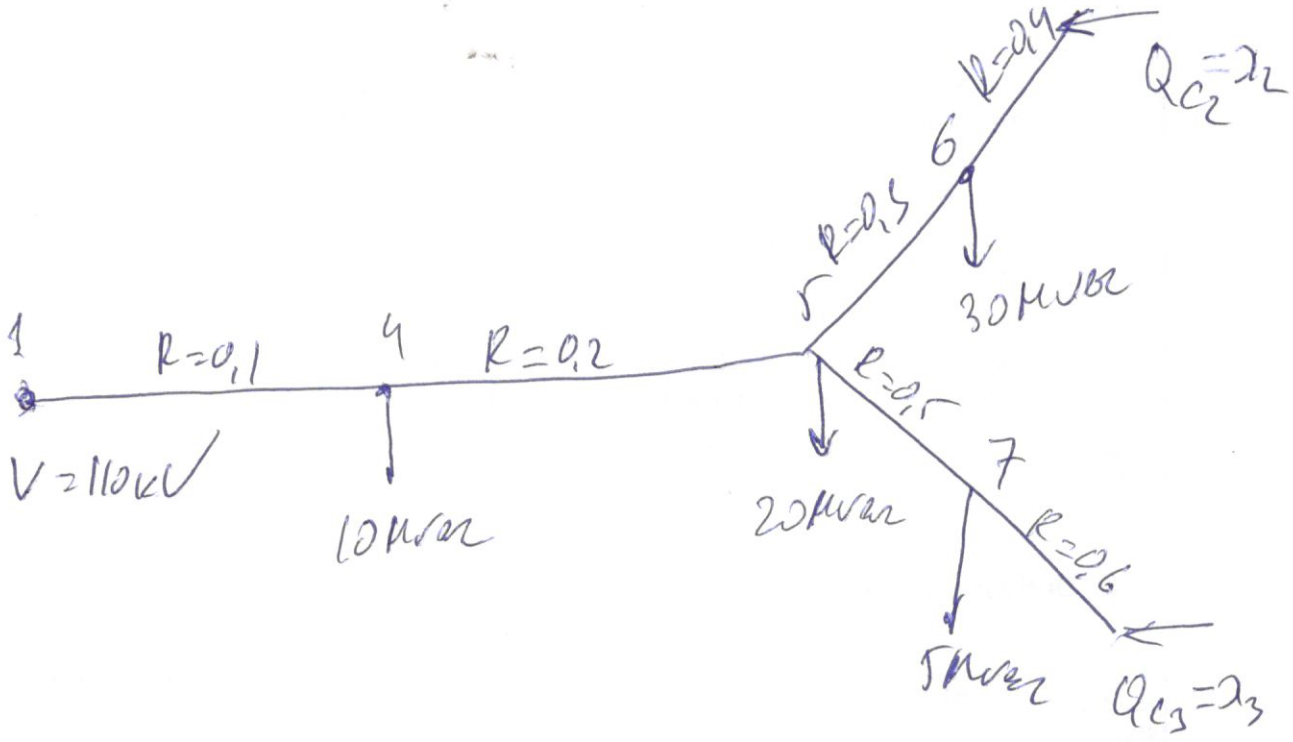

$$F(x_2, x_3) = \frac{1}{110^2}\cdot\left[(65 - x_2 - x_3)^2 \cdot 0{,}1 + \right.$$

$$+ (55 - x_2 - x_3)^2 \cdot 0{,}2 + (30 - x_2)^2 \cdot 0{,}3 +$$

$$\left. x_2^2 \cdot 0{,}4 + (5 - x_3)^2 \cdot 0{,}5 + x_3^2 \cdot 0{,}6\right] \longrightarrow \min$$

$$\frac{1}{110^2}\left[(65 - 5 - 0)^2 \cdot 0{,}1 + (55 - 5 - 0)^2 \cdot 0{,}2 + \right.$$

$$\left. + (30 - 5)^2 \cdot 0{,}3 + 5^2 \cdot 0{,}4 + (5 - 0)^2 \cdot 0{,}5 + 0^2 \cdot 0{,}6\right] -$$

$$- \frac{1}{110^2}\left[(65 - 0 - 0)^2 \cdot 0{,}1 + (55 - 0 - 0)^2 \cdot 0{,}2 + \right.$$

$$\left. + (30 - 0)^2 \cdot 0{,}3 + 0^2 \cdot 0{,}4 + (5 - 0)^2 \cdot 0{,}5 + 0^2 \cdot 0{,}6\right] =$$

$$= 0{,}0884 - 0{,}1082 = -0{,}0198 < 0.$$