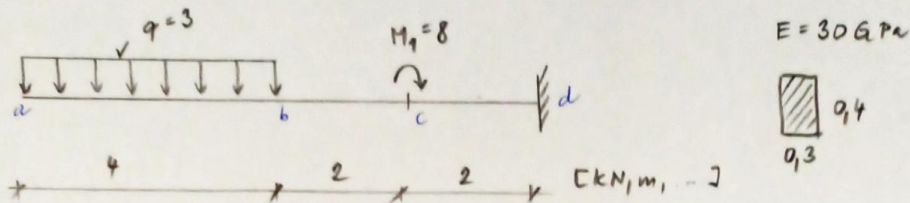
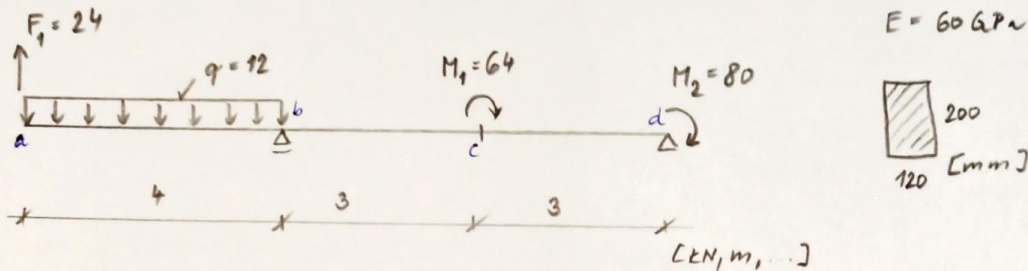


① Určete  $w_a, w_c$ :



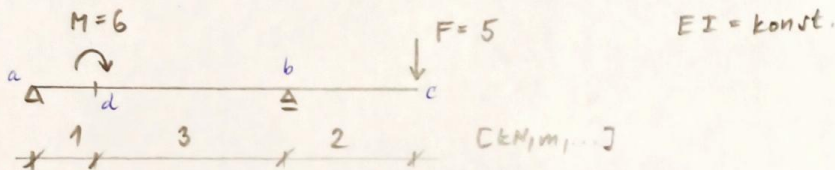
$$[w_a = 0,025 \text{ m}; w_c = 2,3 \cdot 10^{-3} \text{ m}]$$

② Určete  $w_a$  a pootočení v místě maximální absolutní hodnoty ohybového momentu.



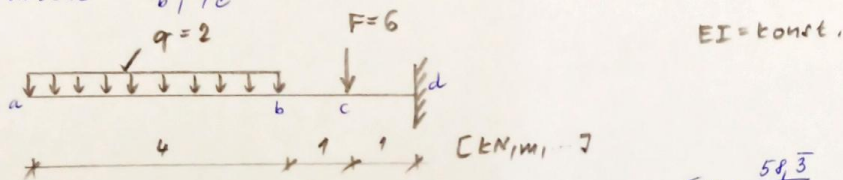
$$[w_a = 0,053 \text{ m}; \varphi_d = 0,03 \text{ rad}]$$

③ Určete  $w_c$  a  $\varphi_c$ :



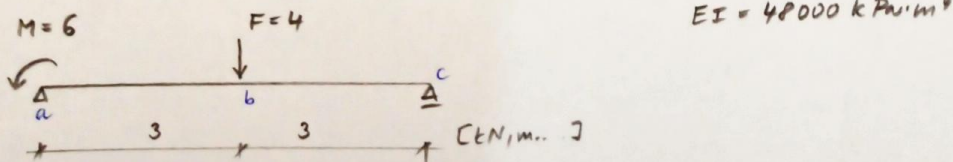
$$[w_c = \frac{33,5}{EI}; \varphi_c = \frac{29,083}{EI}]$$

④ Určete  $w_b, \varphi_c$ :



$$[w_b = \frac{58,3}{EI}; \varphi_c = -\frac{31}{EI}]$$

⑤ Určete  $w_b, \varphi_b, \varphi_c$ :



$$[w_b = 9,375 \cdot 10^{-5} \text{ m}; \varphi_b = 3,125 \cdot 10^{-5} \text{ rad}; \varphi_c = -6,25 \cdot 10^{-5} \text{ rad}]$$