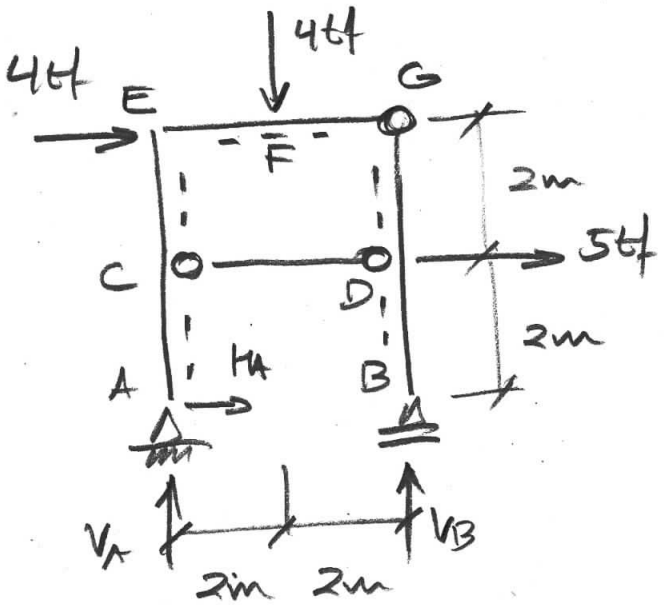
TE1-6.7



$\Sigma M_A = 0$ ↻

$4t \times 2m + 4t \times 4m + 5t \times 2m - V_B \times 4m = 0$

$V_B = \frac{1}{4}(8 + 16 + 10) = \boxed{8{,}5t \uparrow}$

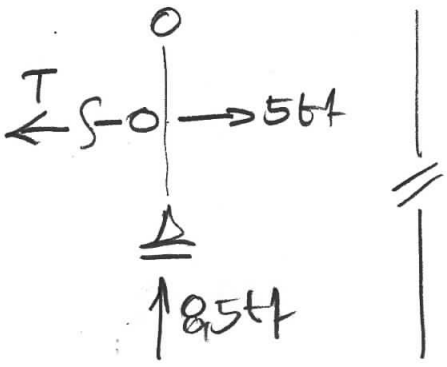
$\Sigma F_V = 0$ ↑

$-4t + 8{,}5t + V_A = 0$

$V_A = 4 - 8{,}5 = \boxed{-4{,}5t \downarrow}$

$\Sigma F_H = 0 \quad 4t + 5t + H_A = 0 \quad \therefore H_A = \boxed{-9t \leftarrow}$

$\Sigma M_G^{\rightarrow B} = 0 \quad \therefore T = 5t \leftarrow$ (TRACCIÓN : TIRANTE)



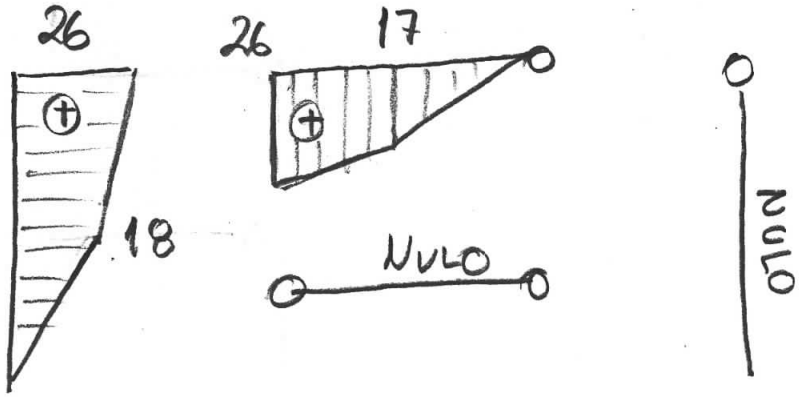
$M_C = 9t \times 2m = +18t\,m$

$M_E = 9t \times 4m - 5t \times 2m = +26t\,m$

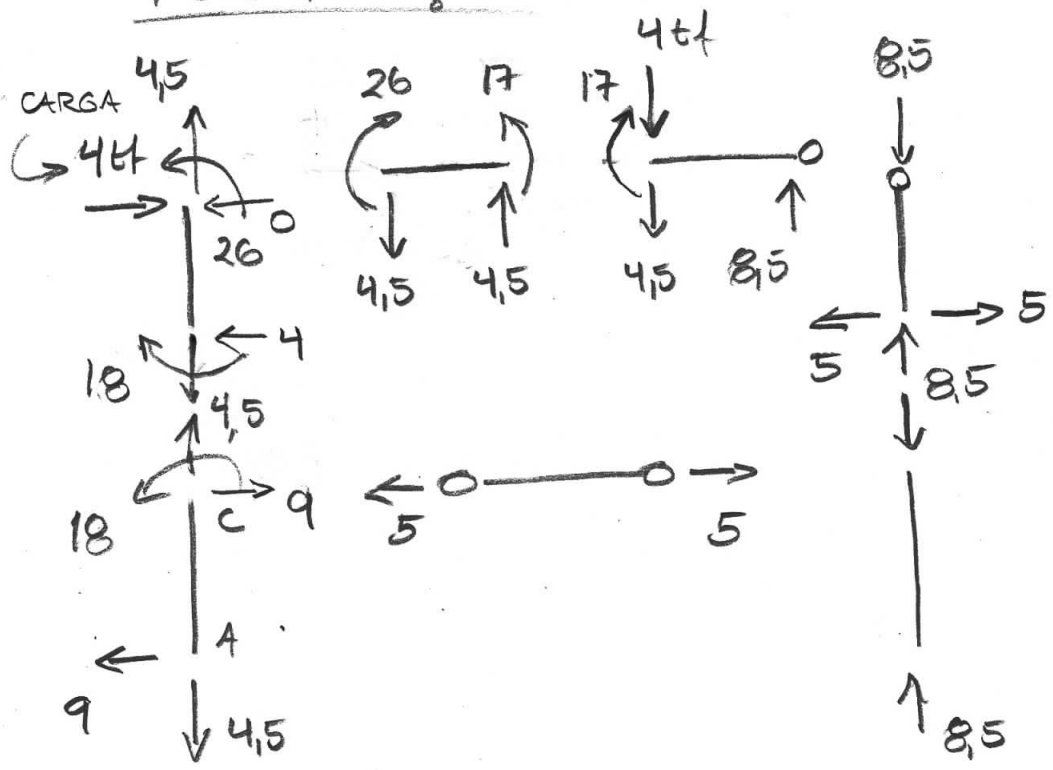
$M_F = 9t \times 4m - 5t \times 2m - 4{,}5t \times 2m$

$M_F = +17t\,m$

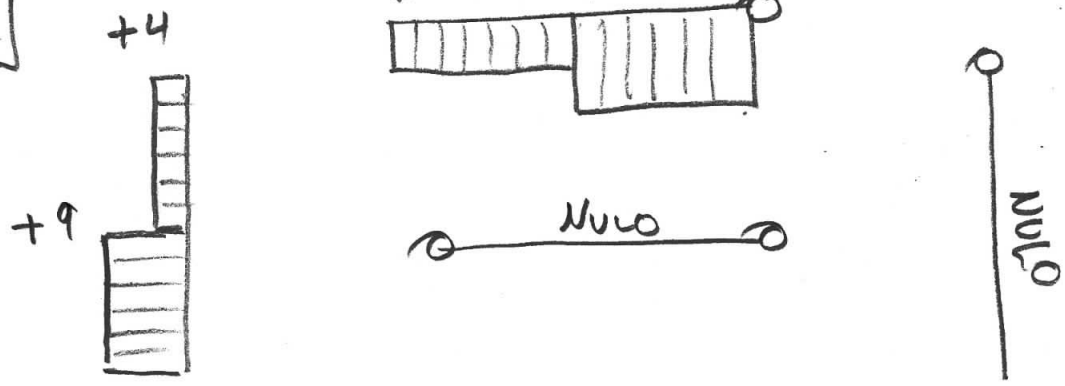
M [t m]



DECOMPOSIÇÃO



Q [tf]



N

