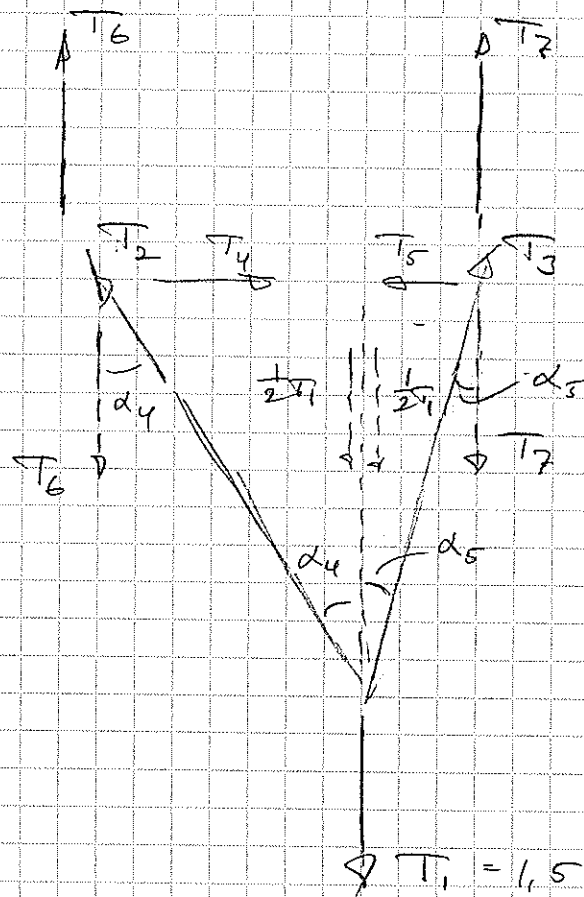


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TJP 24/8 2016



$$T_2 = \frac{\frac{1}{2}T_1}{\cos(\alpha_4)} = \frac{0,75}{\cos(31,0^\circ)} = 0,875 \text{ kN}$$

$$T_3 = \frac{\frac{1}{2}T_1}{\cos(\alpha_5)} = \frac{0,75}{\cos(12,5^\circ)} = 0,768 \text{ kN}$$

$$T_4 = \frac{1}{2}T_1 \cdot \tan(\alpha_4) = 0,75 \cdot \tan(31,0^\circ) = 0,451 \text{ kN}$$

$$T_5 = \frac{1}{2}T_1 \cdot \tan(\alpha_5) = 0,75 \cdot \tan(12,5^\circ) = 0,166 \text{ kN}$$

$$T_6 = T_2 \cdot \cos(\alpha_4) = 0,875 \cdot \cos(31,0^\circ) = 0,75 \text{ kN}$$

$$T_7 = T_3 \cdot \cos(\alpha_5) = 0,768 \cdot \cos(12,5^\circ) = 0,75 \text{ kN}$$