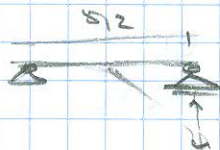


$$M_{54} \quad 0 \leq x_4' \leq 2,6$$

$$F_4^- = \frac{1}{2} x_4' (5,2 + x_4')$$

$$F_4^+ = 0$$

$$M_{55} \quad 0 \leq x_5 \leq 5,2$$



$$F_5^+ = \frac{1}{2} \frac{x_5 x_5'}{5,2} \cdot 5,2 = \frac{1}{2} x_5 \cdot (5,2 - x_5)$$

$$F_5^- = 0$$

$$M_{56} \quad 0 \leq x_6' \leq 2,6$$

$$F_6^+ = 0$$

$$F_6^- = \frac{x_6' \cdot x_6'}{2} = \frac{x_6'^2}{2}$$

$$A \quad F_A^+ = \frac{1}{2} \cdot 7,8 + \frac{1}{9} \cdot \frac{1}{2} \cdot 7,8 = 4,3^\circ$$

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$$F_A^- = \frac{1}{3} \cdot \frac{1}{2} \cdot 10,4 = 1,73^\circ$$

$$B$$

$$F_B^+ = (7,8 + 2 + 2,6) \cdot \frac{1}{2} \cdot 1,3^\circ = 12,13^\circ$$

$$F_B^- = 0,4^\circ \cdot \frac{7,8}{2} = 1,73^\circ$$

$$\tan \beta = \tan \alpha = \frac{2,6}{2,6} \quad \cos \alpha = \frac{1}{\sqrt{2}}$$

$$D \quad F_D^+ = \frac{5,2}{2} \cdot 1 = 2,6$$

$$F_D^- = 0$$

$$M_{58} \quad M_{58} = B \cdot x_8'$$

$$F_8^+ = 12,13^\circ \cdot x_8'$$

$$F_8^- = 1,73^\circ \cdot x_8'$$

$$M_{59} \quad M_{59} = D \cdot x_9'$$

$$F_9^+ = 2,6 \cdot x_9'$$

$$F_9^- = 0$$