Chapter 7, Problem 64

Determine the value of $i_L(t)$ and the total energy dissipated by the circuit from $t = 0$ sec to $t = \infty$ sec. The value of $v_{in}(t)$ is equal to $[40-40u(t)]$ volts.
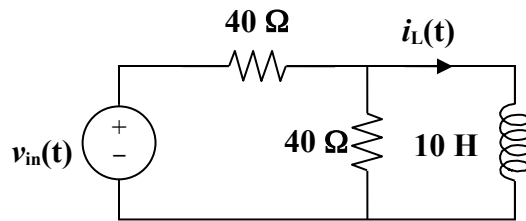

Figure 7.129
For Prob. 7.64.