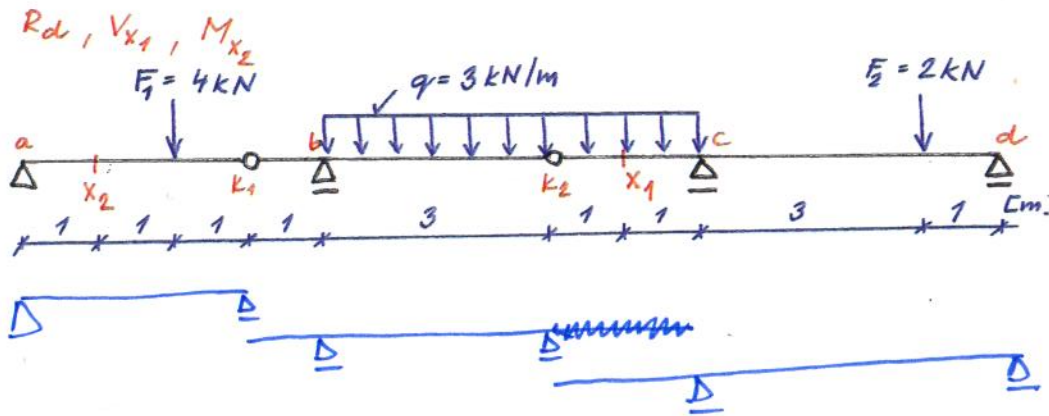
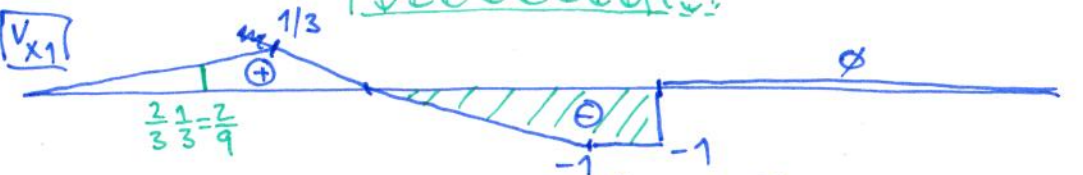


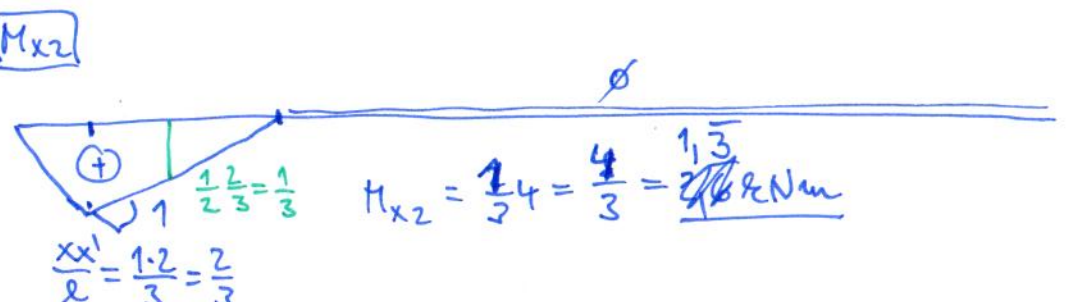
VMENO:



$$R_d = \frac{1}{9} \cdot 4 - \frac{1}{2} \cdot 5 \cdot \frac{1}{2} \cdot 3 + \frac{3}{4} \cdot 2 = -1,805 \text{ kN}$$



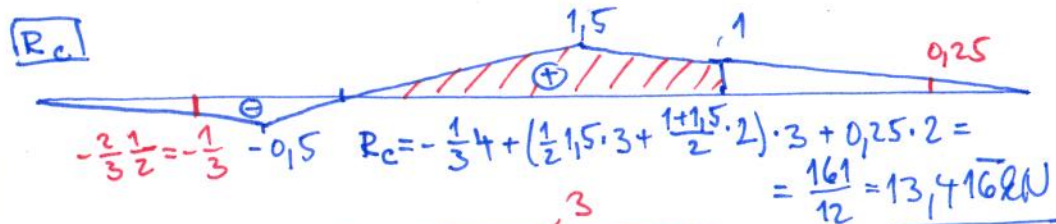
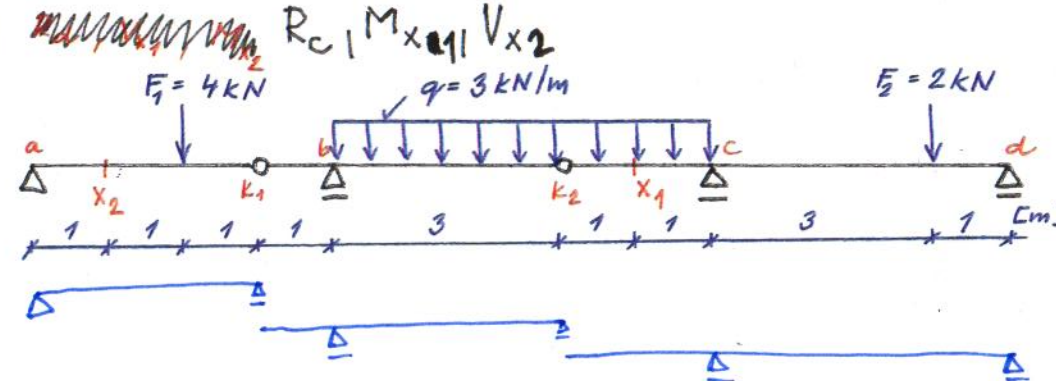
$$V_{x1} = \frac{2}{9} \cdot 4 - \left(\frac{1}{2} \cdot 3 \cdot 1 + 1 \cdot 1 \right) = -6,67 \text{ kN}$$



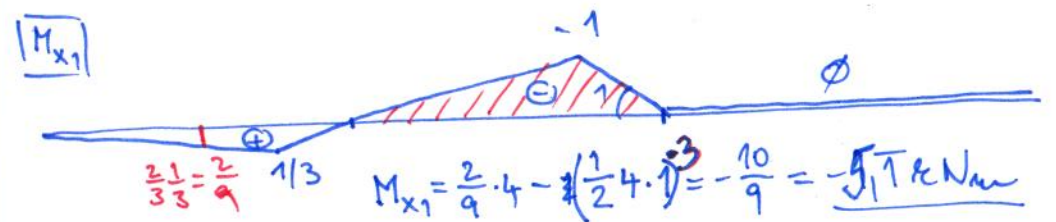
$$M_{x2} = \frac{1}{2} \cdot 4 = \frac{4}{3} = 1,33 \text{ kNm}$$

$$\frac{x x'}{2} = \frac{1 \cdot 2}{3} = \frac{2}{3}$$

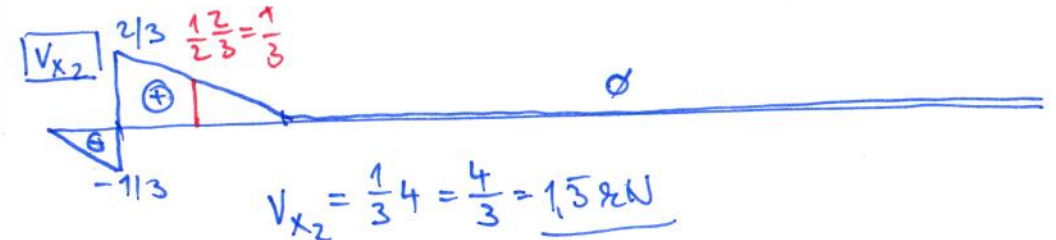
VMENO:



$$R_c = -\frac{1}{3} \cdot 4 + \left(\frac{1}{2} \cdot 1,5 \cdot 3 + \frac{1+1,5}{2} \cdot 2 \right) \cdot 3 + 0,25 \cdot 2 = \frac{161}{12} = 13,416 \text{ kN}$$



$$M_{x1} = \frac{2}{9} \cdot 4 - \left(\frac{1}{2} \cdot 4 \cdot 1 \right) = -\frac{10}{9} = -5,1 \text{ kNm}$$



$$V_{x2} = \frac{1}{3} \cdot 4 = \frac{4}{3} = 1,33 \text{ kN}$$