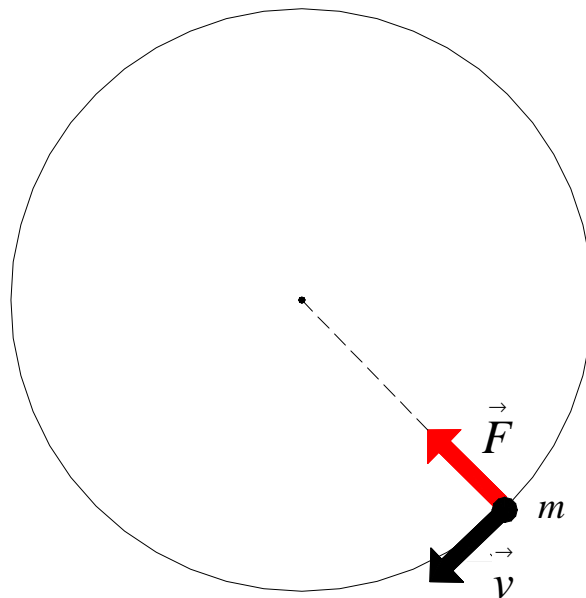


Zakrivovanie trajektórie častice

Štúdium pohybu po kružnici

Sila \vec{F} potrebná na zmenu smeru rýchlosti \vec{v}



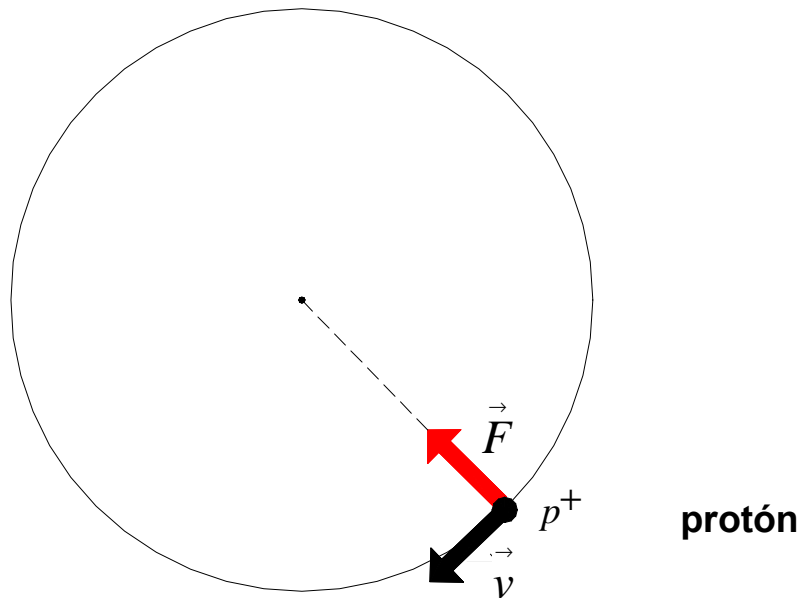
$$\vec{F} = m \cdot \vec{a}$$

$$\vec{F} = m \cdot \frac{d\vec{v}}{dt}$$

Zakrivovanie trajektórie častice

Štúdium pohybu po kružnici

Sila \vec{F} potrebná na zmenu smeru rýchlosti \vec{v}



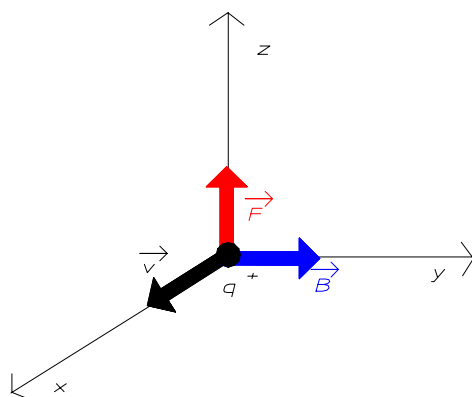
$$\vec{F} = m \cdot \vec{a}$$

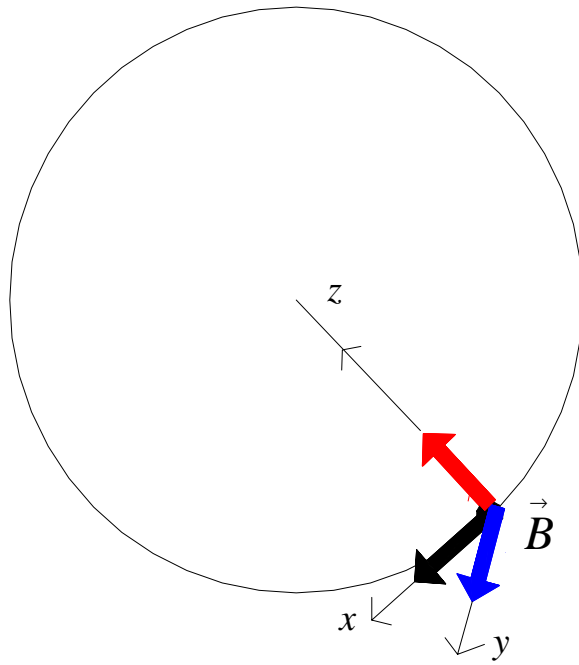
$$\vec{F} = m \cdot \frac{d\vec{v}}{dt}$$

Lorentzova sila

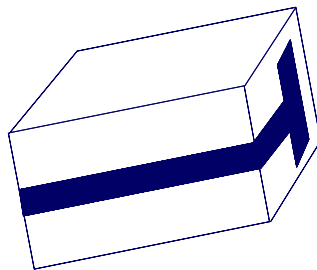
$$\vec{F} = q \cdot (\vec{v} \times \vec{B})$$

↓
protón





$$\vec{F} = q \cdot (\vec{v} \times \vec{B})$$



Vychyl'ovacie magnety