$$e_{i}(t) = NA\omega B(t)$$

$$E_{i} = 4,44Nf\hat{\Phi}$$

$$Sin$$

$$E_{i} = 4Nf\hat{\Phi}$$

$$Square$$

$$L_{22} = \left(\frac{N_{1}}{N_{2}}\right)^{2} \cdot L_{12}$$

$$X_{L} = \omega L$$

$$L = \frac{\Psi}{i} = \frac{N\Phi}{i} = \frac{N^{2}}{R_{m}}$$

$$R_{m} = \frac{l}{\mu_{0}\mu_{r}A}$$

$$[A/Vs]$$

$$V(t) = -N\frac{d\Phi(t)}{dt}$$

$$Faraday's law$$

$$\Phi(t) = A \cdot B(t)$$

$$[Vs/m^{2}]$$

$$\Phi(t) = A \cdot B(t)$$

$$V[Vs/m^{2}]$$

$$Ampere's law$$

$$F = \sum Hl = IN$$

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