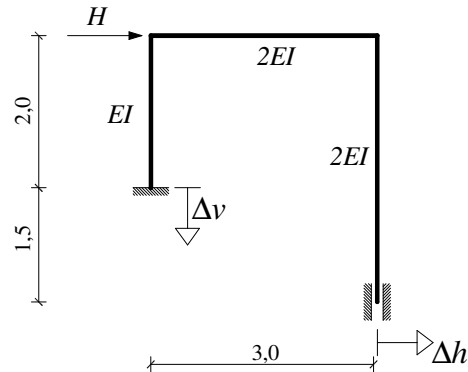


GS 2. – 07.07.2009.

1. Metodom pomaka odredite ukupni pomak upeto-kliznog ležaja.



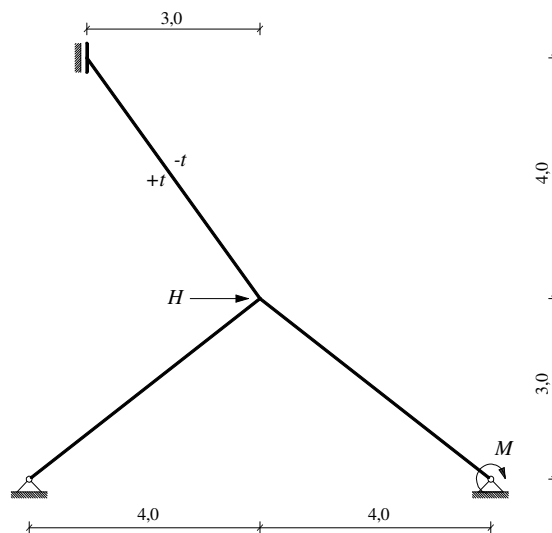
$$H = 90 \text{ kN}$$

$$EI = 90000 \text{ kNm}^2$$

$$\Delta h = 1,5 \text{ cm}$$

$$\Delta v = 0,9 \text{ cm}$$

2. Relaksacijskim postupkom odredite dijagram momenata savijanja.



$$H = 145 \text{ kN}$$

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

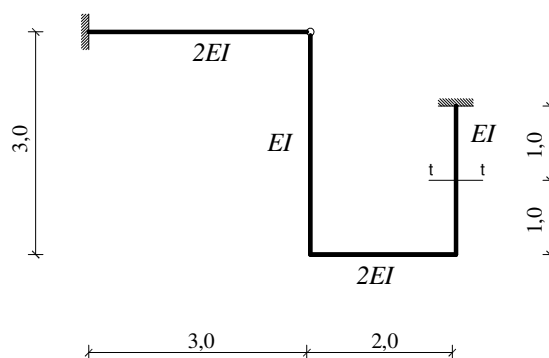
$$\alpha_t = 10^{-5} \text{ K}^{-1}$$

$$M = 145 \text{ kNm}$$

$$EI = 145000 \text{ kNm}^2$$

$$h = 45 \text{ cm}$$

3. Odredite utjecajnu liniju za poprečnu silu u zadanom presjeku.



$$EI = 90000 \text{ kNm}^2$$