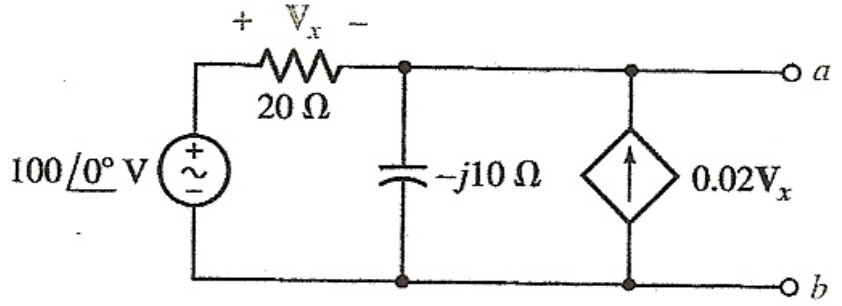
Circuitos Eléctricos II
Thévenin y Norton

Ejemplos

76. Find the frequency-domain Thévenin equivalent of the network shown in Fig. 10.75. Show the result as $\mathbf{V}_{th}$ in series with $\mathbf{Z}_{th}$.



■ **FIGURE 10.75**

77. Find the input admittance of the circuit shown in Fig. 10.76, and represent it as the parallel combination of a resistance R and an inductance L, giving values for R and L if $\omega = 1$ rad/s.

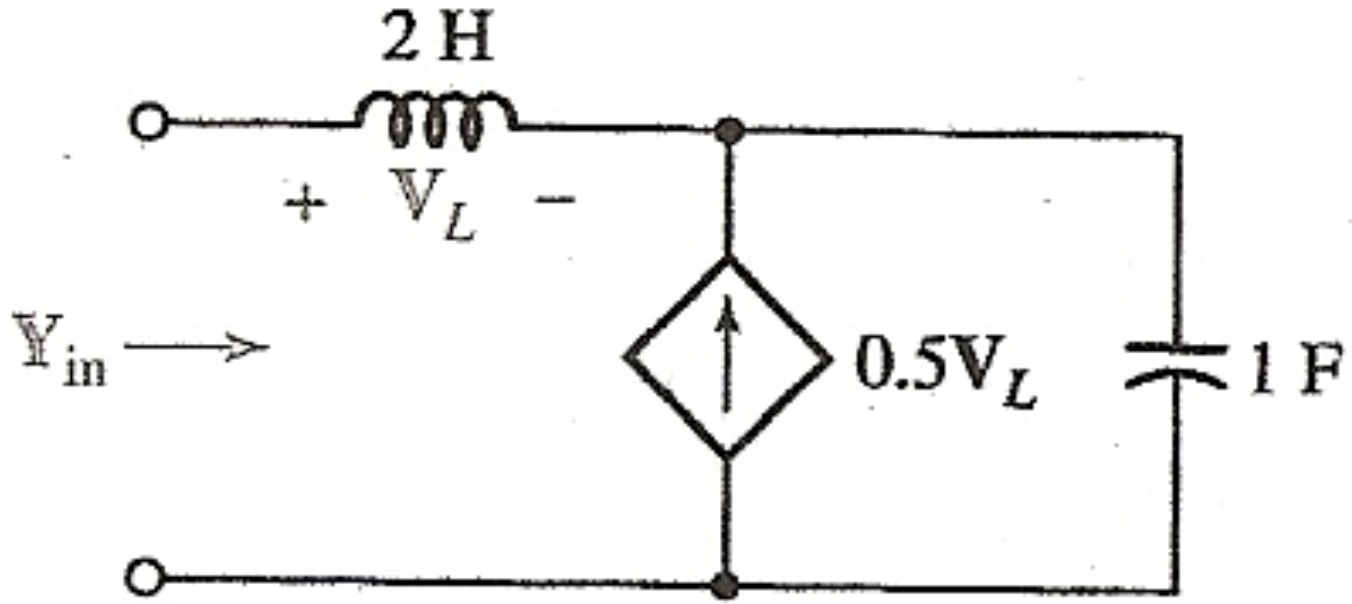


FIGURE 10.76

78. With reference to the circuit of Fig. 10.77, think superposition and find that part of $v_1(t)$ due to (*a*) the voltage source acting alone; (*b*) the current source acting alone.

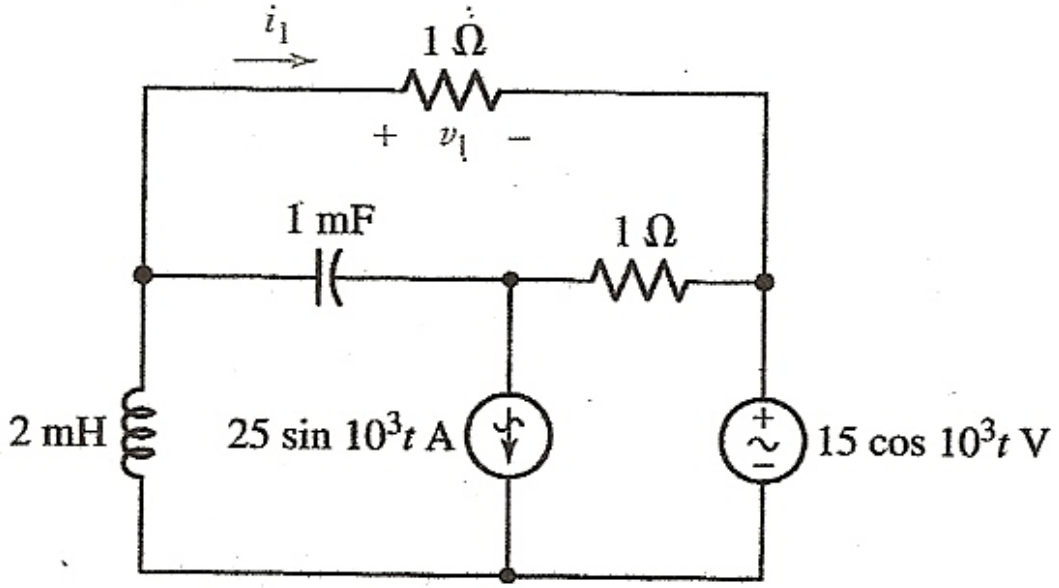
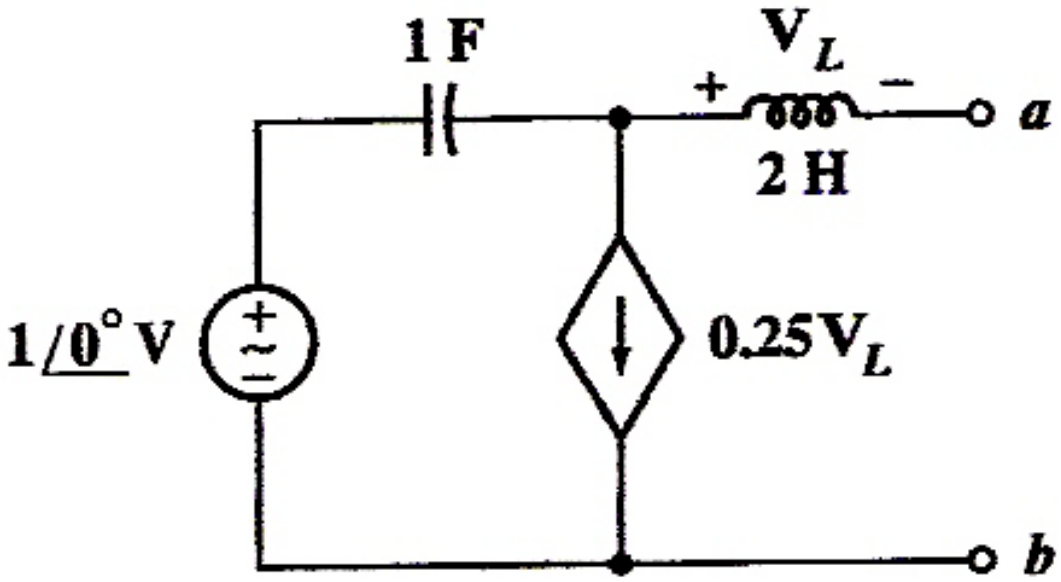
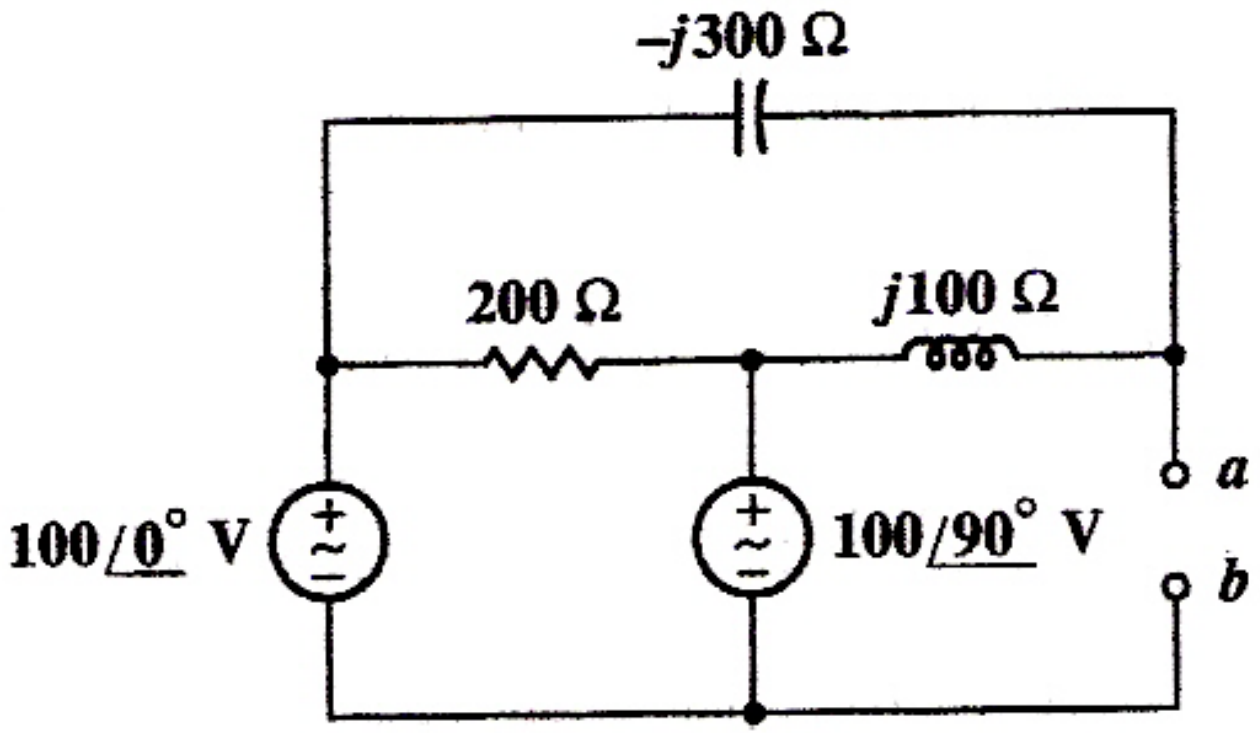


FIGURE 10.77

Determine el equivalente de Thévenin entre las terminales a-b del circuito de la figura P2, con ω= 1 rad/s.



Determine el equivalente de Thévenin en terminales a-b



Determine el equivalente de Thévenin entre las terminales a-b