

EE100 Summer 2005 PSPICE Supplement

I. Objective

Understand how to do bias point (DC) analysis in PSPICE¹.

II. Prelab

Consider the circuit shown below.

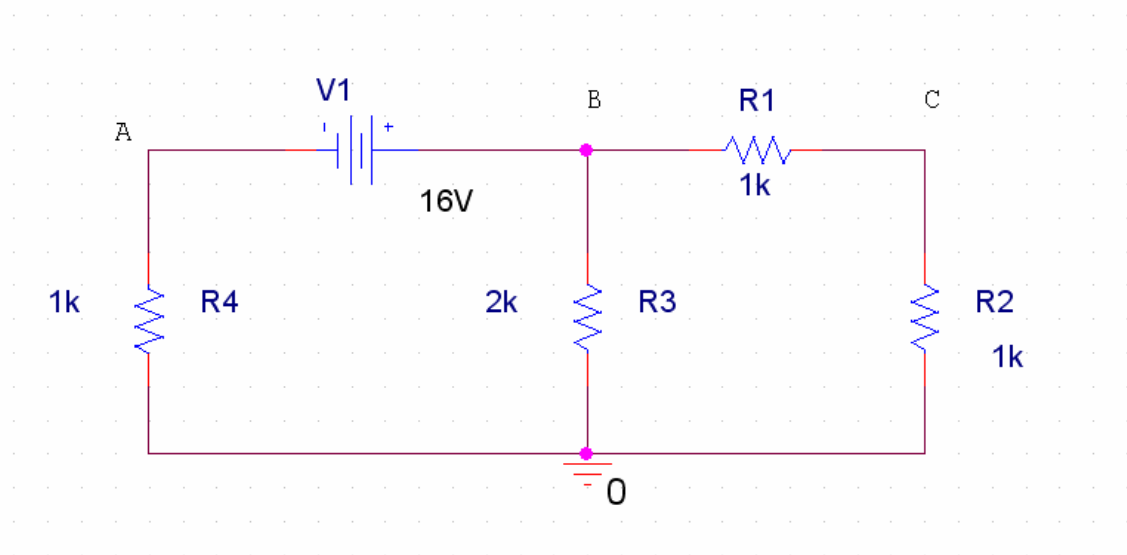


Figure 1. Circuit you will construct in lab

Using PSPICE, solve for the current through R3 (the 2k resistor) flowing from node B to ground. You may want to solve the circuit by hand (inspection?) first. **Take a screen shot of the solution from PSPICE and hand it in to the TA as your prelab.**

III. Lab Report

There is nothing to turn in, but measure the current through R3 (the 2k resistor) and show it to your TA for check off.

¹ Thanks to Justin Opatkiewicz for suggesting this lab.