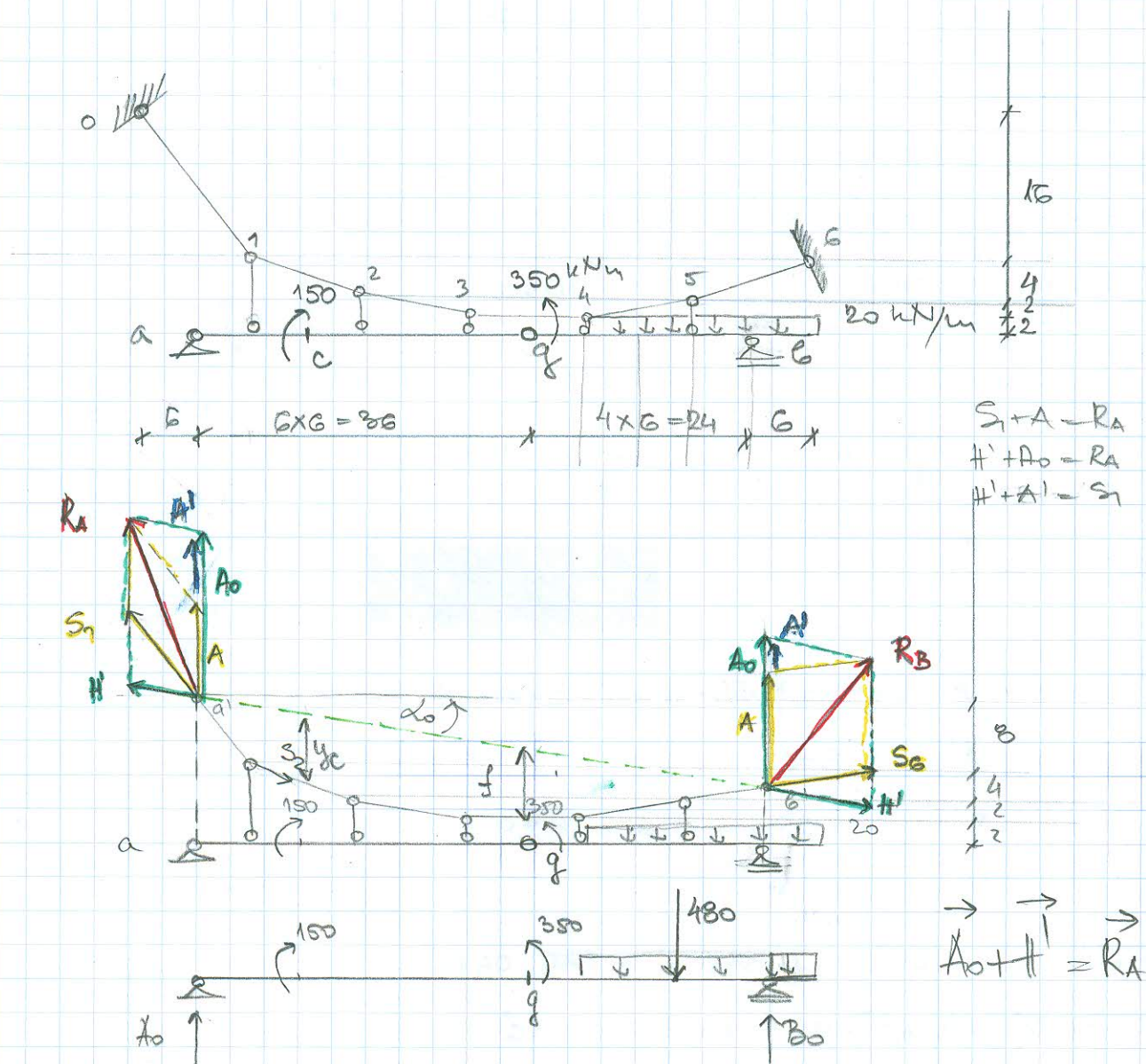


ZADATAK

VIŠEĆI MOST

- * USLED ZADATAK OPTEREĆENJA NACRTATI DIJAGRAME SILA U PRESEKIMA
- * SRAČUNATE VREDNOSTI REAKCIJE A, MOMENTA SAVIJANJA M_c I TRANSVERZALNE SILE T_c PROVERITI PUTEN. UČIC. LINIJ.



$$1) \quad \frac{1}{2} g \cdot \Delta_0 = \frac{10}{60} = \frac{1}{6} \quad f = 14 - 36 \cdot \frac{1}{6} = 8 \text{ m}$$

$$2) \quad (A_0, B_0, H)$$

$$\sum M_B = 0 \quad A_0 \cdot 60 + 150 - 350 - 480 \cdot 6 = 0$$

$$\sum V = 0 \quad 51,3^\circ - 480 + B_0 = 0$$

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

$$M_{g,0} = 51,3^\circ \cdot 36 + 150 = 1998$$

$$H = \frac{1998}{8} = 249,75$$

$$A_0 = 51,3^\circ$$

$$B_0 = 428,6^\circ$$

$$H = 249,75$$