

## EEE314-HW1

1. Simulate the common-emitter and common-base characteristics of the 2N2222 transistor. Use 5Spice as a schematic editor, and use SpiceOpus for the actual simulations and plots.
2. Design an RTL inverter using the 2N2222 transistor and plot the transfer characteristics. Use 5Spice for both the schematic entry and simulation.
3. Questions 3-4, 3-6, 4-9 from the textbook.

Due next Monday.