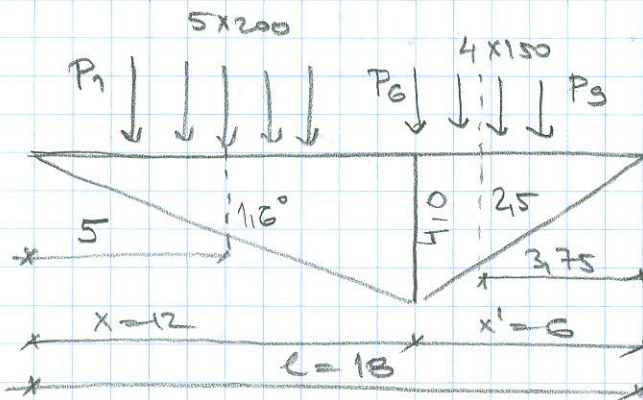


POLOŽAJ A:



$$\frac{R}{l} = \frac{5 \cdot 200 + 4 \cdot 150}{18} = 88,3^\circ$$

$$R_L = 5 \cdot 200 = 1000$$

$$R_D = 4 \cdot 150 = 600$$

$$\frac{R_L}{x} = \frac{1000}{12} = 83,3^\circ$$

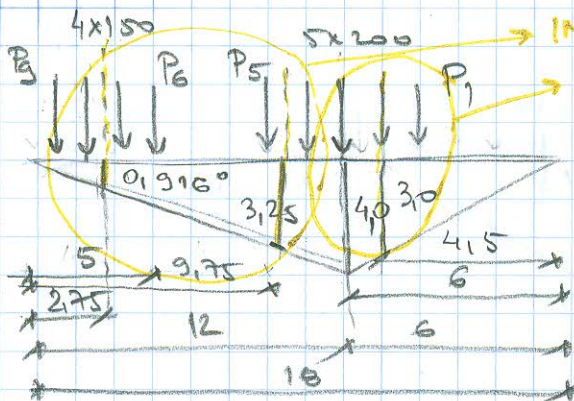
$$\frac{R_D}{x'} = \frac{600}{6} = 100^\circ$$

$$\left. \begin{array}{l} \frac{R_L}{x} = 83,3^\circ \\ \frac{R_D}{x'} = 100^\circ \end{array} \right\} < \frac{R}{l} = 88,3^\circ$$

$$Z_s = \sum R \cdot z(s, u_e) = (5 \cdot 200) \cdot 1,16 + (4 \cdot 150) \cdot 2,5 = 3166,6^\circ$$

POLOŽAJ B:

NA KRAJU IMAM 3 REZULTANTE



→ IMAM 2 REZULTANTE

→ IMAM 1 jer pripada jednoj grupi

$$R = 5 \cdot 200 + 4 \cdot 150 = 1600$$

$$\frac{R}{l} = \frac{1600}{18} = 88,3^\circ$$

$$R_L = 4 \cdot 150 + 2 \cdot 200 = 1000$$

$$R_D = 2 \cdot 200 = 400$$

$$\left. \begin{array}{l} \frac{R_L}{x} = \frac{1000}{12} = 83,3^\circ \\ \frac{R_D}{x'} = \frac{400}{6} = 66,6^\circ \end{array} \right\} < \frac{R}{l}$$

$$Z_s = (4 \cdot 150) \cdot 0,916 + (2 \cdot 200) \cdot 3,25 + 3 \cdot 200 \cdot 3 = 3650$$