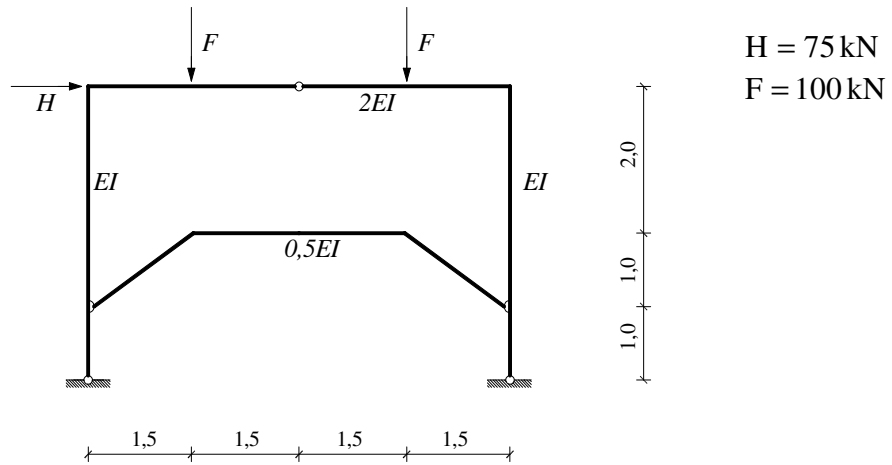
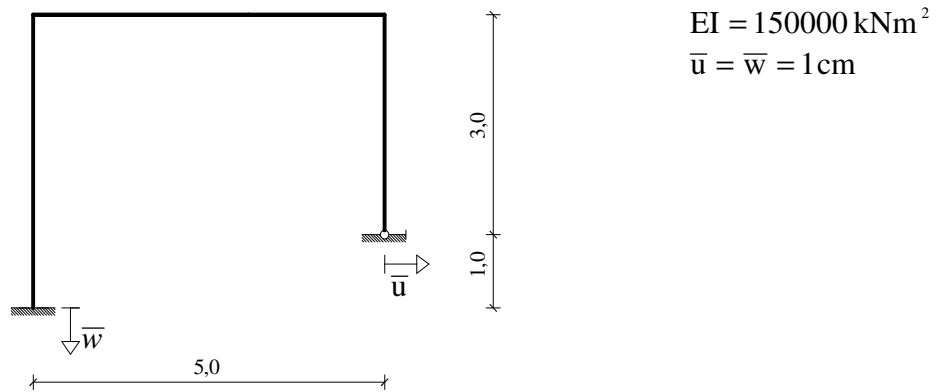


GS 1. - 2. kolokvij (A) – (2011./2012.)

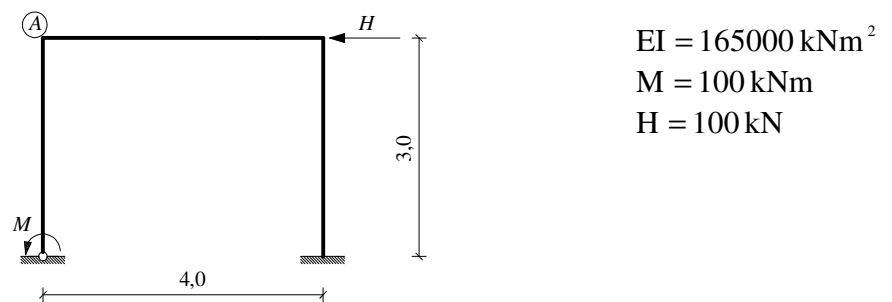
1. (25) Nacrtajte dijagrame M , T , N . (Zanemarite utjecaj uzdužnih sila)



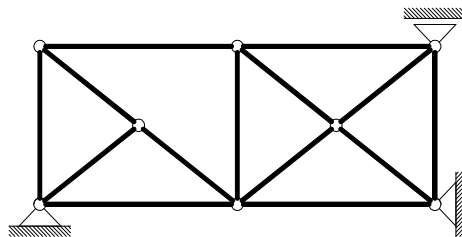
2. (25) Nacrtajte dijagram momenata savijanja.



3. (35) Izračunajte horizontalni pomak točke A.

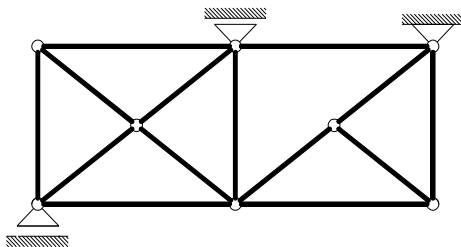


4. (15) Odredite stupanj statičke neodređenosti i nacrtajte dva osnovna sistema.

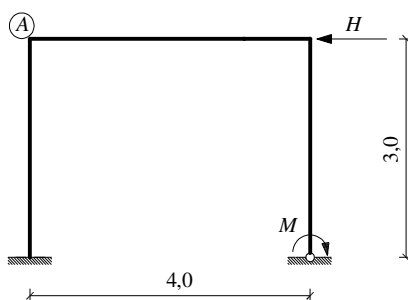


GS 1. - 2. kolokvij (B) – (2011./2012.)

1. (15) Odredite stupanj statičke neodređenosti i nacrtajte dva osnovna sistema.



2. (35) Izračunajte horizontalni pomak točke A.

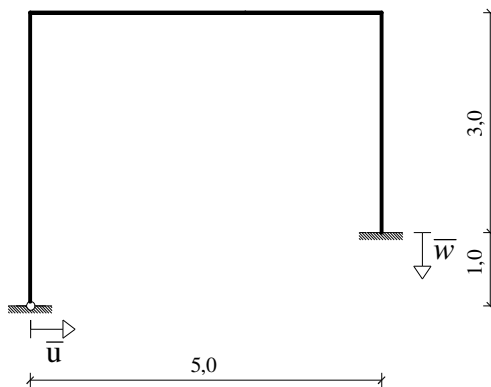


$$EI = 165000 \text{ kNm}^2$$

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

$$H = 100 \text{ kN}$$

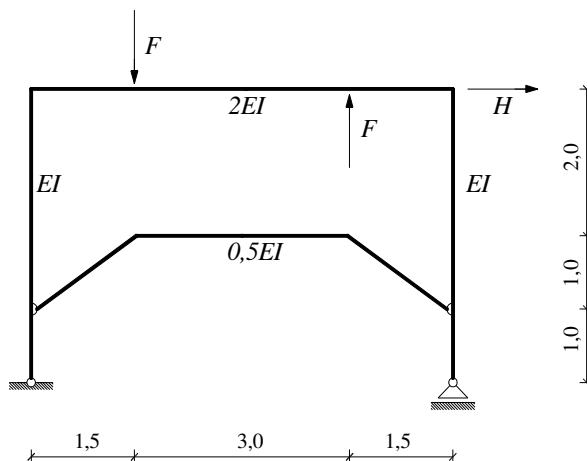
3. (25) Nacrtajte dijagram momenata savijanja.



$$EI = 150000 \text{ kNm}^2$$

$$\bar{u} = \bar{w} = 1 \text{ cm}$$

4. (25) Nacrtajte dijagrame M , T , N . (Zanemarite utjecaj uzdužnih sila)



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

$$F = 100 \text{ kN}$$