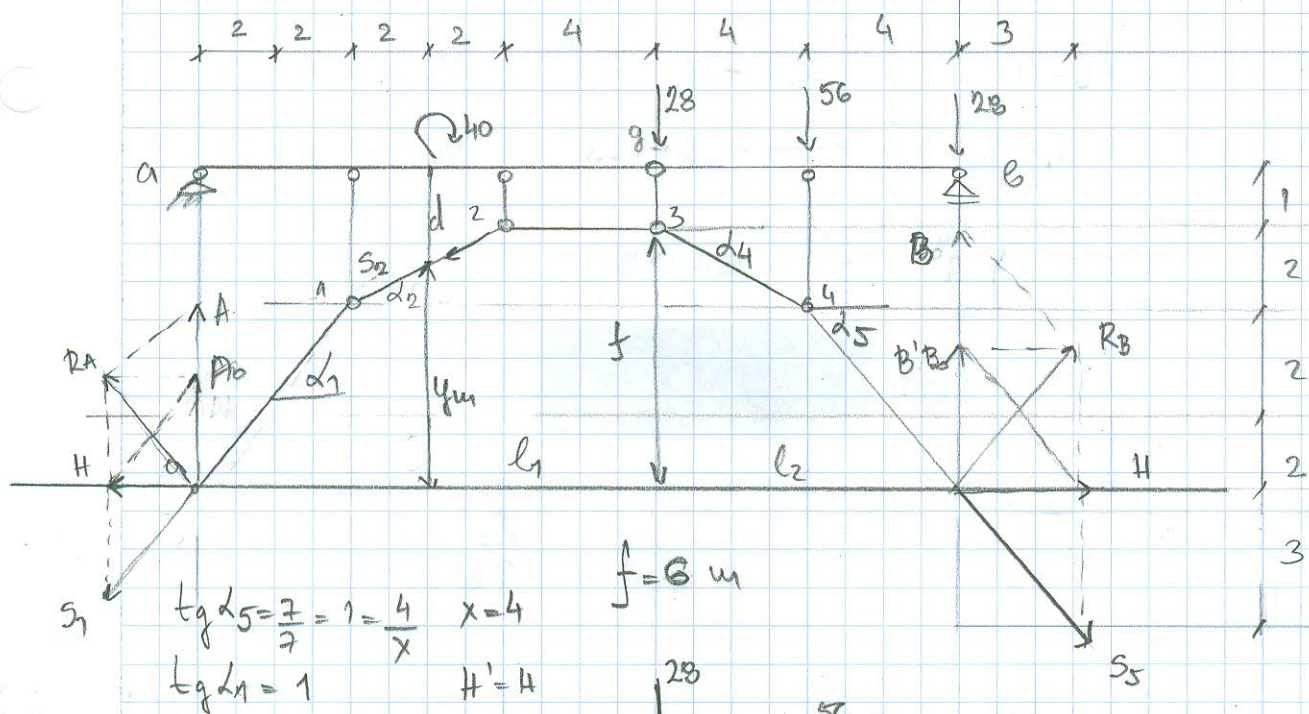
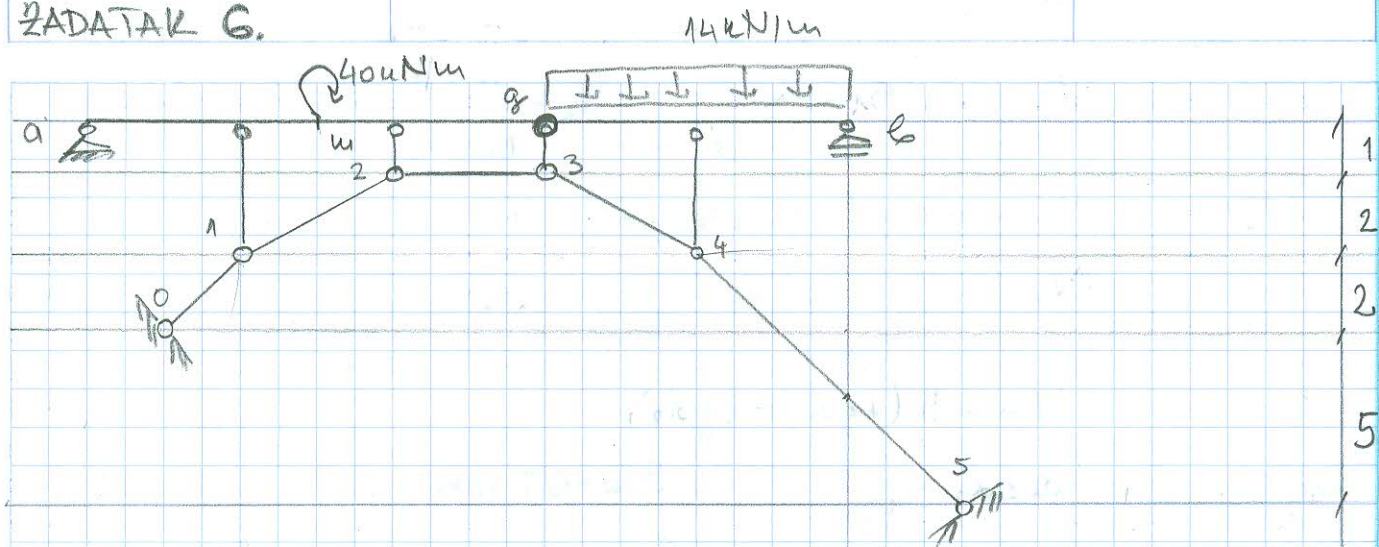


ZADATAK 6.



$$\begin{aligned} \tan \alpha_5 &= \frac{3}{4} = 1 = \frac{4}{x} & x &= 4 \\ \tan \alpha_1 &= 1 & H' &= 4 \end{aligned}$$

$$f = 6 \text{ m}$$



$$\sum M_B = 0 \quad A_0 \cdot 20 + 40 - 28 \cdot 8 - 56 \cdot 4 = 0 \quad \Rightarrow \quad A_0 = 20,4$$

$$\sum V = 0 \quad A_0 + B_0 - 14 \cdot 8 = 0 \quad B_0 = 91,6$$

$$\sum M_A = 0 \quad M_{g,0} + H \cdot f = 0 \quad H = - \frac{M_{g,0}}{f}$$

$$M_{g,0} = 20,4 \cdot 12 + 40 = 284,8$$

$$H = - \frac{284,8}{6} = -47,46^\circ$$