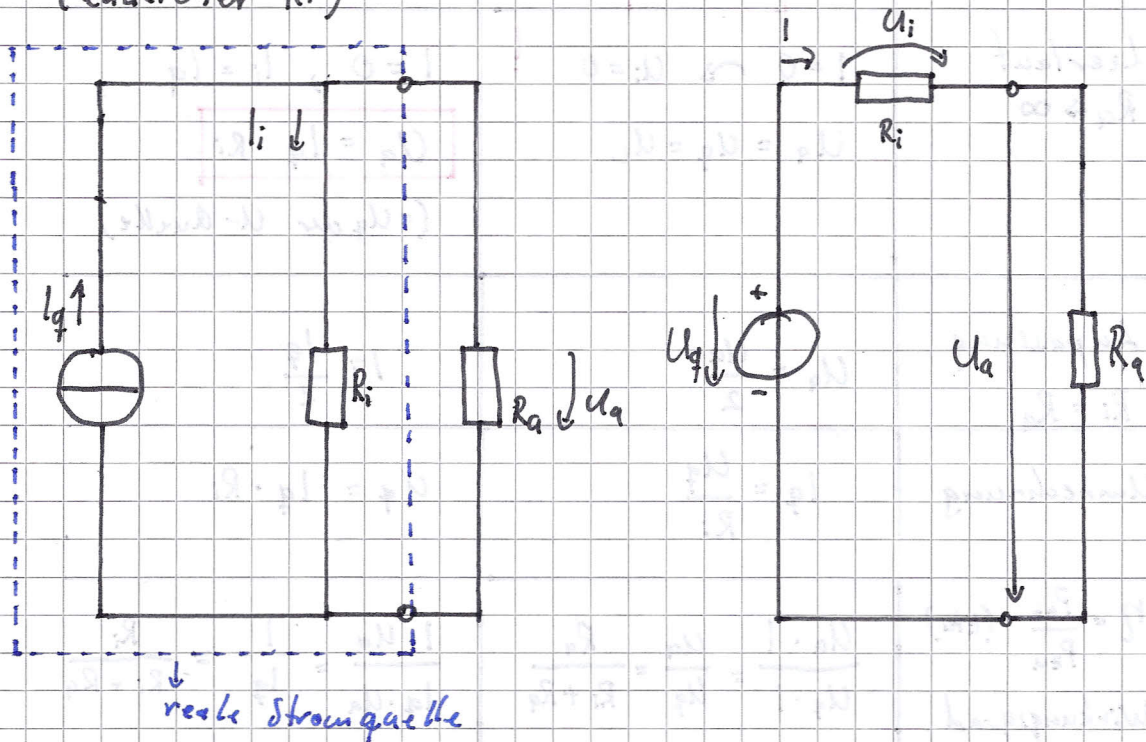
 } veraltetes Symbol der idealen Stromquelle

$$\textcircled{a} \rightarrow I_k = \frac{U_q}{R_i} = \text{const.} = \frac{U_{q2}}{R_{i2}} \rightarrow \textcircled{b}$$

$\textcircled{c} \rightarrow U_q \rightarrow \infty, R_i \rightarrow \infty \rightarrow$ ideale Stromquelle

reale Stromquelle

(endlicher R_i)



$$\frac{U_q}{R_i} = I + \frac{U_a}{R_i} \quad \begin{matrix} \text{:R} \\ \leftarrow \end{matrix} \quad U_q = R_i \cdot I + U_a \quad \Rightarrow \text{Maschensatz}$$

$$I_q = I_i + I \quad I_q = \frac{U_q}{R_i} = \frac{U_a}{R_i} + I = I_k \quad U_q = I_q \cdot R_i = U_L$$

$$\frac{U_q}{R_i} = I_q = I_k$$