

Chapter 9, Problem 49.

Find $v_s(t)$ in the circuit of Fig. 9.56 if the current i_x through the $1\text{-}\Omega$ resistor is $500 \sin(200t)$ mA.

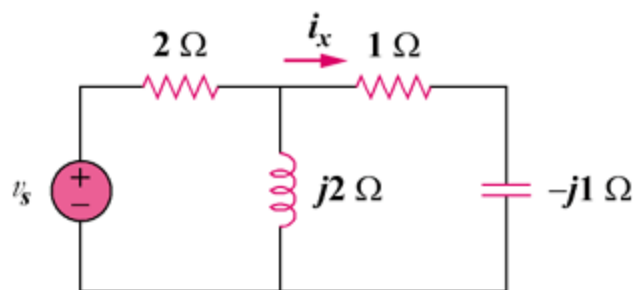


Figure 9.56
For Prob. 9.49.