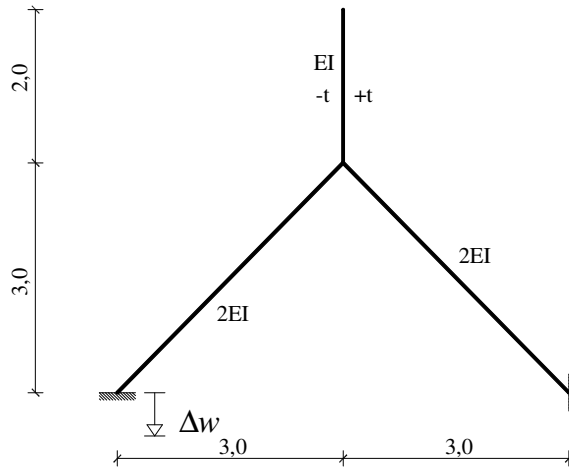


GS 2. – 15.09.2009.

1. Metodom pomaka odredite momentni dijagram. Koristite simetriju i antimetriju.



$$\frac{b}{h} = \frac{40}{50} \text{ cm}$$

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

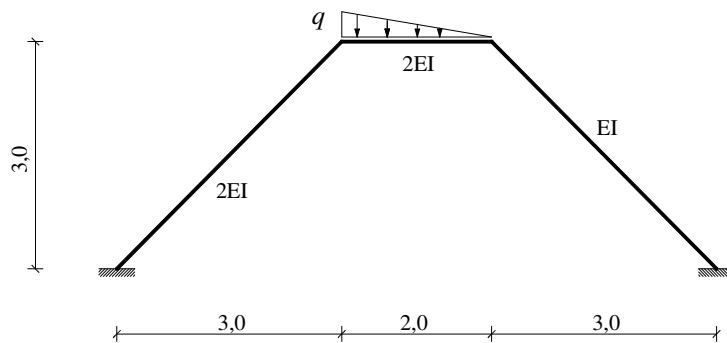
$$\pm t = 14^\circ \text{ C}$$

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

$$\Delta w = 3 \text{ cm}$$

2. Nacrtajte progibnu liniju za nosač iz prethodnog zadatka.

3. Koristeći metode relaksacije odredite momentni dijagram.



$$\frac{b}{h} = \frac{50}{50} \text{ cm}$$

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

$$q = 20 \text{ kN/m}^2$$