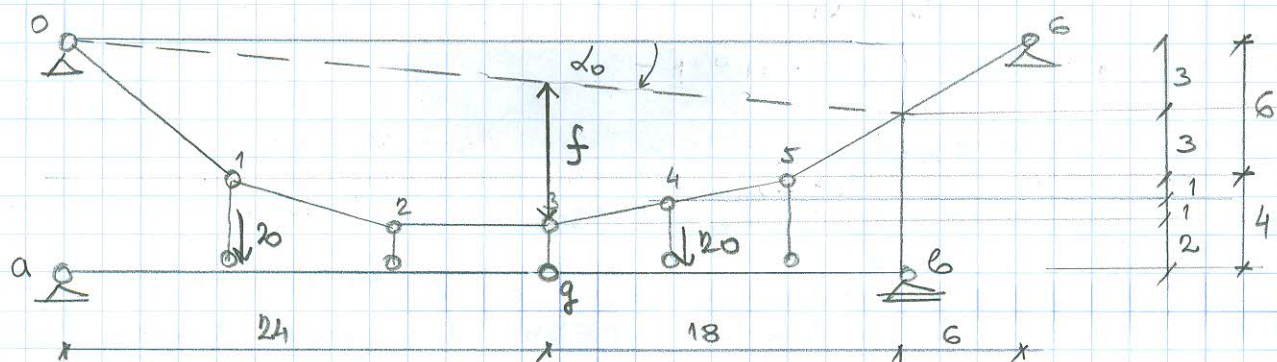
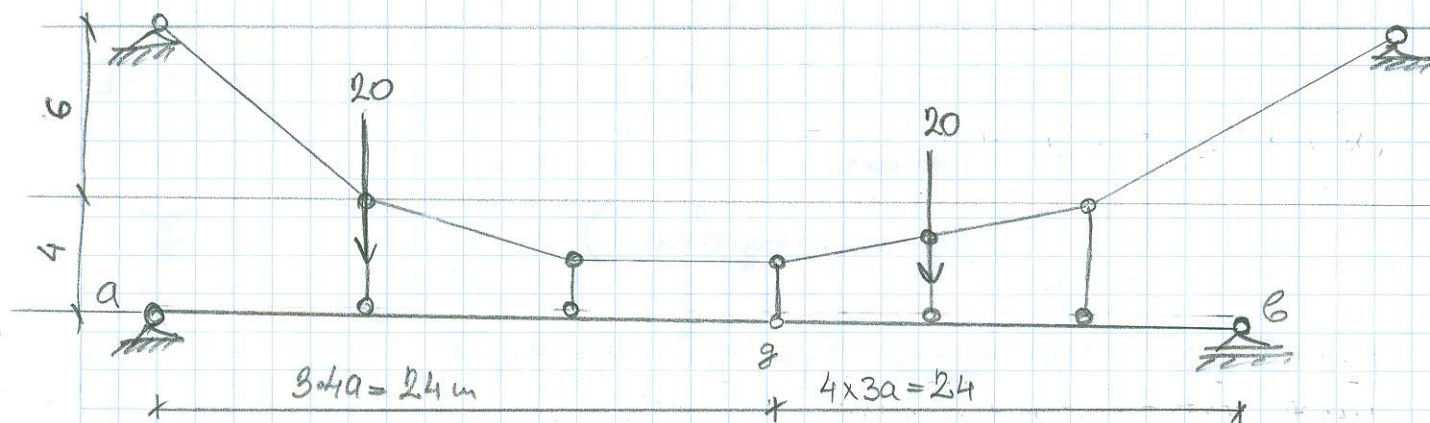


ZADATAKVIŠEĆI MOST (LANČANI MOST)

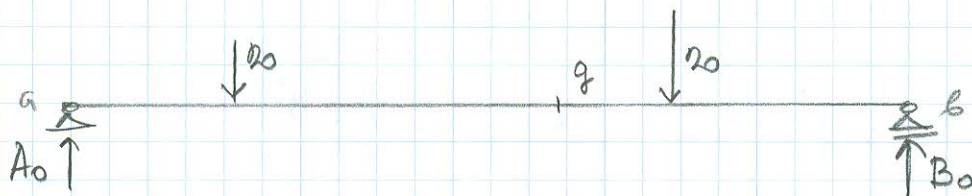
## EXTREMNE VREDNOSTI

\* ZA POSREDNO OPTEREĆENJE NOSAČA SRAČUNATI:

- 1) DIJAGRAME SILA U PRESEKIMA USLED ZADATOG OPTEREĆENJA
  - 2) DIJAGRAME EKSTREMNIH VREDNOSTI MOMENATA SAVIJANJA NA DELU NOSAČA  $a-g$ , UGLE JEDNAKO PODEG, POUKRETNOG OPT. P.
- $P = 5 \text{ kN/m}$      $a = 2 \text{ m}$



$$1) \quad \tan \alpha_0 = \frac{3}{42} = \frac{1}{14} \quad f = 8 - 24 \tan \alpha_0 = 8 - \frac{24}{14} = \frac{88}{14} = \frac{44}{7}$$

2) ODGOVARAJUĆA PROSTA GREDA (TRAŽIM  $A_0, B_0, H$ ) OD SPOVAŠN, ILL  
SILA

$$\sum M_B = 0 \quad A_0 \cdot 42 - 20 \cdot 34 - 20 \cdot 12 = 0$$

$$\sum V = 0 \quad 21,9048 - 2 \cdot 20 + B_0 = 0$$

$$\sum M_g = 0 \quad M_{g,0} - H \cdot f = 0 \quad H = \frac{M_{g,0}}{f} = 32,72$$

$$M_{g,0} = A_0 \cdot 24 - 20 \cdot 18 = 205,7143$$

$$A_0 = 21,9048 \quad H = 32,72$$

$$B_0 = 18,0952$$