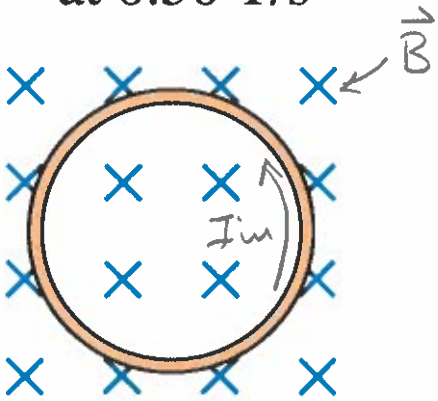
(a) *B* increasing at 0.50 T/s

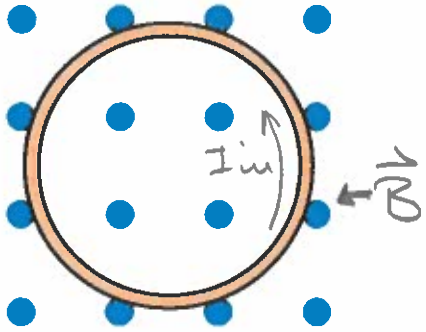


50-s
WTF ⇒ Flux is increasing

⇒ $\vec{B}_{in}$ is out ⊙

∴ I_{in} is ccw

(b) *B* decreasing at 0.50 T/s

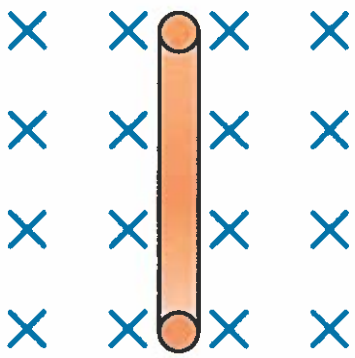


WTF ⇒ Flux is decreasing

⇒ $\vec{B}_{in}$ is out ⊙

∴ I_{in} is ccw

(c) *B* decreasing at 0.50 T/s



Here, $\Phi_m = 0$

& $\frac{d\Phi_m}{dt} = 0$

∴ $I_{in} = 0$

But, what if the loop is rotating?