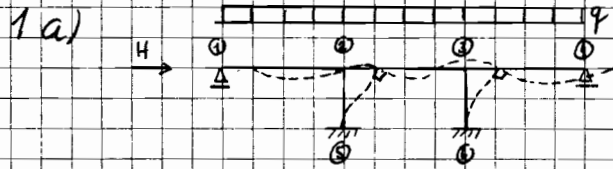


Bauwerk I + II

Lösung der Fernsprüfung

Hebbr. 06



b) $u = \frac{17 \text{ ql}^4}{4224 EI}$

2 a) $S = 43.47 \text{ kN}$

b) $S = 45 \text{ kN} \quad (EA_s/EI_B \rightarrow \infty)$

c) $w = 2.88 \text{ mm}$

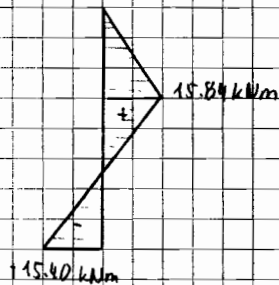
3 a) $M_F(u) = -47.8 \text{ kNm}$

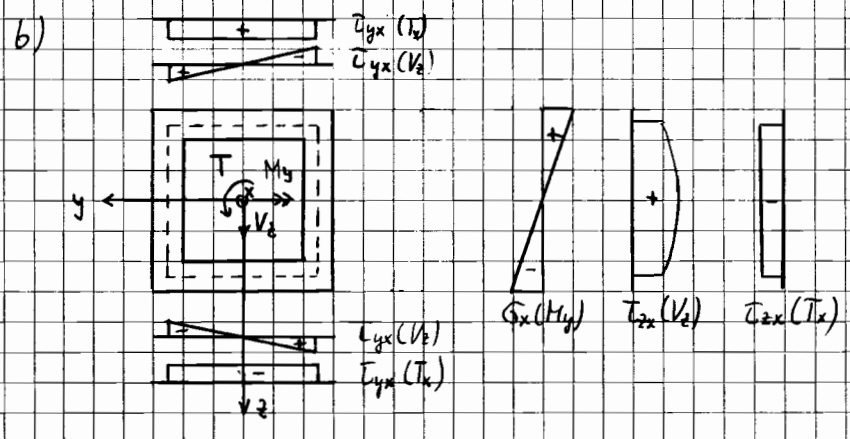
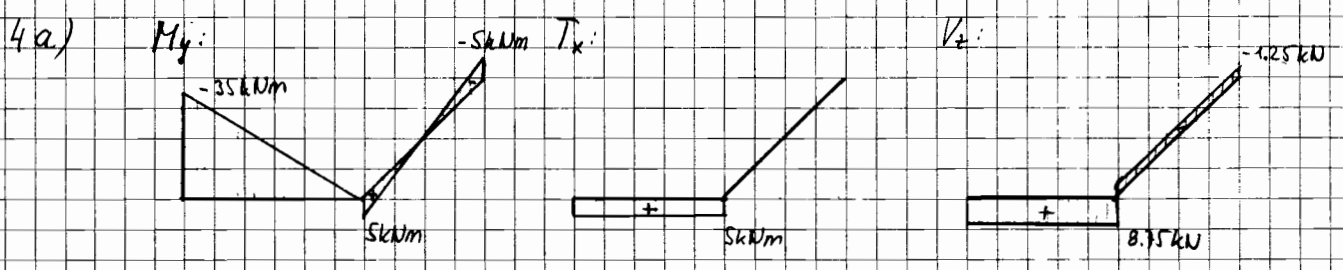
b) $M_F(u, F) = -41.3 \text{ kNm}$

c) $F_E = 10589 \text{ kN}$

$\alpha = 1.10$

$M^I(e_0, F)$:





5a) $H_u = \frac{4M_u}{3h}$

