Chapter 9, Problem 40.

In the circuit of Fig. 9.47, find i_o(t) when:

(a) ω = 1 rad/s
(b) ω = 5 rad/s
(c) ω = 10 rad/s

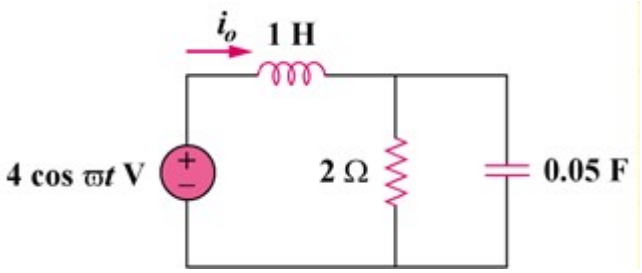

Figure 9.47
For Prob. 9.40.