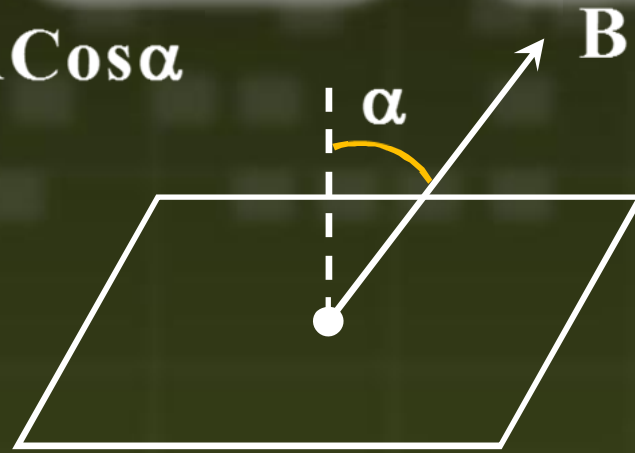


$$\varphi = BA \cos \alpha$$



$$\alpha = 90^\circ - 30^\circ = 60^\circ$$

$$\varphi = 0.04 \times 10^{-2} \times 0.2 \times 0.1 \times \cos 60^\circ = 2/5 \times 10^{-3} \text{ (Wb)}$$