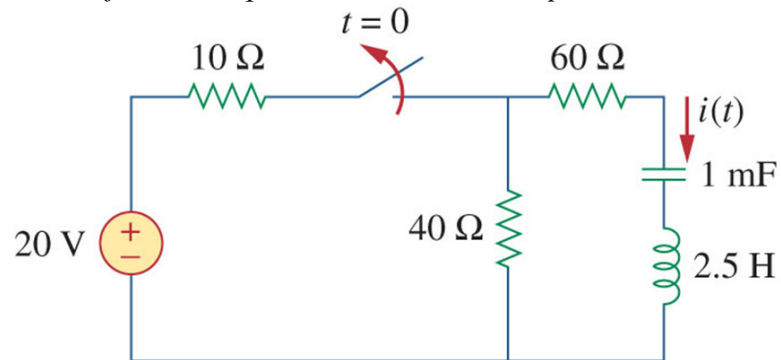


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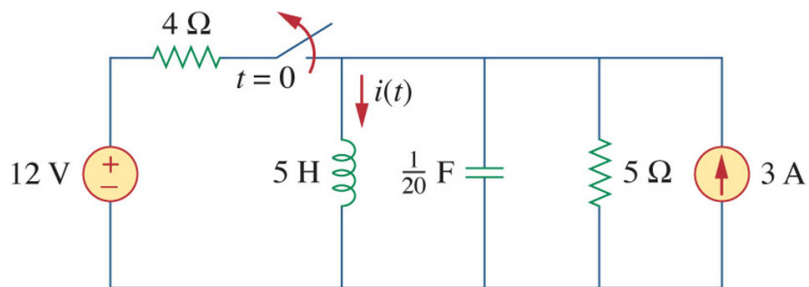
1. (Prob. 16.20 in text) Find $i(t)$ for $t > 0$ in the circuit below:

Hint: Should be able to factor the quadratic into a double pole.



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2. (Prob. 16.43 from Text) Find $i(t)$ for $t > 0$ in the circuit below:



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3. (Prob. 16.63 from Text) Consider the parallel RLC circuit shown below. Find $v(t)$ for $t > 0$ given the following initial conditions: $v(0) = 5$ V and $i(0) = -2$ A:

Hint: May need to use the “Complete the square” method

