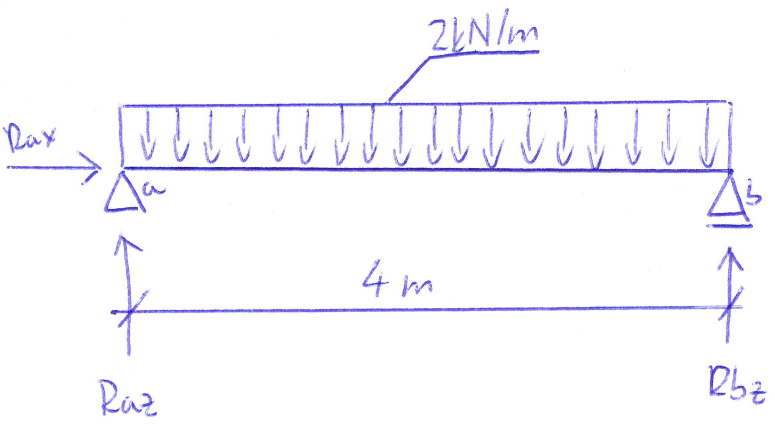


$\sum Fix = 0$; $\underline{Rax = 0\ kN}$

$\sum Fiz = 0$

$(2 \cdot 4) - Raz \cdot Rbz = 0$

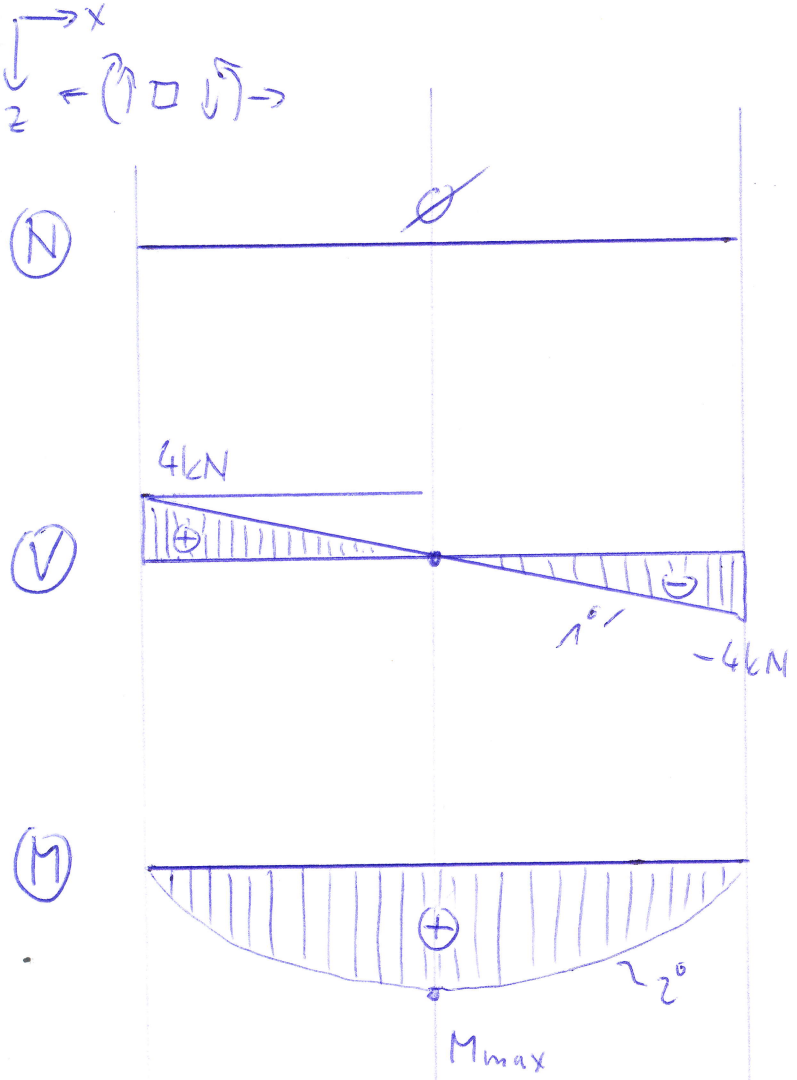
$\underline{Raz + Rbz = 8\ kN}$

$\sum Mia^{P} = 0$

$Rbz \cdot 4 - (2 \cdot 4) 2 = 0$

$\underline{Rbz = 4kN}$

$\underline{Raz = 4kN}$



$M_{max} = M(2)^{P} = 4 \cdot 2 - (2 \cdot 2) \cdot \frac{2}{2}$

$\underline{M_{max} = 4\ kNm}$

$\left(M_{max} = \frac{1}{8} q l^2 = \frac{1}{8} \cdot 2 \cdot 4^2 \right.$

$\left. M_{max} = 4kNm \right)$