



1. Short $U_{T24} \Rightarrow I_1 = \frac{0,6}{12+10+17} = 0,015$

$R_{T24} = 30 \parallel 40 = 17 \Omega$

2. Short $U_{T13} \Rightarrow I_2 = \frac{3/7}{12+10+17} = 0,011$

3. $I_{tot} = I_1 - I_2 = 0,004 A$

4. $R_{tot} = \frac{2V}{0,004} = 250 \Omega$