

$$\sum F_{ix} = 0; \quad R_{ax} = 0$$

$$\sum F_{iz} = 0;$$

$$R_{az} + R_{bz} - 10 \cdot 5 / 2 = 0$$

$$\underline{R_{az} + R_{bz} = 25 \text{ kN} \checkmark}$$

$$\sum M_{ia} = 0$$

$$4 + R_{bz} \cdot 5 - 10 \cdot 5 / 2 \cdot \frac{5}{3} = 0$$

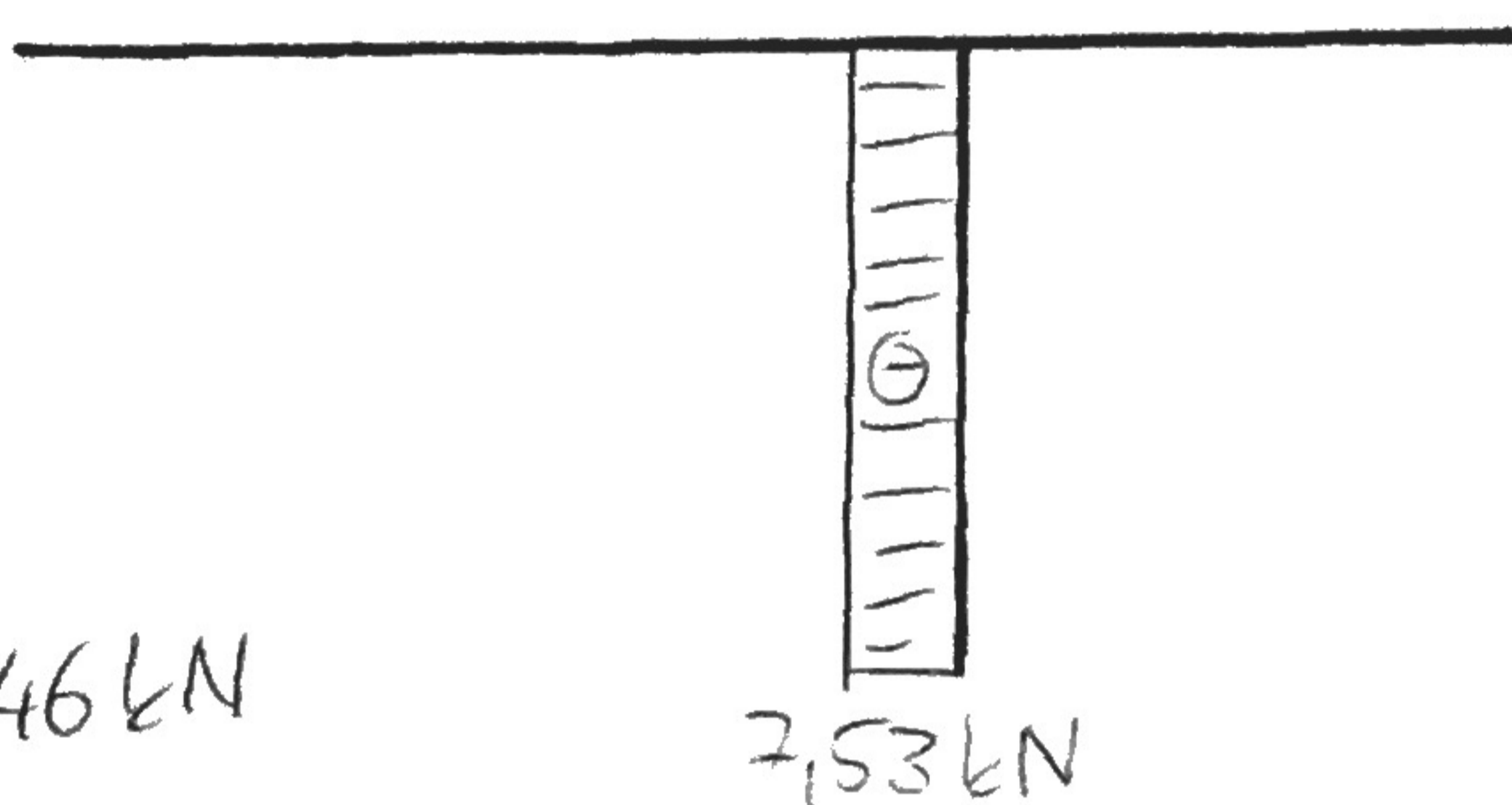
$$\underline{R_{bz} = 7,53 \text{ kN}}$$

$$\sum M_{ib} = 0;$$

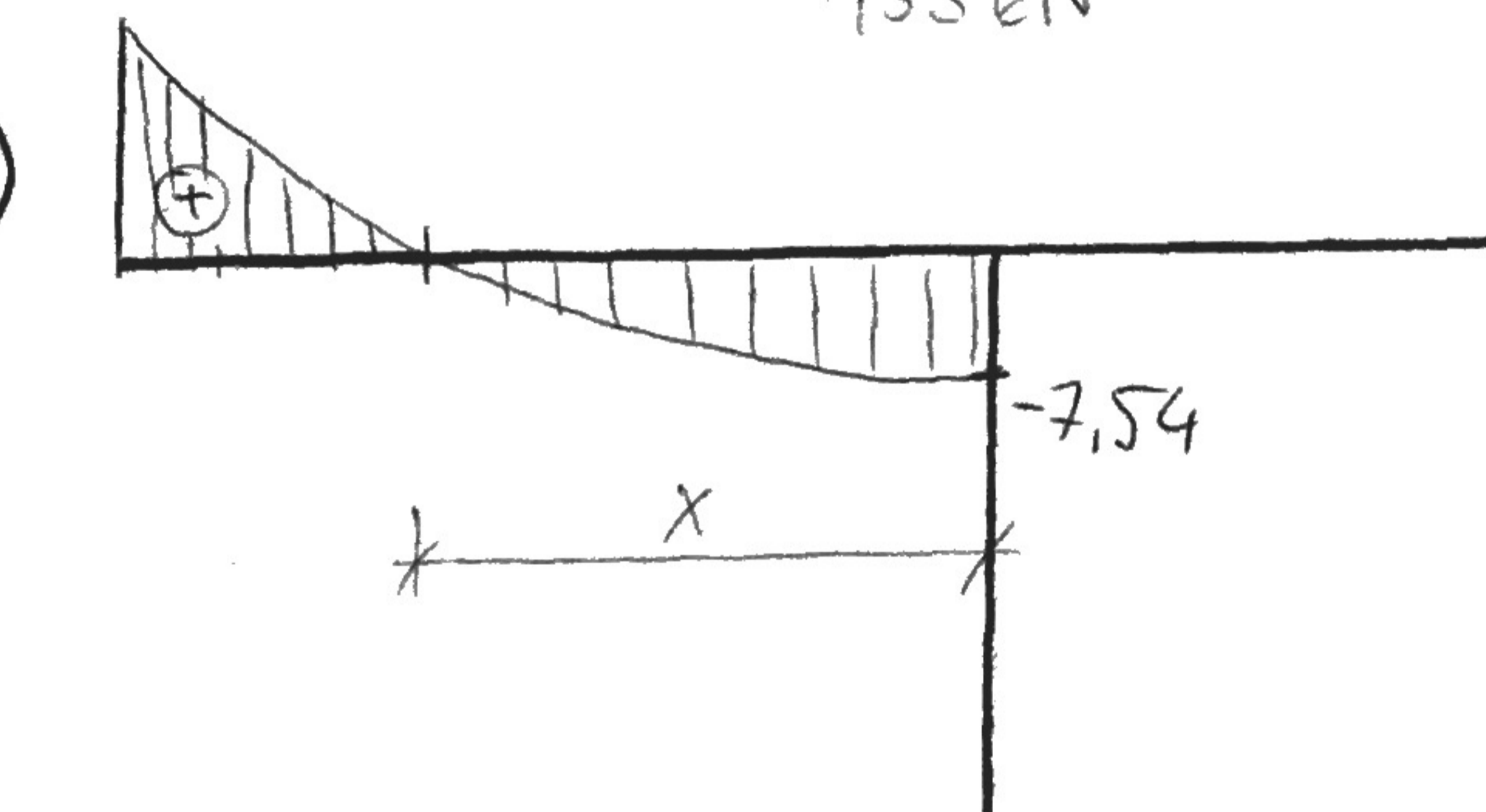
$$R_{az} \cdot 5 - 10 \cdot 5 / 2 \cdot \frac{2}{3} \cdot 5 - 4 = 0$$

$$\underline{R_{az} = 17,46 \text{ kN}}$$

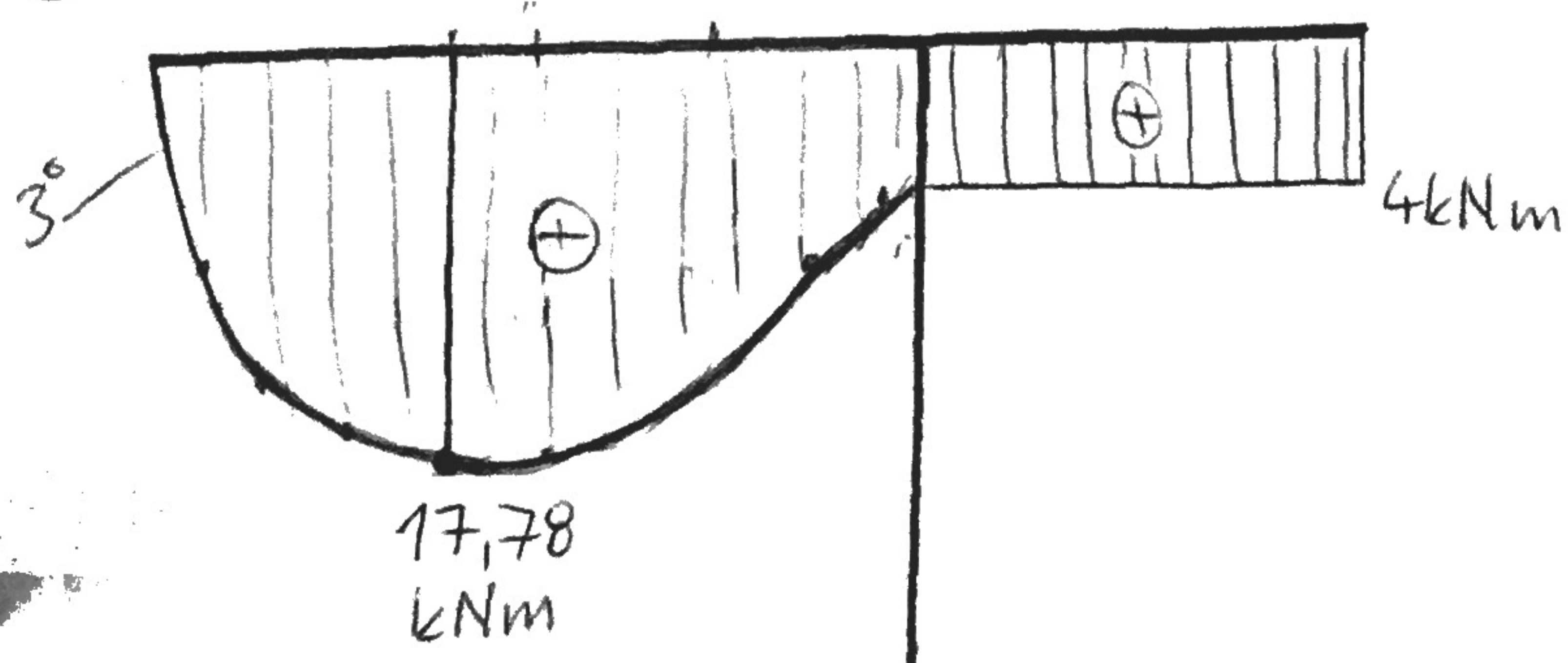
(N)



(V)



(M)



$$M_x^p = 4 + 7,53 \cdot x - 9 \cdot \frac{x}{2} \cdot x / 2 \cdot \frac{x}{3}$$

$$= \underline{17,78 \text{ kNm}}$$