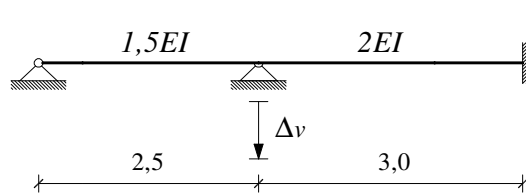


GS 1. – 16.06.2009.

1. Nacrtajte progibnu liniju.

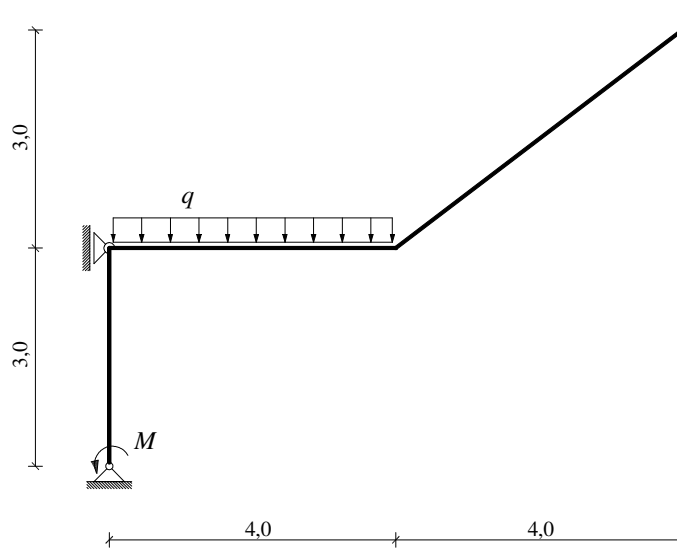


$$\Delta v = 2 \text{ cm}$$

$$b/h = 30/45 \text{ cm}$$

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

2. Metodom sila odredite dijagram momenata te iz diferencijalnih odnosa dijagram poprečnih sila.



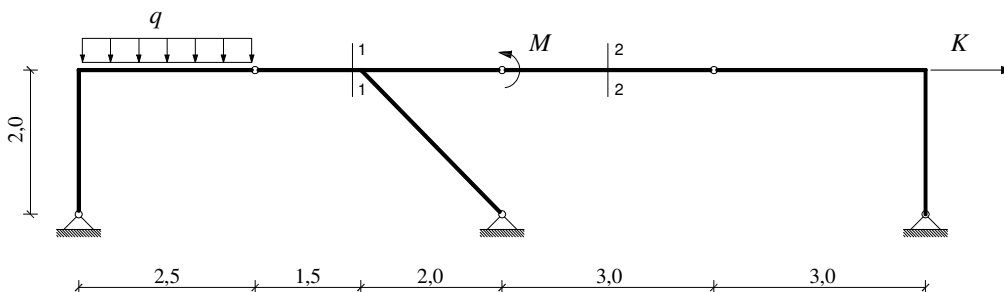
$$M = 100 \text{ kNm}$$

$$q = 36 \text{ kN/m}$$

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

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

3. Grafičkim postupkom odredite sile u zadanim presjecima.



$$q = 80 \text{ kN/m}$$

$$M = 120 \text{ kNm}$$

$$K = 120 \text{ kN}$$