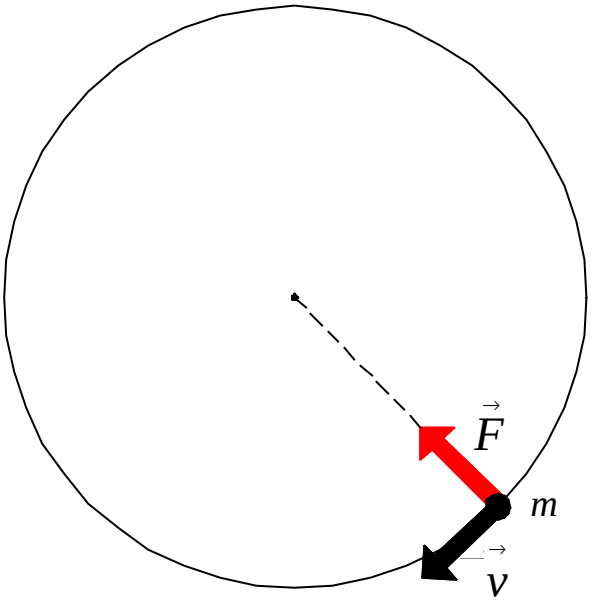
Bending

Study of circular motion

$\vec{F}$ needed to change the direction of $\vec{v}$



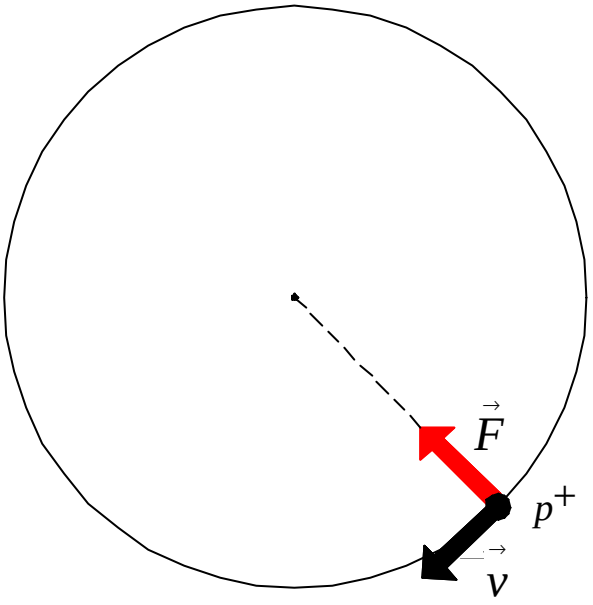
$$\vec{F} = m \cdot \vec{a}$$

$$\vec{F} = m \cdot \frac{\overrightarrow{dv}}{dt}$$

Bending

Study of circular motion

$\vec{F}$ needed to change the direction of $\vec{v}$



proton

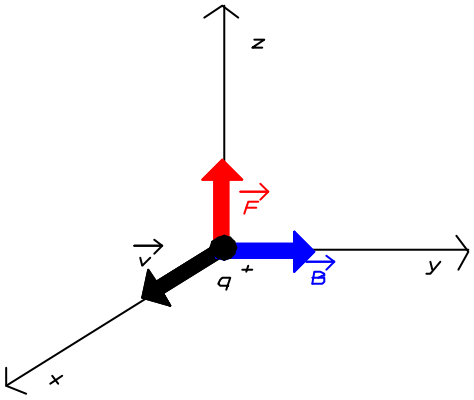
$$\vec{F} = m \cdot \vec{a}$$

$$\vec{F} = m \cdot \frac{\vec{dv}}{dt}$$

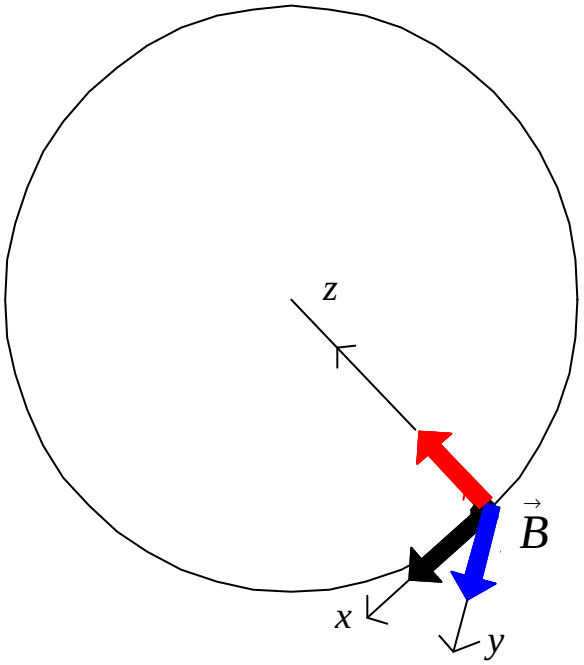
Lorentz force

$$\vec{F} = q.(\vec{v} \, x \, \vec{B})$$

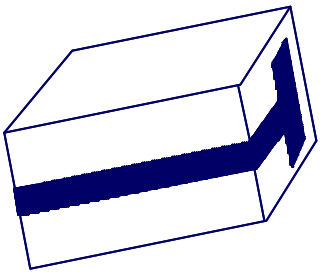
proton



4



$$\vec{F} = q.(\vec{v}\, x\, \vec{B})$$



Bending magnets