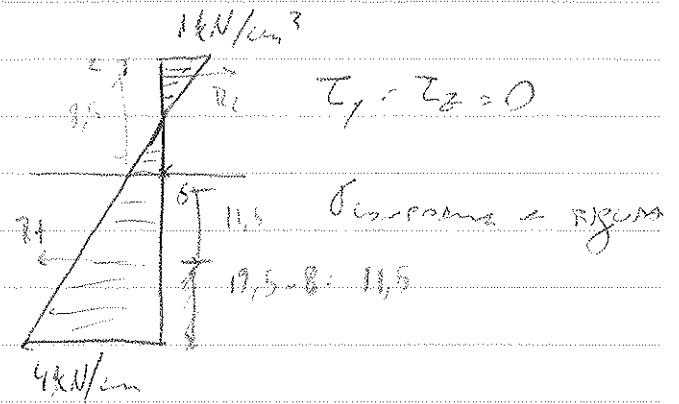
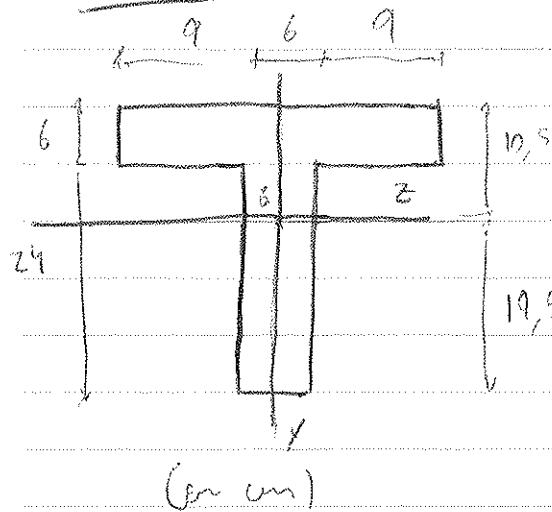


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EXERCÍCIO

ESFORÇOS SOLICITANTES



$$R_c = \frac{1}{2} \cdot 24 \cdot 6 = 72 \text{ kN}$$

$$R_t = \frac{1}{2} \cdot 4 \cdot 6 \cdot 24 = 288 \text{ kN}$$

$$M_z = R_t \cdot 11,5 + R_c \cdot 8,5 \Rightarrow M_z = 72 \cdot 8,5 + 288 \cdot 11,5$$

$$M_z = 3924 \text{ kNcm}$$

$$V_y = V_z = 0$$

$$M_z = 39,24 \text{ kNm}$$

$$M_y = M_x = 0$$

$$N = R_t - R_c = 216 \text{ kN} = N$$