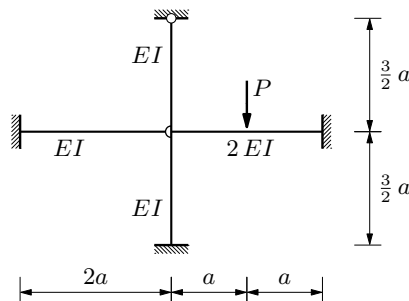
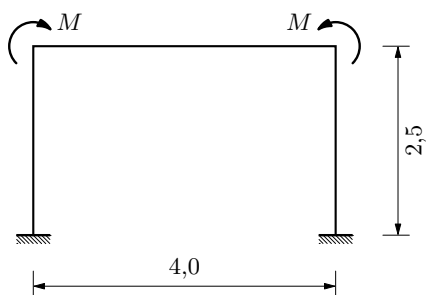


GS 2. — 2. kolokvij (A) (2004./2005.)

1. (15) Nacrtajte momentni dijagram.



2. (25)

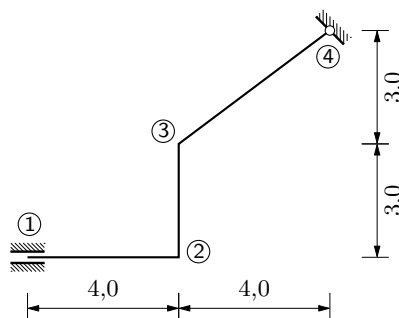


Primjenom simetrije nacrtajte momentni dijagram.

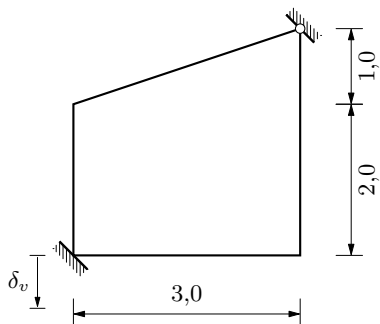
$$EI = \text{const}$$

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

3. (15) Odredite nepoznanice za proračun inženjerskom metodom pomaka i nacrtajte skice pomaka (za jednadžbe virtualnih radova).



4. (25)



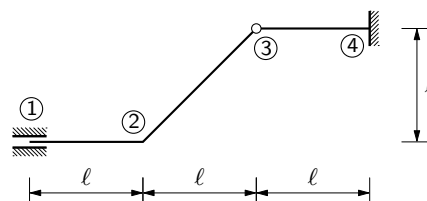
Nacrtajte momentni dijagram.

$$EI = 150\,000 \text{ kNm}^2$$

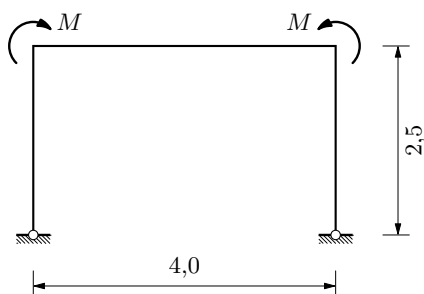
$$\delta_v = 1 \text{ mm}$$

GS 2. — 2. kolokvij (B) (2004./2005.)

1. (15) Odredite nepoznanice za proračun inženjerskom metodom pomaka i nacrtajte skice pomaka (za jednadžbe virtualnih radova).



2. (25)



Primjenom simetrije nacrtajte momentni dijagram.

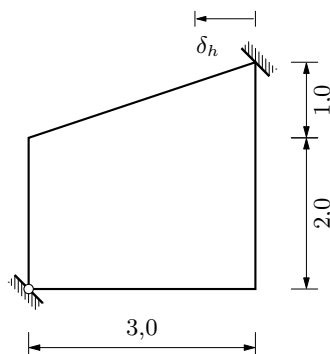
$$EI = \text{const}$$

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

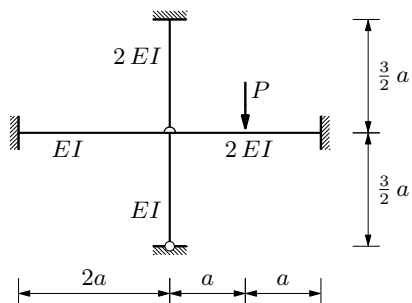
3. (25) Nacrtajte momentni dijagram.

$$EI = 150\,000 \text{ kNm}^2$$

$$\delta_h = 1 \text{ mm}$$



4. (15)

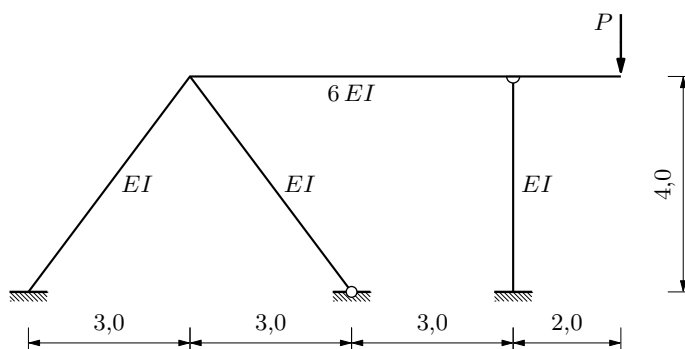


Nacrtajte momentni dijagram.

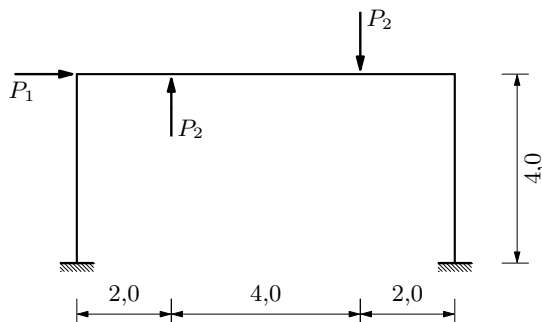
GS 2. — 2. kolokvij (C) (2004./2005.)

1. (25) Nacrtajte momentni dijagram i provedite deformacijsku kontrolu.

$$P = 75 \text{ kN}$$



2. (25)



Primjenom simetrije/antimetrije nacrtajte momentni dijagram.

$$EI = \text{const}$$

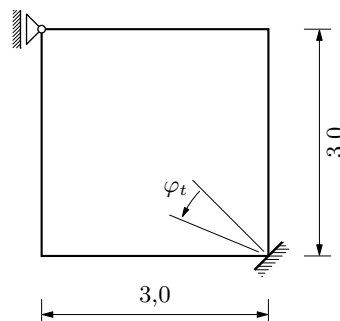
$$P_1 = 100 \text{ kNm}$$

$$P_2 = 75 \text{ kNm}$$

3. (30) Nacrtajte momentni dijagram.

$$EI = 150\,000 \text{ kNm}^2$$

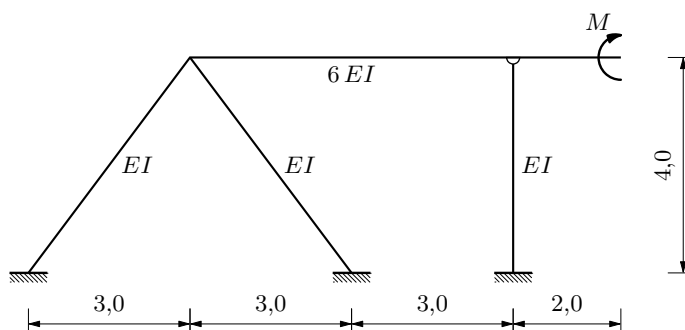
$$\varphi_t = 2 \cdot 10^{-4}$$



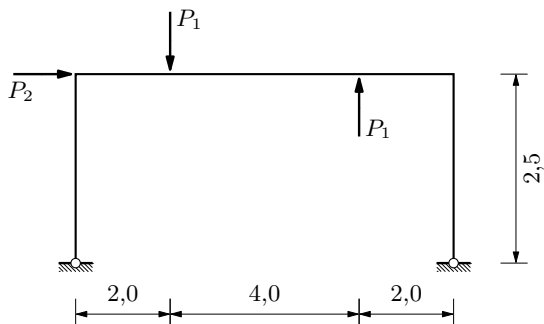
GS 2. — 2. kolokvij (D) (2004./2005.)

1. (25) Nacrtajte momentni dijagram i provedite deformacijsku kontrolu.

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



2. (25)



Primjenom simetrije/antimetrije nacrtajte momentni dijagram.

$$EI = \text{const}$$

$$P_1 = 50 \text{ kNm}$$

$$P_2 = 80 \text{ kNm}$$

3. (30) Nacrtajte momentni dijagram.

$$EI = 150\,000 \text{ kNm}^2$$

$$\varphi_t = 3 \cdot 10^{-4}$$

