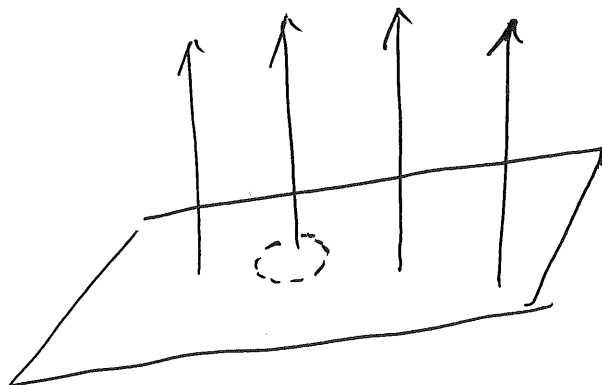
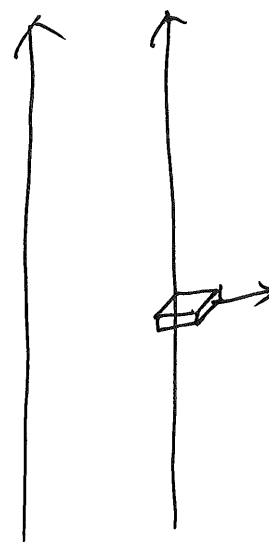
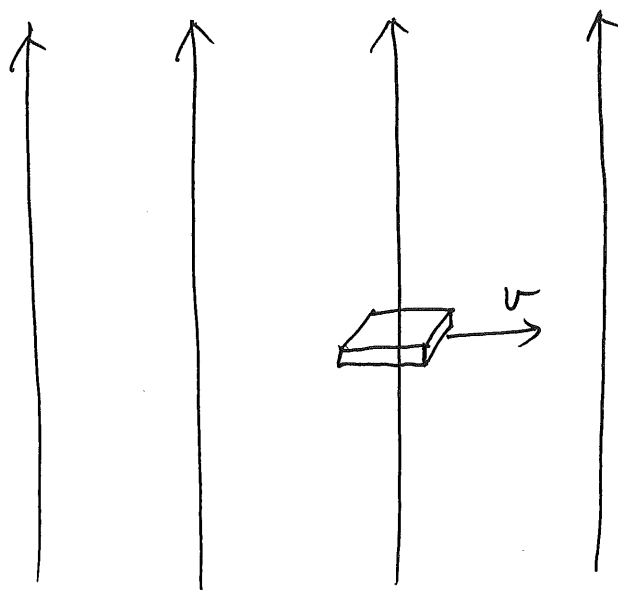
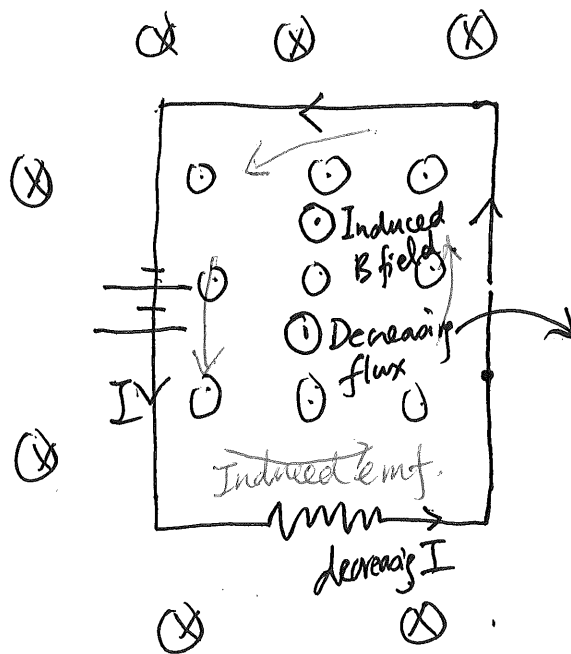
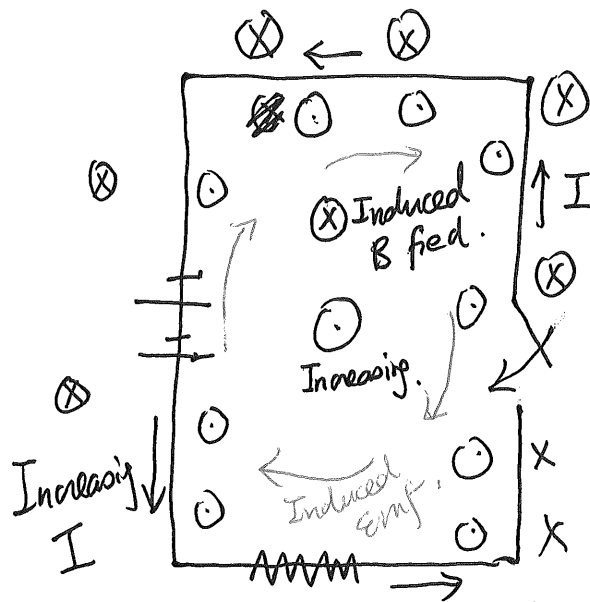




Uniform B





$$\Phi_B = (\mu_0 n N A I)$$

$$N = l n.$$

$$\Phi_B = \mu_0 l n^2 A I$$

$$\text{or } \Phi_B = \cancel{\mu_0 l} \mu_0 \frac{N^2}{l} A I.$$