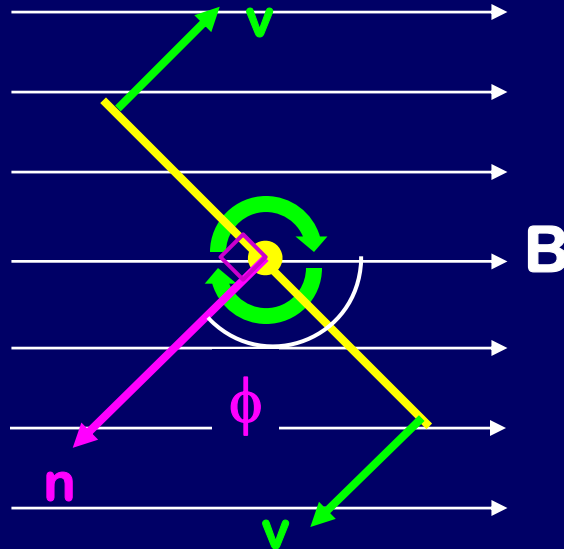


# Generator: EMF

$$\varepsilon = - \frac{\Delta\Phi}{\Delta t}$$



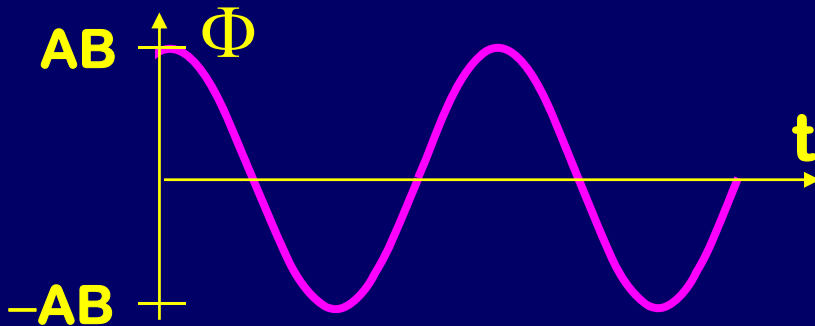
$t = 0, \Phi \sim \text{const}, \varepsilon = 0$

$t > 0, \Phi \downarrow, \varepsilon > 0$

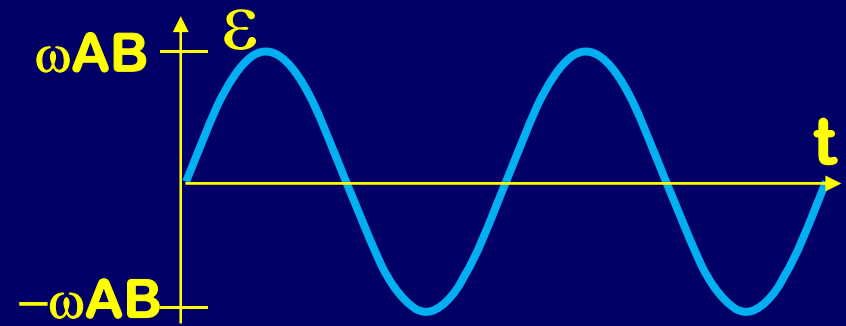
$t = T/4, \Phi \downarrow, \varepsilon (\text{max})$

$t > T/4, \Phi \downarrow, \varepsilon > 0$

$t = T/2, \Phi \sim \text{const}, \varepsilon = 0$



$$\Phi = B A \cos(\omega t)$$



$$\varepsilon = \omega B A \sin(\omega t)$$