## UNIVERSITY OF CALIFORNIA AT BERKELEY College of Engineering Department of Electrical Engineering and Computer Sciences

## EE105 Lab Experiments

## **Report 1: Introduction to SPICE**

Name:

Lab Section:

Attach your netlists and plots in the order you created them for the lab. For 3.1, only include one netlist for one transient analysis step time. **Remember to print with a white background.** 

- 3.1.4 What is the value measured from the graph? How does the value from the graph compare to the value you'd expect from the RC time constant?
- 3.1.5 What is the value measured with the .measure statement? How does the result of the .measure statement compare to the result from the graph?

3.1.6 What effect does changing the step time have on the result of the .measure statement?

3.3.2 What is the voltage gain?