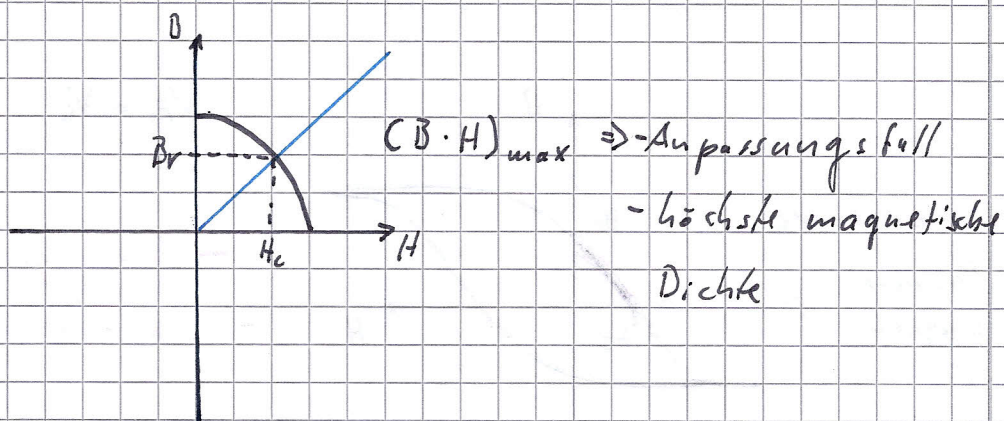
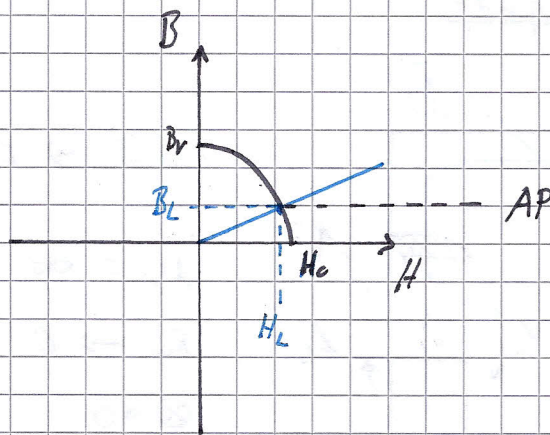


- Magnet
- Luft



### magnetischer Zweipol

- Leerlaufspannung  $\rightarrow H_c \cdot l_{Fe} = V_c \rightarrow$  analog  $U_0$
- Kurzschlussfluss  $\rightarrow \Phi_K = B_r \cdot A_{Fe} \rightarrow$  analog  $I_K$
- innerer Widerstand  $\rightarrow R_{mi} = \frac{V_c}{\Phi_K} \rightarrow$  analog zu  $R_i$
- Luftwiderstand magn.  $\rightarrow R_{mL} = \frac{V_L}{\Phi_L} \rightarrow$  analog zu  $R_L$

$$R_{mi} = \frac{H_c \cdot l_{Fe}}{B_r \cdot A_{Fe}}$$