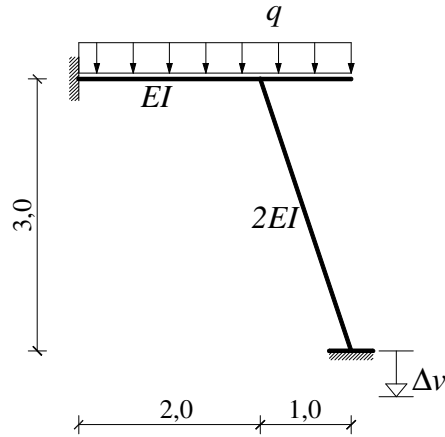


GS 2. – 10.02.2009.

1. Primjenom metoda relaksacije nacrtajte momentni dijagram.



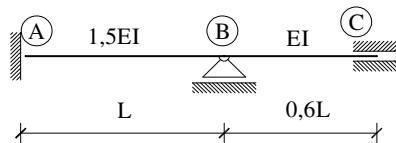
$$q = 50 \text{ kN / m}$$

$$\Delta v = 3 \text{ mm}$$

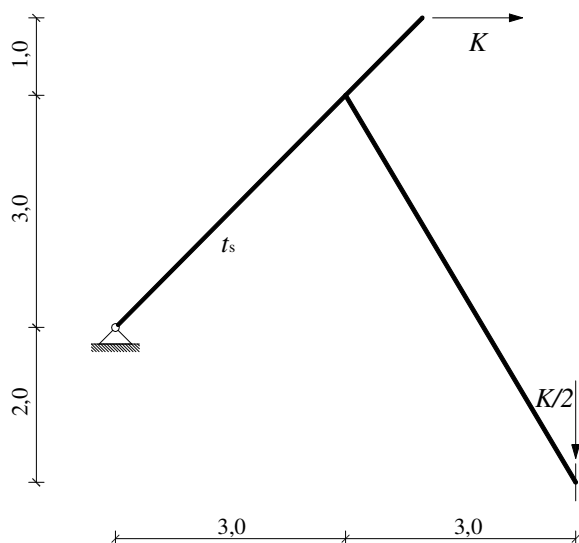
$$\frac{b}{h} = \frac{30 \text{ cm}}{40 \text{ cm}}$$

$$E = 3 \cdot 10^7 \text{ kN / m}^2$$

2. Odredite utjecajnu liniju za moment u točki C.



3. Koristeći inženjersku metodu pomaka odredite momentni dijagram.



$$K = 290 \text{ kN}$$

$$t_s = 15^\circ \text{ C}$$

$$E = 3 \cdot 10^7 \text{ kN / m}^2$$

$$\frac{b}{h} = \frac{35}{45} \text{ cm}$$

$$\alpha_t = 10^{-5} \text{ K}^{-1}$$