

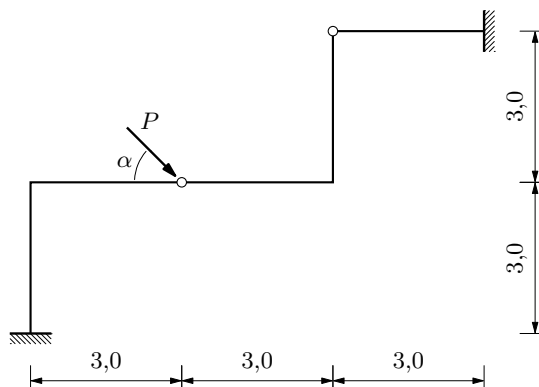
GS 2. — 1. kolokvij (A) (2004./2005.)

1. (20) Nacrtajte dijagram momenata.

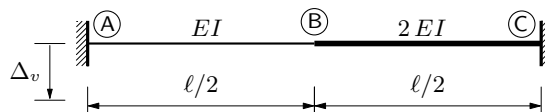
$$P = 100\sqrt{2} \text{ [kN]}$$

$$\operatorname{tg} \alpha = 1$$

$$EI = \text{const}$$



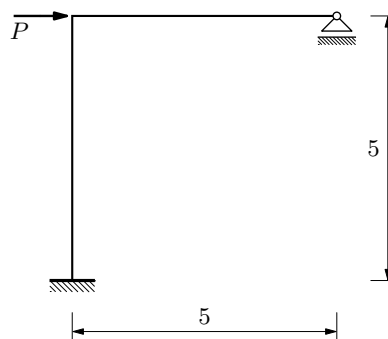
2. (35) Izračunajte vertikalni pomak točke B.



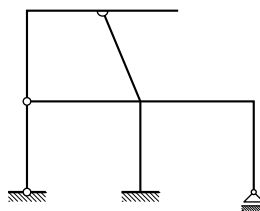
3. (20) Nacrtajte dijagram momenata i provedite deformacijsku kontrolu.

$$P = 100 \text{ [kN]}$$

$$EI = 20\,000 \text{ [kNm}^2\text{]}$$



4. (5) Odredite stupanj statičke neodređenosti.

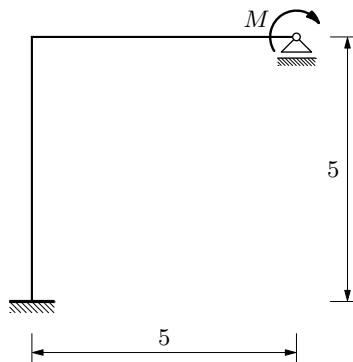


GS 2. — 1. kolokvij (B) (2004./2005.)

1. (20) Nacrtajte dijagram momenata i provedite deformacijsku kontrolu.

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

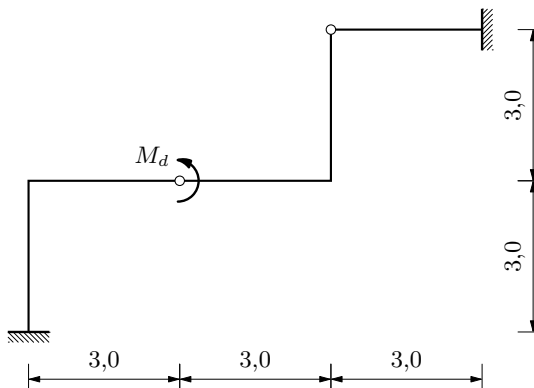
$$EI = 20\,000 \text{ [kNm}^2\text{]}$$



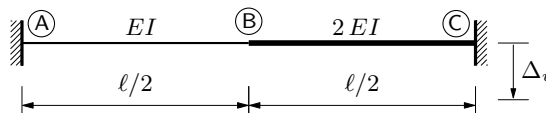
2. (20) Nacrtajte dijagram momenata.

$$M_d = 100 \text{ [kNm]}$$

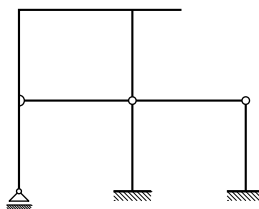
$$EI = \text{const}$$



3. (35) Izračunajte vertikalni pomak točke B.



4. (5) Odredite stupanj statičke neodređenosti.

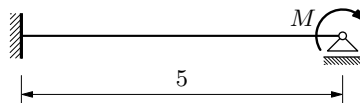


GS 2. — 1. kolokvij (C) (2004./2005.)

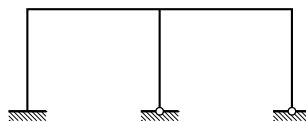
1. (15) Nacrtajte dijagram momenata i provedite deformacijsku kontrolu.

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

$$EI = 20\,000 \text{ [kNm}^2\text{]}$$



2. (10) Odredite stupanj statičke neodređenosti i nacrtajte jedan osnovni sistem.

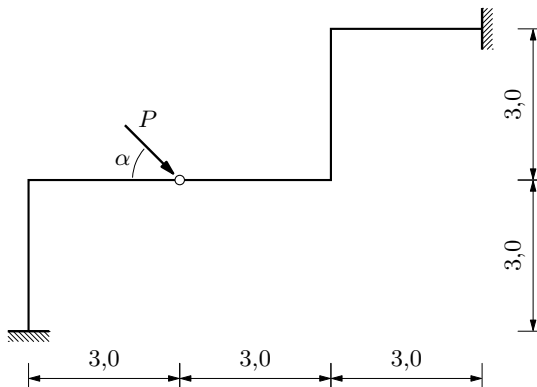


3. (35) Nacrtajte dijagram momenata.

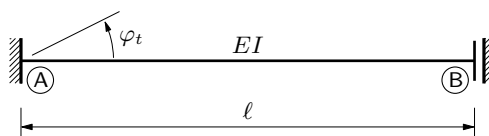
$$P = 100\sqrt{2} \text{ [kN]}$$

$$\text{tg } \alpha = 1$$

$$EI = \text{const}$$

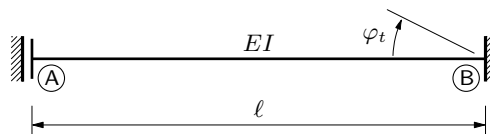


4. (20) Izračunajte vertikalni pomak točke B.



GS 2. — 1. kolokvij (D) (2004./2005.)

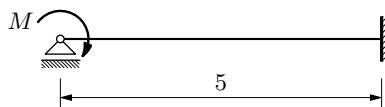
1. (20) Izračunajte vertikalni pomak točke A.



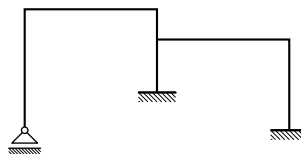
2. (15) Nacrtajte dijagram momenata i provedite deformacijsku kontrolu.

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

$$EI = 20\,000 \text{ [kNm}^2\text{]}$$



3. (10) Odredite stupanj statičke neodređenosti i nacrtajte jedan osnovni sistem.



4. (35) Nacrtajte dijagram momenata.

$$M_d = 100 \text{ [kNm]}$$

$$EI = \text{const}$$

