Indukčnost

$$\Phi = \iint_{(S)} \frac{\mu I}{4\pi} \oint \frac{\left(\mathrm{d}\vec{l} \times \vec{r^0}\right).\mathrm{d}\vec{S}}{r^2}$$

$$L = \iint_{(S)} \frac{\mu}{4\pi} \oint \frac{\left(\mathrm{d}\vec{l} \times \vec{r^0}\right).\mathrm{d}\vec{S}}{r^2}$$

$$\Phi = L\,I\,;\, L = \frac{\Phi}{I}$$

$$u = -L\frac{\mathrm{d}i}{\mathrm{d}t}$$

$$\Phi_2 = M_{21} I_1\,;\, M_{21} = \frac{\Phi_2}{I_1}$$

$$u_2 = -M_{21}\frac{\mathrm{d}i_1}{\mathrm{d}t}$$