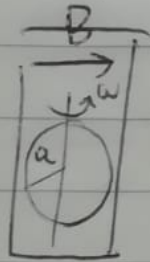


Esercizio 9 - 10/09/2021



$$T = \frac{2\pi}{\omega}$$

$$f_{\text{ind}} = - \frac{d\phi(\vec{B})}{dt}$$

$$\phi(\vec{B}) = N\pi a^2 B \cos(\omega t)$$

$$f_{\text{ind}} = N\pi a^2 B \omega \sin(\omega t) \Rightarrow B = \frac{f_0}{\pi a^2 N \omega}$$