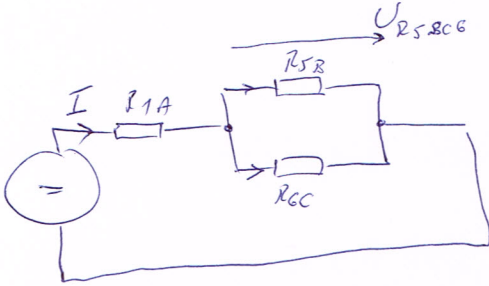


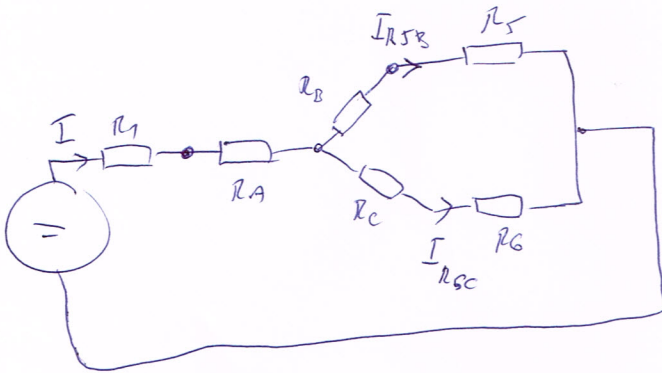
$$U_{RSBG} = I \cdot R_{SBGC}$$



$$I_{RSB} = \frac{U_{RSBG}}{R_{SB}}$$

$$I_{RGC} = \frac{U_{RSBG}}{R_{GC}}$$

$$(I = I_{RSB} + I_{RGC})$$



$$I_{R1} = I \quad \checkmark$$

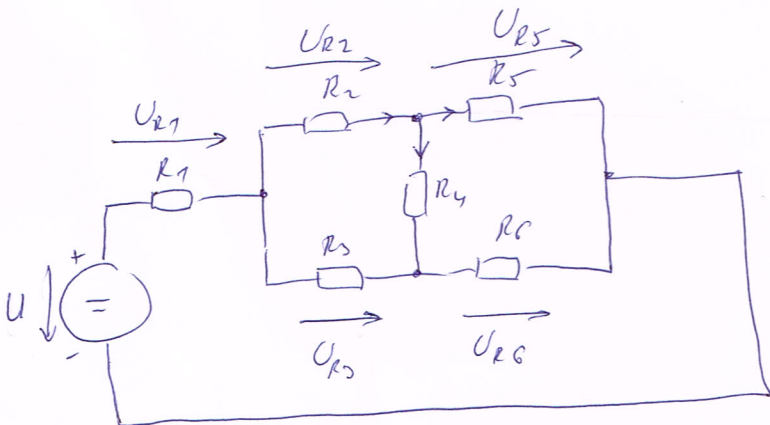
$$I_{R5} = I_{RS5} \quad \checkmark$$

$$I_{R6} = I_{R6C} \quad \checkmark$$

$$U_{R1} = I \cdot R_1$$

$$U_{R5} = I_{R5} \cdot R_5$$

$$U_{R6} = I_{R6} \cdot R_6$$



$$U_{R1} + U_{R2} + U_{R5} - U = 0$$

$$U_{R2} = U - U_{R1} - U_{R5}$$

$$I_{R2} = \frac{U_{R2}}{R_2} \quad \checkmark$$

$$I_{R4} = I_{R2} - I_{R5}$$

$$U_{R1} + U_{R3} + U_{R6} - U = 0$$

$$U_{R4} = I_{R4} \cdot R_4$$

$$U_{R3} = U - U_{R1} - U_{R6}$$

$$I_{R3} = \frac{U_{R3}}{R_3}$$