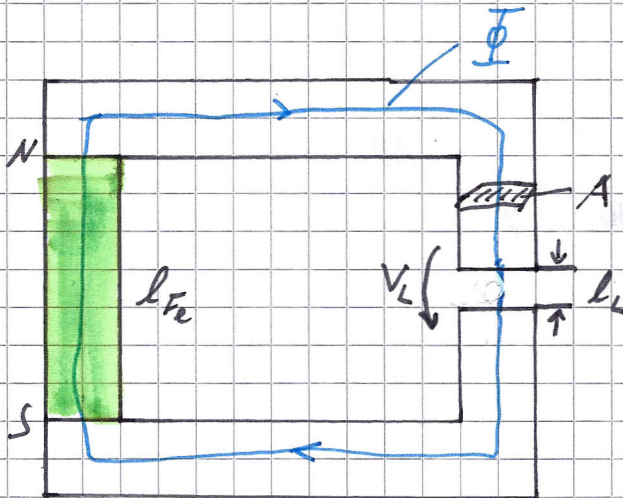


mit Permanentmagnet



→ Permanentmagnet

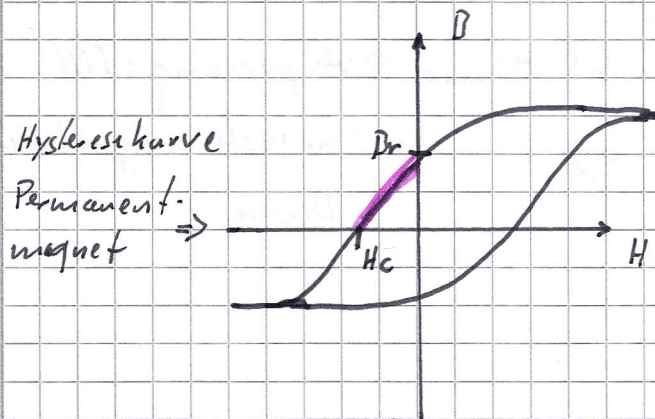
$$\mu_r = \infty$$

$$R_{im} \rightarrow 0$$

$$\mathcal{H} = 0$$

$$\oint H dl = -V_{Fe} + V_L$$

$$V_{Fe} = V_L$$



Hysteresekurve  
Permanentmagnet →

— Entmagnetisierungskurve

$$V_{Fe} = V_L$$

$$H_{Fe} \cdot l_{Fe} = H_L \cdot l_L = \frac{B_L}{\mu} \cdot l_L$$

$$B_L = \mu_0 \cdot H_L$$

$$\frac{B_L}{\mu} \cdot l_L = H_{Fe} \cdot l_{Fe}$$

$$B_L = \mu_0 \frac{l_{Fe}}{l_L} \cdot H_{Fe}$$

↓  
Konstante → Geradengleichung