Chapter 7, Problem 50.

In the circuit in Fig. 7.117, find i_x for $t > 0$. Let $R_1 = R_2 = 1$ kΩ, $R_3 = 2$ kΩ, and $C = 0.25$ mF.

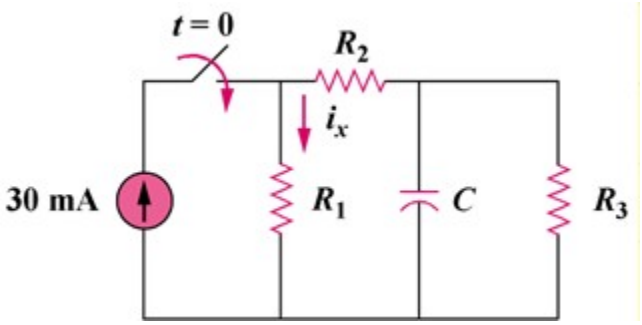

Figure 7.117
For Prob. 7.50.