

Ampérová síla

$$d\vec{F} = dQ \vec{v} \times \vec{B} = \frac{dQ}{dt} dt \frac{d\vec{l}}{dt} \times \vec{B} = \frac{dQ}{dt} \vec{l} \times \vec{B} = I d\vec{l} \times \vec{B}$$

$$\vec{F} = I \int_{(l)} d\vec{l} \times \vec{B}$$