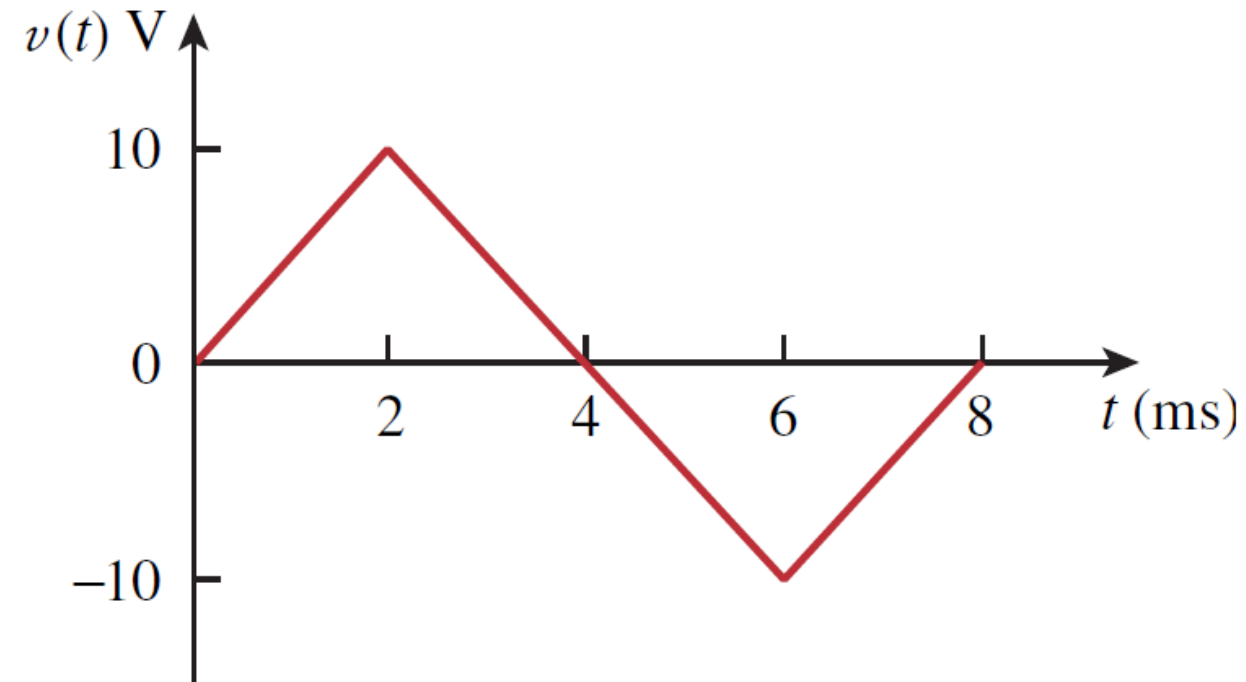
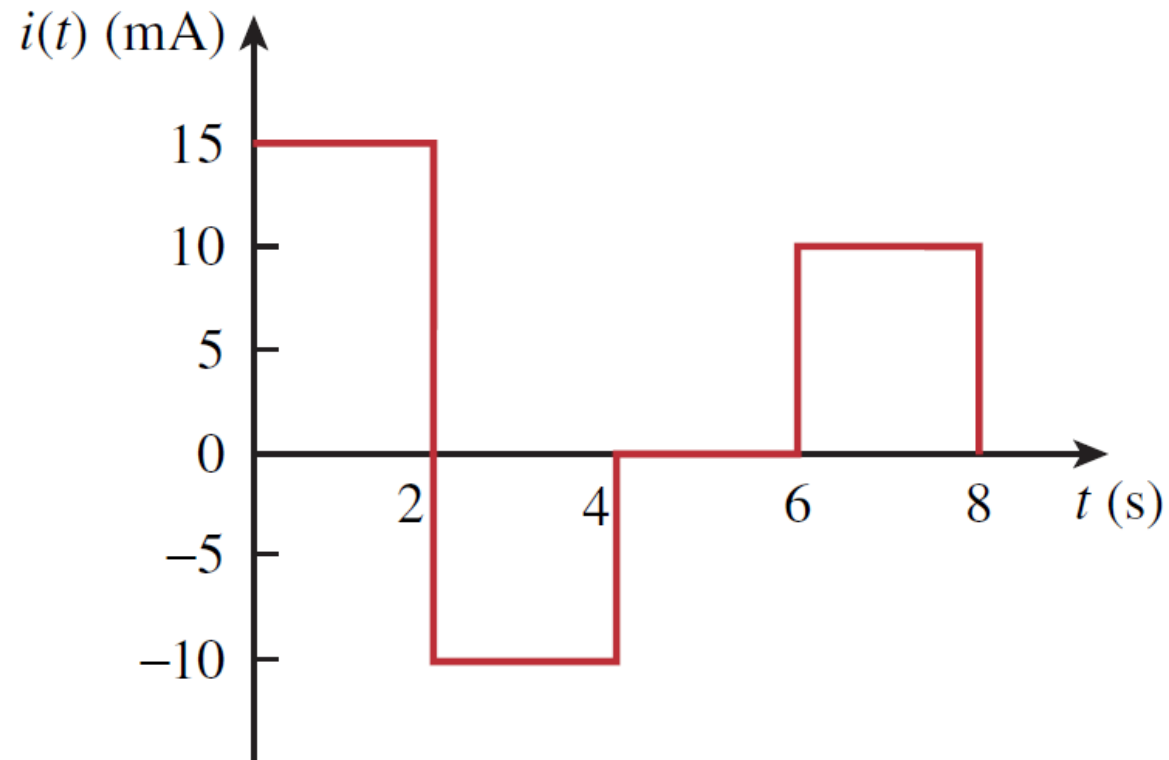


Assignment

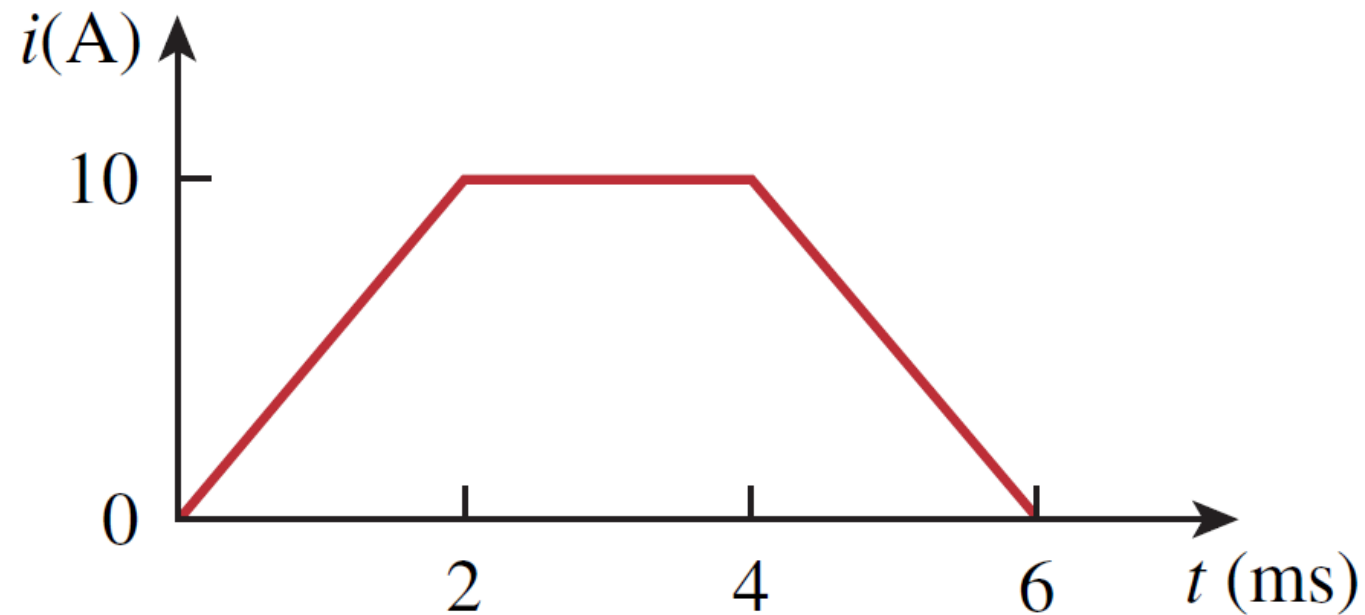
6.5 The voltage across a $4\text{-}\mu\text{F}$ capacitor is shown in Fig. 6.45. Find the current waveform.



6.11 A 4-mF capacitor has the current waveform shown in Fig. 6.48. Assuming that $v(0) = 10$ V, sketch the voltage waveform $v(t)$.



6.40 The current through a 5-mH inductor is shown in Fig. 6.66. Determine the voltage across the inductor at $t = 1, 3,$ and 5 ms.



6.48 Under steady-state dc conditions, find i and v in the circuit in Fig. 6.71.

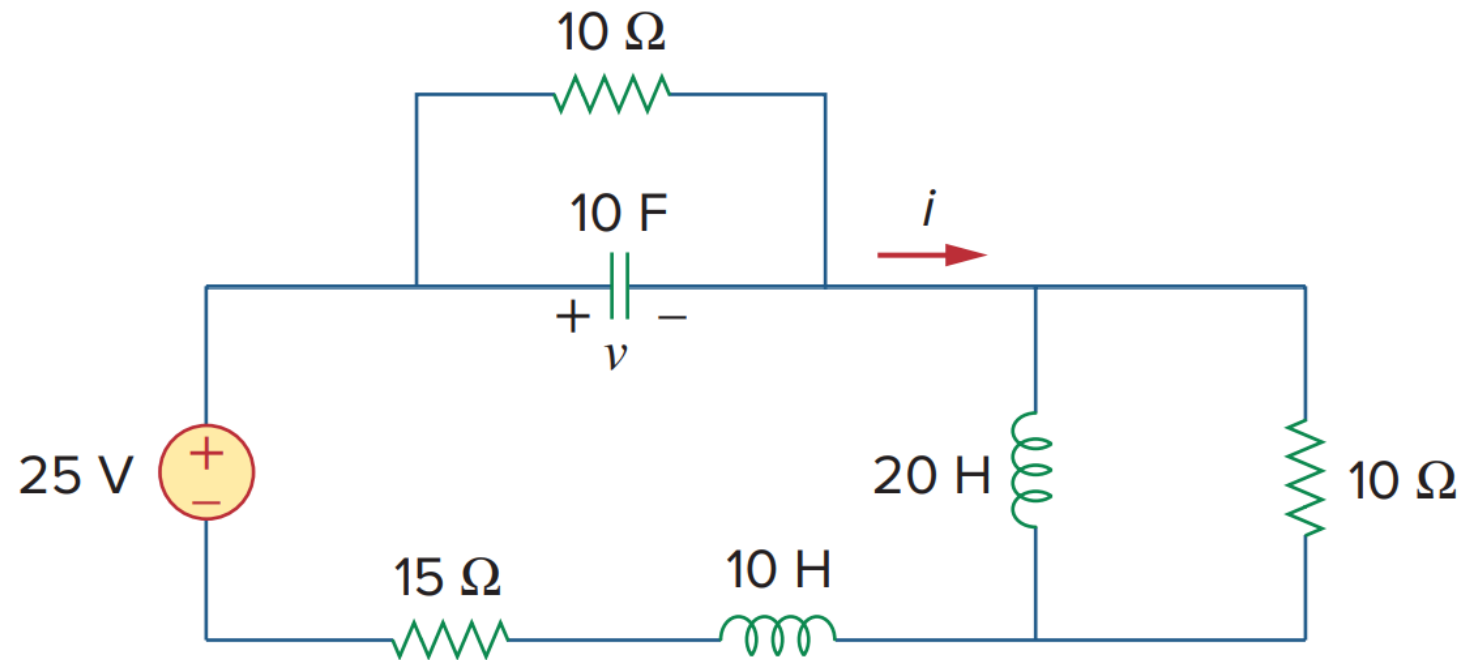


Figure 6.71