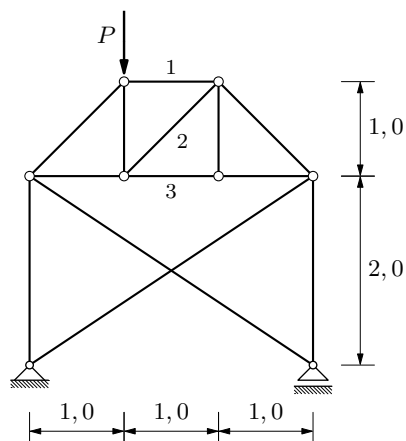


GS 1. — 1. kolokvij (A) (2003./2004.)

1. (20) Odrediti sile u štapovima 1, 2 i 3.

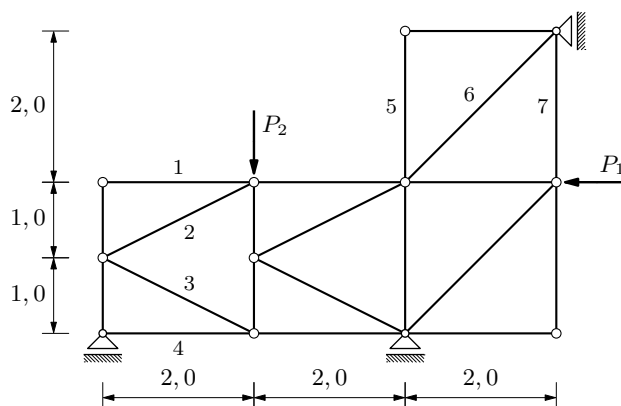
$$P = 100 \text{ [kN]}$$



2. (25) Culmannovim postupkom odrediti sile u štapovima 1-7.

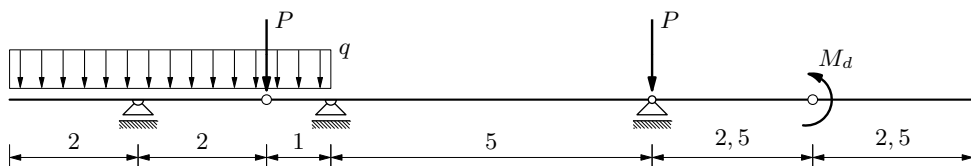
$$P_1 = 100 \text{ [kN]}$$

$$P_2 = 200 \text{ [kN]}$$



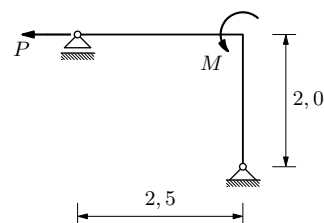
3. (25) Grafoanalitičkim postupkom odrediti M -dijagram.

$$P = 150 \text{ [kN]}, \quad M_d = 200 \text{ [kNm]}, \quad q = 25 \text{ [kN/m']}$$



4. (10) Analitičkim postupkom odrediti M -dijagram.

$$P = 100 \text{ [kN]}, \quad M = 250 \text{ [kNm]}$$

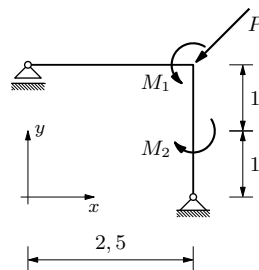


GS 1. — 1. kolokvij (B) (2003./2004.)

1. (10) Grafičkim postupkom odrediti reakcije

$$\vec{P} = -100 \vec{i} - 100 \vec{j} \text{ [kN]}$$

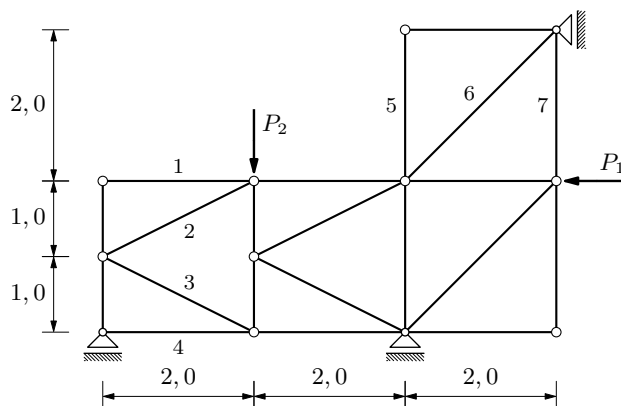
$$\vec{M}_1 = 250 \vec{k} \text{ [kNm]}, \quad \vec{M}_2 = -100 \vec{k} \text{ [kNm]}$$



2. (25) Ritterovim postupkom odrediti sile u štapovima 1–7.

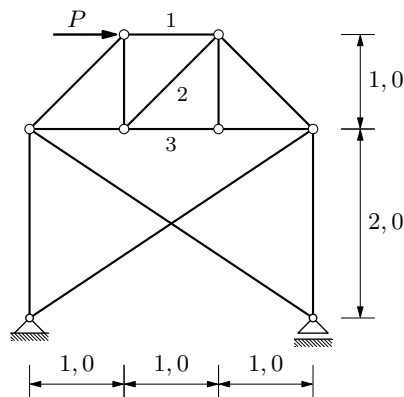
$$P_1 = 100 \text{ [kN]}$$

$$P_2 = 200 \text{ [kN]}$$



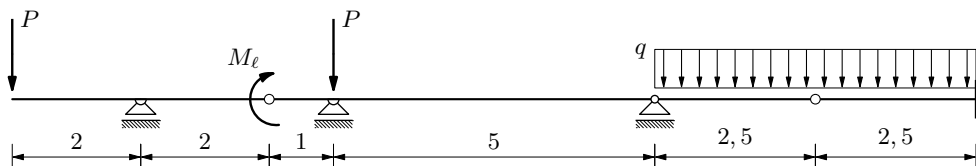
3. (20) Odrediti sile u štapovima 1, 2 i 3.

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



4. (25) Grafoanalitičkim postupkom odrediti M -dijagram.

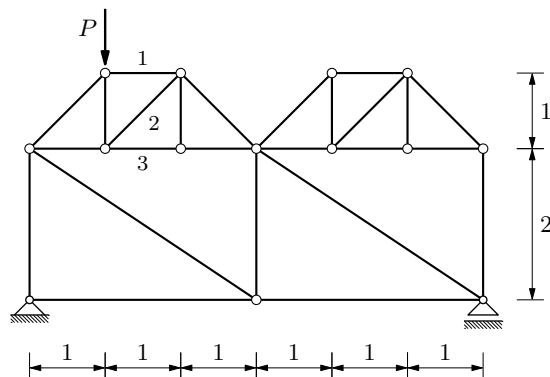
$$P = 100 \text{ [kN]}, \quad M_\ell = 200 \text{ [kNm]}, \quad q = 30 \text{ [kN/m']}$$



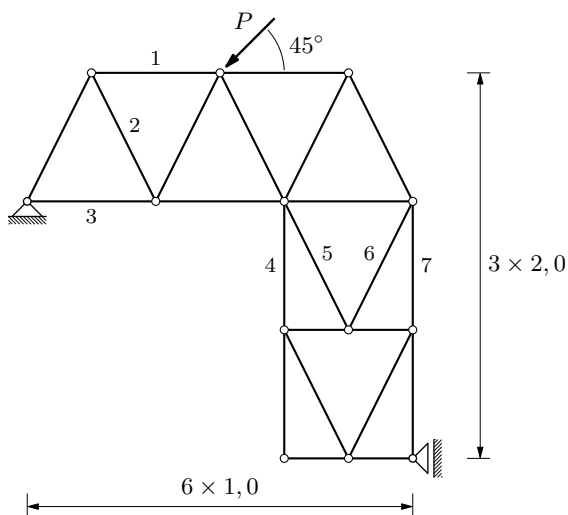
GS 1. — 1. kolokvij (C) (2003./2004.)

1. (20) Odrediti sile u štapovima 1, 2 i 3.

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



2. (25)

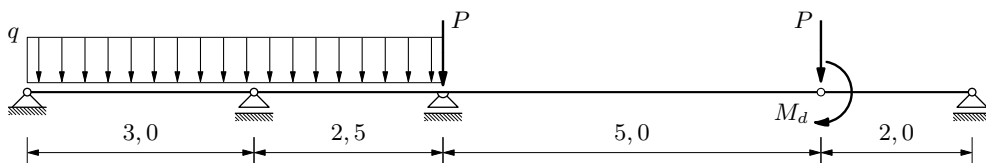


Ritterovim postupkom odrediti sile u štapovima 1–7.

$$P = 200\sqrt{2} \text{ [kN]}$$

3. (25) Grafoanalitičkim postupkom odrediti M -dijagram.

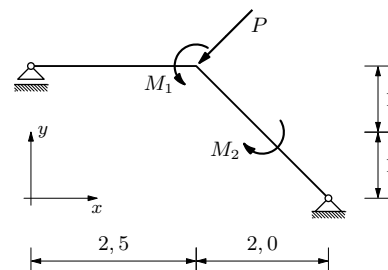
$$P = 100 \text{ [kN]}, \quad M_d = 200 \text{ [kNm]}, \quad q = 25 \text{ [kN/m]}$$



4. (10) Grafičkim postupkom odrediti reakcije

$$\vec{P} = -100\vec{i} - 100\vec{j} \text{ [kN]}$$

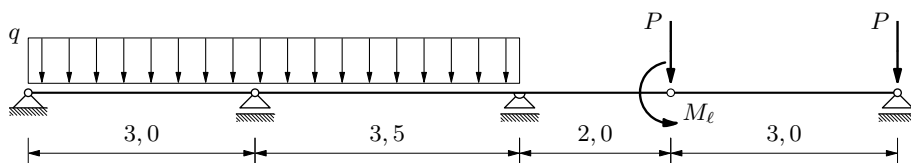
$$\vec{M}_1 = 250\vec{k} \text{ [kNm]}, \quad \vec{M}_2 = -100\vec{k} \text{ [kNm]}$$



GS 1. — 1. kolokvij (D) (2003./2004.)

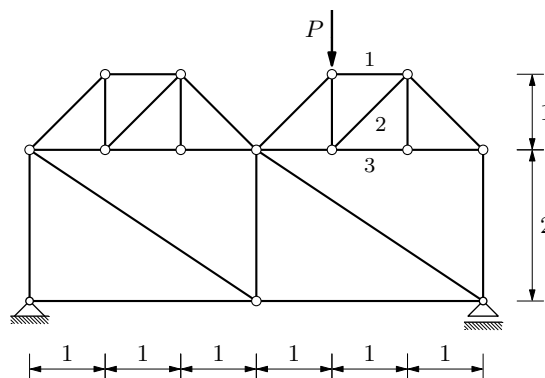
1. (25) Grafoanalitičkim postupkom odrediti M -dijagram.

$$P = 100 \text{ [kN]}, \quad M_\ell = 200 \text{ [kNm]}, \quad q = 25 \text{ [kN/m']}$$

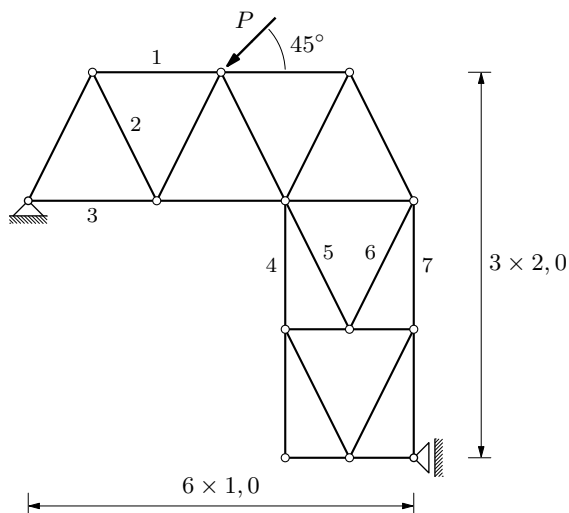


2. (20) Odrediti sile u štapovima 1, 2 i 3.

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



3. (25)



Culmannovim postupkom odrediti sile u štapovima 1-7.

$$P = 200\sqrt{2} \text{ [kN]}$$

4. (10) Analitičkim postupkom odrediti M -dijagram.

$$P = 100 \text{ [kN]}, \quad M = 250 \text{ [kNm]}$$

