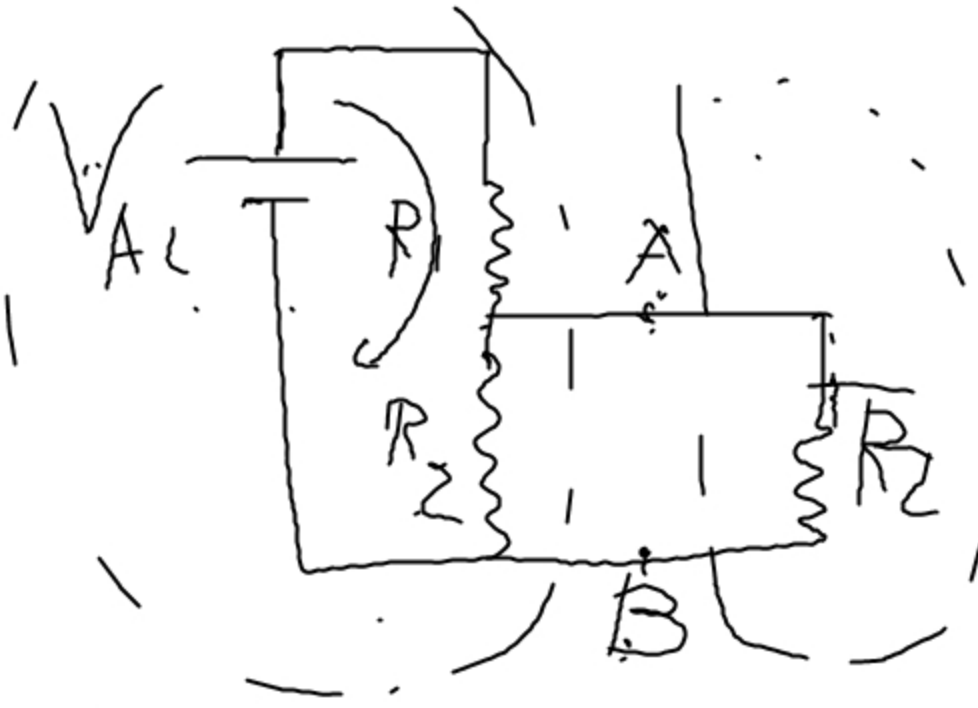
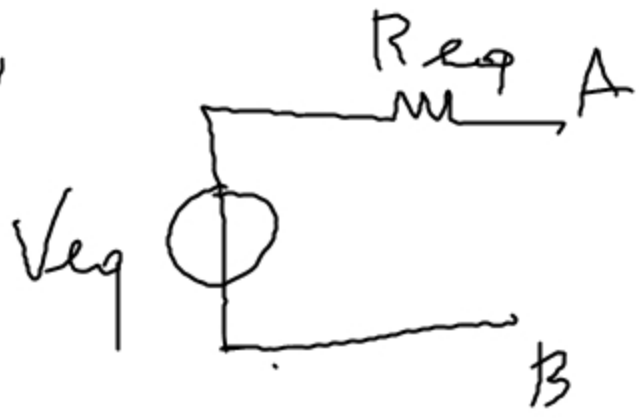
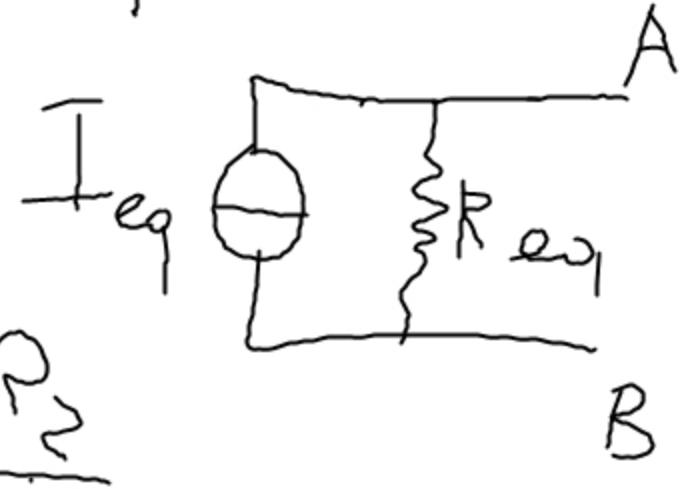
THEVENIN





NORTON



$$V_{AB} = V_{eq} = \frac{V_{AL} \cdot R_2}{R_1 + R_2}$$

$$I = \frac{V_{AL}}{R_1 + R_2} \Rightarrow V_{AB} = I \cdot R_2 = \frac{V_{AL}}{R_1 + R_2} \cdot R_2$$

$R_{eq} = R_1 // R_2$

$$I_{eq} = \frac{V_{AB}}{R_2}$$

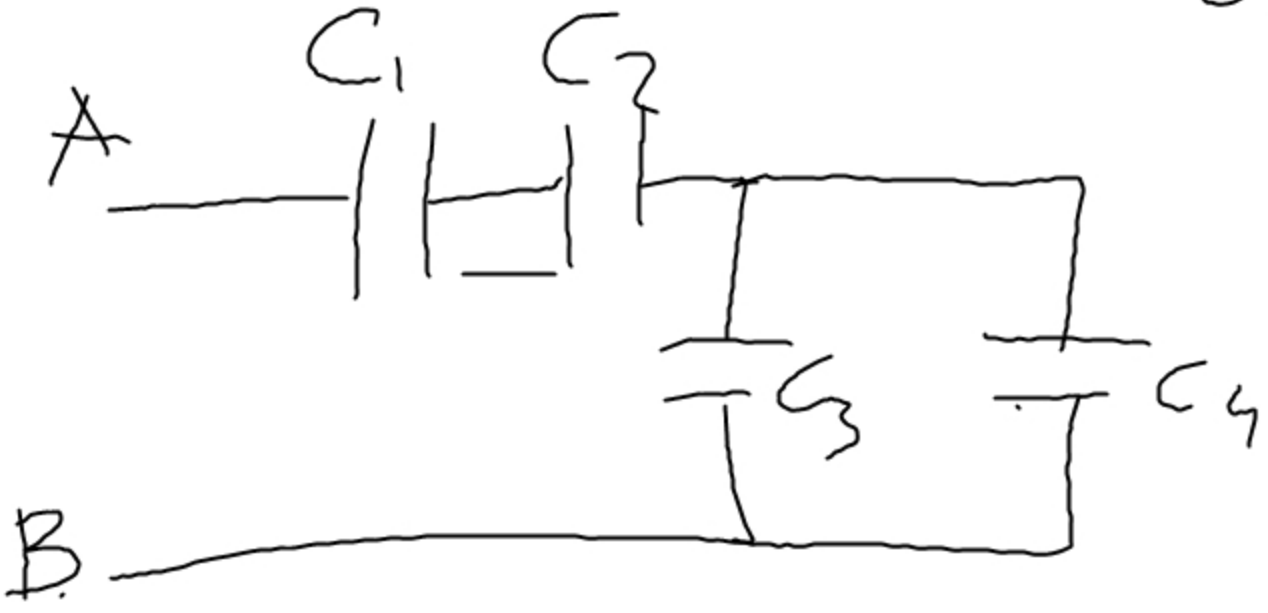
A

$$I_L = \frac{V_{eq}}{R_{eq} + R_L}$$

$V_{AB} = R_L \cdot I_L$

$= I_{eq} \cdot R_{eq}$

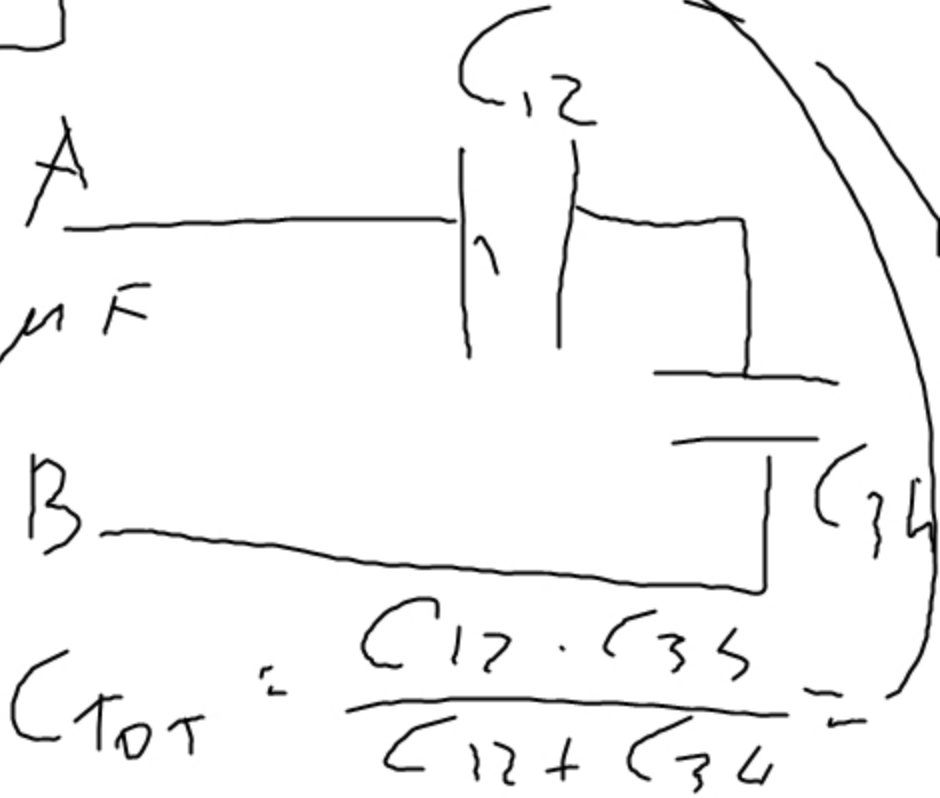
$I_{eq} = \frac{V_{AB}}{R_2}$



$C_1 = C_2 = C_3 = C_4 = 1\,\mu F$

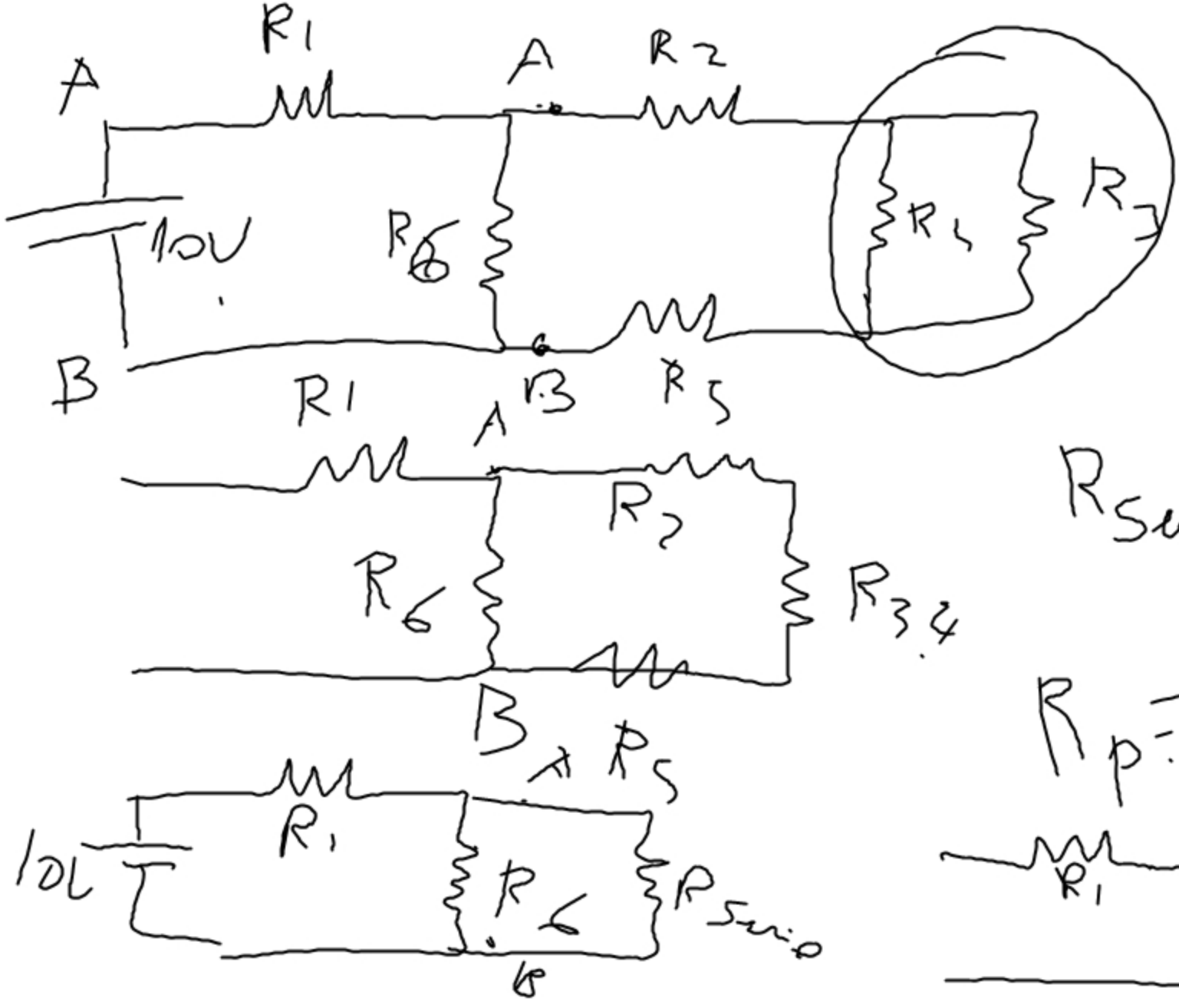
$C_{12} = \frac{C_1 \cdot C_2}{C_1 + C_2} = \frac{1}{2}\,\mu F$

$C_{34} = C_3 + C_4 = 2\,\mu F$



$C_{TOT} = \frac{C_{12} \cdot C_{34}}{C_{12} + C_{34}} =$

$C_{TOT} = \frac{0,5 \cdot 2}{0,5+2}\,\mu F = \frac{1}{2,5}\,\mu F = 4\,\mu F$



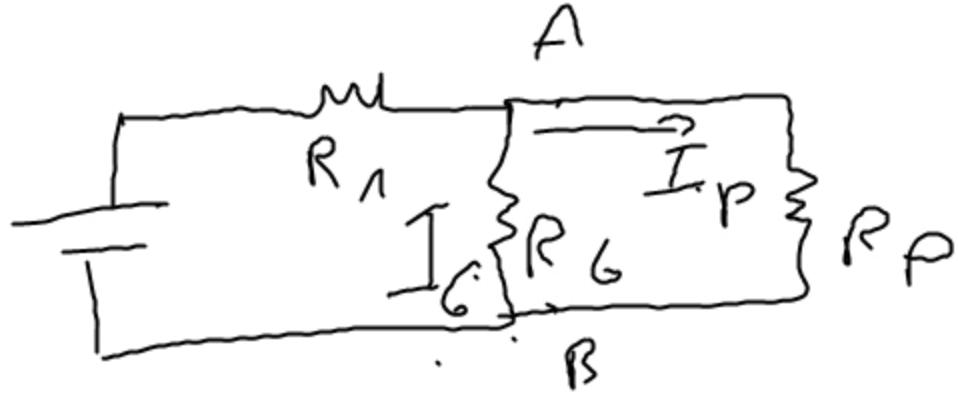
$$R_{3,4} = \frac{R_4 \cdot R_3}{R_3 + R_4}$$

$$R_{Serie} = R_2 + R_{3,4} + R_5$$

$$R_p = R_6 // R_{Serie}$$

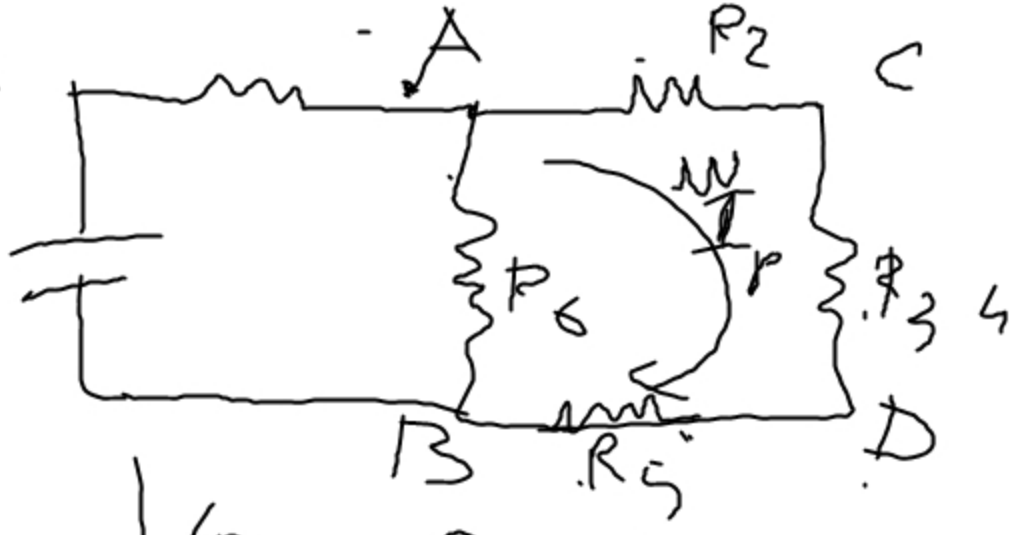
$$R_T = R_1 + R_p$$

$$V_{AB} = \frac{V_{AL} \cdot R_6}{R_1 + R_6}$$



$$I_6 = \frac{V_{AB}}{R_6}$$

$$I_p = \frac{V_{AB}}{R_p}$$



$$V_{CD} = V_{AB} - V_{AC}$$

$$V_{R2} = R_2 \cdot \frac{I}{p}$$

$$V_{R5} = R_5 \cdot I_p$$

V_{BD}