Chapter 5

Steady-State Sinusoidal Analysis

3. Compute power for steady-state ac circuits.

4. Find Thevenin and Norton equivalent circuits for circuits with sinusoidal sources in a circuit that may use in radio communication.

5. Determine load impedances for maximum power transfer.


Figure 5.43

Repealed Problem 5.15 for $R = 200\ \Omega$.

Figure 5.44

Repealed Problem 5.16 for $R = 200\ \Omega$.

Figure 5.45

Repealed Problem 4.17 for $R = 20\ \Omega$.

Figure 5.46

Repealed Problem 4.18 for $R = 20\ \Omega$.

Figure 5.47

Repealed Problem 4.19 for $R = 20\ \Omega$.

Figure 5.48

Repealed Problem 4.20 for $R = 20\ \Omega$.

Figure 5.49

Repealed Problem 4.21 for $R = 20\ \Omega$.

Figure 5.50

Repealed Problem 4.22 for $R = 20\ \Omega$.

Figure 5.51

Repealed Problem 4.23 for $R = 20\ \Omega$.

Figure 5.52

Repealed Problem 4.24 for $R = 20\ \Omega$.

Figure 5.53

Repealed Problem 4.25 for $R = 20\ \Omega$.

Figure 5.54

Repealed Problem 4.26 for $R = 20\ \Omega$.