

Chapter 9, Problem 23.

Apply phasor analysis to evaluate the following:

(a) $v = [110\sin(20t+30^\circ) + 220\cos(20t-90^\circ)] \text{ V}$

(b) $i = [30\cos(5t+60^\circ) - 20\sin(5t+60^\circ)] \text{ A}$