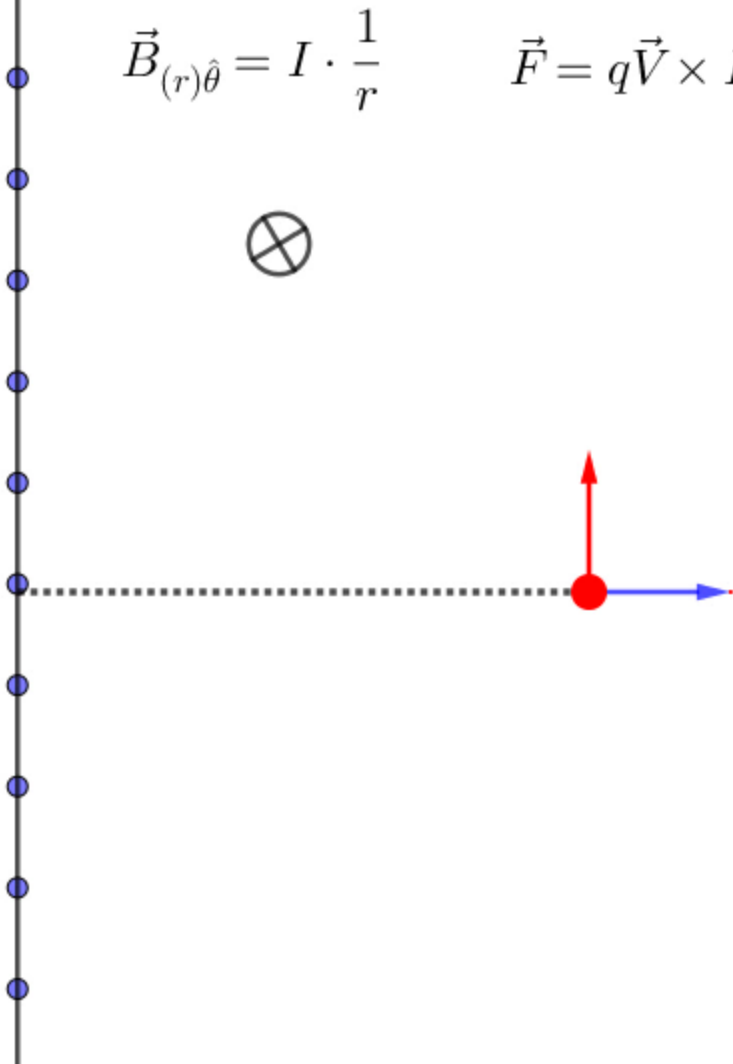


$$\vec{F} = (I \times B)L = \lambda(v \times B)L$$

$$\vec{F} = q\vec{V} \times \vec{B}$$

$$F = BIL$$

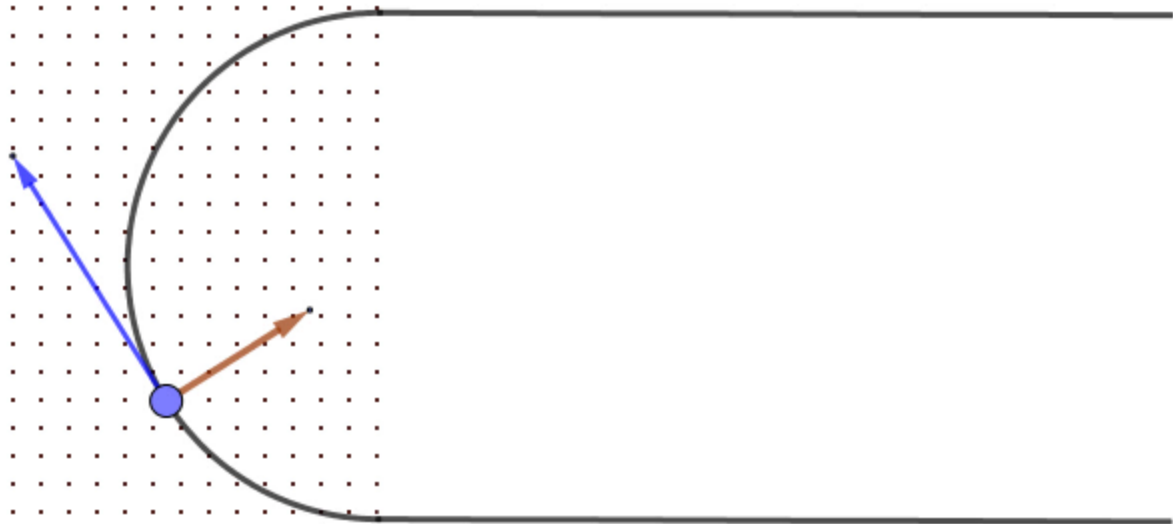
$$\vec{B}_{(r)\hat{\theta}} = I \cdot \frac{1}{r} \quad \vec{F} = q\vec{V} \times \vec{B}$$



$$\vec{F} = q\vec{V} \times \vec{B}$$



$$F_{\hat{r}} = ma_{\hat{r}} = m \frac{v^2}{r}$$



$$qVB = m \frac{v^2}{r}$$

$$r = \frac{mv}{qB}$$