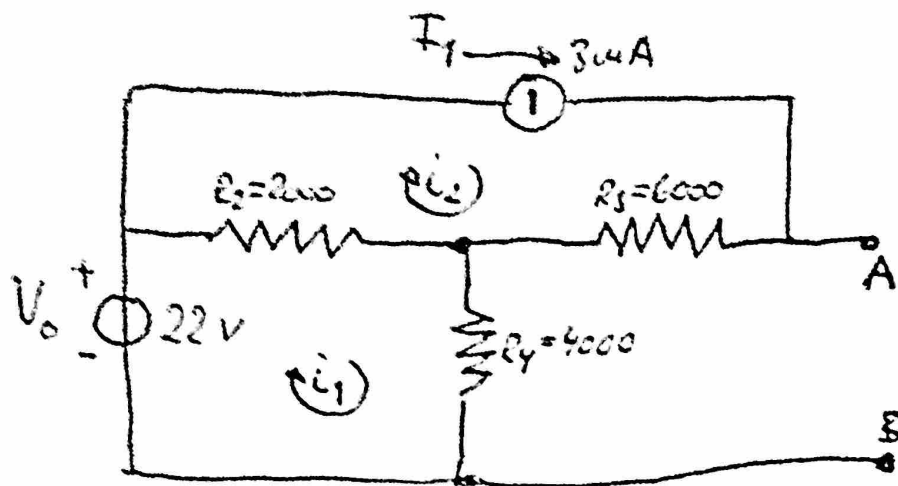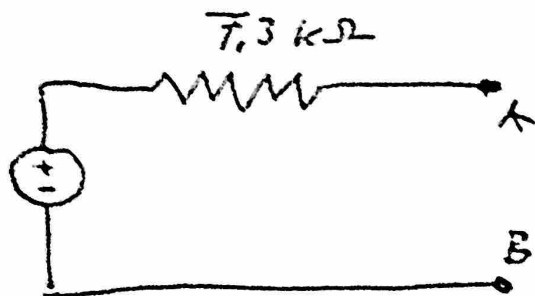$$R_{TH} = 2000 // 4000 + 6000$$

$$R_{TH} = \frac{R_2 \cdot R_4}{R_2 + R_4} = \frac{2000 \cdot 4000}{2000 + 4000} = \frac{8000\,000}{6000} + 6000$$

$$R_{TH} = 1333 \approx 1,3\,k\Omega + 6000 = 7,3\,\Omega$$

$$-V_o + R_2(i_1 - i_2) + R_4 \cdot i_1 = 0$$

$$-22 + 2000(i_1 - 0.003) + 2400 \cdot i_1 = 0$$

$$4400\,i_1 = 28$$

$$i_1 = \frac{28}{4400}$$

$$i_1 = 0.0063 \approx 6.3\,mA$$

$$V_{TH} = 0.0063 \cdot \frac{R_3 \cdot R_4}{R_3 + R_4} \Rightarrow 0.0063 \cdot \frac{6000 \cdot 4000}{6000 + 4000}$$

$$V_{TH} = 0.0063 \cdot 2400$$

$$U_{TH} = 15,12\,V$$