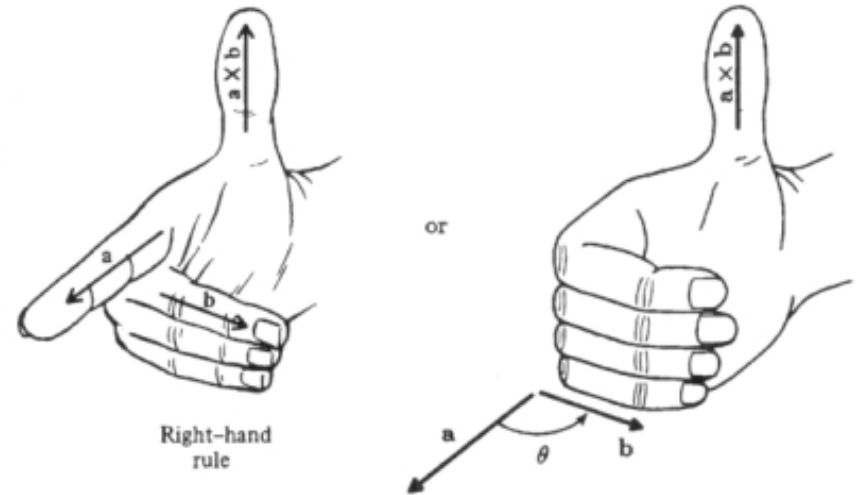


Last Time:

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



This Time:

$$\vec{F} = q \sum_i \vec{v}_i \times \vec{B}$$



$$\vec{F} = qN\vec{v}_{avg} \times \vec{B} \quad \longrightarrow \quad \vec{F} = I\vec{L} \times \vec{B}$$

$$N = nAL$$

$$I = qnAv_{avg}$$

