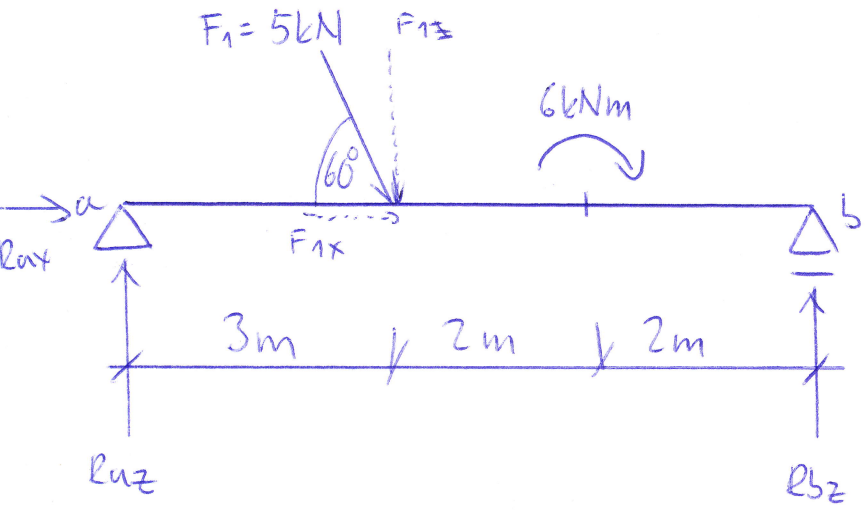


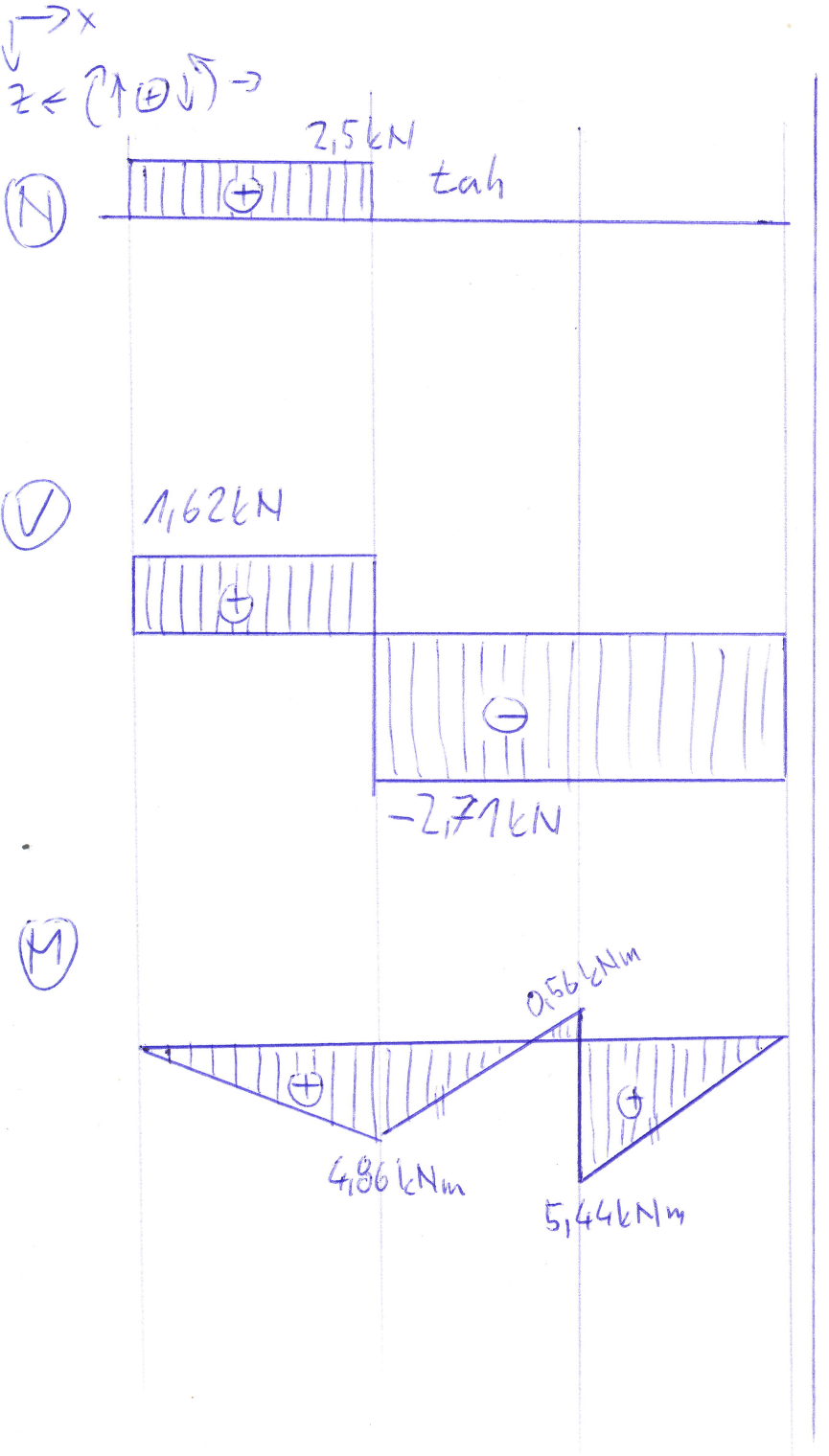

$F_{1x} = F_1 \cdot \cos(60) = 2{,}5\,kN$

$F_{1z} = F_1 \cdot \sin(60) = 4{,}33\,kN$

$\sum F_{ix} = 0$

$R_{ax} + 2{,}5\,kN = 0$

$\underline{R_{ax} = -2{,}5\,kN}$




$\sum F_{iz} = 0$

$-R_{az} + 4{,}33 - R_{bz} = 0$

$\underline{R_{az} + R_{bz} = 4{,}33\,kN}$ ✓

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

$R_{bz} \cdot 7 - 6 - 4{,}33 \cdot 3 = 0$

$\underline{R_{bz} = 2{,}71\,kN}$

$\sum M_{ib}^{2} = 0$

$R_{az} \cdot 7 - 4{,}33 \cdot 4 + 6 = 0$

$\underline{R_{az} = 1{,}62\,kN}$