

Β ΛΥΚΕΙΟΥ ΑΛΓΕΒΡΑ

16.3 1)

$$\alpha) \quad \varepsilon\varphi x = \varepsilon\varphi \frac{\pi}{4} \Rightarrow x = \kappa\pi + \frac{\pi}{4}, \quad \kappa \in \mathbb{Z}$$

$$\beta) \quad \varepsilon\varphi x = \varepsilon\varphi \left(y + \frac{\pi}{3} \right) \Rightarrow x = \kappa\pi + y + \frac{\pi}{3}, \quad \kappa \in \mathbb{Z}$$

16.3 2)

$$\varepsilon\varphi x = \varepsilon\varphi \frac{\pi}{4} \Rightarrow x = \kappa\pi + \frac{\pi}{6}, \quad \kappa \in \mathbb{Z}$$

16.3 3)

$$\varepsilon\varphi x = \varepsilon\varphi 0 \Rightarrow x = \kappa\pi, \quad \kappa \in \mathbb{Z}$$

16.3 4)

$$\varepsilon\varphi x = \varepsilon\varphi \left(y + \frac{\pi}{6} \right) \Rightarrow x = \kappa\pi + y + \frac{\pi}{6}, \quad \kappa \in \mathbb{Z}$$

16.3 5)

$$\varepsilon\varphi x = \varepsilon\varphi \frac{\pi}{3} \Rightarrow x = \kappa\pi + \frac{\pi}{3}, \quad \kappa \in \mathbb{Z}$$

16.3 6)

$$\varepsilon\varphi x = \varepsilon\varphi \left(2y - \frac{\pi}{4} \right) \Rightarrow x = \kappa\pi + 2y - \frac{\pi}{4}, \quad \kappa \in \mathbb{Z}$$