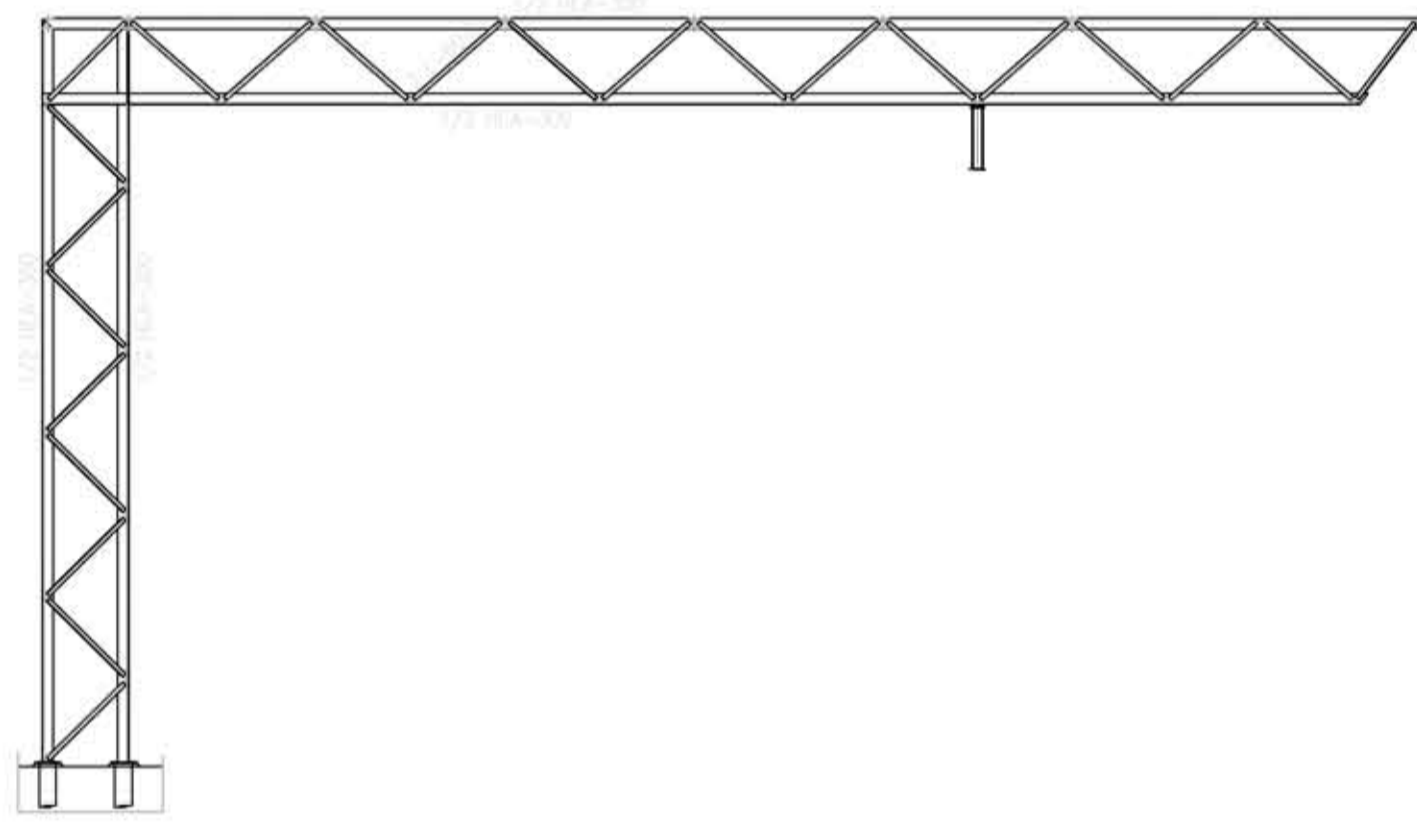
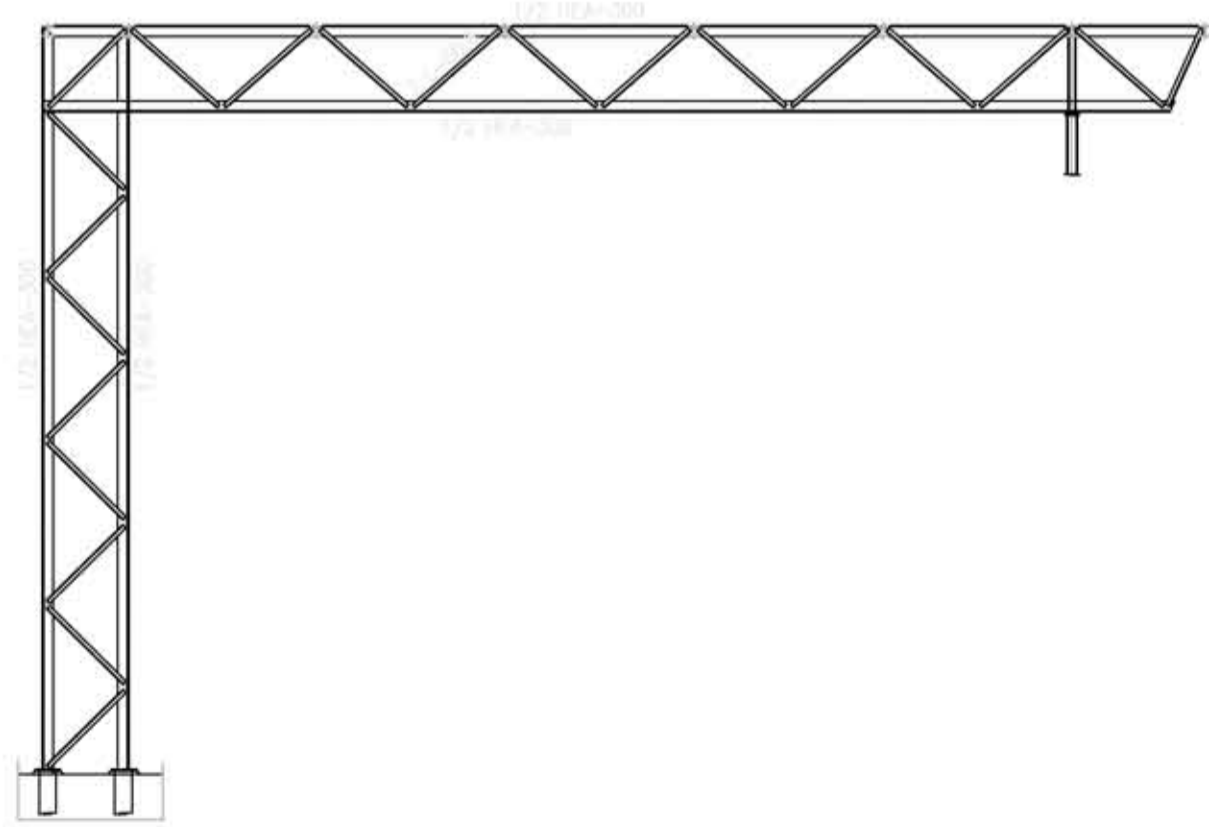


ENCAVALLADA TIPUS T-3
e:1/100

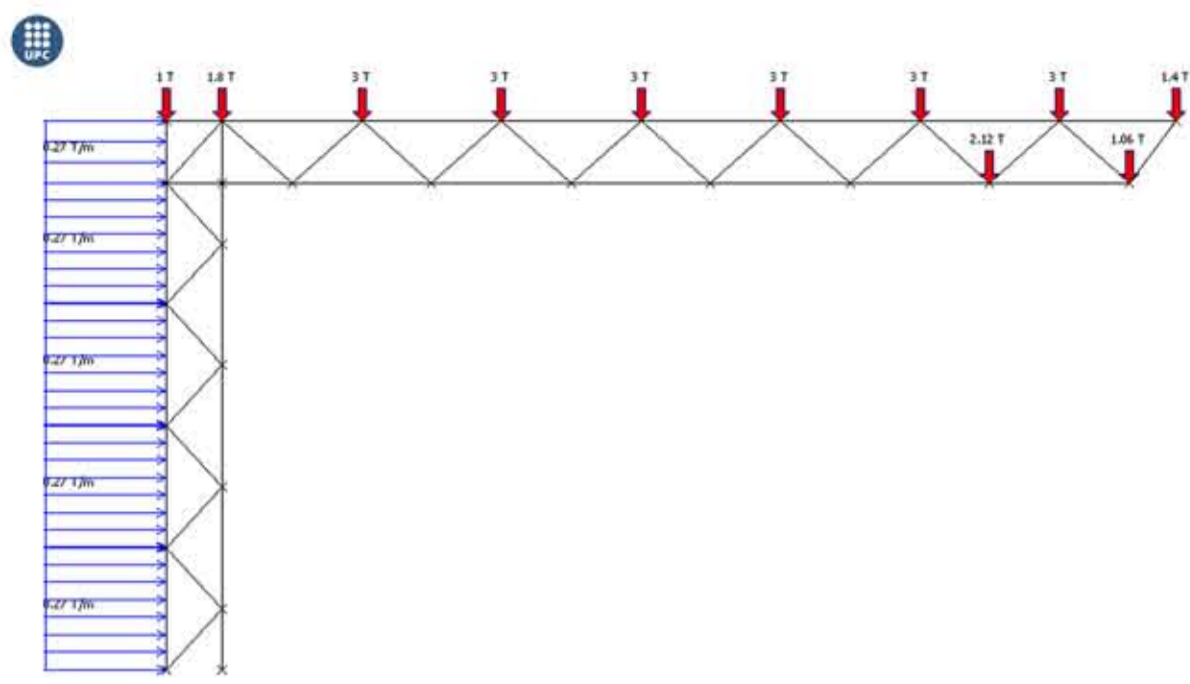


ENCAVALLADA TIPUS T-2
e:1/100

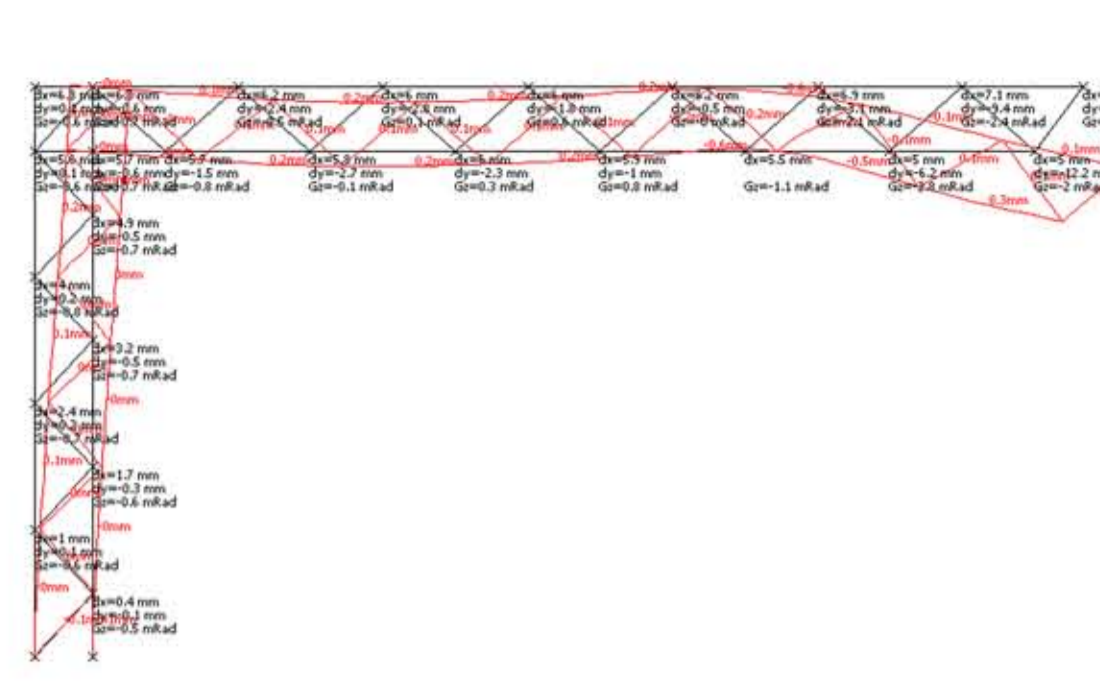


ENCAVALLADA TIPUS T-1
e:1/100

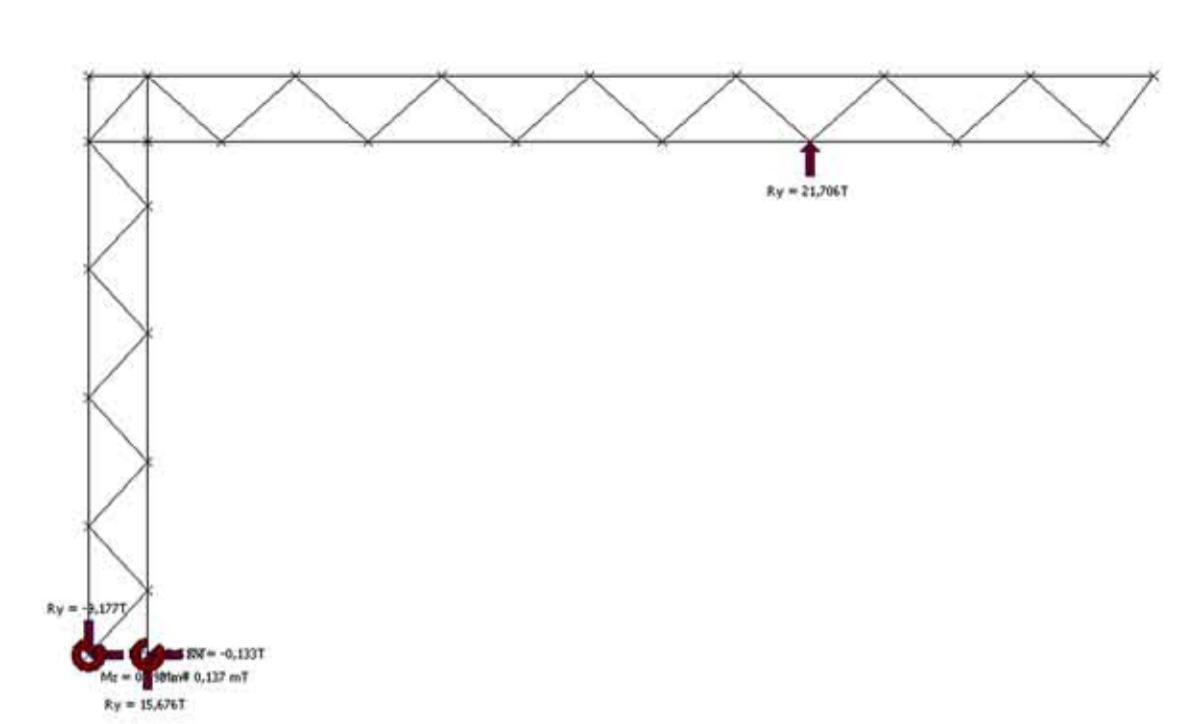
ENCAVALLADA TIPUS T-3



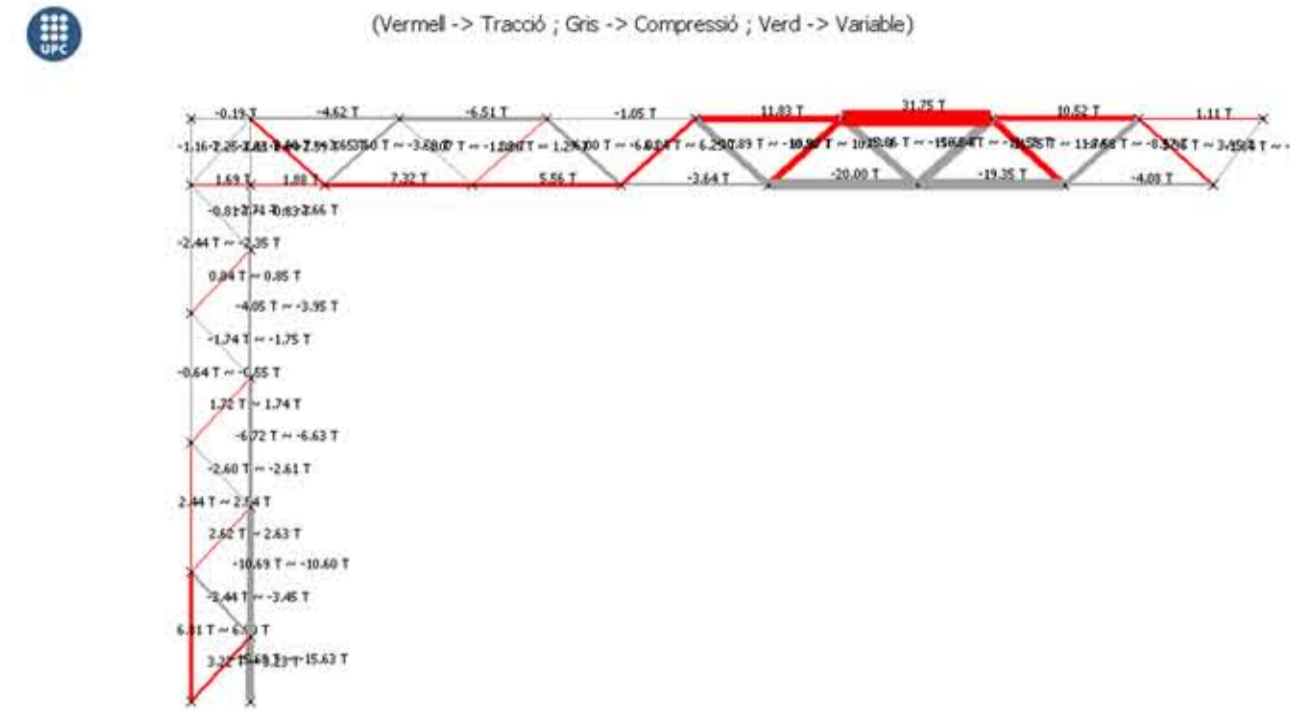
Accions (Combinada - 1)



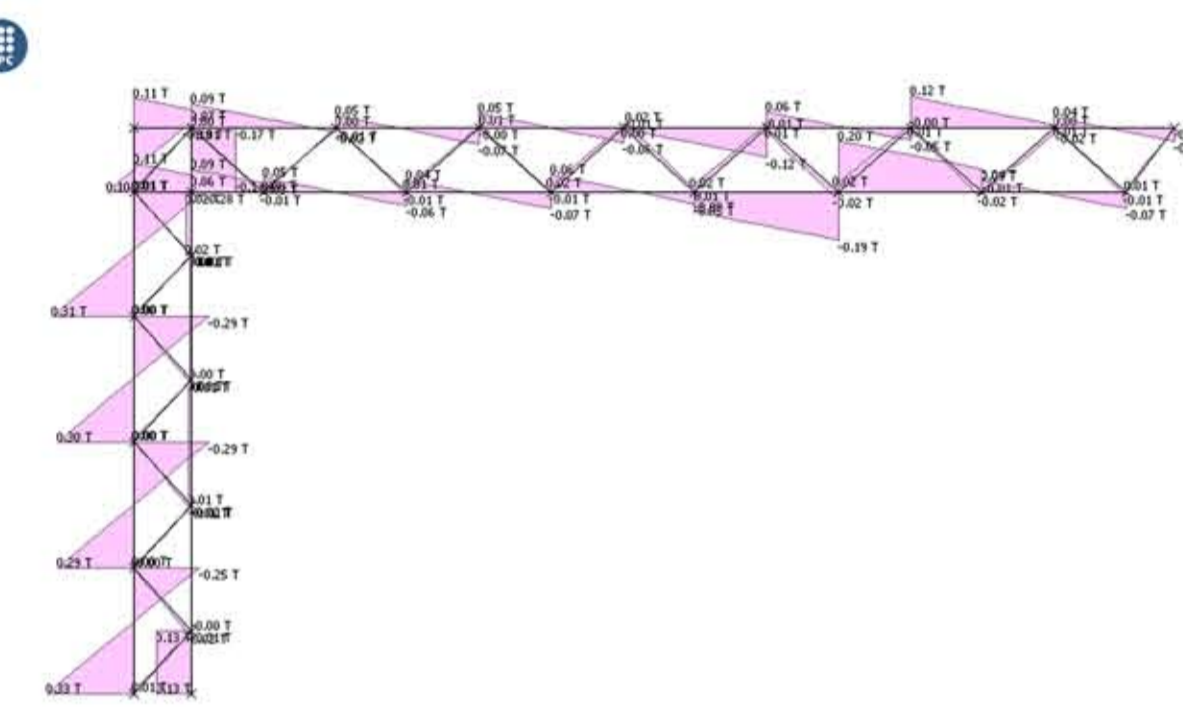
Deformacions (Combinada - 1)



Reaccions (Combinada - 1)



Axials (Combinada - 1)

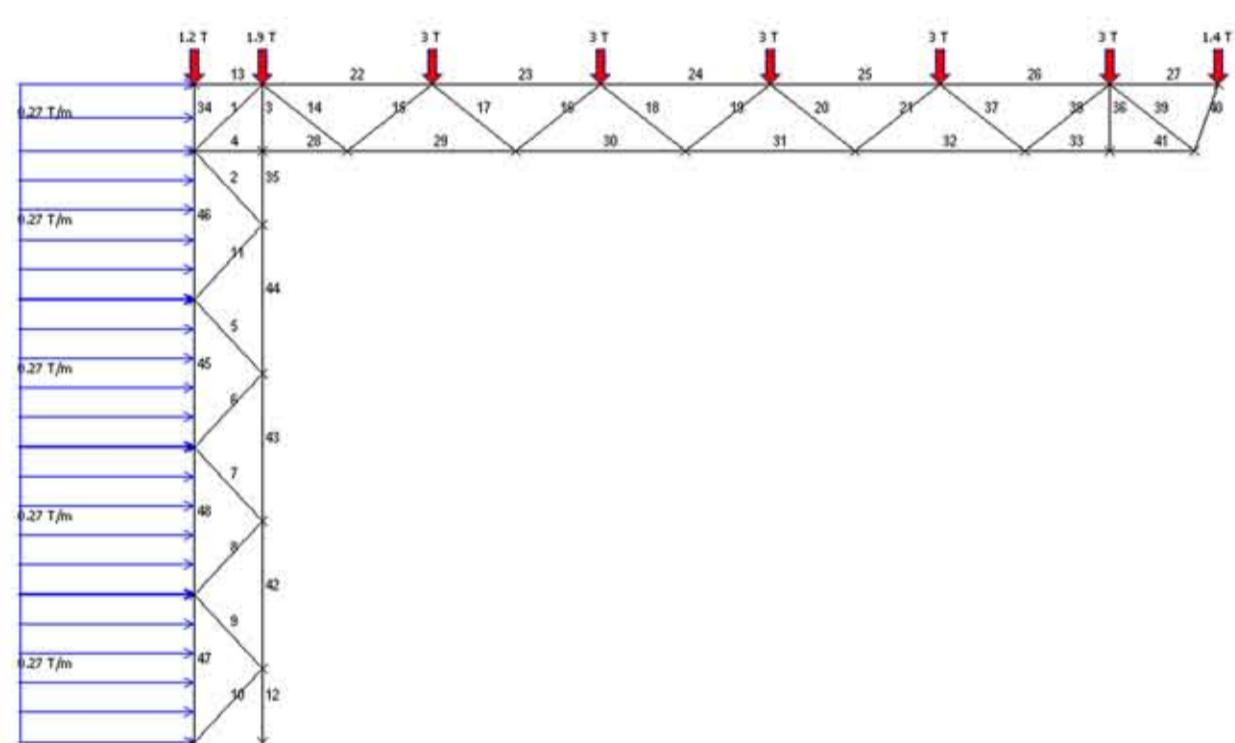


Tallants (Combinada - 1)

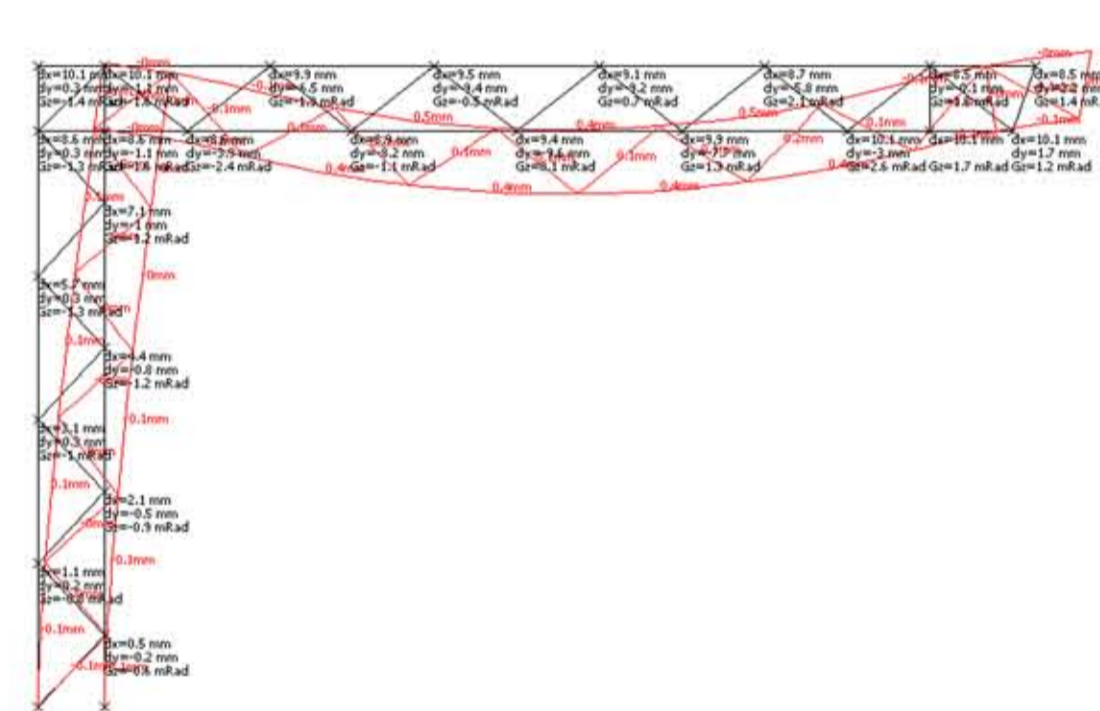
ENCAVALLADA TIPUS 3
f/vent voladú = 500/1,42 = L/350
f/hor = 900/0,6 = L/1500

$\lambda = L_0/i_x = 250/0,35 = 714,3$; $\omega = 1,42$
 $\delta = (N^* \lambda^4 / A) + (M^* W) = (35,26 \cdot 10^3 \times 1,5 \times 1,42^4 / 56,3) + (0,1 \cdot 10 \times 1,5 / 51,2) = 1626,9 \text{ kg/cm}^2 < 2600$
Diagonal més sol·licitada: $N^*/A = 14,23 \cdot 10^3 \times 1,5 / 6,91 \times 2 = 1544,5 < 2600 \text{ kg/cm}^2$

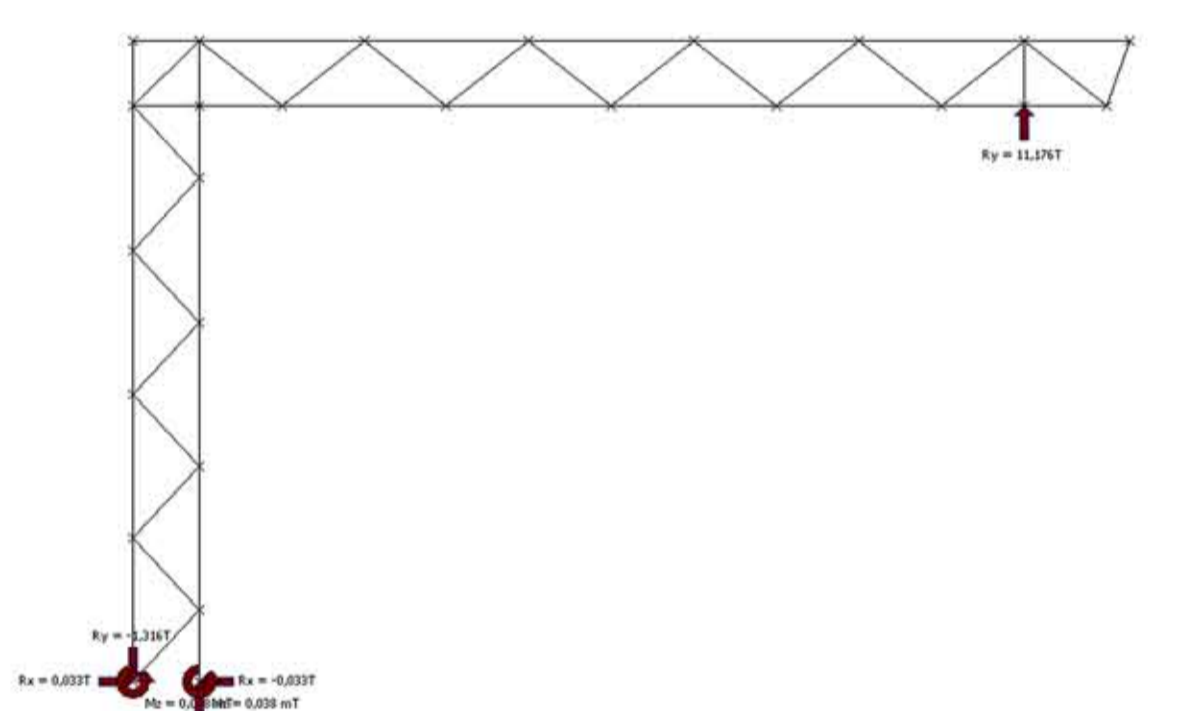
ENCAVALLADA TIPUS T-1



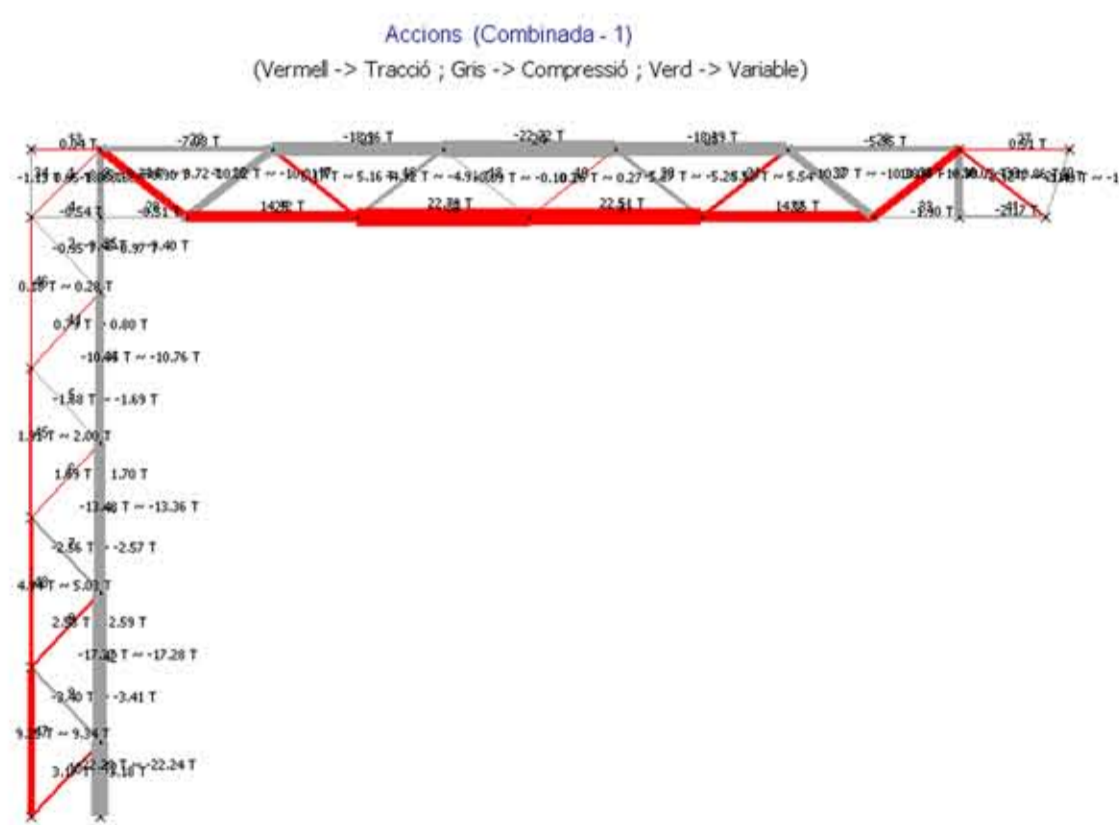
Accions (Combinada - 1)
(Vermell -> Tracció ; Gris -> Compensió ; Verd -> Variable)



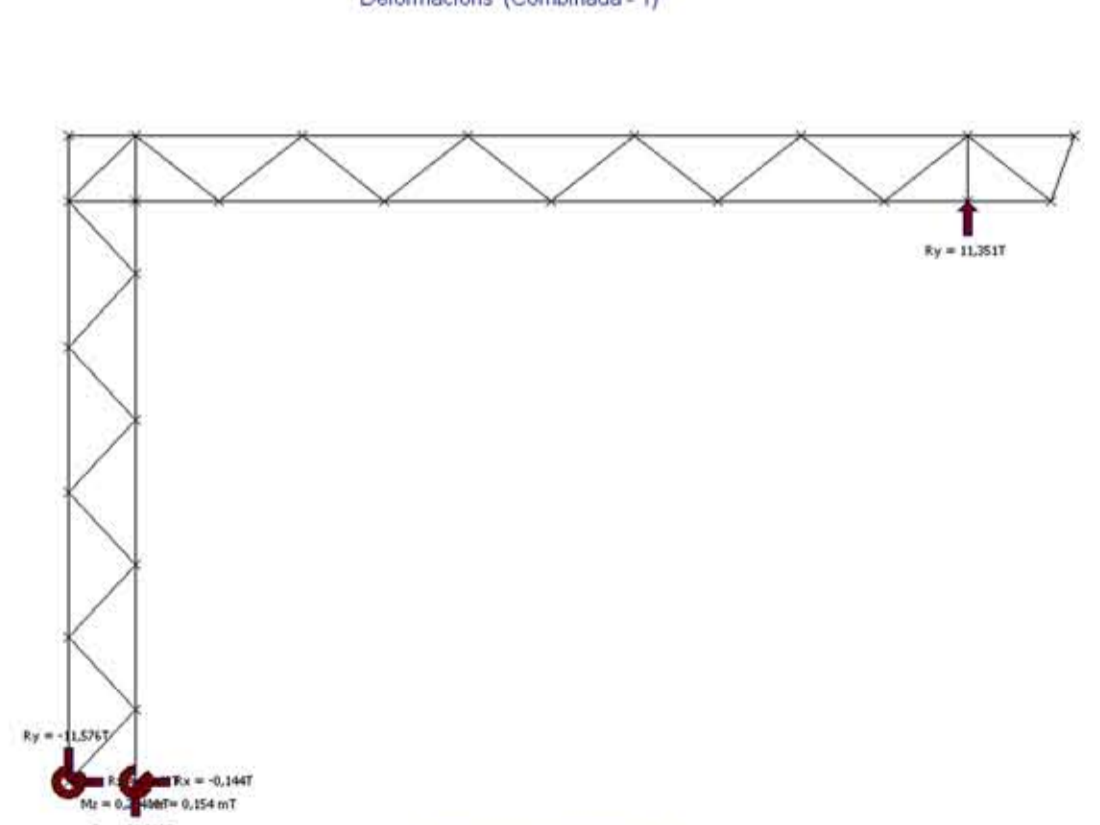
Deformacions (Combinada - 1)



Reaccions (Hipòtesi - 1 + Pes propi)



Axials (Combinada - 1)



Reaccions (Combinada - 1)

ENCAVALLADA TIPUS 1
VENT = 0,075 T/mf x 4,6 m x 0,8 = 0,277 T/m
f/vent = 1285/0,96 + 0,04 = L/1280
f/hor = 900/1,01 = L/891

$\lambda = L_0/i_x = 250/0,35 = 714,3$; $\omega = 1,42$
 $\delta = (N^* \lambda^4 / A) + (M^* W) = (22,72 \cdot 10^3 \times 1,5 \times 1,42^4 / 56,3) + (0,002 \cdot 10 \times 1,5 / 51,2) = 865,3 \text{ kg/cm}^2 < 2600$

