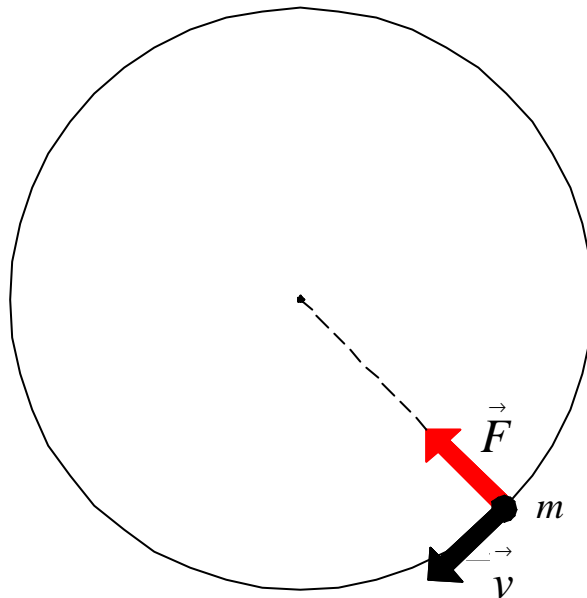


# Ablenkung

## Untersuchung der Kreisbewegung

$\vec{F}$  erforderlich zur Richtungsänderung von  $\vec{v}$



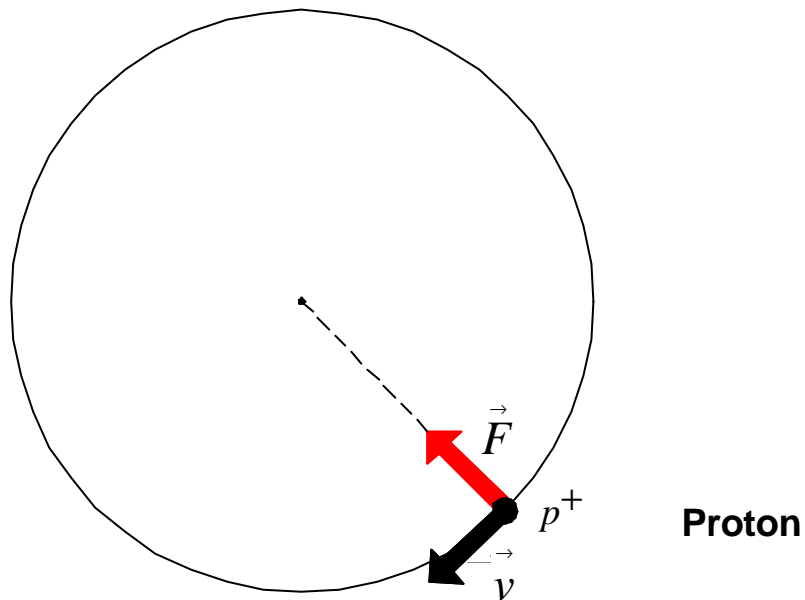
$$\vec{F} = m \cdot \vec{a}$$

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

## Ablenkung

### Untersuchung der Kreisbewegung

$\vec{F}$  erforderlich zur Richtungsänderung von  $\vec{v}$



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

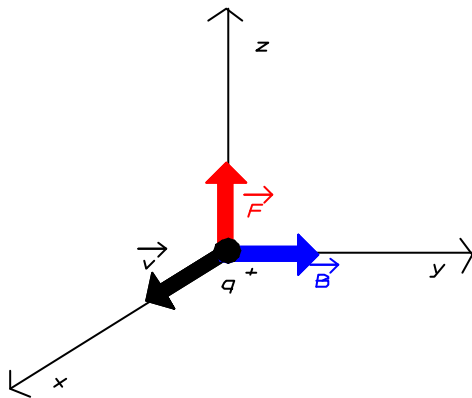
$$\vec{F} = m \cdot \frac{d\vec{v}}{dt}$$

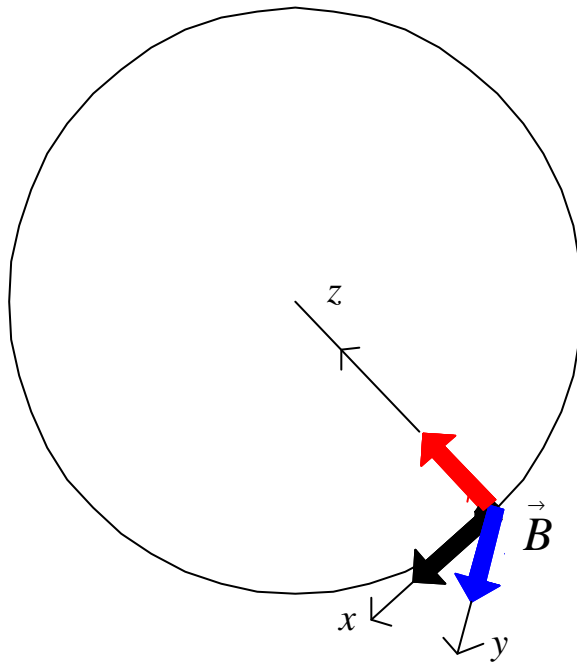
### Lorentzkraft

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

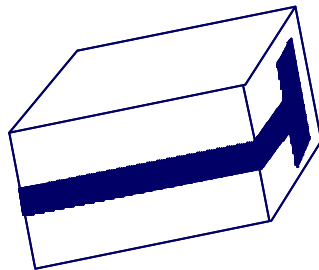


Proton





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



**Ablenkmagnete**