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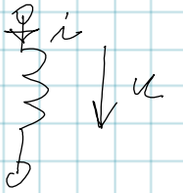
INDUKČNOST

STATICKÁ $\Phi = \int \vec{B} \cdot d\vec{S}$

$L = \frac{\Phi}{I}$ ←

DYNAMICKÁ $u = -L \, di/dt$

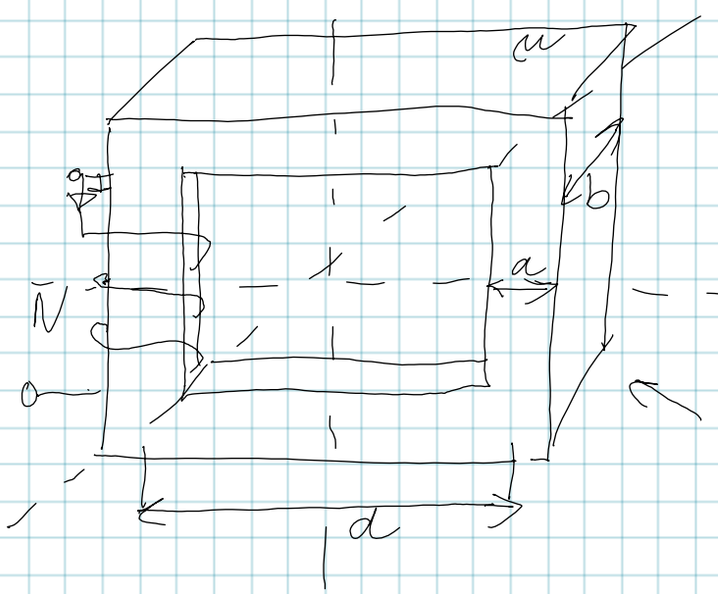


ENERGETICKÁ $W_m = \frac{1}{2} L I^2$

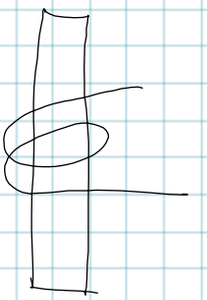
R_m I U_m Φ

$U_m = R_m \Phi$

A [Wb]



$\mu \gg \mu_0$



$R_m = \frac{4d}{\mu a b}$

$R_m = \frac{1}{\mu} \frac{l}{S}$

$L = \frac{N^2}{R_m} \Rightarrow \frac{N^2 \mu a b}{4d}$