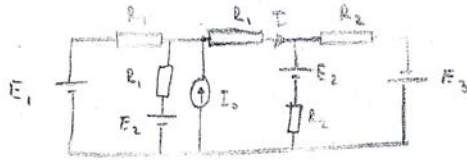
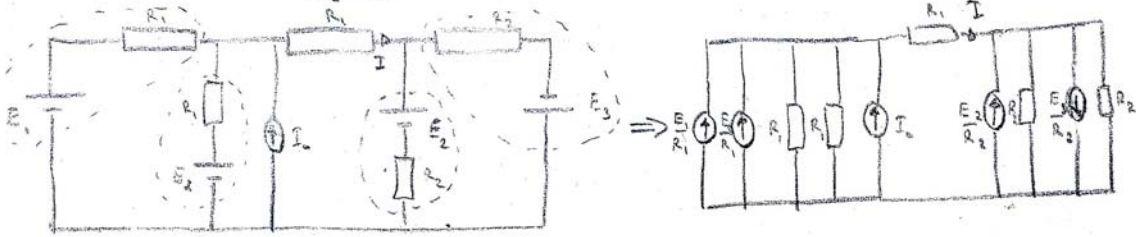


A1,17 Gesetz:
Kreuz:

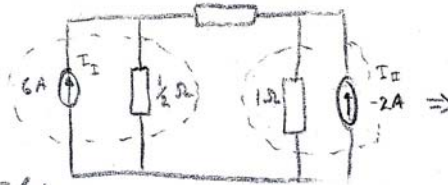
Schl: [Berzho-stromen]



$R_1 = 1\Omega$ $E_1 = 3V$ $I_0 = 1A$
 $R_2 = 2\Omega$ $E_2 = 2V$
 $E_3 = 6V$

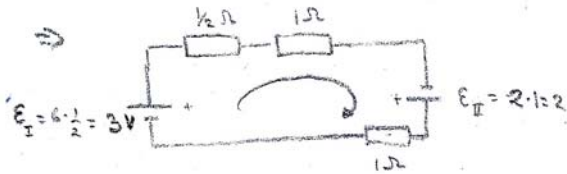


$\Rightarrow R_1 // R_1 = \frac{1 \cdot 1}{1+1} = \frac{1}{2}$
 $R_2 // R_2 = \frac{2 \cdot 2}{2+2} = \frac{4}{4} = 1$



$I_I = \frac{E_1}{R_1} + \frac{E_2}{R_2} + I_0 = 3 + 2 + 1 = 6A$

$I_{II} = \frac{E_2}{R_2} - \frac{E_3}{R_2} = 1 - 3 = -2A$



$KII: 3 - I \cdot \frac{1}{2} - I \cdot 1 - I \cdot 1 + 2 = 0$
 $5 = I \frac{5}{2} \Rightarrow I = \frac{10}{5} = \underline{\underline{2A}}$