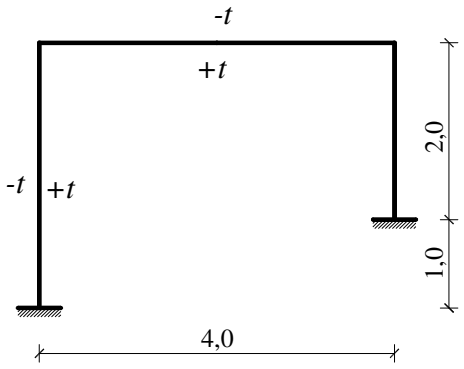
GS 2. – 14.03.2009.

1. Iteracijskim postupkom nacrtajte momentni dijagram te pomoću diferencijalnih odnosa dijagram poprečnih sila.



$t = 10^{\circ} C$

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

stupovi :

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

greda :

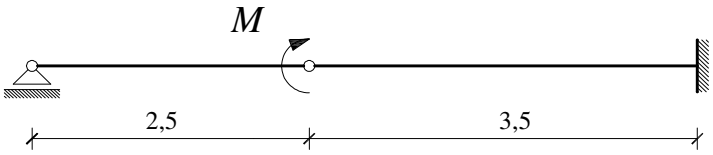
$\frac{b}{h} = \frac{30cm}{60cm}$

$E = 3 \cdot 10^7 \, kN/m^2$

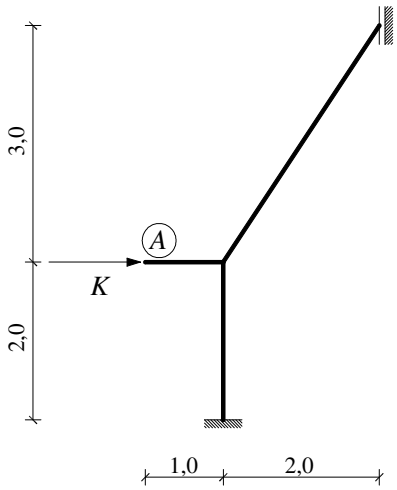
2. Nacrtajte progibnu liniju.

M = 150kNm

$EI = 150000 \, kNm^2$



3. Koristeći inženjersku metodu pomaka odredite vertikalan pomak točke A.



K = 200kN

$E = 3 \cdot 10^7 \, kN/m^2$

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