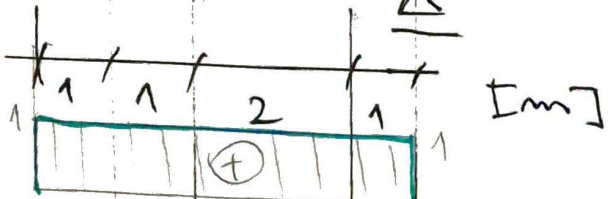


$R_a = 1,4$
 $R_b = 2,6$

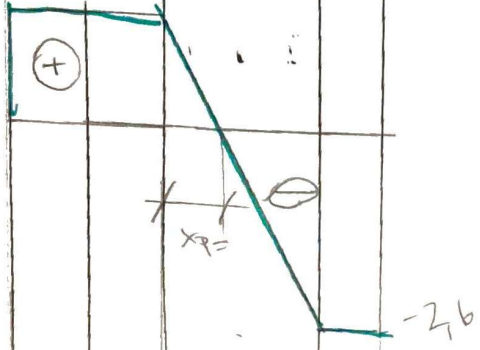
$R_a = \frac{-M + q \cdot c \cdot (\frac{c}{2} + d)}{a + b + c + d}$
 $R_b = \frac{M + q \cdot c \cdot (\frac{c}{2} + d)}{a + b + c + d}$

(1)



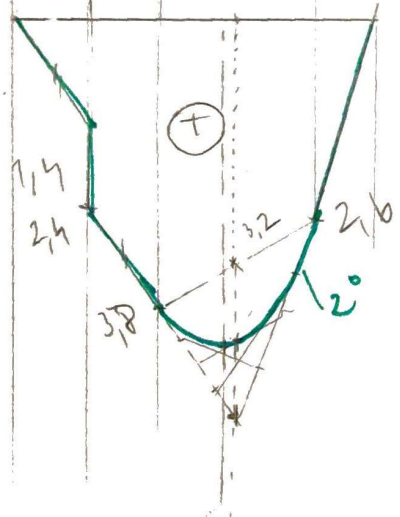
$x_p = \frac{1,4}{2} = 0,7$

(2)



$\frac{1}{8} q \cdot l^2 = \frac{1}{8} \cdot 2 \cdot 2^2 = 1$

(3)



$M_{max} = 2,6 \cdot 2,3 - 2 \cdot \frac{1,3^2}{2} = 4,29$