

$$R_1, R_2, R_3, R_4 \quad R = \frac{l}{\mu_0 S}$$

Es. $Q_1 = \frac{2 \cdot 10^{-3}}{4 \pi \cdot 10^{-9} \cdot 300,3 \cdot 10^2} = 5 \cdot 10^9$

$$\tilde{n} \cdot 33 \mu_0 = 999,96 \approx 10000$$

$$N_2 I_2 : R_{eq2} \quad \Phi_{T22} = \frac{N_2 I_2}{R_{eq2}} \quad \Phi_{T32}$$

(Mittelwert der gemessenen positiven bis negativen PC.)

$$N_3 I_3 : R_{eq3} \quad \Phi_{T33} = \frac{N_3 I_3}{R_{eq3}} \quad \Phi_{T23}$$

(PC.)

$$\Phi_{C33} = N_3 \Phi_{T33} \rightarrow L_3$$

$$\Phi_{C22} = N_2 \Phi_{T22} \rightarrow M_{22} = M_{\Delta 2} \Leftarrow 1^\circ$$

$$\Phi_{22} = N_2 \Phi_{T22} \rightarrow L_2$$

$$W_L = \frac{1}{2} L_1 I_1^2 + \frac{1}{2} L_2 I_2^2 + M_{\Delta 2} I_1 I_2 \Leftarrow 2^\circ$$

$$\Phi_{T r_1} = \quad W_{T r} = \frac{\Phi_{T r} R_{T r}}{2}$$

$$\Phi_{T r_2} =$$

$$\Phi_{T r_3} =$$

$$\Phi_{T r_4} =$$

$$B \Rightarrow \frac{B^2}{2 \mu_0}$$