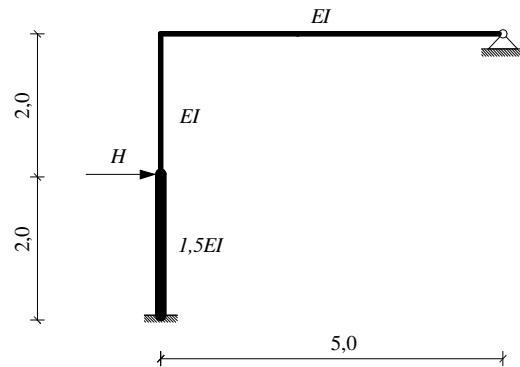


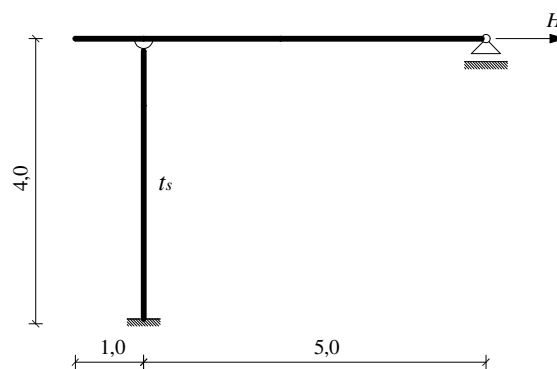
## GS 2. – 04.09.2012.

1. Relaksacijskim postupcima odredite dijagram momenata savijanja.



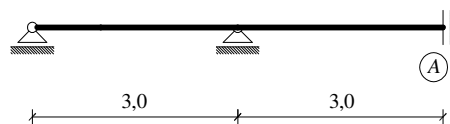
$$EI = 60000 \text{ kNm}^2$$
$$H = 100 \text{ kN}$$

2. Inženjerskom metodom pomaka odredite dijagram momenata savijanja, te iz diferencijalnih odnosa dijagram poprečnih sila.



$$E = 3 \cdot 10^7 \text{ kN/m}^2$$
$$\frac{b}{h} = \frac{30}{40} [\text{cm}]$$
$$H = 120 \text{ kN}$$
$$t_s = 20^\circ \text{ C}$$
$$\alpha_t = 10^{-5} \text{ K}^{-1}$$

3. Odredite utjecajnu liniju za moment na ležaju A.



$$EI = 80000 \text{ kNm}^2$$