

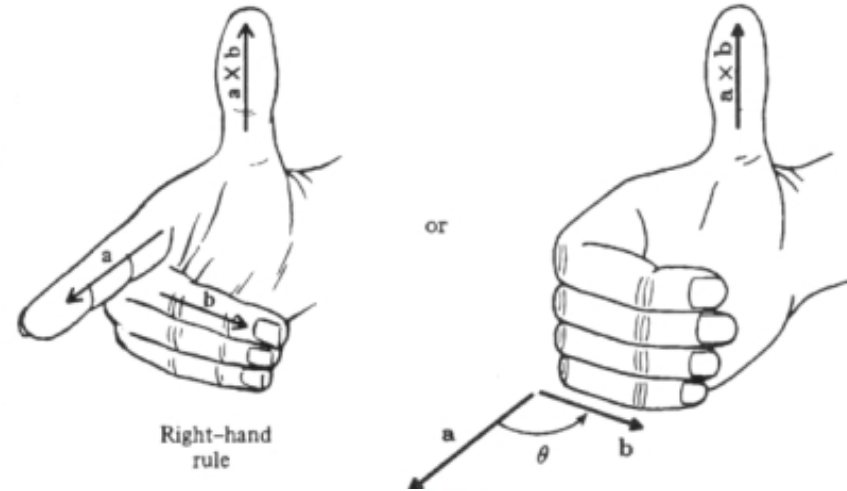
Right Hand Rule Review

1. ANY CROSS PRODUCT

$$\vec{F} = q\vec{v} \times \vec{B} \quad \vec{F} = I\vec{L} \times \vec{B}$$

$$\vec{\tau} = \vec{r} \times \vec{F} \quad \vec{\tau} = \vec{\mu} \times \vec{B}$$

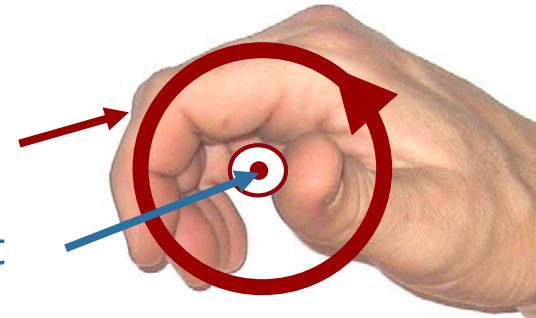
$$d\vec{B} = \frac{\mu_0 I}{4\pi} \frac{d\vec{s} \times \hat{r}}{r^2}$$



2. Direction of Magnetic Moment

Fingers: Current in Loop

Thumb: Magnetic Moment



3. Direction of Magnetic Field from Wire

Fingers: Magnetic Field

Thumb: Current

