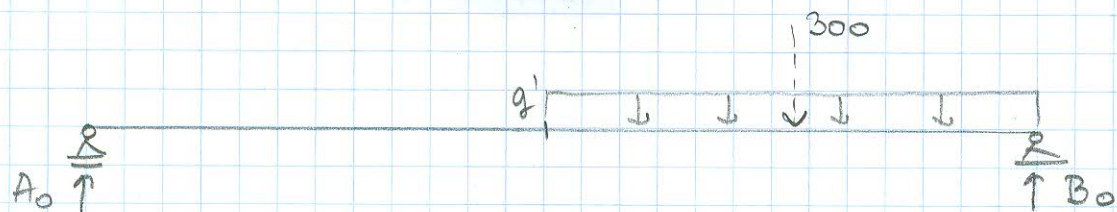
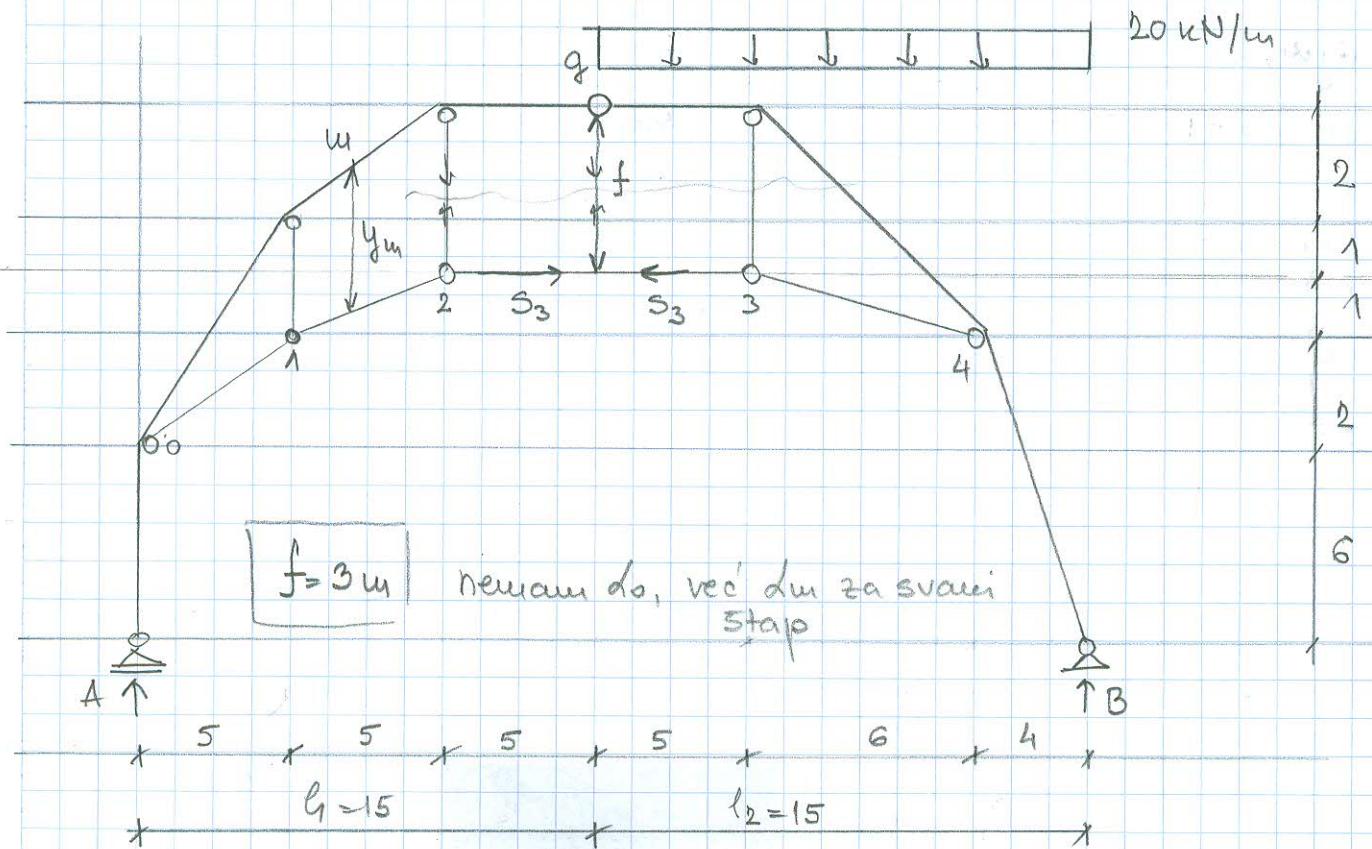


NACRTATI DIAGRAM VERTIKALNOG POMERANJA POTEZA A-Q-B



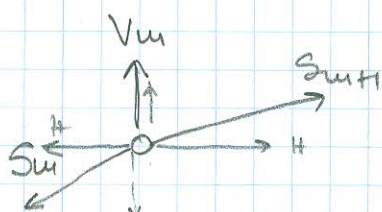
$$\sum M_B = 0 \quad A \cdot 30 - 300 \cdot 7.5 = 0 \quad A = 75 = A_0$$

$$\sum V = 0 \quad A + B - 300 = 0 \quad B = 225 = B_0$$

$$\sum M_q = 0 \quad M_{q,0} - S_3 \cos \alpha_3 \cdot f = M_{q,0} - \frac{H}{\cos \alpha_3} \cdot \cos \alpha_3 \cdot f = M_{q,0} - Hf = 0$$

$$M_{q,0} = A_0 \cdot 15 = 75 \cdot 15 = 1125$$

$$H = \frac{M_{q,0}}{f} = \frac{1125}{3} = 375$$



$$\sum H = 0 \quad S_m \cos \alpha_m - S_{m+1} \cos \alpha_{m+1} = 0$$

$$S_m \cos \alpha_m = S_{m+1} \cos \alpha_{m+1} = H$$

$$S_m = \frac{H}{\cos \alpha_m}$$

$$\sum V = 0 \quad V_m + S_{m+1} \sin \alpha_{m+1} - S_m \sin \alpha_m = 0$$

$$V_m = H(\tan \alpha_m - \tan \alpha_{m+1})$$