

GS 2. — 2. rujna 2004.

1. Primjenom metode sila izračunajte horizontalni pomak točke E.

$$A (0, 0, 0)$$

$$B (5, 0, 0)$$

$$C (0, 5, 0)$$

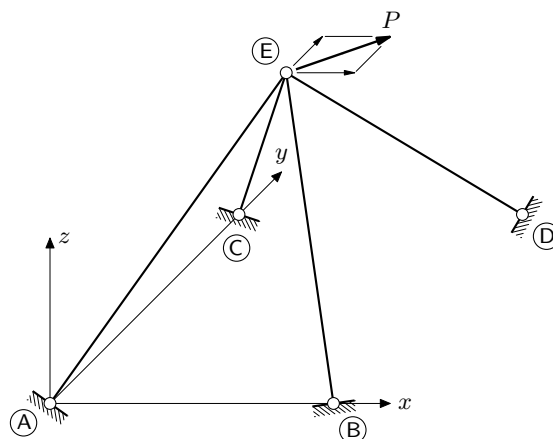
$$D (5, 5, 0)$$

$$E (2,5; 2,5; 5)$$

$$E = 2 \cdot 10^8 \text{ [kN/m}^2\text{]}$$

$$A = 0,0025 \text{ [m}^2\text{]}$$

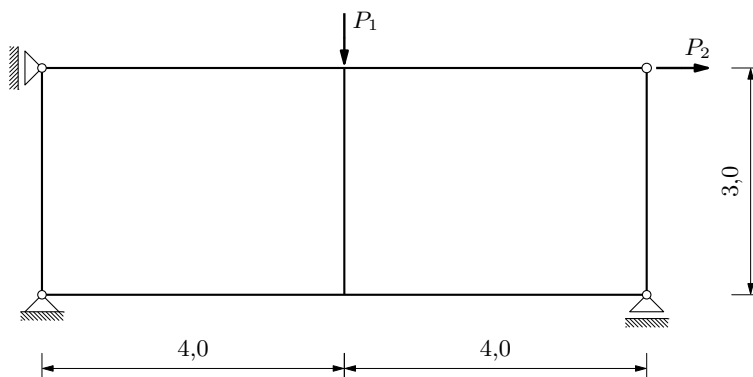
$$\vec{P} = 100\vec{i} + 75\vec{j} \text{ [kN]}$$



2. Primjenom metode pomaka nacrtajte momentni dijagram.

$$P_1 = 100 \text{ [kN];} \quad P_2 = 75 \text{ [kN]}$$

$$EI = \text{const}$$



3. Pomoću utjecajne linije određene iteracijskim postupkom izračunajte M_{1-1} .

$$EI = \text{const}$$

