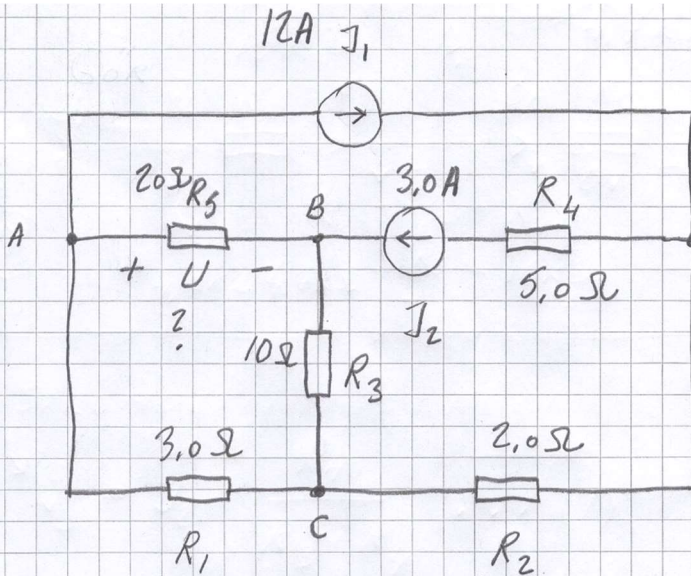


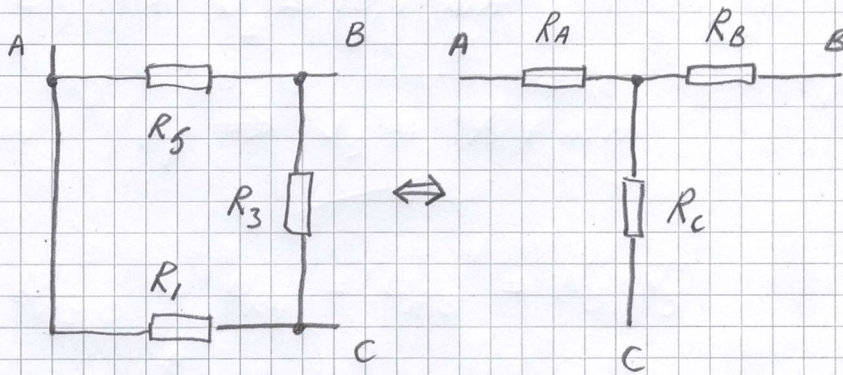
04



LÖSNING MED D/Y-TRANSFORMATION

GÖR OM D-KOPPLINGEN A-B-C

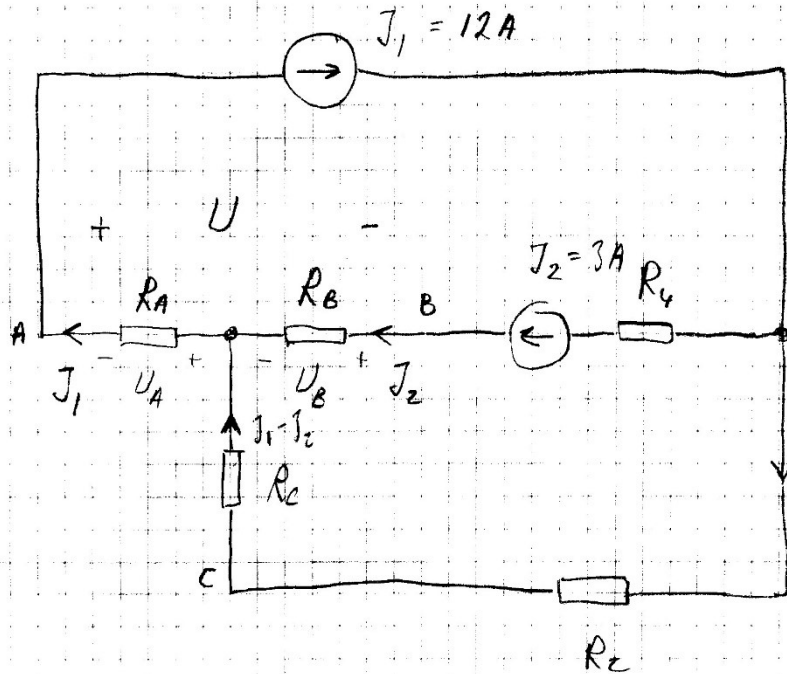
TILL EN EKVIVALENT Y-KOPPLING



$$R_A = \frac{R_1 R_5}{R_1 + R_3 + R_5}$$

$$R_B = \frac{R_3 R_5}{R_1 + R_3 + R_5}$$

$$R_C = \frac{R_1 R_3}{R_1 + R_3 + R_5}$$



$$U = -(U_A + U_B) \dots (1)$$

OBS!

$$U_A = R_A J_1 = \left/ R_A = \frac{R_1 R_5}{R_1 + R_5 + R_3} \right/ \approx$$

$$\approx 1,82 \cdot 12 \approx 21,8 \text{ V}$$

$$U_B = R_B J_2 = \left/ R_B = \frac{R_3 R_5}{R_1 + R_3 + R_5} \right/ \approx$$

$$\approx 6,06 \cdot 3 \approx 18,2 \text{ V}$$

$$\text{INS. 1 (1)} \Rightarrow \underline{U \approx -40 \text{ V}}$$