

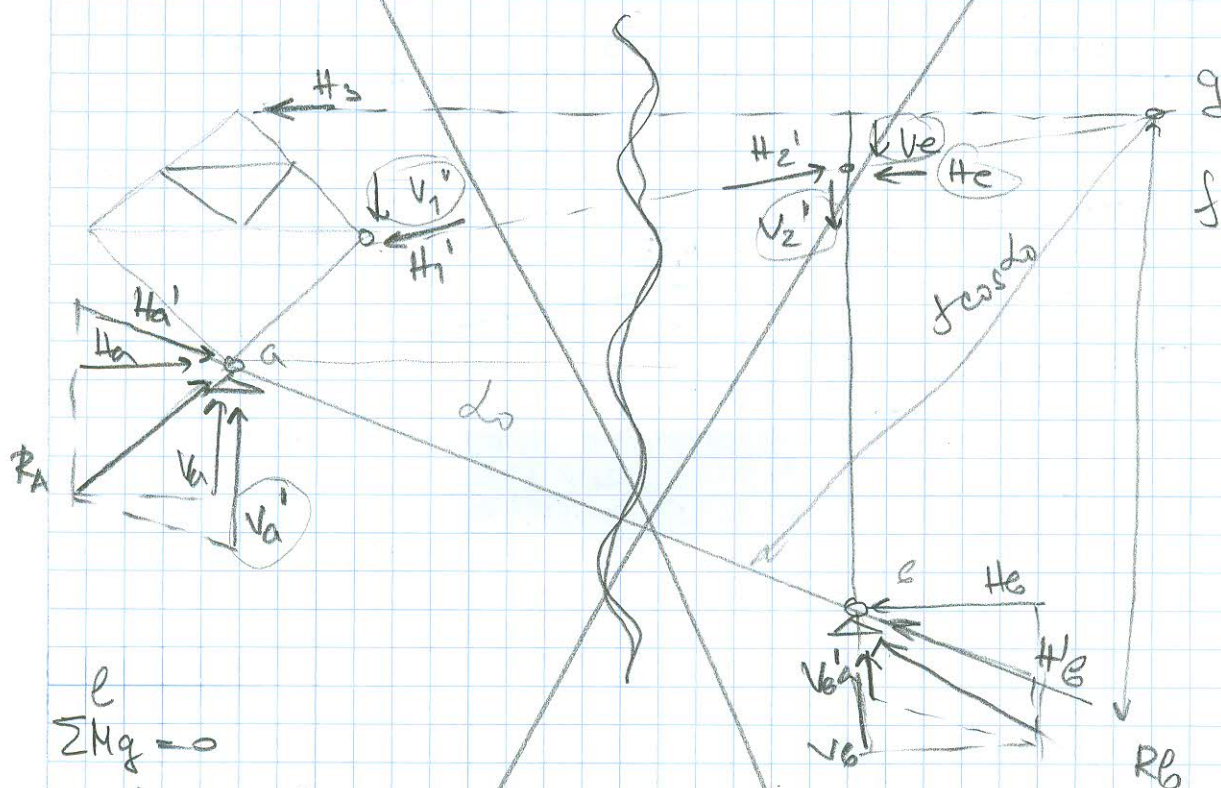
III $\Sigma H = 0 \quad H_3 = H_4$

IV $\Sigma M_2 = 0 \quad V_1' \cdot 8 - 60 \cdot 3 = 0 \quad V_1' = \frac{180}{8} = 22,5$

$\Sigma V = 0 \quad V_1' + V_2' - 60 = 0 \quad V_2' = 37,5$

$\Sigma H = 0 \quad H_1 = H_2$

VRACILNA ZA NA ŽEO NOSAČE



$\Sigma M_g = 0$

$V_a \cdot 18 - H_a \cdot f \cos \alpha - V_1' \cdot 16 = 0$

$H_a = \frac{V_a \cdot 18 - V_1' \cdot 16}{f} = \frac{18 \cdot 18 - 22,5 \cdot 16}{11,4} = -3,15789 = -\frac{36}{11,4}$

$V_a = V_1' - H_a \cdot \tan \alpha = 18 + \frac{36}{11,4} \cdot \frac{3}{10} = 18,9474$

$\Sigma V = 0$

$V_a - V_1' - H_1 \cdot \tan \alpha = 0$

$H_1 = \frac{V_a - V_1'}{\tan \alpha} = -14,2104$

$\Sigma H = 0$

$H_a - H_1 - H_3 = 0$

$H_3 = H_a - H_1 = -\frac{36}{11,4} + 14,2104 = 11,0525$

$H_1 = H_2 = -14,2104$

I $\Sigma V = 0 \quad V_a - 60 - V_e + V_6 = 0 \quad V_6 = 06,7669$

II $\Sigma H = 0 \quad H_a - H_e + H_3 = 0 \quad H_3 = -H_a$