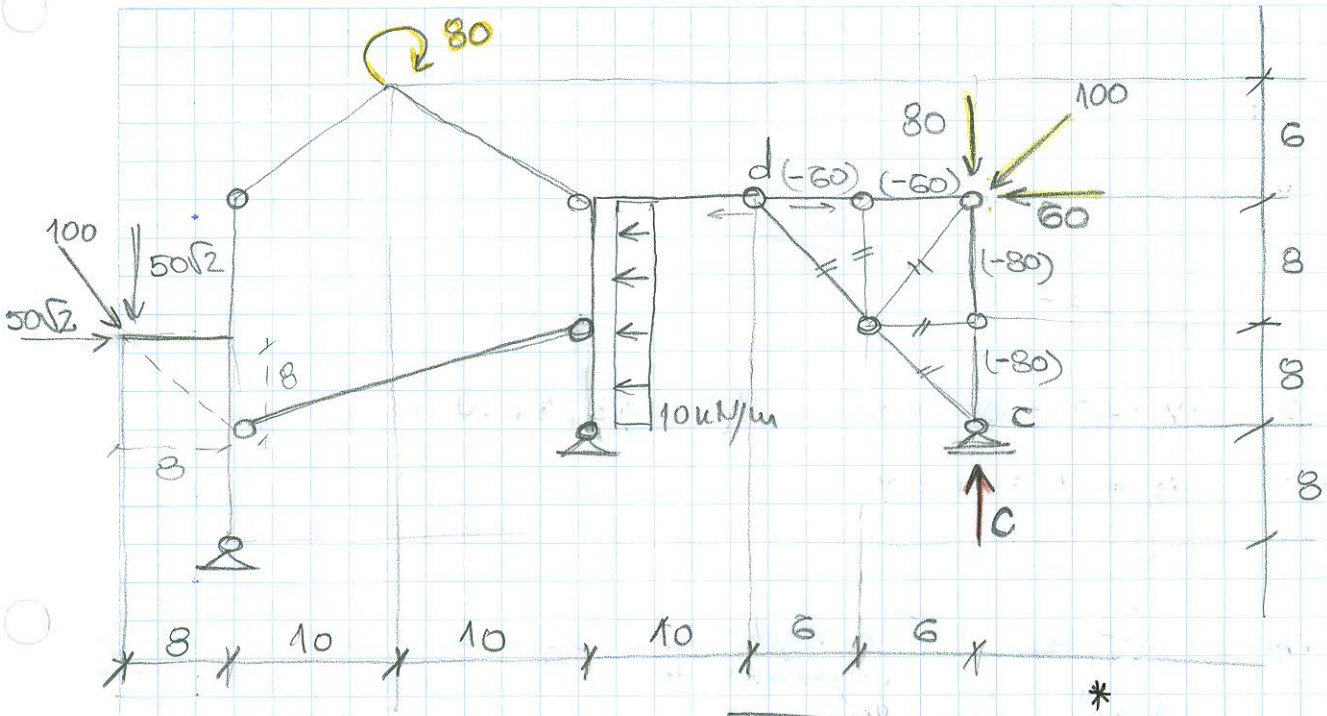
ZADATAK 2.

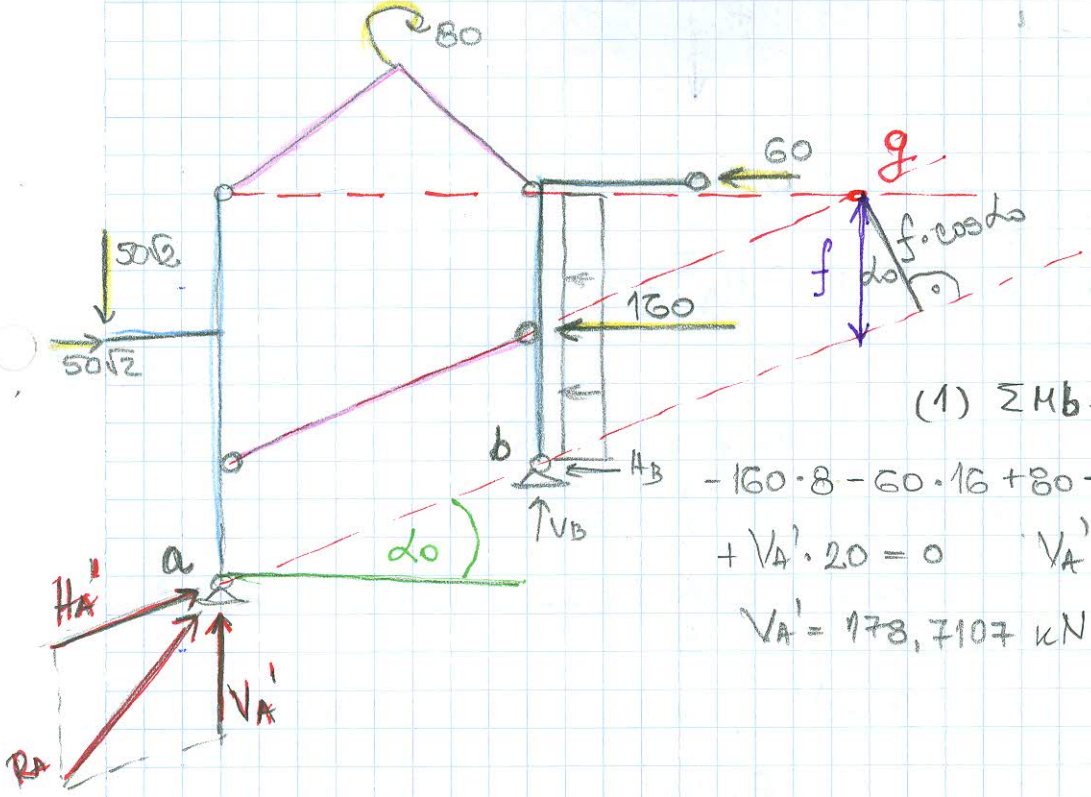


$\Sigma M_d = 0 \quad C \cdot 12 - 80 \cdot 12 = 0 \quad \boxed{C = 80}$

$\operatorname{tg}\alpha = \frac{8}{6}$

$\cos\alpha = 0,6$

$\sin\alpha = 0,8$



(1) $\Sigma M_b = 0$

$-160 \cdot 8 - 60 \cdot 16 + 80 - 50\sqrt{2} \cdot 28 + 50\sqrt{2} \cdot 8 +$

$+ V_A' \cdot 20 = 0 \qquad V_A' = \frac{3574,2136}{20}$

$V_A' = 178,7107 \text{ kN}$