

Chapter 9, Problem 24.

Find $v(t)$ in the following integrodifferential equations using the phasor approach:

(a) $v(t) + \int v dt = 10 \cos t$

(b) $\frac{dv}{dt} + 5v(t) + 4 \int v dt = 20 \sin(4t + 10^\circ)$