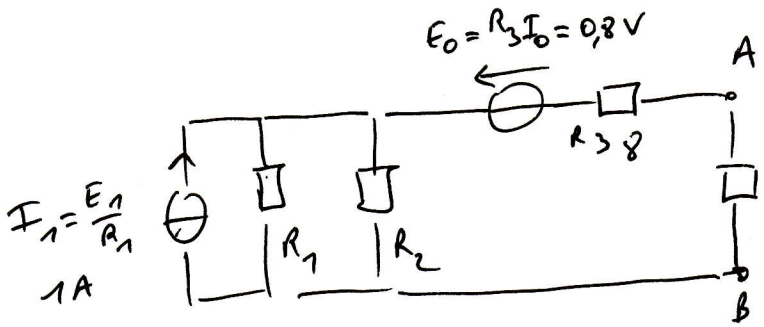
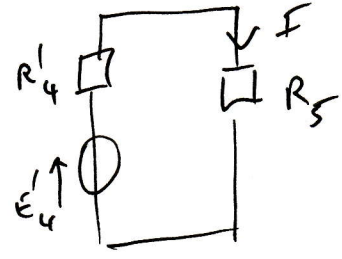
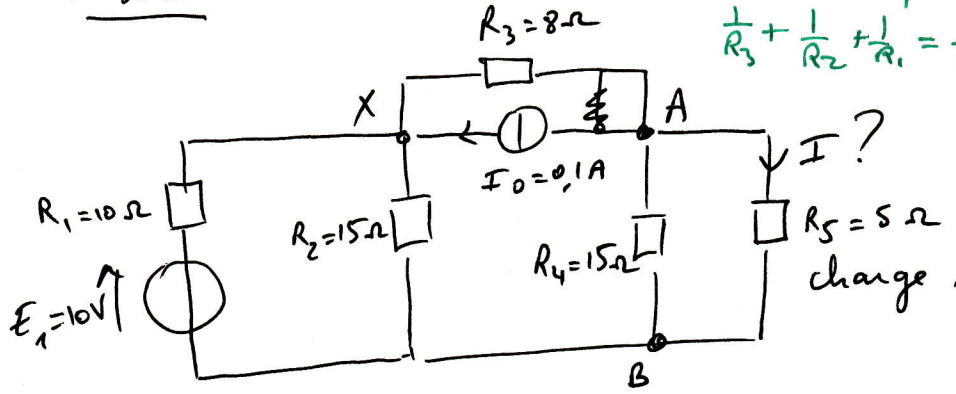


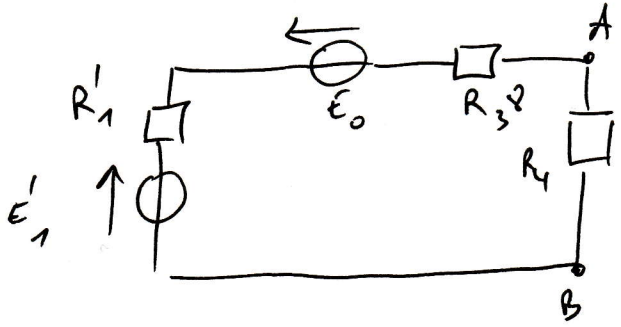
Réseau

$$\frac{1}{R_3} + \frac{1}{R_4} + \frac{1}{R_5} = \frac{1}{R'_1} \Rightarrow R'_1 = 2,55 \Omega$$

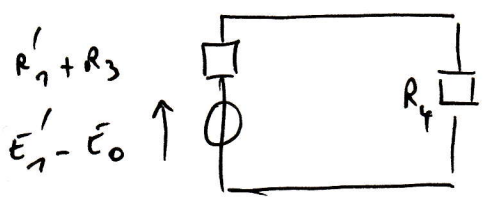
$$\frac{1}{R_3} + \frac{1}{R_2} + \frac{1}{R_1} = \frac{1}{R'_2} \rightarrow R'_2 = 3,44 \Omega$$



$$R'_2 = R_1 \parallel R_2 = 6 \Omega$$

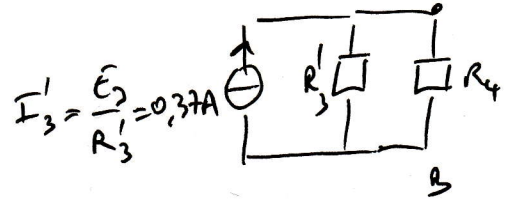


$$E'_1 = R'_1 I_1 = 6 \times 1 = 6 \text{ V}$$

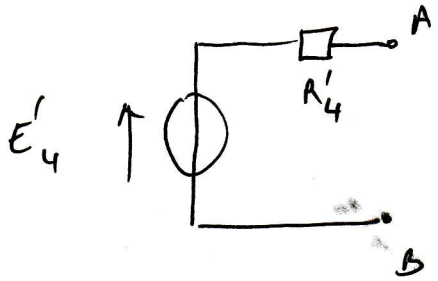


$$E_3 = E'_1 - E_0 = 6 - 0,8 = 5,2 \text{ V}$$

$$R'_3 = R'_1 + R_3 = 6 + 8 = 14 \Omega$$



$$R'_3 \parallel R_4 = R'_4 = 7,2 \Omega$$



$$E'_4 = R'_4 I'_3 = 2,66 \text{ V}$$

$$I = \frac{E'_4}{R'_4 + R_5} = \frac{2,66}{7,2 + 5} = 0,22 \text{ A}$$