

Chapter 9, Problem 50.

Determine v_x in the circuit shown in Fig. 9.57. Let $i_s(t) = 5 \cos(100t + 40^\circ)$.

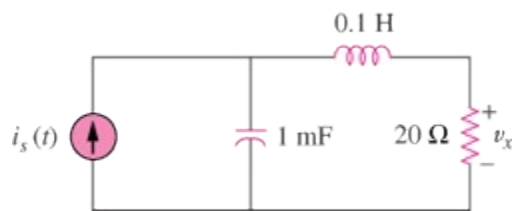


Figure 9.57
For Prob. 9.50.