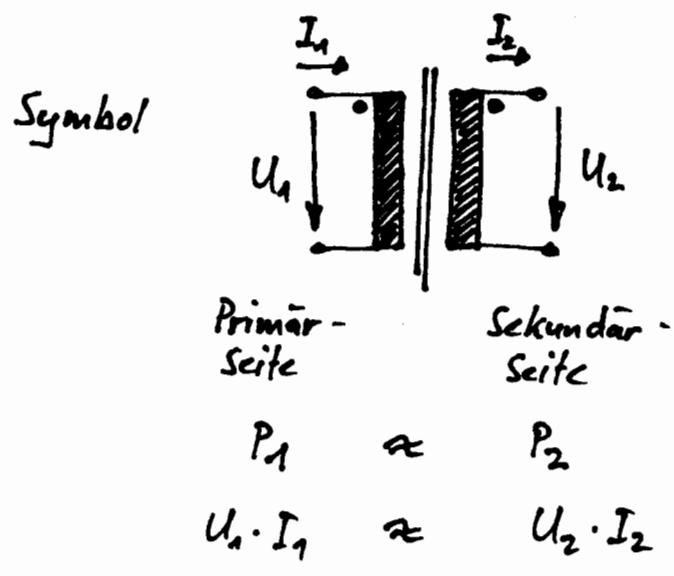
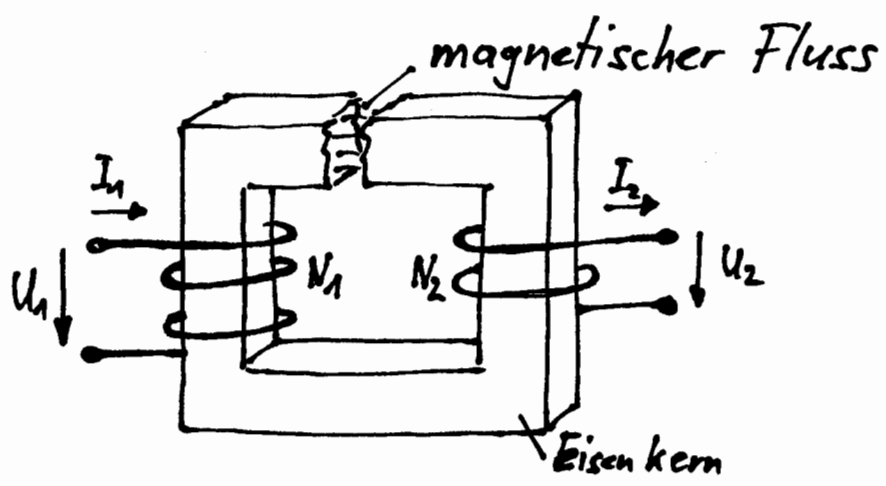


# Transformator



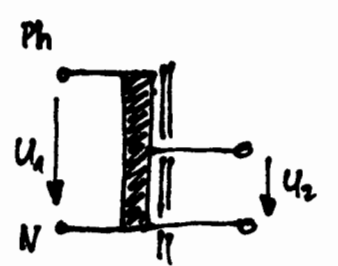
$$\frac{U_1}{U_2} = \frac{N_1}{N_2}$$

$$\frac{I_1}{I_2} = \frac{N_2}{N_1}$$

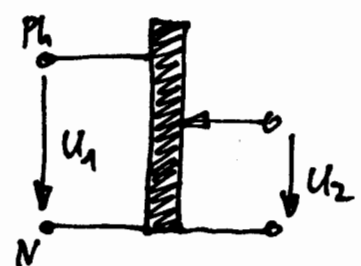
Wirkungsgrad:

$$\eta = \frac{P_2}{P_1} (> 90\%)$$

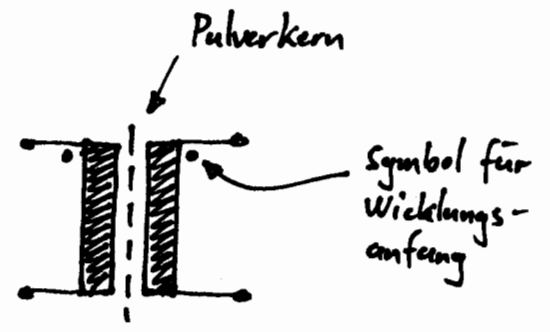
andere Bauarten:



Spartrafo  
Achtung keine  
Netztrennung!



Regeltrafo



Hochfrequenztrafo