UNIVERSITY OF CALIFORNIA AT BERKELEY

College of Engineering

Department of Electrical Engineering and Computer Sciences

EE105 Lab Experiments

Experiment 0: Introduction to Cadence

Student Name:

Student ID:

Lab group: Monday 11-2 / Tuesday 11-2 / Wednesday 8-11 / Wednesday 5-8

# Cadence Tutorial

# DC simulation - resistive divider

A screenshot of the ADE window with the simulated result:

# AC and transient simulation - RC low-pass

A parametric sweep plot of the AC transfer function magnitude and its value at 1KHz:

A parametric sweep plot of the AC transfer function phase and its value at 1KHz:

A transient plot of the voltage at out\_RC node:

# General Comments, Feedback, Found Typos, …