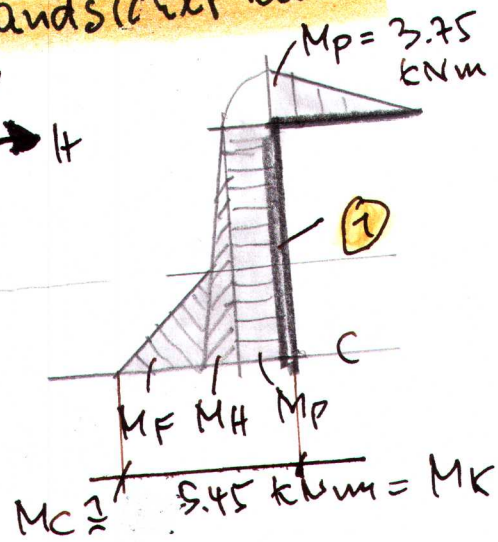
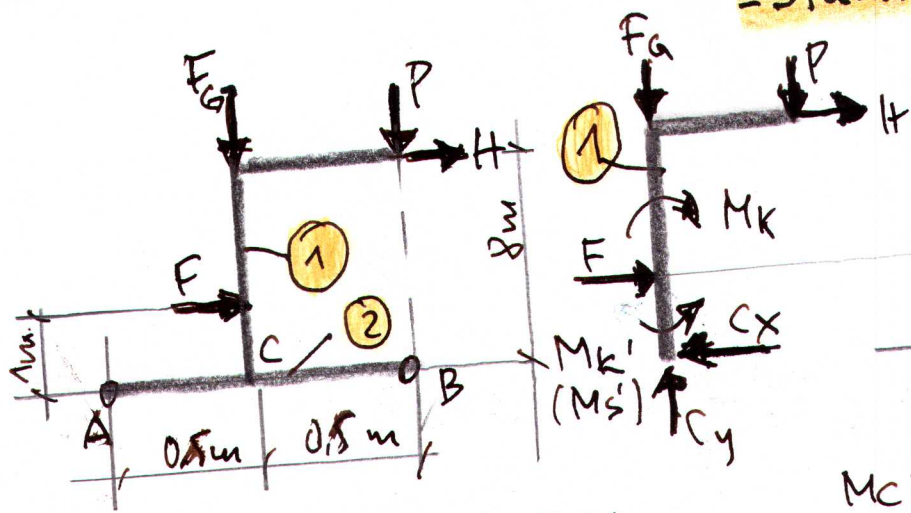
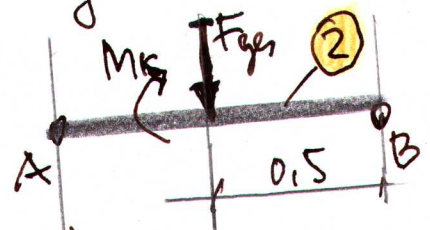


- Standsicherheit -



$P = 7.5 \text{ kN}$ $H = 0.15 \text{ kN}$
 $F_G = 1.5 \text{ kN}$ $F = 0.5 \text{ kN}$
 $g = 10 \text{ m/s}^2$

Forderung: $M_S = 1.3 \cdot M_K = 7.09 \text{ kNm}$



$M_S - F_{Gs} \cdot 0.5 = 0$ $[F_{Gs} = P + F_G + F_Z]$
 $F_Z = \text{Zusatzkraft}$ $F_{Gs} = \frac{M_S}{0.5} = 14.18 \text{ kN}$

$\rightarrow F_Z = 5.18 \text{ kN}$

Zusatzmasse: 518 kg

$A = 0$
 Das Standsmoment M_S
 entsteht erst in (2)

15.05.2021