

- 6.33 $F_A = 6 \text{ kN}$, $F_B = 2 \text{ kN}$, $M_A = -2,5 \text{ kN} \cdot \text{m}$, $M_B = -0,5 \text{ kN} \cdot \text{m}$, $M_H = 0$,
 $(M_C)_L = -2 \text{ kN} \cdot \text{m}$, $(M_C)_D = 0$, $M_D = M_E = 0$.
- 6.34 $F_A = F_B = 6 \text{ kN}$, $M_A = M_B = -2,5 \text{ kN} \cdot \text{m}$, $M_C = M_H = -2 \text{ kN} \cdot \text{m}$, $M_D = M_E = 0$.
- 6.35 $F_A = 5 \text{ kN}$, $F_B = 1 \text{ kN}$, $(M_A)_L = -2 \text{ kN} \cdot \text{m}$, $(M_A)_D = (M_B)_L = 0$,
 $(M_B)_D = 2 \text{ kN} \cdot \text{m}$, $x_m = 2,5 \text{ m}$ (*desno od C*), $M_b(x_m) = 2,25 \text{ kN} \cdot \text{m}$.
- 6.36 $F_A = 3,833 \text{ kN}$, $F_B = 3,667 \text{ kN}$, $(M_A)_L = -1,4 \text{ kN} \cdot \text{m}$, $(M_A)_D = 1,6 \text{ kN} \cdot \text{m}$,
 $(M_B)_L = -3,1 \text{ kN} \cdot \text{m}$, $x_m = 1,5 \text{ m}$ (*desno od C*), $M_b(x_m) = 1,88 \text{ kN} \cdot \text{m}$.

6.3 SLOŽENI ILI GERBEROVI NOSAČI

- 6.37 $F_A = \frac{F}{2}$, $F_B = \frac{F}{2}$, $Q_B = \frac{F}{2}$, $M_A = -\frac{1}{2}Fa$, $M_C^L = \frac{1}{2}Fa$, $M_C^D = -\frac{3}{2}Fa$,
 $M_D = -Fa$.
- 6.38 $F_A = qa$, $F_C = \frac{5}{2}qa$, $M_C = -\frac{21}{8}qa^2$, $M_A = M_D = -\mathcal{M} = -\frac{1}{2}qa^2$, $M_B = 0$.
- 6.39 $F_A = 1,75qa$, $Q_B = 0,25qa$, $F_C = 2,25qa$, $M_A = -1,5qa^2$, $M_C = -qa^2$,
 $(M_D)_L = -0,75qa^2$, $(M_D)_D = 0,25qa^2$,
 $x_m = 1,75a$, $M_b(x_m) = \frac{1}{32}qa^2 = 0,03125qa^2$.
- 6.40 $F_A = \frac{29}{6}qa$, $F_C = \frac{7}{6}qa$, $M_A = -10qa^2$, $Q_B = \frac{11}{6}qa$, $M_B = 0$, $M_D = \frac{10}{6}qa^2$,
 $x_m = \frac{1}{6}a$, $M_b(x_m) = \frac{121}{72}qa^2$, $M_E = \frac{1}{2}qa^2$.
- 6.41 $F_A = 5 \text{ kN}$, $F_C = -6 \text{ kN}$, $M_C = -6 \text{ kN} \cdot \text{m}$, $M_D = \mathcal{M} = 6 \text{ kN} \cdot \text{m}$, $M_A = 2 \text{ kN} \cdot \text{m}$,
 $M_E = -18 \text{ kN} \cdot \text{m}$, $Q_B = 3 \text{ kN}$, $x_m = 0,5 \text{ m}$, $M_b(x_m) = 2,25 \text{ kN} \cdot \text{m}$.
- 6.42 $F_A = \frac{3}{2}qa$, $F_C = Q_B = -\frac{1}{2}qa$, $M_C = qa^2$, $M_A = -\frac{5}{2}qa^2$,
 $M_D = -qa^2$, $M_B = M_E = 0$, $x_m = \frac{a}{2}$, $M_b(x_m) = \frac{1}{8}qa^2$, $M_H = \mathcal{M} = qa^2$.
- 6.43 $F_A = \frac{3}{2}qa$, $F_C = \frac{7}{2}qa$, $M_C = -\frac{9}{2}qa^2$, $M_D = M_E = \mathcal{M} = \frac{1}{2}qa^2$, $M_A = M_B = 0$,
 $M_H = -qa^2$, $x_m = \frac{a}{2}$, $M_b(x_m) = \frac{1}{8}qa^2$.