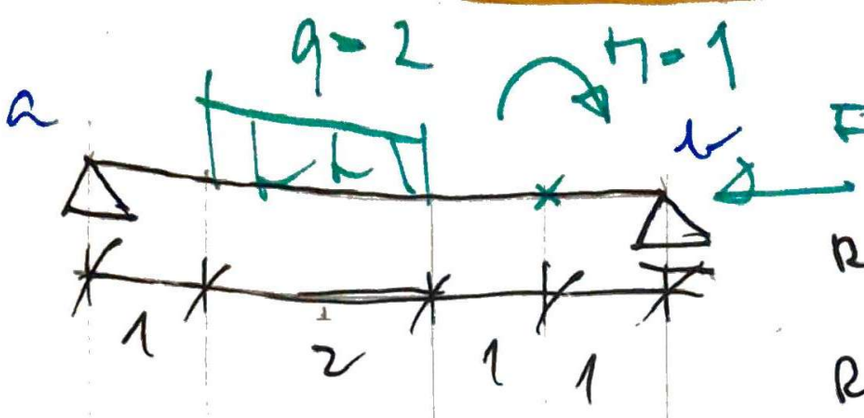
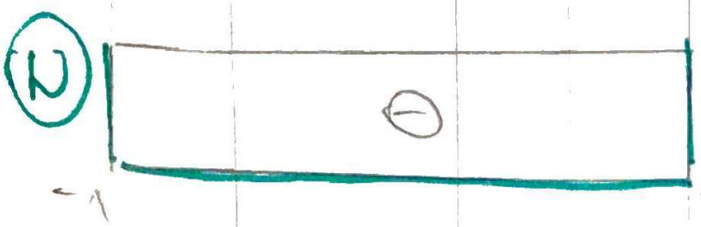


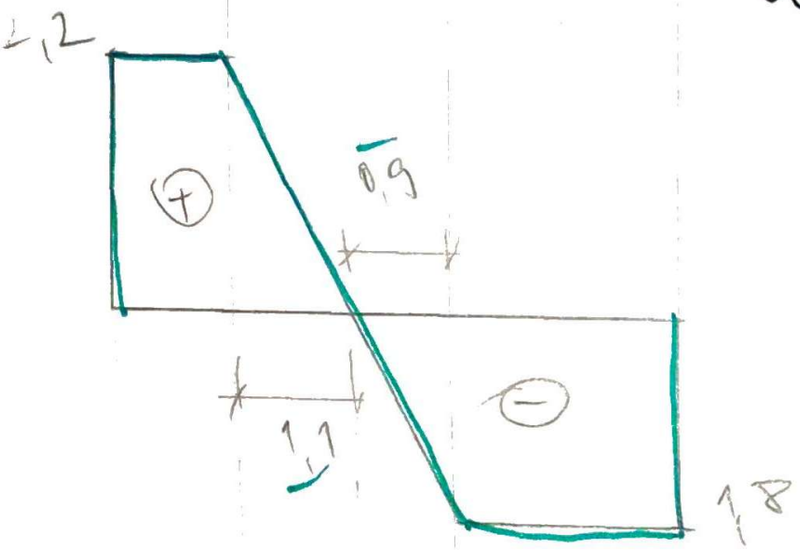
$R_a = 2{,}2$ N

$R_b = 1{,}8$ N

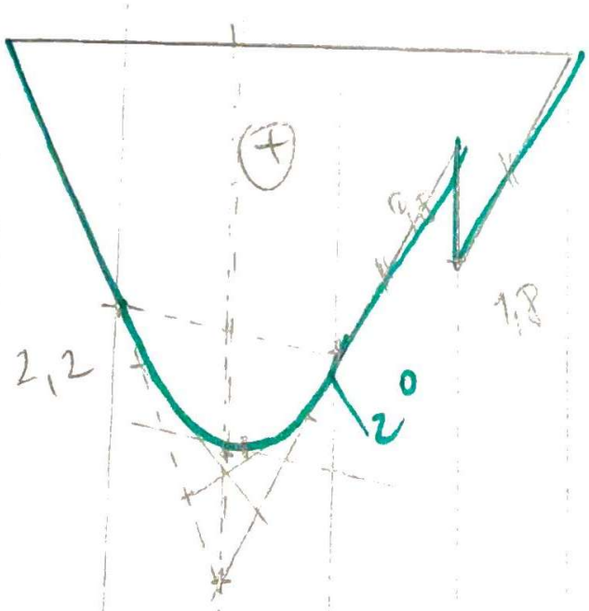
$$R_A = \frac{q \cdot a \cdot \left(\frac{a}{2} + c + d\right) - M}{a + b + c + d}$$

$$R_B = \frac{q \cdot a \cdot \left(\frac{a}{2} + d\right) + M}{a + b + c + d}$$





$\frac{1}{2} \cdot 2 \cdot 2^2 = 1$



$M_{max} = 2{,}2 \cdot 2{,}1 - 2 \cdot \frac{1{,}1^2}{2}$

$= 3{,}41$