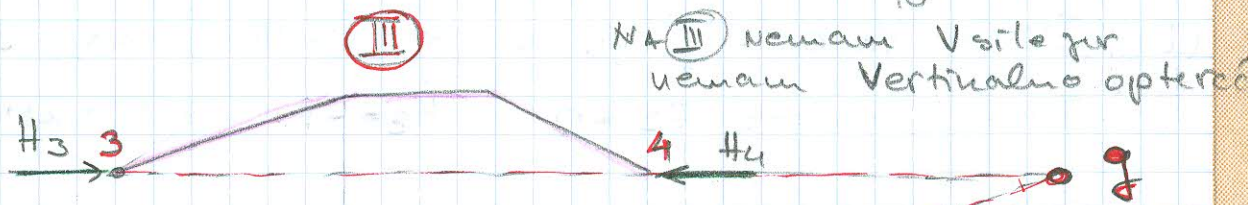
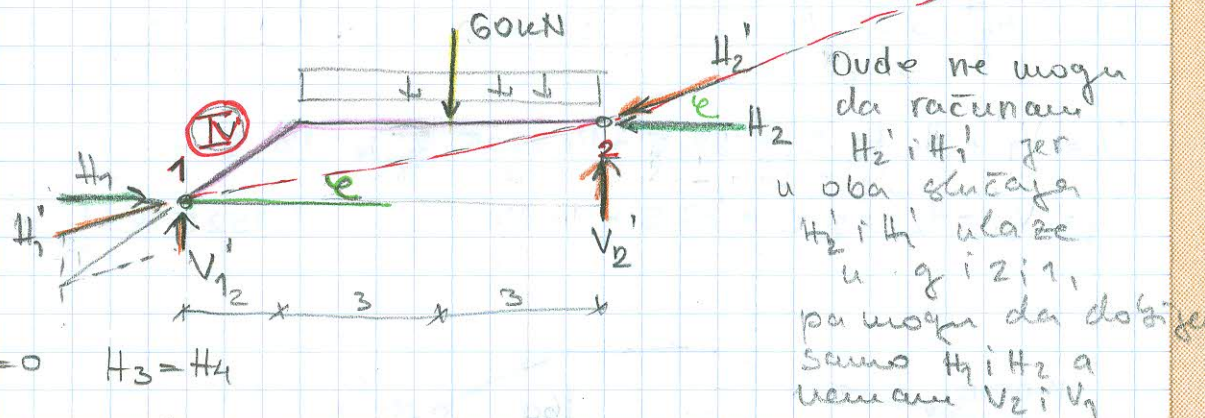


SADA ZNAM H_e

(I) $\sum M_b = 0 \quad V_A' \cdot 10 - 60 \cdot 3 - H_e \cdot 7 = 0 \quad V_A' = \frac{180}{10} = 18 \text{ kN}$



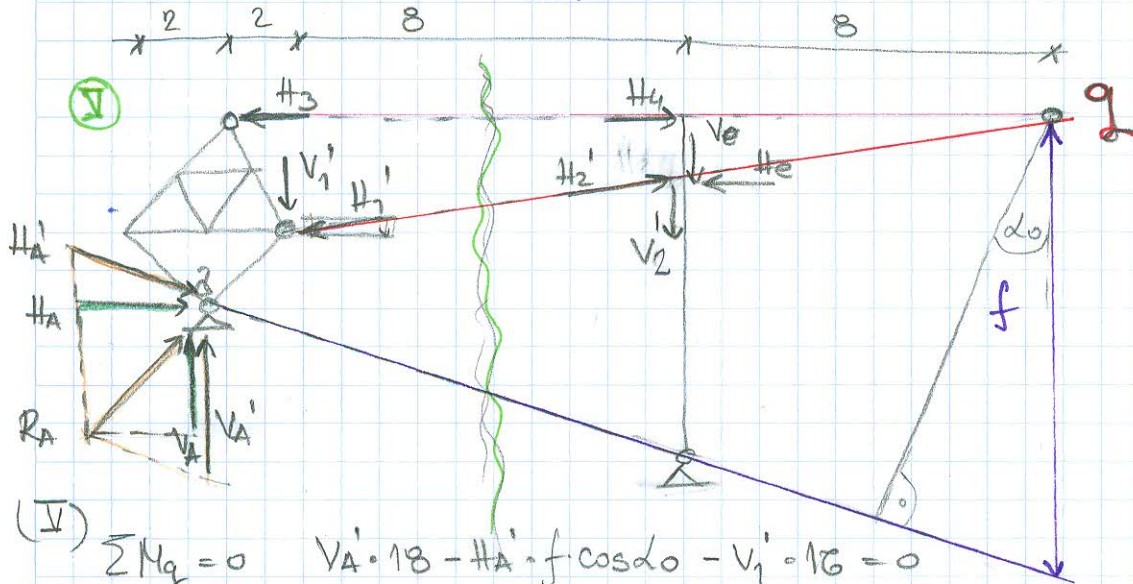
NA (IV) nemam V sile jer nemam Vertikalno opterećenje



(III) $\sum H = 0 \quad H_3 = H_4$

(IV) $\sum M_2 = 0 \quad V_1' \cdot 8 - 60 \cdot 3 = 0 \quad V_1' = \frac{180}{8} = 22,5 \text{ kN}$
 $\sum V = 0 \quad V_1' + V_2' - 60 = 0 \quad V_2' = 60 - 22,5 = 37,5 \text{ kN}$
 $\sum H = 0 \quad H_1 = H_2$

VRACAM SE NA CELI NOSAČ



(V) $\sum M_q = 0 \quad V_A' \cdot 18 - H_A' \cdot f \cos \alpha_0 - V_1' \cdot 16 = 0$
 $18 \cdot 18 - H_A' \cdot f - 22,5 \cdot 16 = 0$

$H_A' = -\frac{36}{f} = -\frac{36}{11,4} = -3,1579 \text{ kN}$

$V_A = V_A' - H_A' \cdot \tan \alpha_0$
 $= 18 + 3,1579 \cdot \frac{3}{10} = 18,9474 \text{ kN}$

$\sum V = 0 \Rightarrow V_A - V_1' - H_1 \cdot \tan \alpha_0 = 0 \Rightarrow H_1 = \frac{V_A - V_1'}{\tan \alpha_0} = -14,2105 \text{ kN}$

$\sum H = 0 \Rightarrow H_A - H_1 - H_3 = 0 \quad H_3 = H_A - H_1 = 11,0526 \text{ kN}$