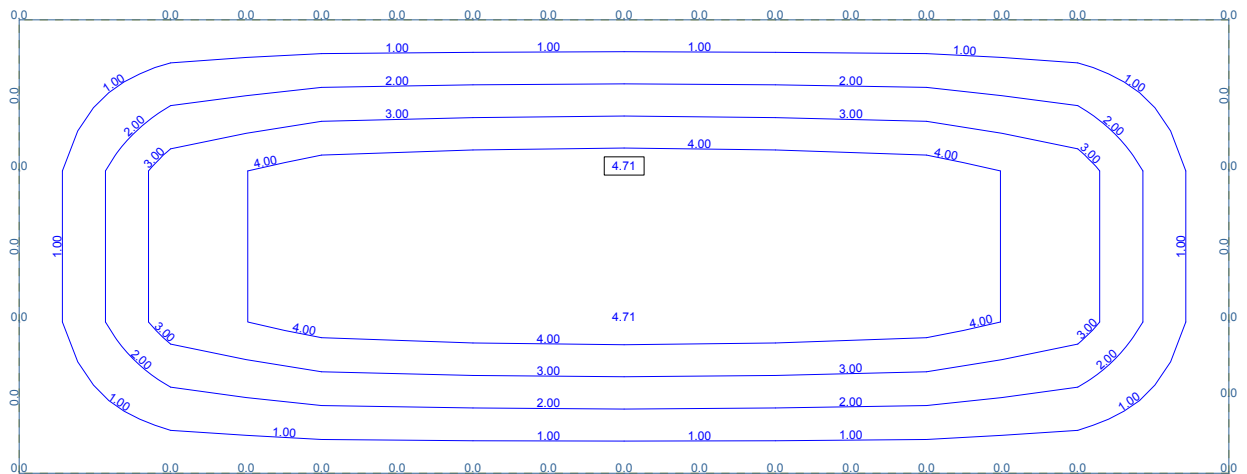
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y
 X-Z Sector of system Group 0
 upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 2.08

M 1 : 50

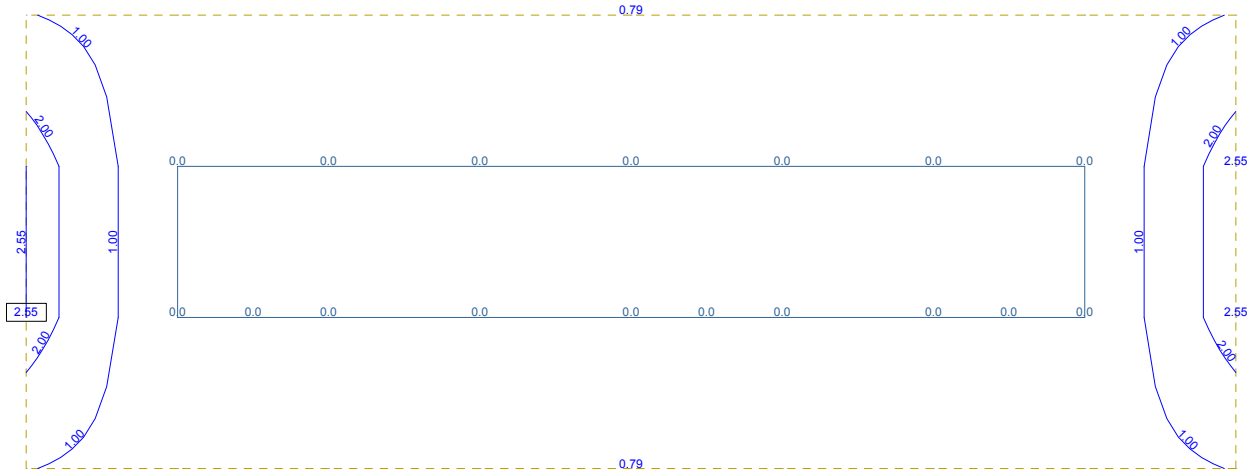


Y
 X-Z Sector of system Group 0
 upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 4.71 step

M 1 : 50

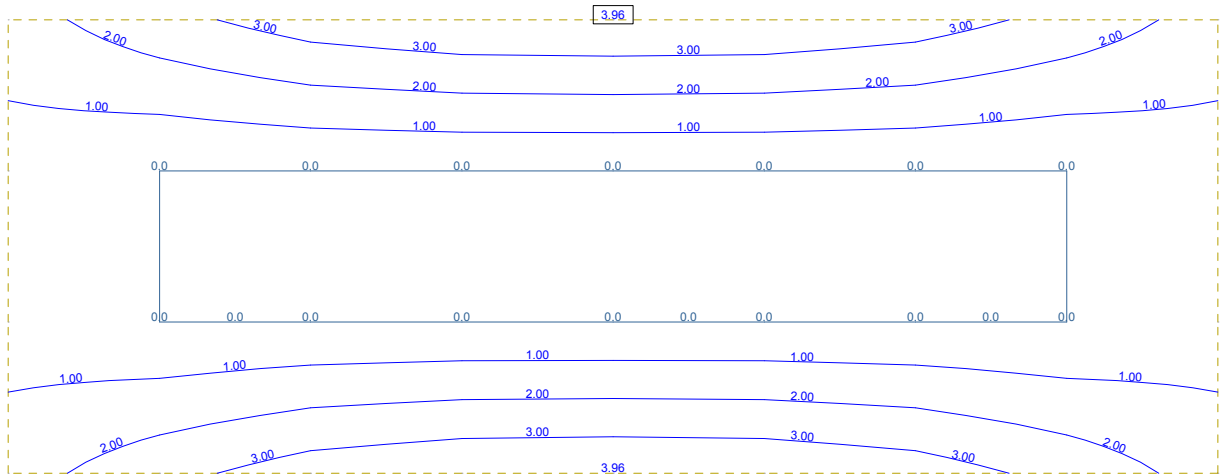
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y
X-Z Sector of system Group 0
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 2.55

M 1 : 50

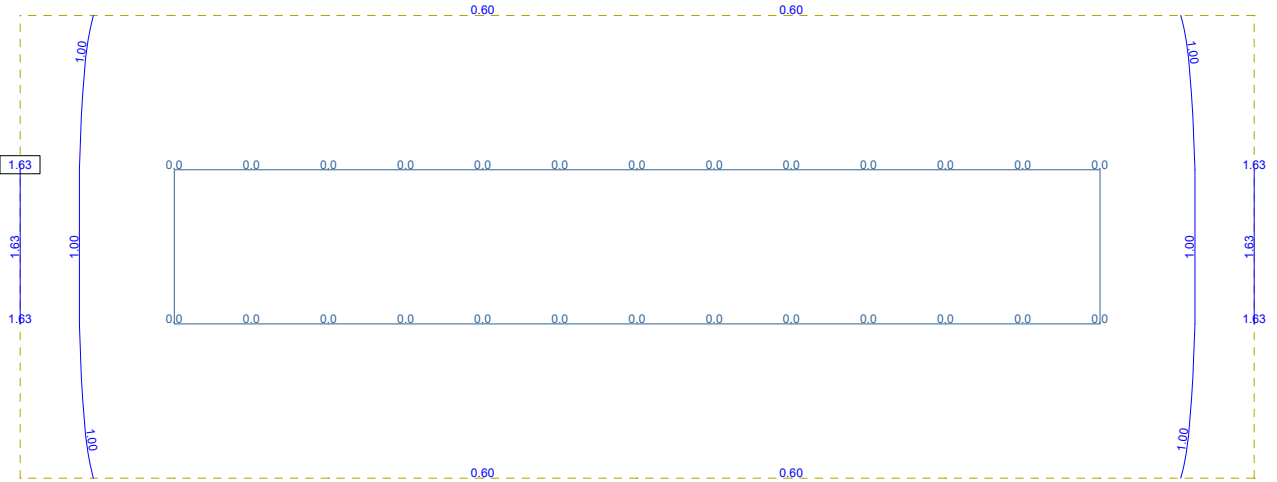


Y
X-Z Sector of system Group 0
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 3.96 step

M 1 : 50

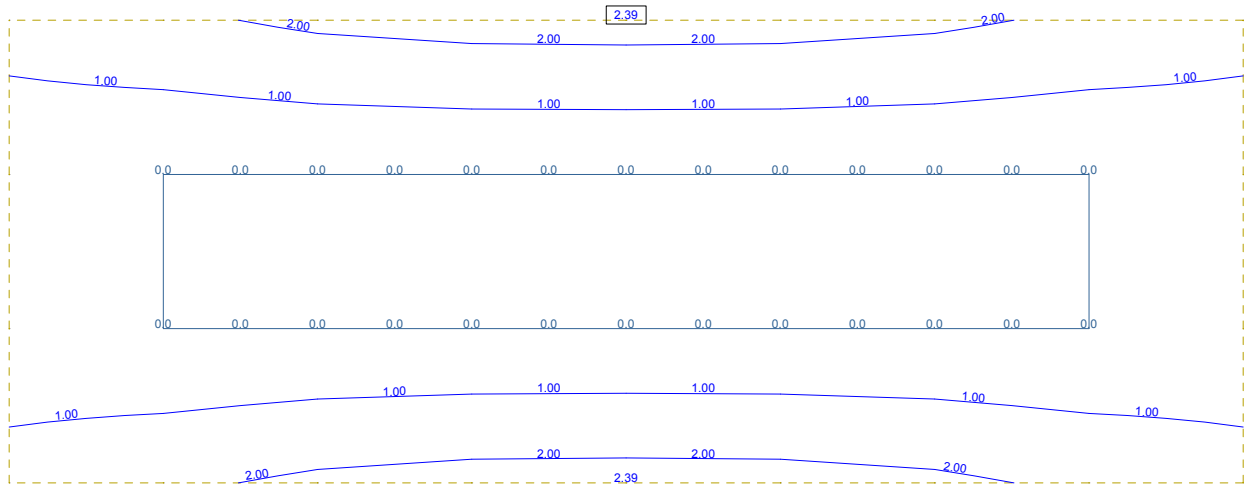
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y
 X-Z Sector of system Group 5
 upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 1.63

M 1 : 49

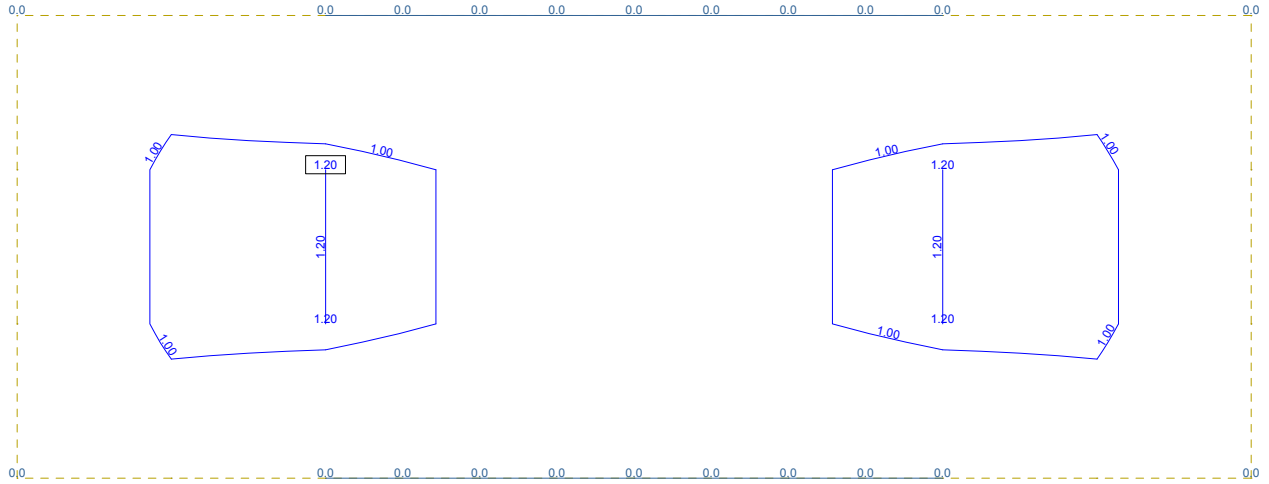


Y
 X-Z Sector of system Group 5
 upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 2.39 step

M 1 : 49

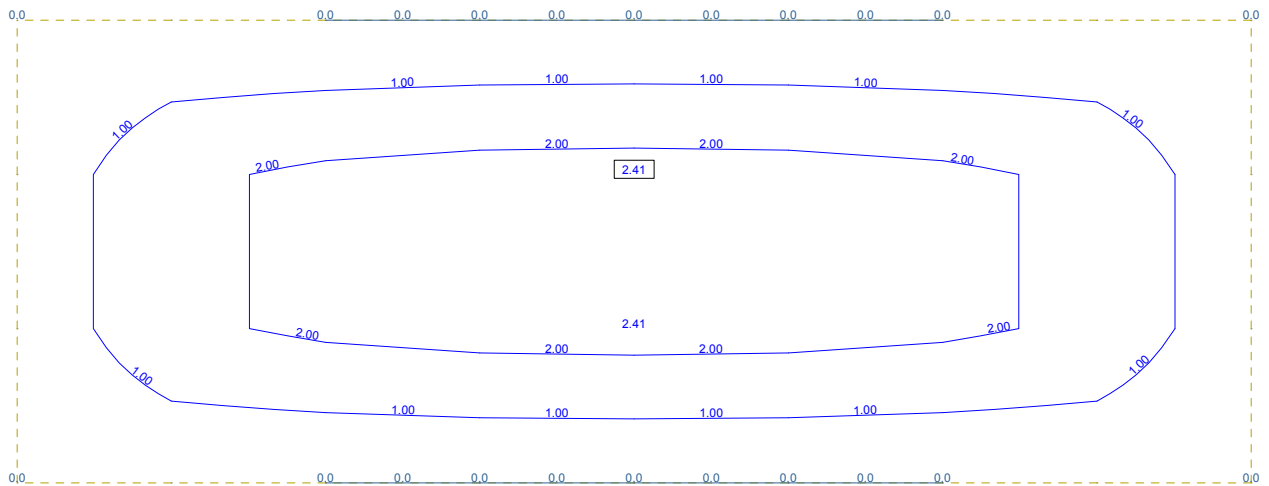
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y
 X-Z Sector of system Group 5
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 1.20

M 1 : 49

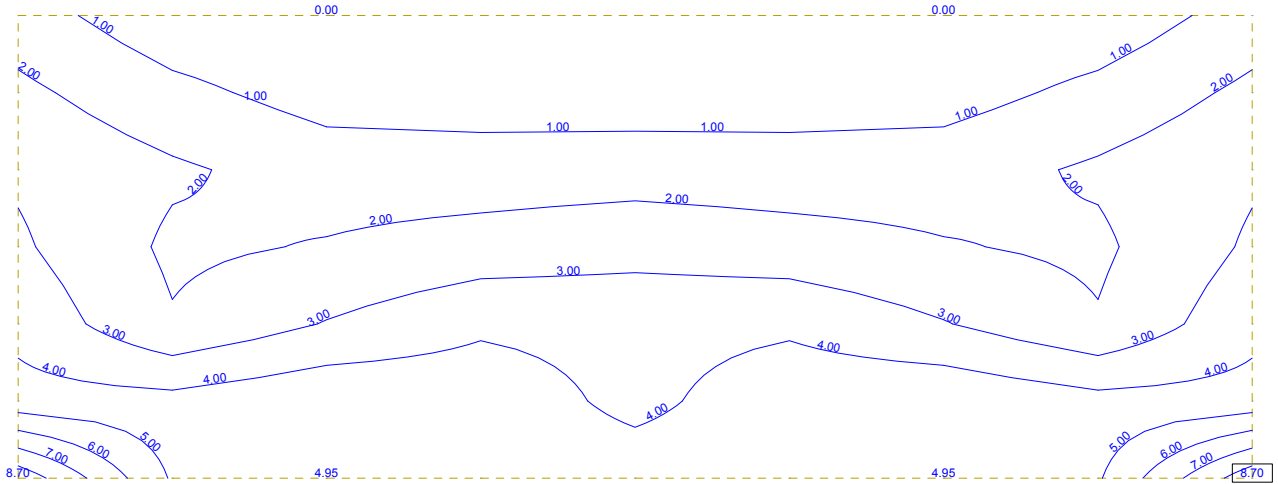


Y
 X-Z Sector of system Group 5
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 2.41 step

M 1 : 49

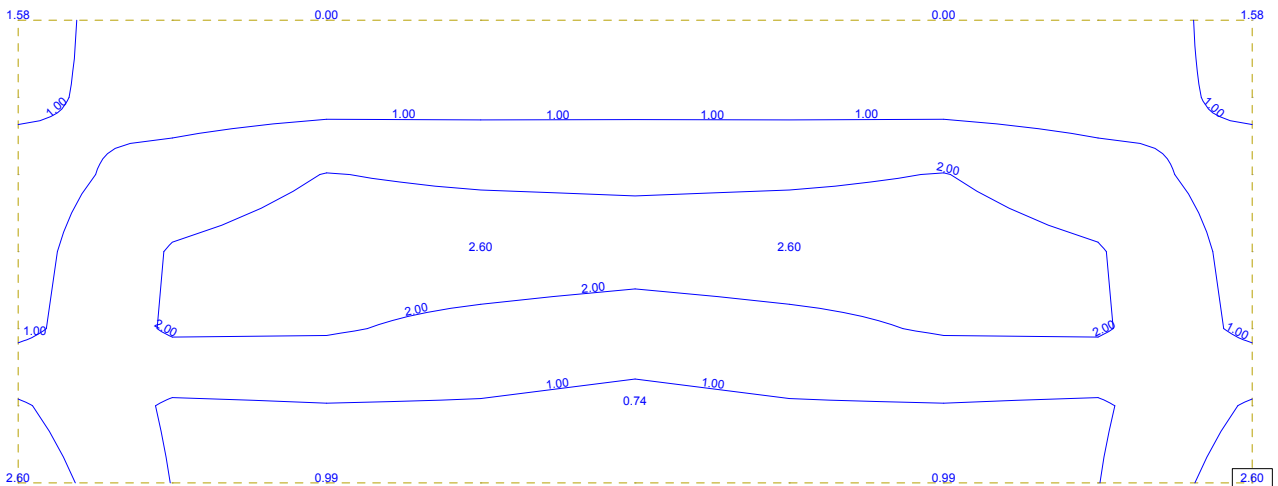
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y-X
Z
Sector of system Group 1
 upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 8.70

M 1 : 49

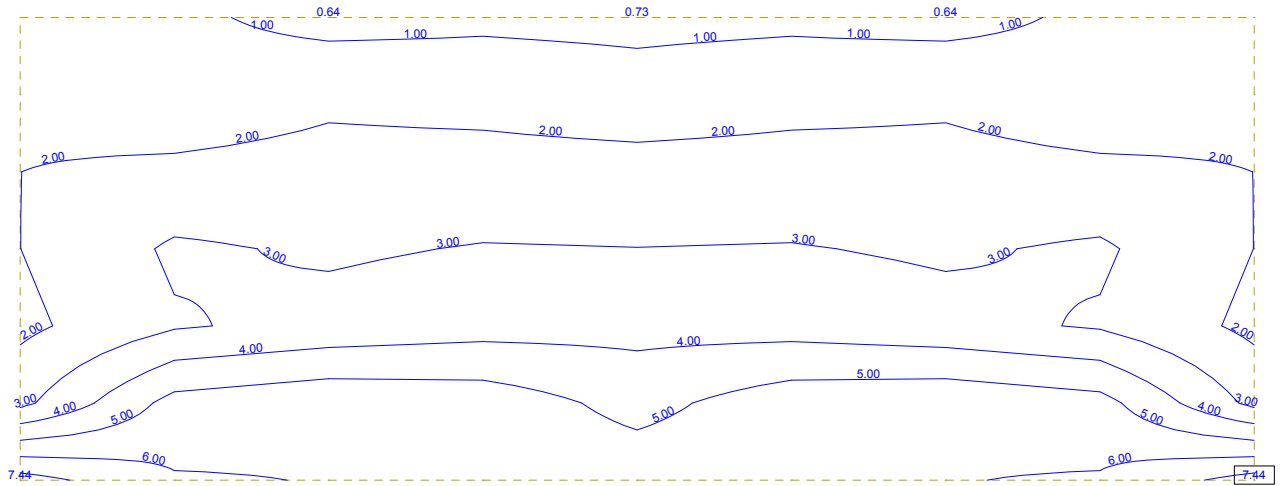


Y-X
Z
Sector of system Group 1
 upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↕, Design Case 1, from 0 to 2.60 step

M 1 : 49

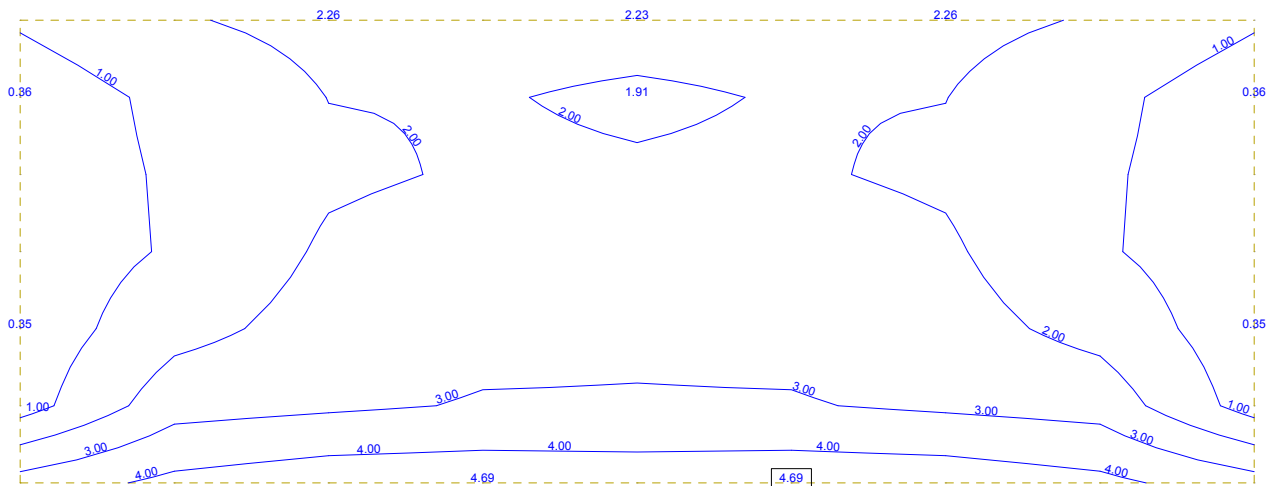
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y-X
Z
Sector of system Group 1
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

⇒ , Design Case 1 , from 0 to 7.44

M 1 : 49

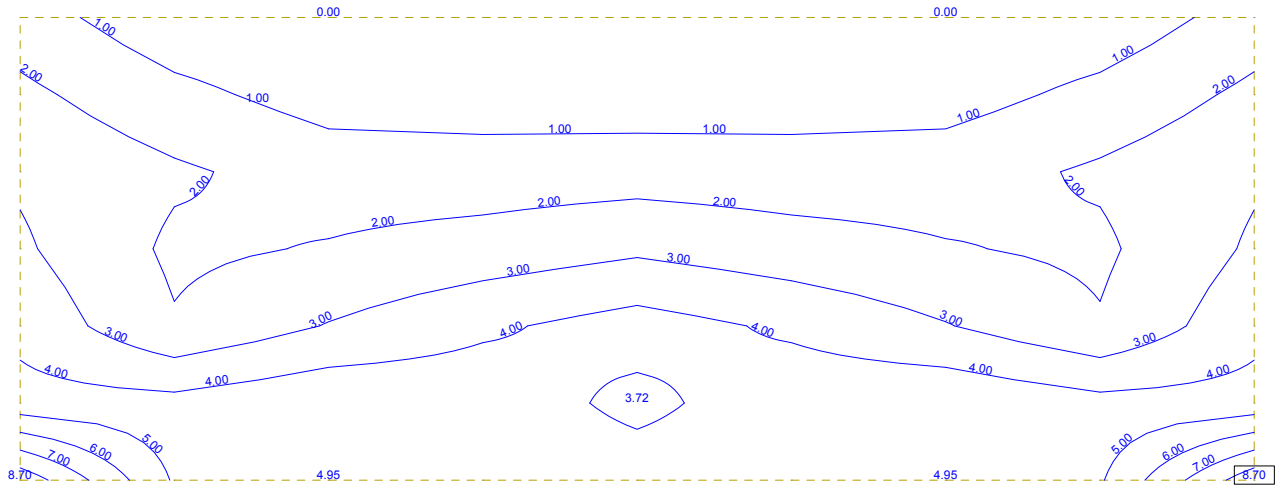


Y-X
Z
Sector of system Group 1
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

⊥, Design Case 1 , from 0 to 4.69 step

M 1 : 49

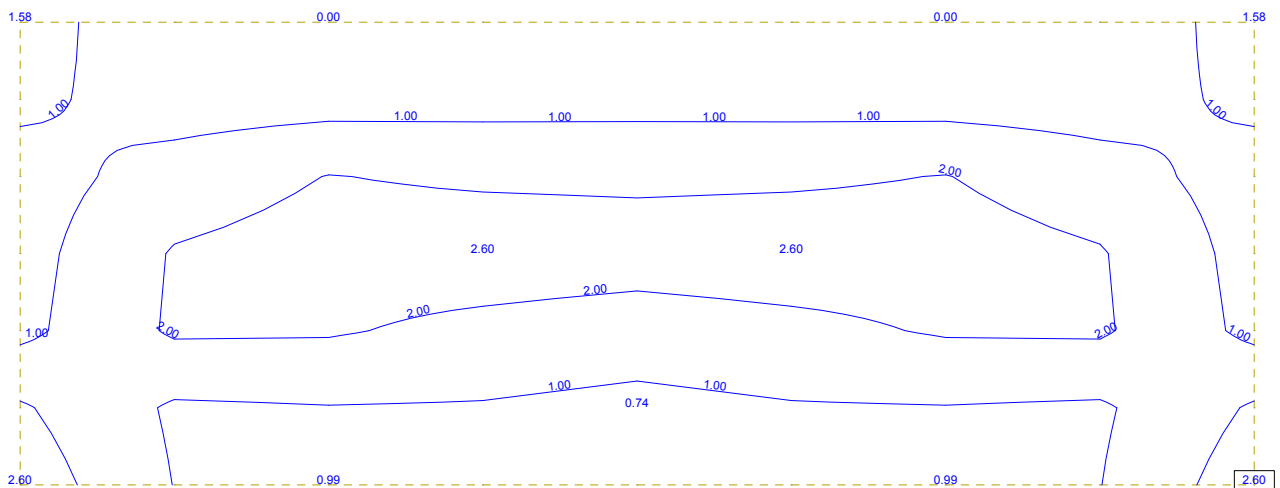
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y-X
Z
Sector of system Group 3
 upper Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

↔, Design Case 1, from 0 to 8.70

M 1 : 49

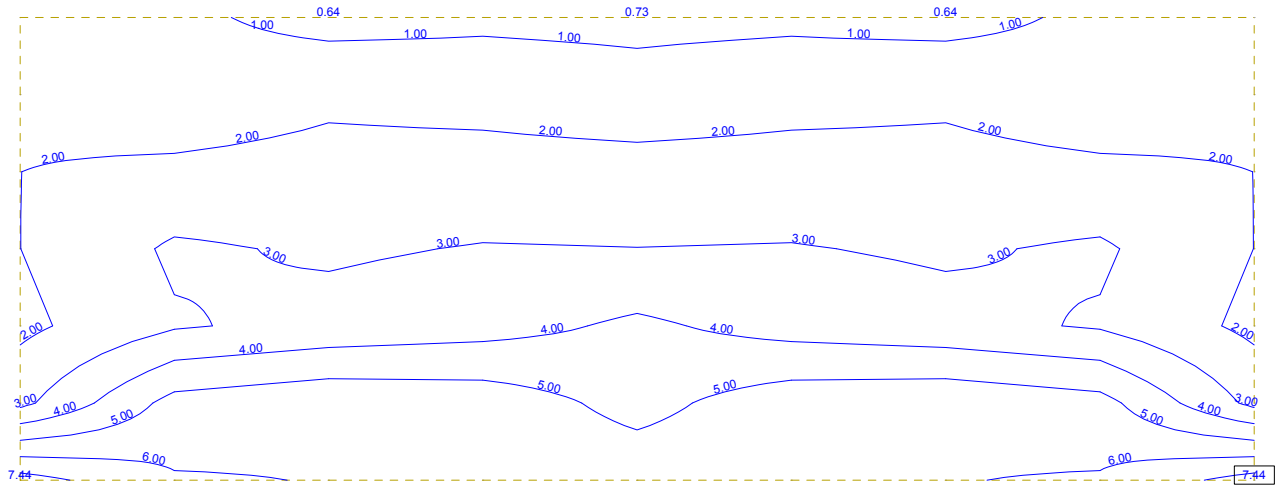


Y-X
Z
Sector of system Group 3
 upper Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↔, Design Case 1, from 0 to 2.60 step

M 1 : 49

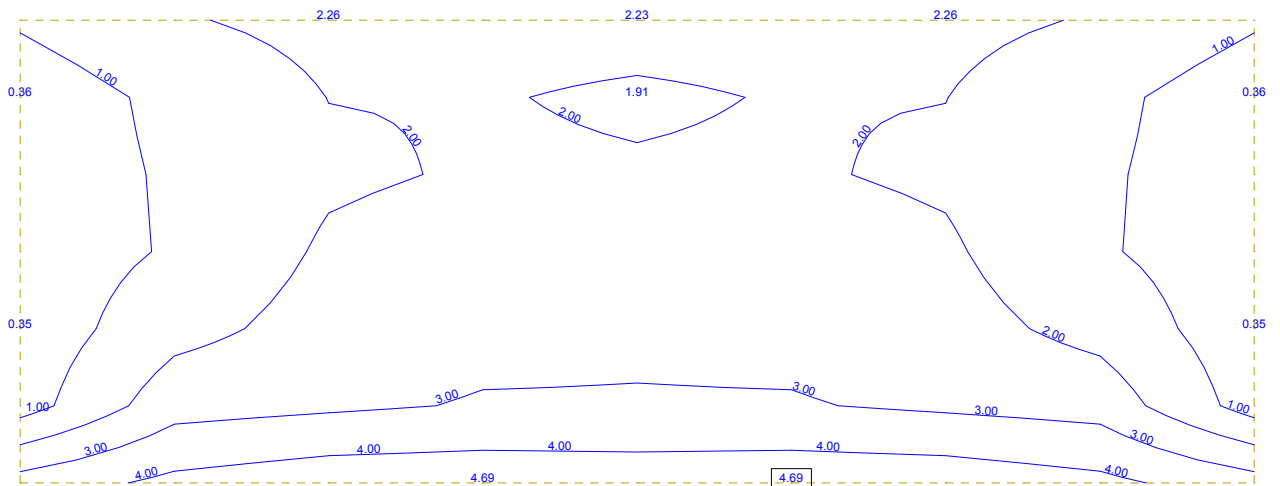
ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ



Y-X
Z
Sector of system Group 3
 lower Principal reinforcements (1st layer) in Nodes
 step 1.00 cm²/m

⇒, Design Case 1, from 0 to 7.44

M 1 : 49



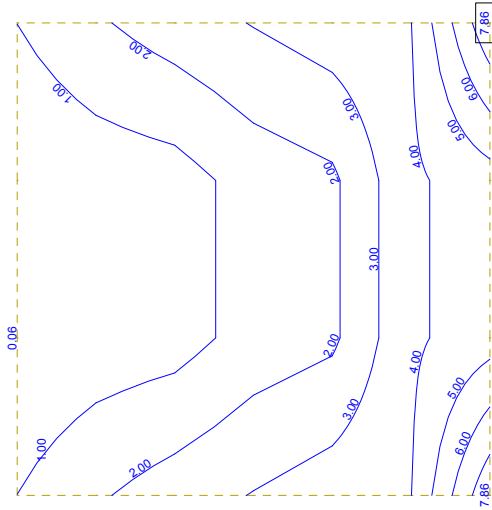
Y-X
Z
Sector of system Group 3
 lower Cross reinforcements (2nd layer) in Nodes
 1.00 cm²/m

↙, Design Case 1, from 0 to 4.69 step

M 1 : 49

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ

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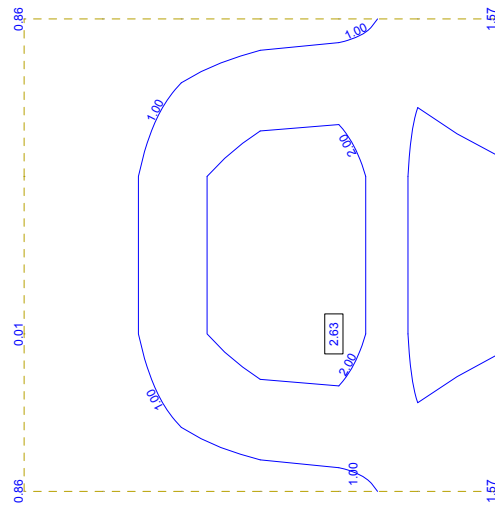


Sector of system Group 2
 upper Principal reinforcements (1st layer) in Nodes

X-Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 7.86 step 1.00 cm2/m



Sector of system Group 2
 upper Cross reinforcements (2nd layer) in Nodes

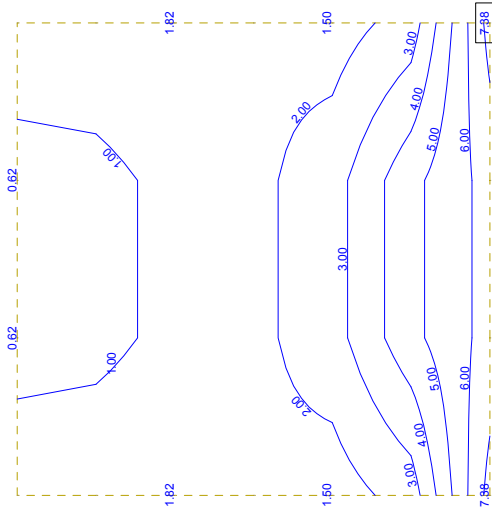
X-Y
 Z

M 1 : 48

↗, Design Case 1 , from 0 to 2.63 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ

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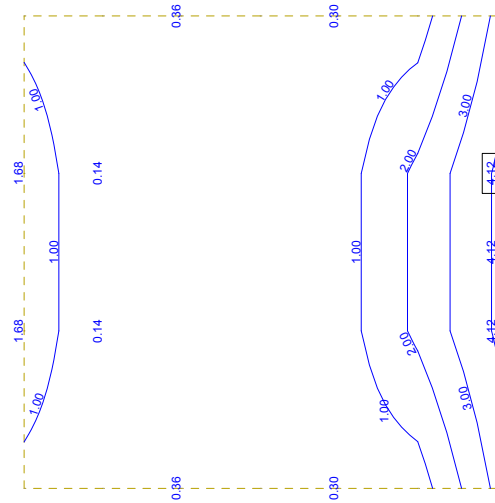


Sector of system Group 2
 lower Principal reinforcements (1st layer) in Nodes

X—Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 7.38 step 1.00 cm2/m



Sector of system Group 2
 lower Cross reinforcements (2nd layer) in Nodes

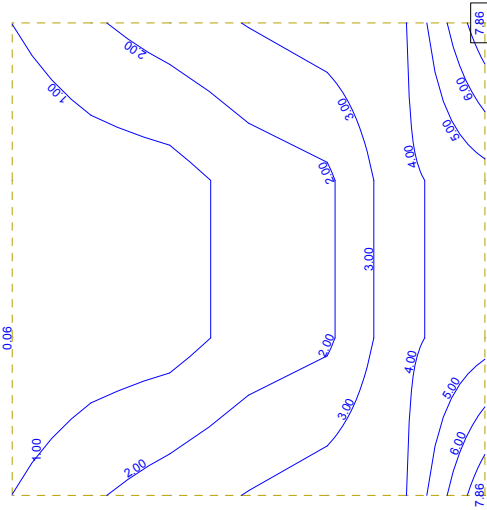
X—Y
 Z

M 1 : 48

↗, Design Case 1 , from 0 to 4.12 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ

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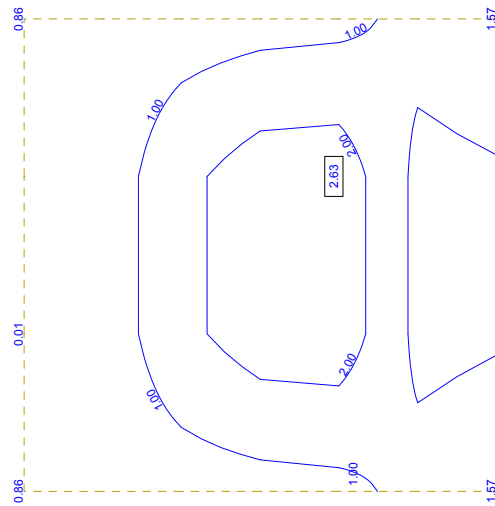


Sector of system Group 4
 upper Principal reinforcements (1st layer) in Nodes

X-Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 7.86 step 1.00 cm2/m



Sector of system Group 4
 upper Cross reinforcements (2nd layer) in Nodes

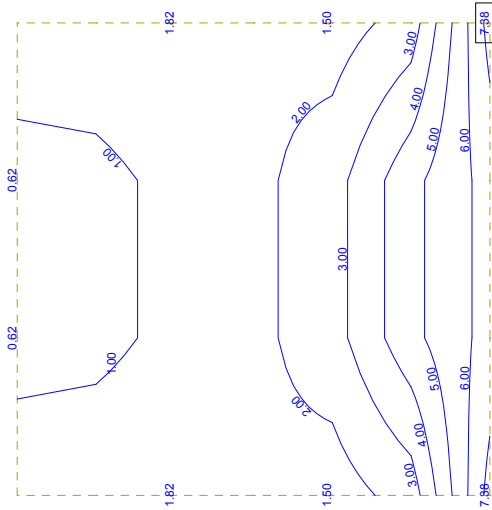
X-Y
 Z

M 1 : 48

↙, Design Case 1 , from 0 to 2.63 step 1.00 cm2/m

ΣΤΕΓΑΝΟΣ ΒΟΘΡΟΣ
 ΠΕΡΙΒΑΛΛΟΥΣΑ ΟΠΛΙΣΜΩΝ ΑΠΟ ΑΣΤΟΧΙΑ ΚΑΙ ΡΗΓΜΑΤΩΣΗ

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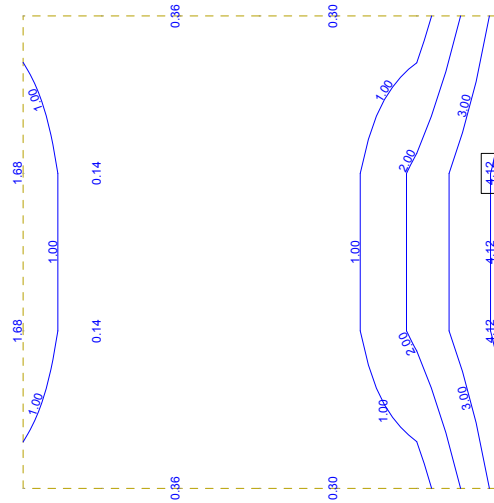


Sector of system Group 4
 lower Principal reinforcements (1st layer) in Nodes

X—Y
 Z

M 1 : 48

↖, Design Case 1 , from 0 to 7.38 step 1.00 cm2/m



Sector of system Group 4
 lower Cross reinforcements (2nd layer) in Nodes

X—Y
 Z

M 1 : 48

↙, Design Case 1 , from 0 to 4.12 step 1.00 cm2/m