C, - S

$$\frac{d\phi_{B}}{dt} = \frac{d}{dt} \left(-Bla(t) \right)$$

$$\frac{d\phi_{B}}{dt} = -Bl \frac{da(t)}{dt} = -Blv$$

$$\frac{d\phi_{B}}{dt} = -Blv$$

$$\frac{d\phi_{B}}{dt} = -Blv$$

(5)
$$\mathcal{E}_{i} = -(1)(-Blv)$$

 $\mathcal{E}_{i} = Blv = (0.750)(1.5)(5.0.10^{2}) = 5.6.10^{2} \text{ V}$

$$6i = \frac{e}{B} = \frac{5.6 \cdot 10^{-2} \text{ y}}{25. 2}$$