

Chapter 9, Problem 18.

Obtain the sinusoids corresponding to each of the following phasors:

(a) $\mathbf{V}_1 = 60\angle 15^\circ$, $\omega = 1$

(b) $\mathbf{V}_2 = 6 + j8$, $\omega = 40$

(c) $\mathbf{I}_1 = 2.8 e^{-j\pi/3}$, $\omega = 377$

(d) $\mathbf{I}_2 = -0.5 - j1.2$, $\omega = 10^3$