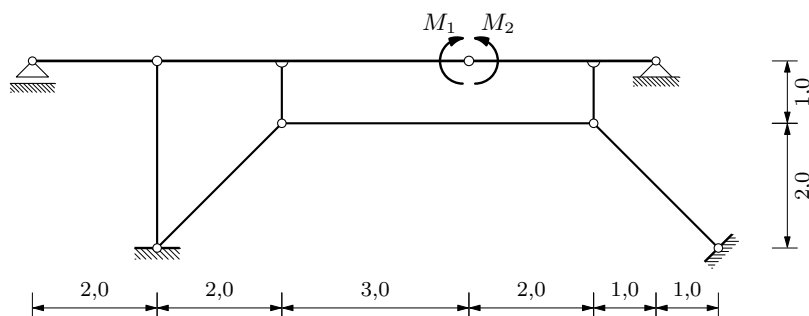


# GS 1. — 18. svibnja 2005.

1. Grafoanalitičkim postupkom nacrtajte  $M$  dijagram.

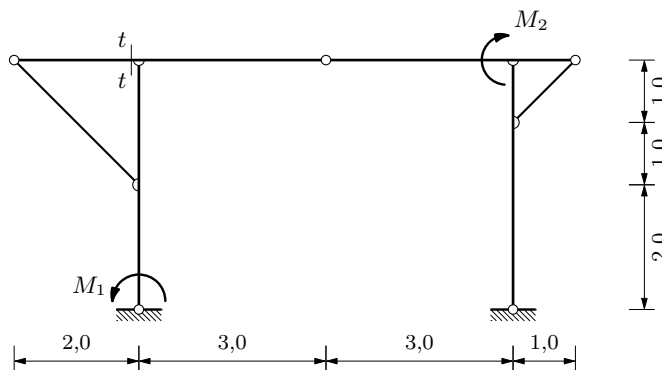
$$M_1 = 240 \text{ kNm}; \quad M_2 = 160 \text{ kNm}$$



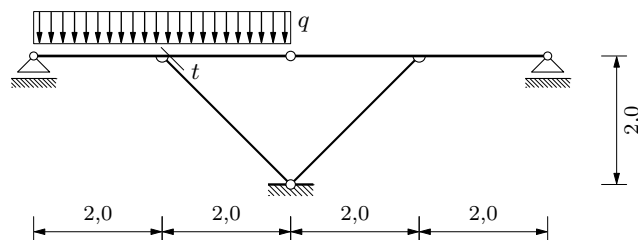
2. Grafičkim postupkom odredite  $[M, T, N]_{t-t}$ .

$$M_1 = 120 \text{ kNm}$$

$$M_2 = 60 \text{ kNm}$$



3. S pomoću utjecajnih linija izračunajte  $M_{t-t}(q)$  i  $T_{t-t}(q)$  ako je  $q = 200 \text{ kN/m}'$ .



4. Odredite  $\alpha$  tako da je  $w_C = 0$ . Neka je  $EI = \text{const}$ .

