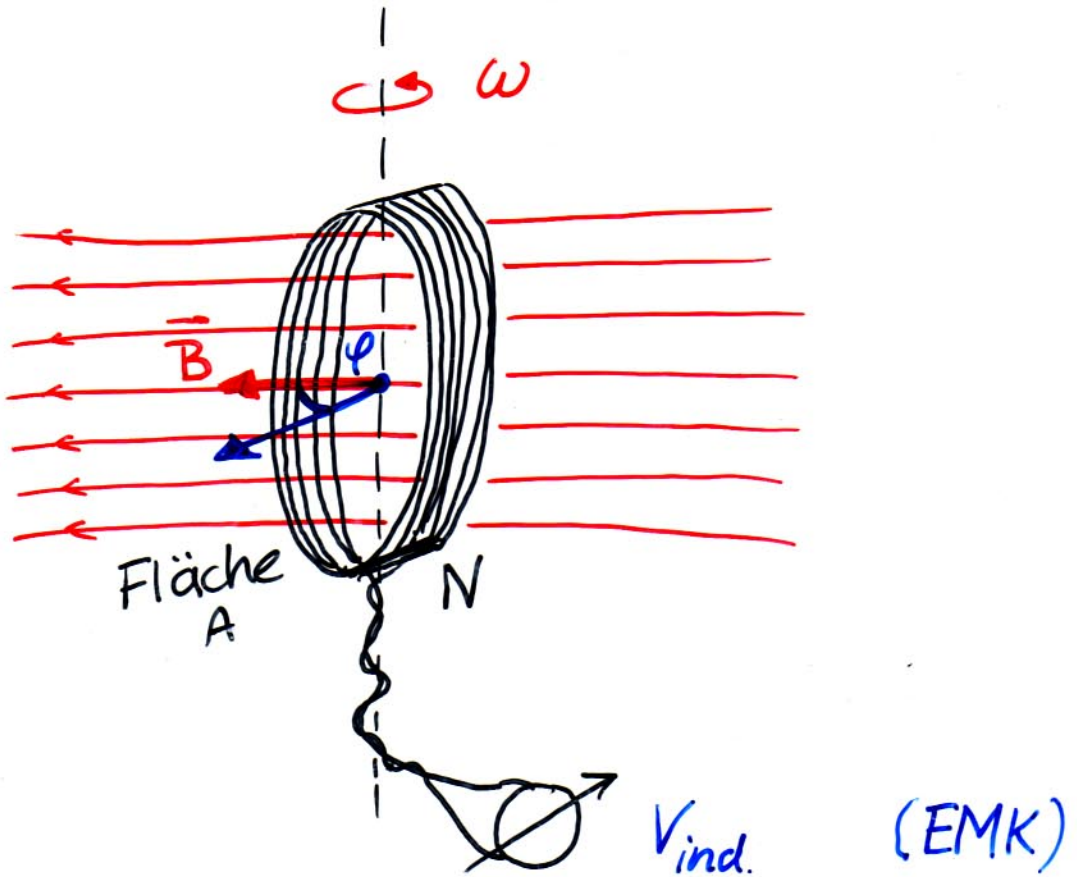


# Der Wechselspannungsgenerator



$$V_{ind} = - \frac{d\Phi}{dt} = - \frac{d}{dt} (NAB \cos \varphi)$$

Drehung:  $\varphi(t) = \omega \cdot t$

$$\Rightarrow \boxed{V_{ind} = N A \omega B \sin \omega t}$$

