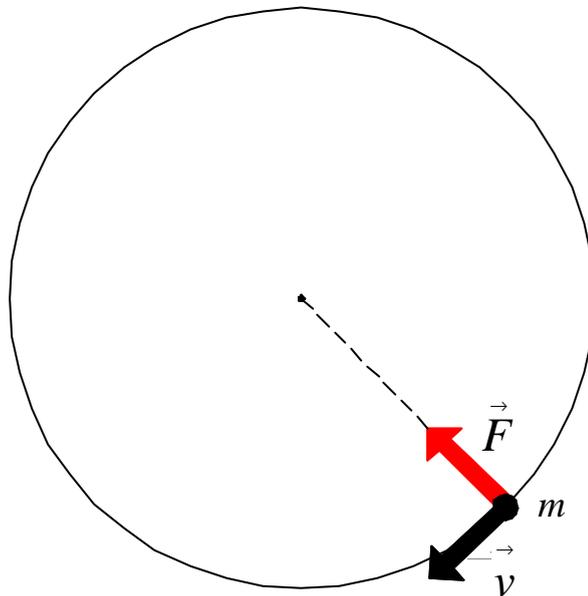


Curvare la traiettoria

Studio del moto circolare

Per cambiare la direzione di \vec{v} è richiesta una \vec{F}



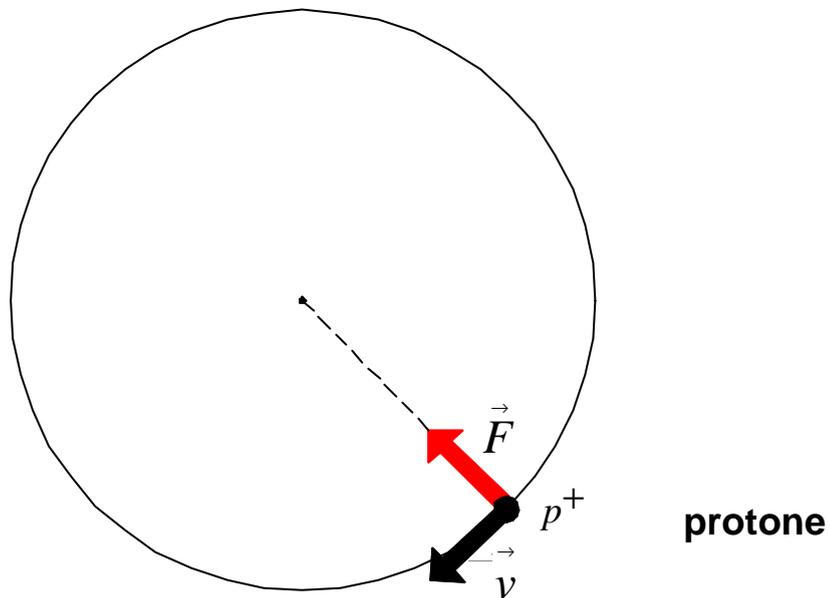
$$\vec{F} = m \cdot \vec{a}$$

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

Curvare la traiettoria

Studio del moto circolare

Per cambiare la direzione di \vec{v} è richiesta una \vec{F}



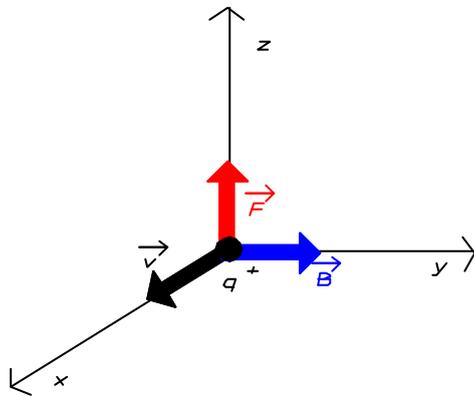
$$\vec{F} = m \cdot \vec{a}$$

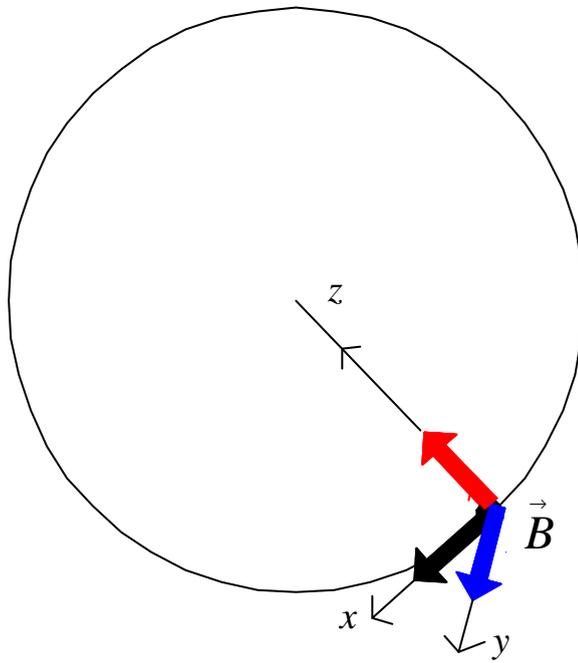
$$\vec{F} = m \cdot \frac{d\vec{v}}{dt}$$

Forza di Lorentz

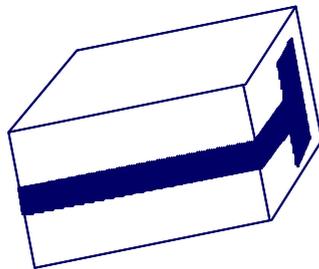
$$\vec{F} = q \cdot (\vec{v} \times \vec{B})$$

↓
protone





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



Magneti deflettori