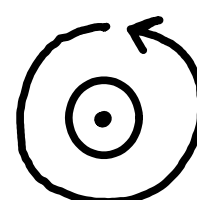
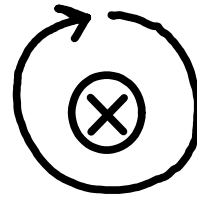
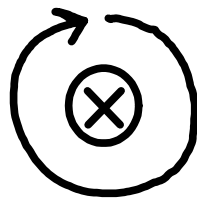
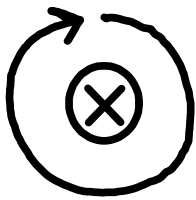


P12 - 10.3 - Mag 3rd Right Hand Rules Notes

3rd Right Hand Rule

Parallel wires with current flowing in the same direction will attract

Parallel wires with current flowing in the opposite direction will repel



Index Finger
Magnetic Field

$N \rightarrow S$

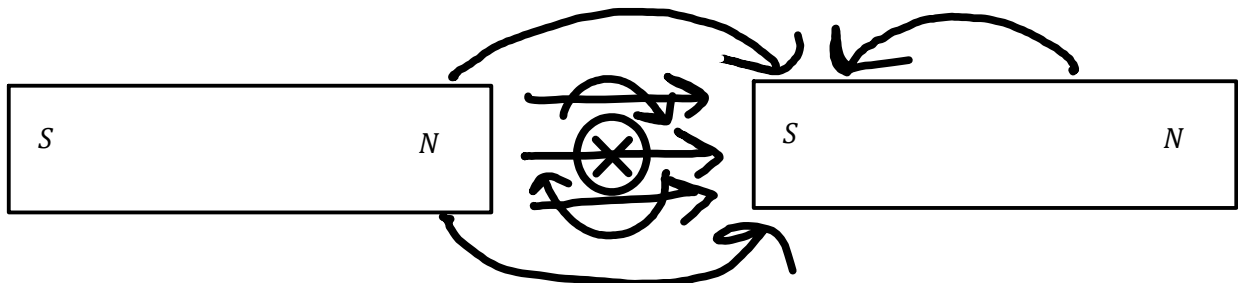
Thumb Current
Particle Motion



Other Fingers
Force



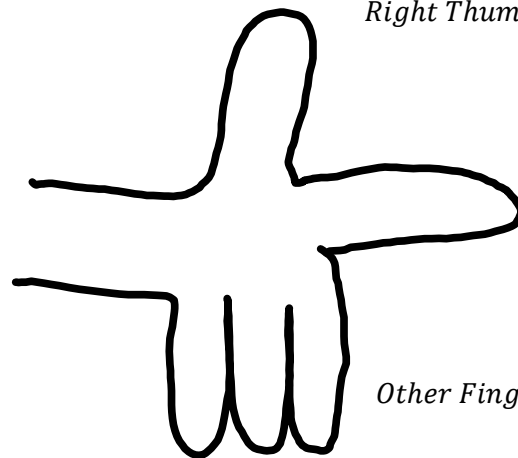
All at 90°



Force is down the page!

Perpendicular!

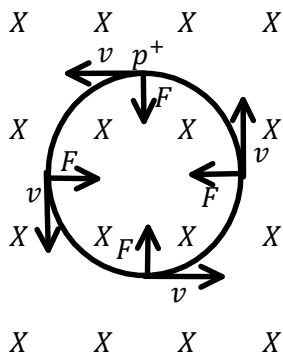
Right Thumb (Into the page)



Right Index (To Right)

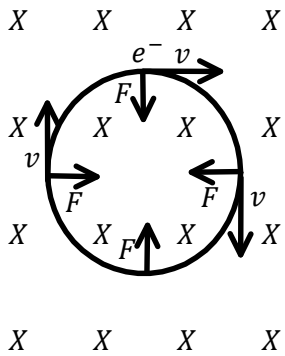
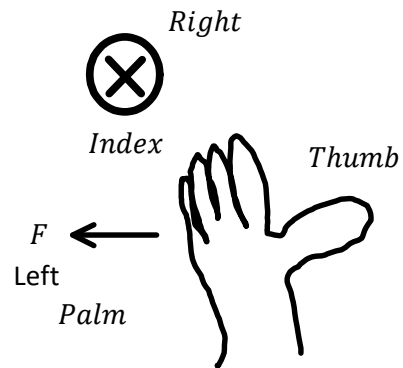
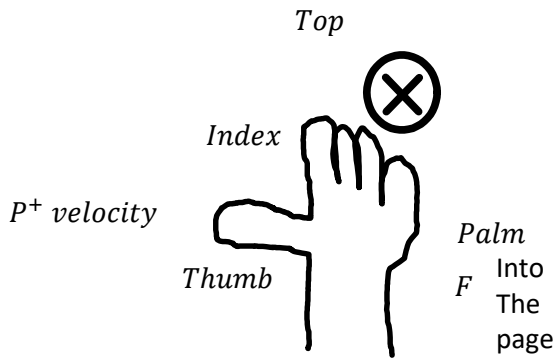
Other Fingers (Down)

P12 - 10.3 - Mag 3rd Right Hand Rule Notes



X: Field into page

p^+ : Use RHR



X: Field into page

e^- : Use LHR