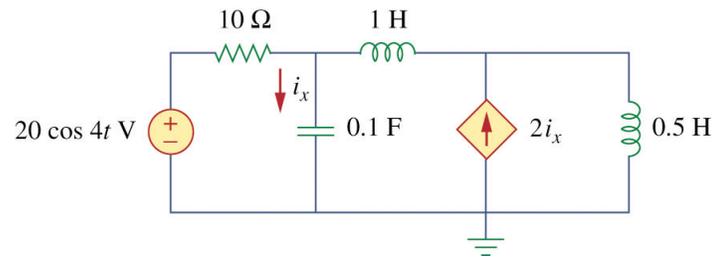


Lesson 20: AC Circuit Analysis 1

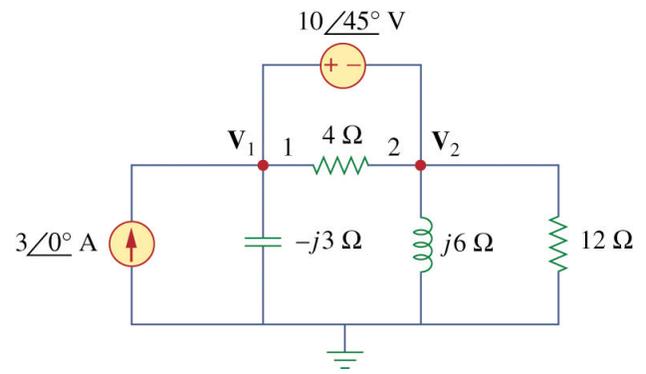
Example Problem 1

Find i_x using nodal analysis.



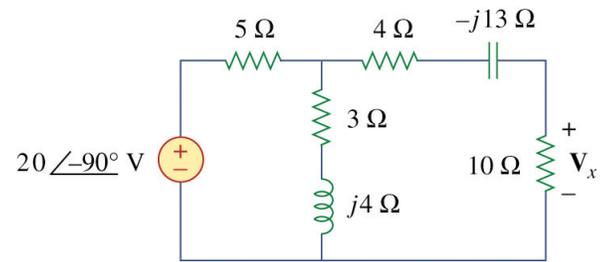
Example Problem 2

Compute V_1 and V_2 .



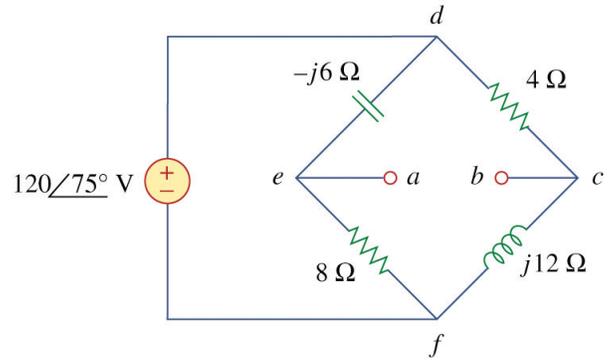
Example Problem 3

Calculate V_x using the method of source transformation.



Example Problem 4

Obtain the Thévenin equivalent at terminals $a-b$.



Example Problem 5

Obtain the Norton equivalent at terminals $a-b$. (note: same circuit as Problem 4)