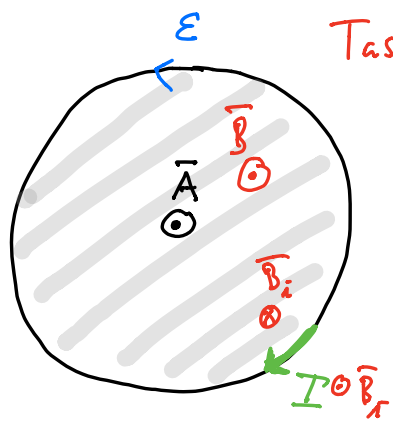
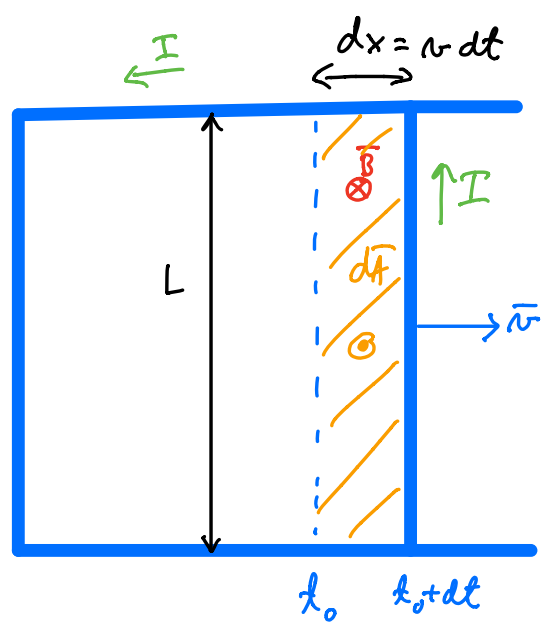


Tasainen  $\vec{B}$ , joka kasvaa ajan funktiona



$$\mathcal{E} = - \frac{d\Phi_B}{dt} = - A \frac{dB}{dt} < 0$$

[siivu 12]

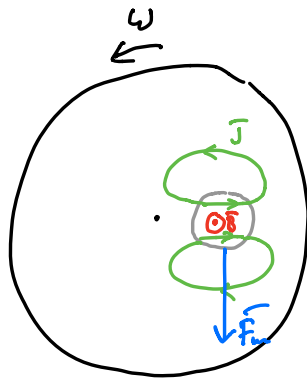


$$dA = L v dt$$

$$\begin{aligned} \mathcal{E} &= - \frac{d\Phi_B}{dt} = + B \frac{dA}{dt} \\ &= B L v = V_{ab} \end{aligned}$$

$$P_{mek} = Fv = ILBv = IV_{ab} = I^2 R = P_{\text{t\u00e4mp\u00f6}}$$

Pyörtevirrat:

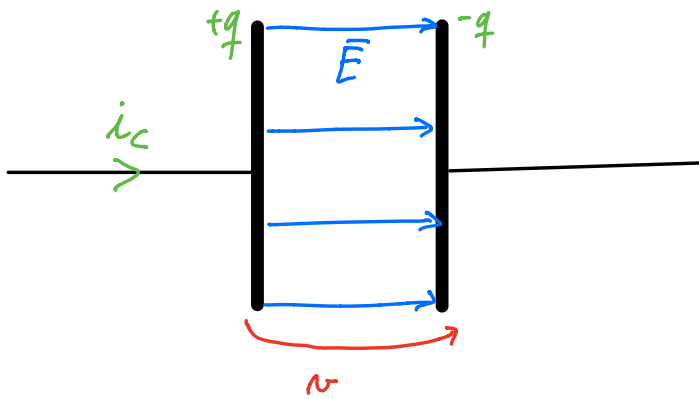


(1)  $\vec{r} \times \vec{B} \rightarrow \vec{J}$ :n suunta

(2)  $d\vec{e} \times \vec{B} \rightarrow \vec{F}_m$ :n suunta

$\Rightarrow \vec{F}_m$  jarruttaa  
pyörimiskiihtöä

Levykondensaattori:



[Ideaalinen levykondensaattori,  
sivu 13]