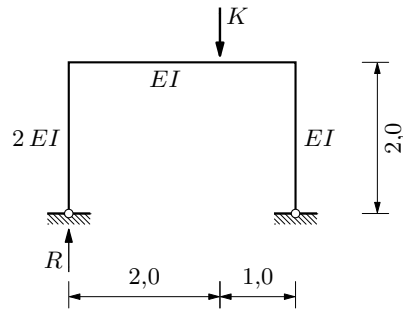


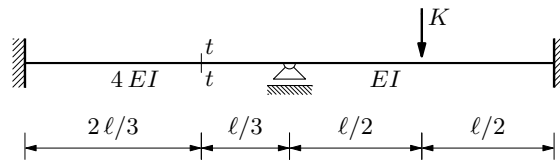
## GS 2. — 3. kolokvij (A) (2005./2006.)

1. (10) Pomoću  $\eta_R$  izračunajte  $R(K)$ .

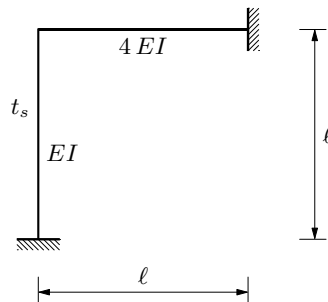
$K = 75 \text{ kN}$



2. (20) Pomoću  $\eta_{M_{t-t}}$  izračunajte  $M_{t-t}(K)$ .

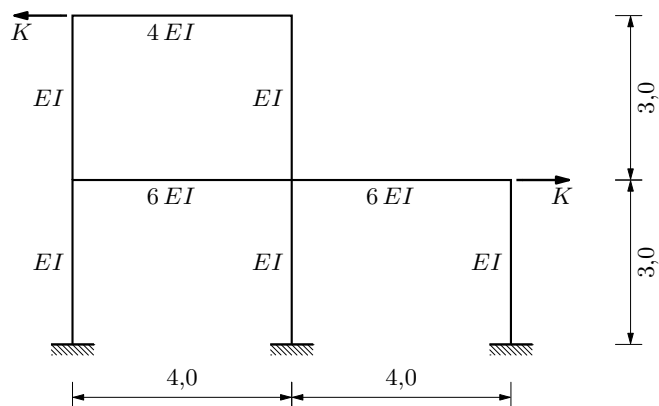


3. (10) Crossovim postupkom nacrtajte dijagram momenata.



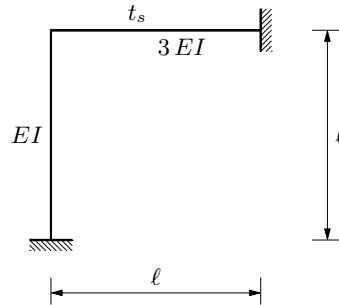
4. (40) Postupkom Wernera i Csonke nacrtajte dijagram momenata.

$K = 200 \text{ kN}$



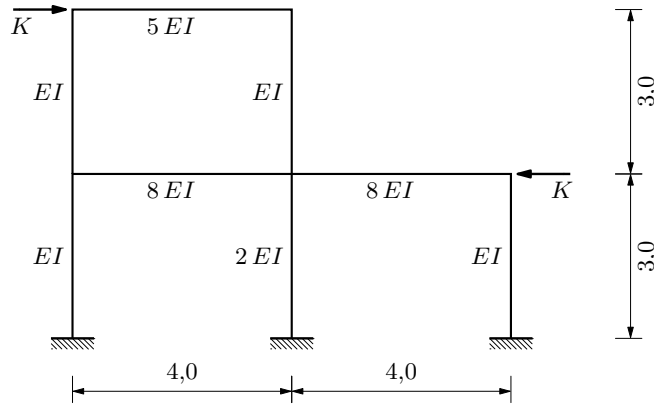
## GS 2. — 3. kolokvij (B) (2005./2006.)

1. (10) Crossovim postupkom nacrtajte dijagram momenata.



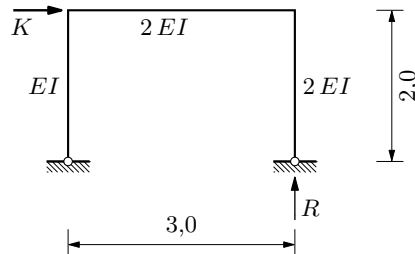
2. (40) Postupkom Wernera i Csonke nacrtajte dijagram momenata.

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

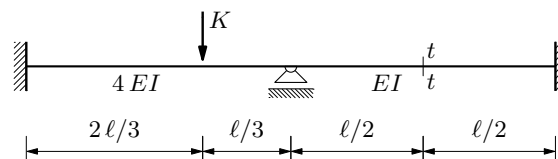


3. (10) Pomoću  $\eta_R$  izračunajte  $R(K)$ .

$$K = 85 \text{ kN}$$



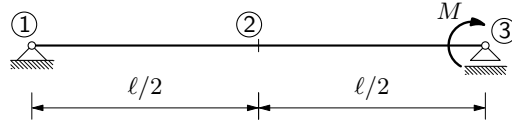
4. (20) Pomoću  $\eta_{M_{t-t}}$  izračunajte  $M_{t-t}(K)$ .



## GS 2. — 3. kolokvij (C) (2005./2006.)

1. (15) Crossovim postupkom izračunajte vertikalni pomak točke 2.

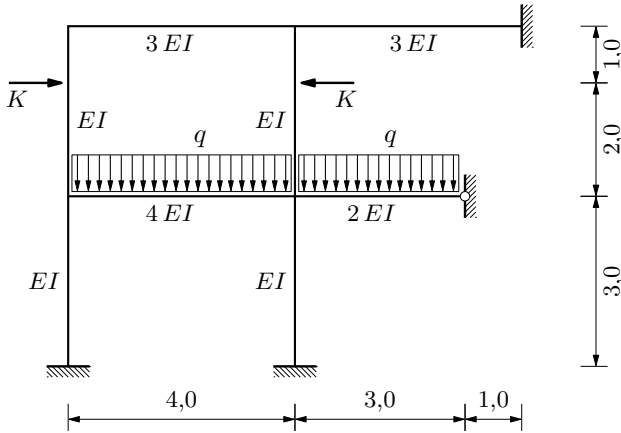
$$EI = \text{const.}$$



2. (25) Crossovim postupkom nacrtajte dijagram momenata.

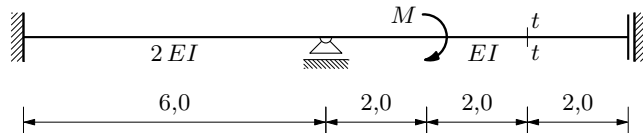
$$K = 60 \text{ kN}$$

$$q = 40 \text{ kN/m'}$$

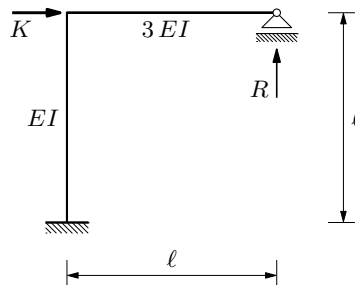


3. (10) Pomoću  $\eta_{T-t-t}$  izračunajte  $T_{t-t}(M)$ .

$$M = 75 \text{ kNm}$$



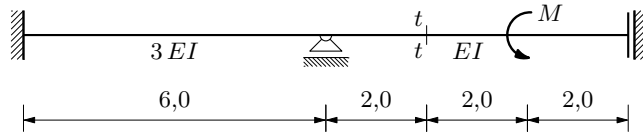
4. (30) Pomoću  $\eta_R$  izračunajte  $R(K)$ .



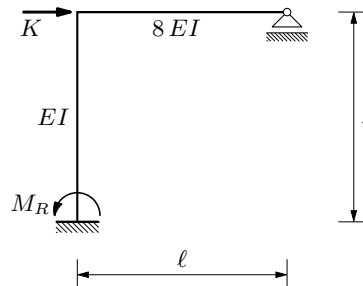
## GS 2. — 3. kolokvij (D) (2005./2006.)

1. (10) Pomoću  $\eta_{T_{t-t}}$  izračunajte  $T_{t-t}(M)$ .

$$M = 125 \text{ kNm}$$

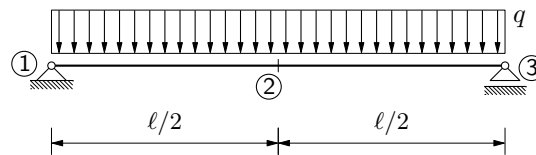


2. (30) Pomoću  $\eta_{M_R}$  izračunajte  $M_R(K)$ .



3. (15) Crossovim postupkom izračunajte vertikalni pomak točke 2.

$$EI = \text{const.}$$



4. (25) Crossovim postupkom nacrtajte dijagram momenata.

$$K = 60 \text{ kN}$$

$$q = 40 \text{ kN/m'}$$

