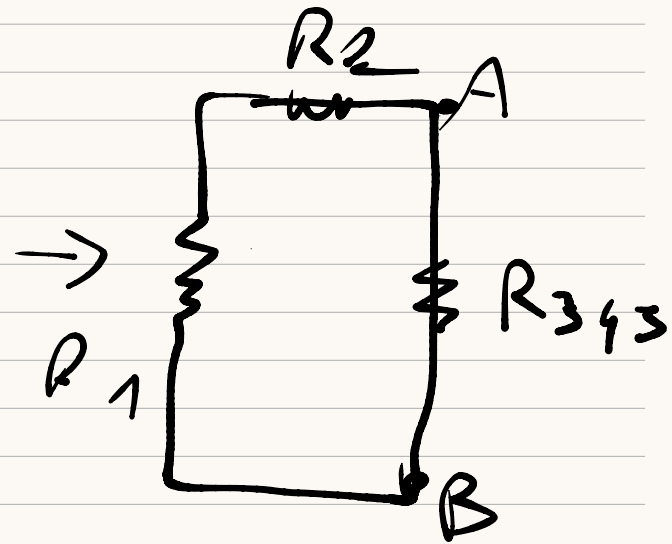
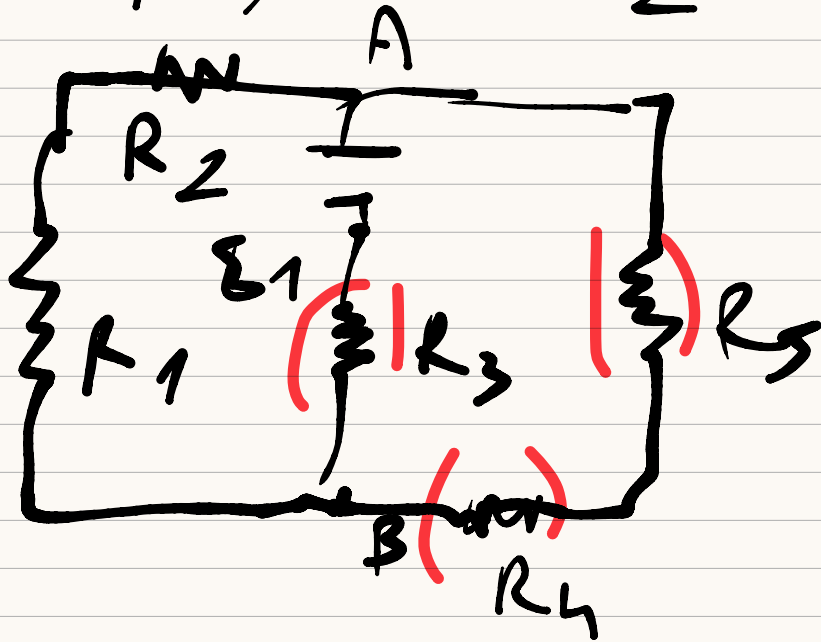


$\mathcal{E}_1$  /  $\sim$   $\mathcal{E}_2$

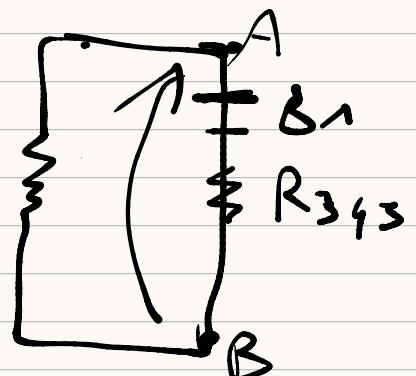
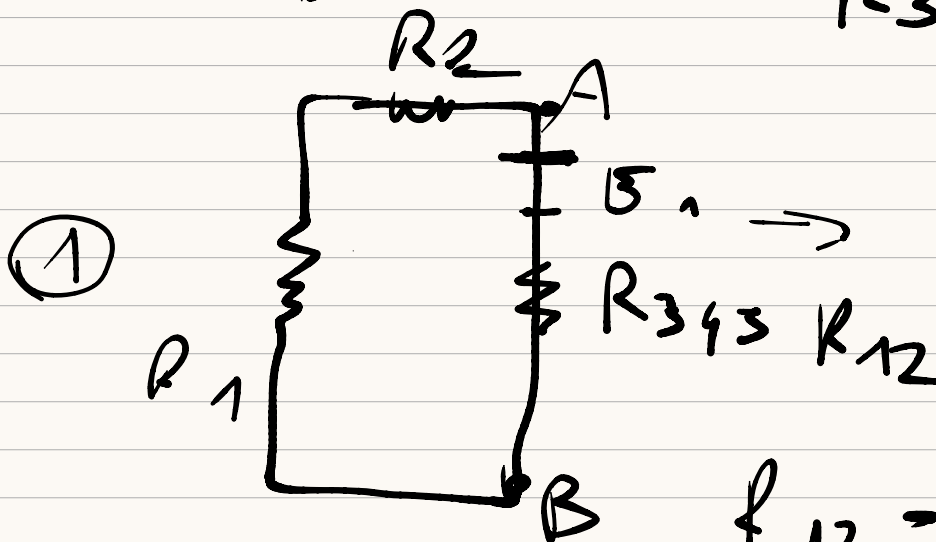


$$R_{343} = R_3 // R_4 // R_5$$

$$I_1 = V_1 \cdot R_1$$

$$I_1 = V_{AB} \cdot R_1$$

$$= \frac{1}{\frac{1}{R_3} + \frac{1}{R_4} + \frac{1}{R_5}}$$

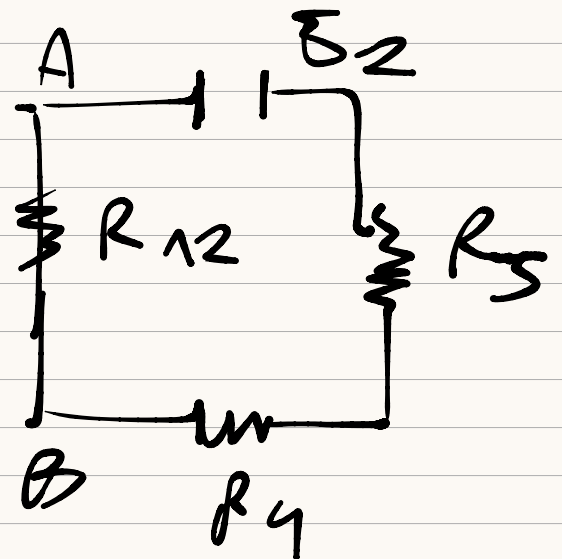
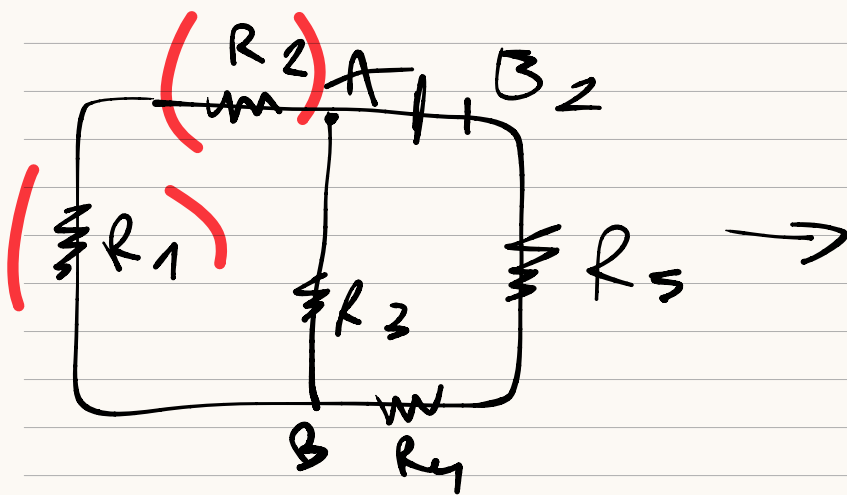
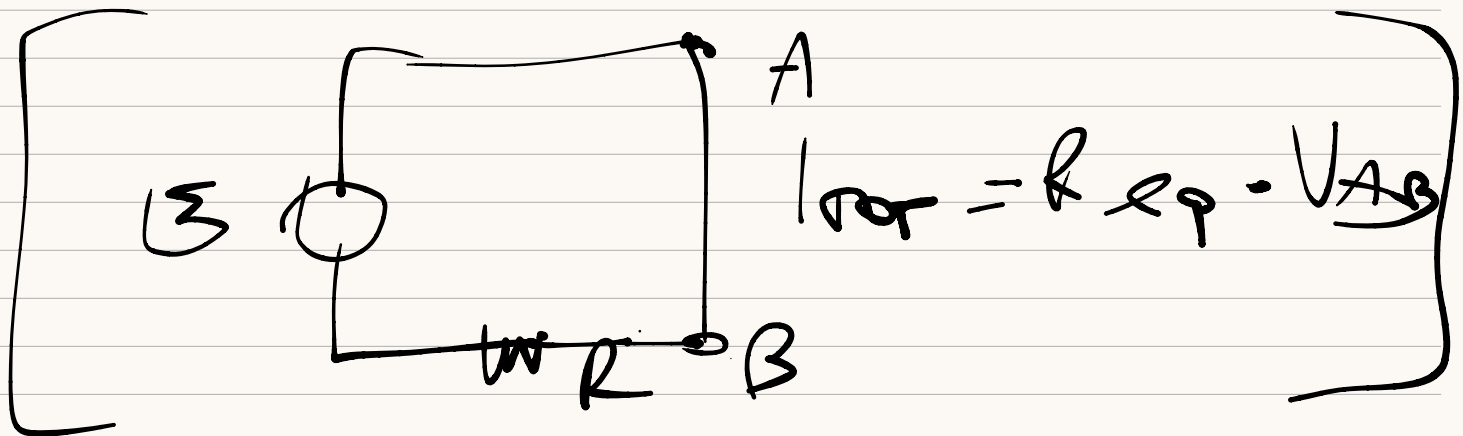


$$R_{12} = R_1 + R_2$$

PARALLEL

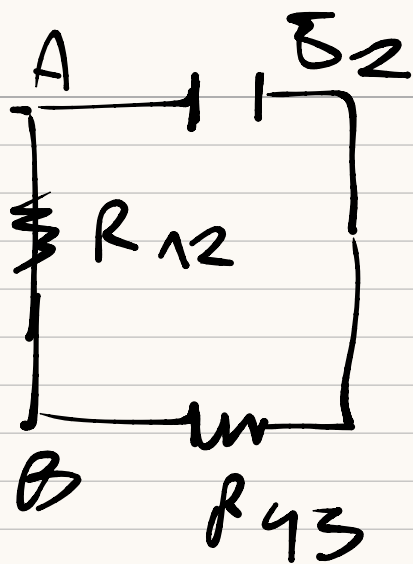
$$\rightarrow [V_{AB}] = \mathcal{E}_1 \cdot \underbrace{R_{12} + R_{343}}_{R_{eq}}$$

$$\begin{cases} I_1' = V_{AB} \cdot R_1 \\ I_2' = V_{AB} \cdot R_2 \end{cases} \quad [V_{AB} = \mathcal{E}_1 \cdot R_{eq}]$$



$$R_{12} = R_1 + R_2$$

$$\left\{ R_x // R_y = \frac{1}{\frac{1}{R_x} + \frac{1}{R_y}} \text{ OR } \frac{R_x \cdot R_y}{R_x + R_y} \right\}$$



$$R_{45} = R_4 + R_5$$

$$[V_{AB}] = E_2 \cdot \frac{R_{12} + R_{45}}{R_{12} \cdot R_{45}}$$

$$I_1'' = V_{AB} \cdot R_1$$

$$I_2'' = V_{AB} \cdot R_2$$

$$I_3'' = V_{AB} \cdot R_3$$

← source

② 1<sup>o</sup> pr.  $\rightarrow \sum I = 0$

③ 2<sup>o</sup> pr.  $\rightarrow \sum V = 0$

$$[I_1 = I_2 + I_3]$$

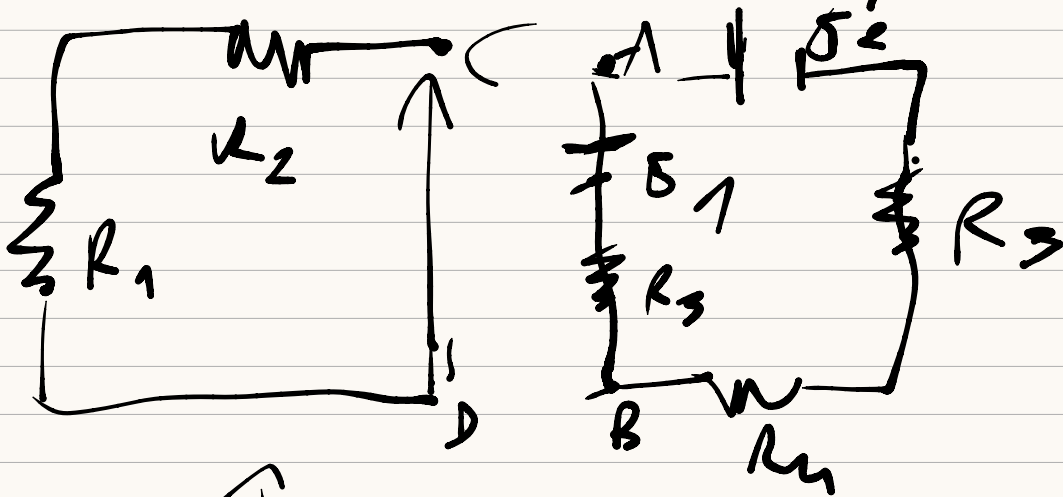
$$[I_1 + I_2 + I_3] = 0$$

// per tensione stessa

④ Tutti valori quanti le maglie

$\rightarrow$  se tutti lo  $\emptyset$ ,  
 sarebbero " $n-1$ "  
 $n \geq 0$ , il n. di maglie

(5) MAGLIA  $\rightarrow$  percorso chiuso  
 che unisce più rami



$\uparrow$  Chiusura e vuoto  
 $\rightarrow$  Corrente nulla  
 (corrente nulla)

