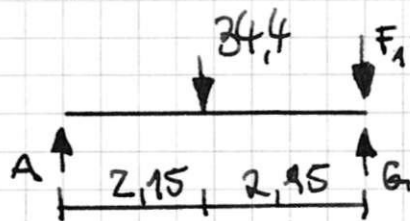


Teilsystem I



$$\sum M_A^{\uparrow} = 0 = 34,4 \cdot 2,15 + 10 \cdot 4,3 - G \cdot 4,3$$

$$G = \frac{34,4 \cdot 2,15 + 10 \cdot 4,3}{4,3}$$

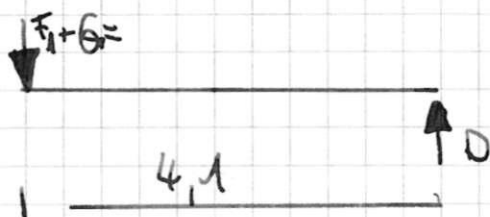
$$\underline{\underline{G = 27,2}}$$

$$\sum M_G = 0 = 34,4 \cdot 2,15 - A \cdot 4,3$$

$$A = \frac{34,4 \cdot 2,15}{4,3}$$

$$\underline{\underline{A = 17,2}}$$

Teilsystem III



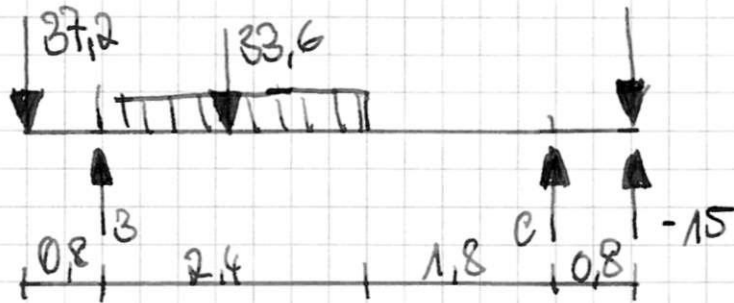
$$\sum M_D = 0 = 15 \cdot 4,1 + G_2 \cdot 4,1$$

$$G_2 = \frac{-15 \cdot 4,1}{4,1}$$

$$\underline{\underline{G_2 = -15}}$$

$$\sum M_G = 0 = D \cdot 4,1$$

$$\underline{\underline{D = 0}}$$



$$\sum M_B^+ = 0 = 33,6 \cdot 1,2 - 37,2 \cdot 0,8 - C \cdot 4,2 - (-15) \cdot 5 +$$

$$C = \frac{33,6 \cdot 1,2 - 37,2 \cdot 0,8 - (-15) \cdot 5 + 15 \cdot 5}{4,2}$$

$$\underline{C = 38,22 \text{ kN}}$$

$$\sum M_C^+ = 0 = -0,8 \cdot 30 + 33,6 \cdot 3 - B \cdot 4,2 + 37,2 \cdot 5$$

$$B = \frac{0,8 \cdot 30 + 33,6 \cdot 3 + 37,2 \cdot 5}{4,2}$$

$$B = 62,57$$