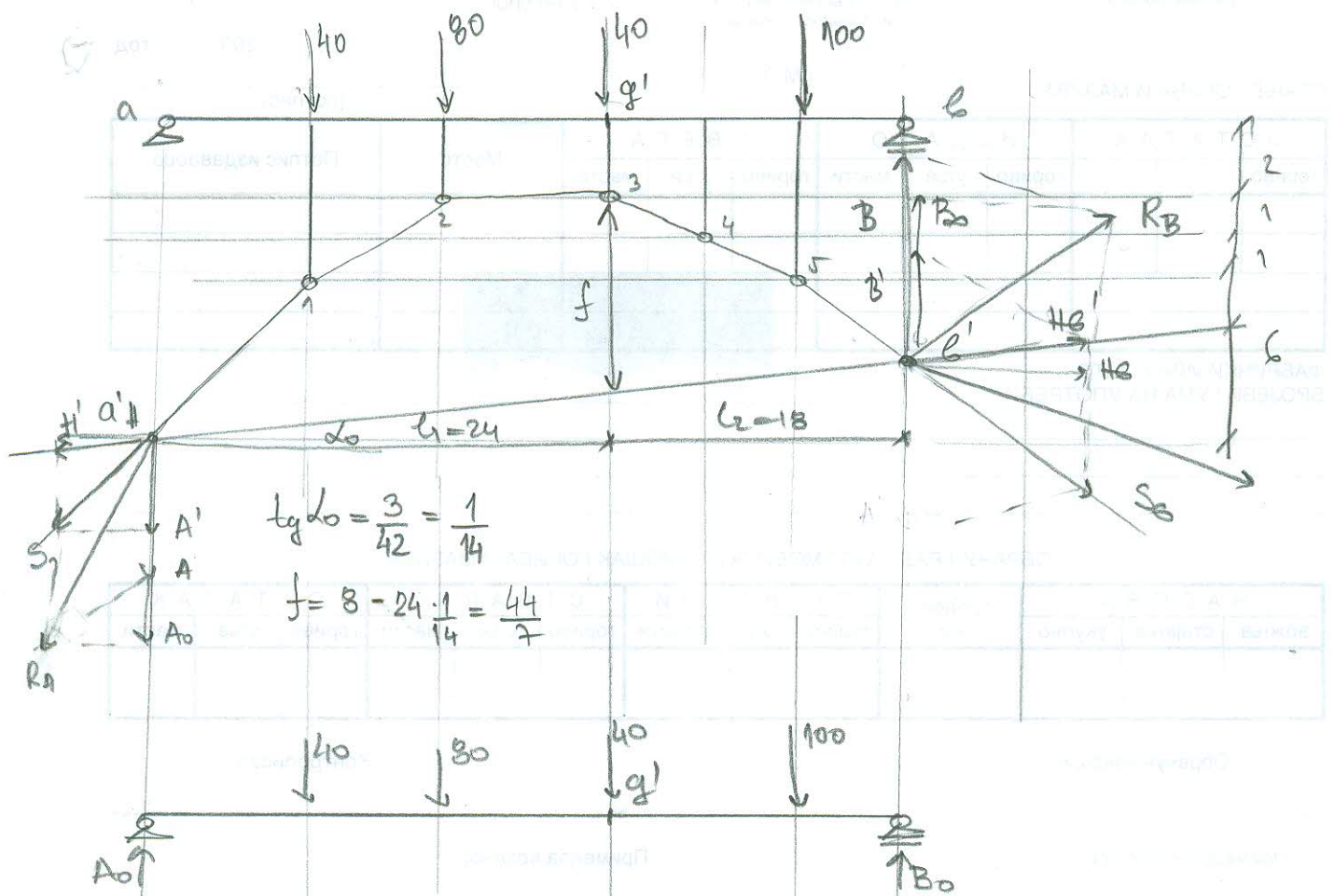
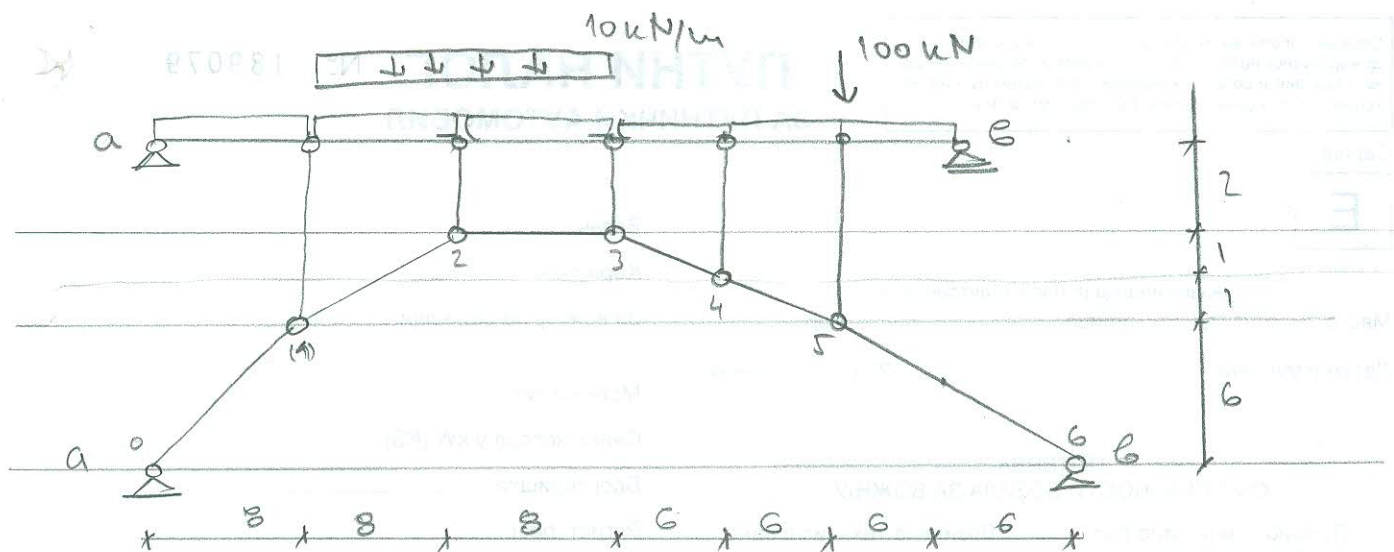


a)



$$\sum M_B = 0 \quad A_0 \cdot 42 - 40 \cdot 34 - 80 \cdot 26 - 40 \cdot 18 - 100 \cdot 6 = 0 \quad A_0 = 113,3^\circ$$

$$\sum V = 0 \quad 113.3^\circ - 40.2^\circ - 80^\circ - 100^\circ + B_0 = 0 \quad B_0 = 146.6^\circ$$

$$M_g = 0 \quad M_{g10} + H' \int \cos s d' = 0$$

$$M_{g10} = 146.6^\circ \cdot 18 - 100 \cdot 12$$
$$= 1440$$

$$H = -\frac{M_{g10}}{f} = -\frac{1440}{44} \cdot 7$$

$$H = -229,09$$