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?