

- 6.16 $S_2 = 5,77 \text{ kN}$, $S_3 = 5,77 \text{ kN}$, $S_4 = 5,77 \text{ kN}$.
- 6.17 $S_2 = -2,845 \text{ kN}$, $S_3 = 1,155 \text{ kN}$, $S_4 = 3,464 \text{ kN}$.
- 6.18 $S_1 = 2F$, $S_2 = -\frac{\sqrt{2}}{2}F$, $S_4 = -\frac{3\sqrt{2}}{2}F$.
- 6.19 $S_4 = -6,188 \text{ kN}$, $S_5 = 8,453 \text{ kN}$, $S_6 = 5,359 \text{ kN}$.
- 6.20 $S_1 = -62,5 \text{ kN}$, $S_2 = 0$, $S_3 = 93,75 \text{ kN}$, $S_4 = -112,67 \text{ kN}$, $S_5 = -62,5 \text{ kN}$,
 $S_6 = 112,67 \text{ kN}$.
- 6.21 $S_4 = -12 \text{ kN}$, $S_5 = 4,24 \text{ kN}$, $S_6 = 9 \text{ kN}$.
- 6.22 $S_{AC} = 2,2F$, $S_{CD} = -0,6F$, $S_{CE} = 0,75F$.
- 6.23 $S_{AB} = 9,5625 \text{ kN}$, $S_{BC} = -21,382 \text{ kN}$, $S_{CD} = -19,125 \text{ kN}$.
- 6.24 $S_4 = -2,5 \text{ kN}$, $S_5 = -2,5 \text{ kN}$, $S_6 = 2,92 \text{ kN}$.

6.2 RAVNOTEŽA RAVNIH PUNIH NOSAČA

- 6.25 $F_A = 0$, $F_B = 3F$, $M_A = -Fa$, $(M_C)_L = -2Fa$, $(M_C)_D = 0$, $M_B = -2Fa$,
 $M_D = M_E = 0$.
- 6.26 $F_A = \frac{1}{4}F$, $F_B = \frac{7}{4}F$, $M_A = M_D = M_I = Fa$, $M_B = -2Fa$, $M_C = \frac{3}{2}Fa$.
- 6.27 $F_A = \frac{1}{2}qa$, $F_B = -\frac{1}{2}qa$, $M_D = 0$, $(M_C)_L = \frac{1}{2}qa^2$, $(M_C)_D = M_B = \frac{3}{2}qa^2$,
 $x_m = \frac{3}{2}a$ (desno od A), $M_b(x_m) = \frac{13}{8}qa^2$.
- 6.28 $F_A = \frac{5}{4}qa$, $F_B = \frac{3}{4}qa$, $M_B = 0$, $x_{1m} = \frac{1}{4}a$ (desno od A), $M_b(x_{1m}) = \frac{17}{32}qa^2$,
 $x_{2m} = \frac{3}{4}a$ (lijevo od B), $M_b(x_{2m}) = \frac{9}{32}qa^2$, $M_A = \frac{16}{32}qa^2$, $M_C = \frac{8}{32}qa^2$,
 $M_D = M = qa^2$.
- 6.29 $F_A = -qa$, $F_B = 2qa$, $M_A = \frac{3}{2}qa^2$, $M_C = 0$, $M_B = M_D = -M = -\frac{1}{2}qa^2$.
- 6.30 $F_A = \frac{5}{4}qa$, $F_B = \frac{15}{4}qa$, $M_D = 0$, $x_m = \frac{9}{8}a$ (desno od A), $M_b(x_m) = -\frac{15}{64}qa^2$,
 $M_A = M_B = -qa^2$, $M_C = -\frac{1}{4}qa^2$.
- 6.31 $F_A = 2 \text{ kN}$, $F_B = 7 \text{ kN}$, $M_A = -1,5 \text{ kN} \cdot \text{m}$, $M_B = -3 \text{ kN} \cdot \text{m}$,
 $(M_C)_L = -2 \text{ kN} \cdot \text{m}$, $(M_C)_D = 0$, $M_D = M_E = 0$, $M_H = -1 \text{ kN} \cdot \text{m}$.
- 6.32 $F_A = 3 \text{ kN}$, $F_B = 6 \text{ kN}$, $M_A = -2 \text{ kN} \cdot \text{m}$, $M_B = -2,5 \text{ kN} \cdot \text{m}$,
 $(M_C)_L = -5 \text{ kN} \cdot \text{m}$, $(M_C)_D = 0$, $M_D = M_E = 0$, $M_H = -3 \text{ kN} \cdot \text{m}$.