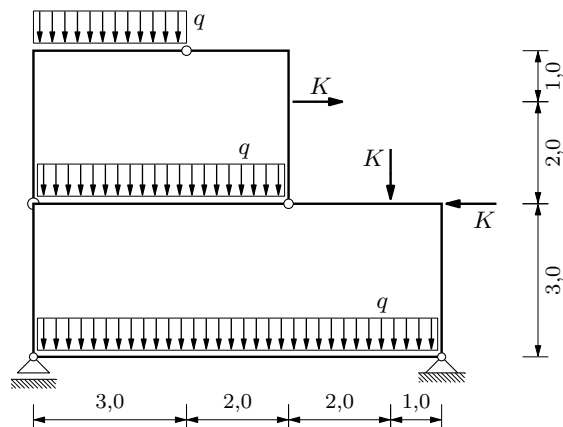


# GS 1. — 23. ožujka 2005.

1. Analitičkim postupkom nacrtajte  $M$  dijagram.

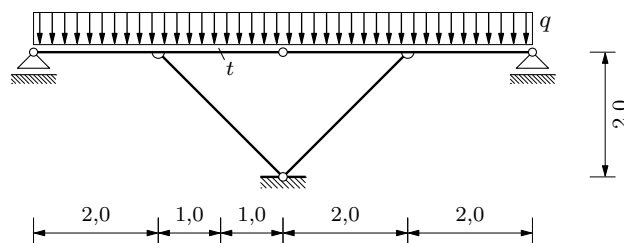
$$K = 120 \text{ kN}$$

$$q = 80 \text{ kN/m'}$$



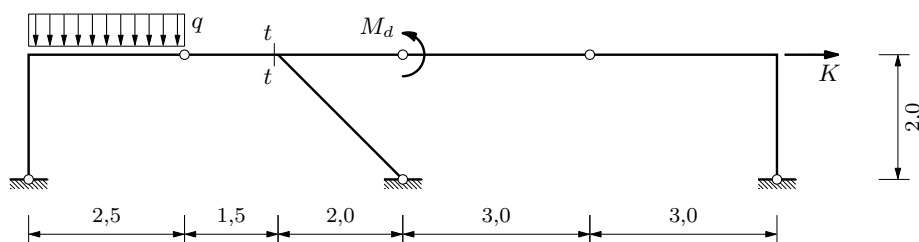
2. Grafičkim postupkom odredite sile u zadanom presjeku.

$$q = 80 \text{ kN/m'}$$



3. Pomoću utjecajnih linija izračunajte  $[M, T]_{t-t}$ .

$$K = 120 \text{ kN}, \quad q = 80 \text{ kN/m'}, \quad M_d = 75 \text{ kNm}$$



4. Odredite  $\alpha$  tako da je  $w(\ell/2) = 0$ .

$$EI = \text{const}$$

