

ΕΝΔΕΙΚΤΙΚΕΣ ΑΠΑΝΤΗΣΕΙΣ

ΘΕΜΑ 2°

1. $I_o = \sqrt{2}A$

2. $I_{\epsilon v} = \frac{I_o}{\sqrt{2}} = \frac{\sqrt{2}}{\sqrt{2}} = 1A$

3. $\omega = \pi \text{ rad/sec}$

4. $\omega = 2\pi f \Rightarrow f = \frac{\omega}{2\pi} \Rightarrow f = \frac{\pi}{2\pi} \Rightarrow f = 0,5Hz$

5. $T = \frac{1}{f} \Rightarrow T = \frac{1}{0,5} \Rightarrow T = 2sec$

6. $\varphi = 0^\circ$