Homework # 2: Chapter 2

Instructor: Matthew Shuman

Nodes, Branches, and Loops

1. 2.7 in Text

2. 2.12 in Text

3. 2.17 in Text

4. 2.21 in Text

5. Solve for every voltage and current in the circuit shown in figure 1. Note that F1 is a current dependent current source. It multiplies the current going through the .7 volt source by 100.

Figure 1: This is a schematic and netlist of a current dependent current source