

100 pts Project #3 Lab Work: Get this checked by your TA

50 pts NOTEBOOK:

- 5 pts 1. Check that their lab notebook is organized.
- 10 pts 2. Description of the project and design work.
- 5 pts 3. Simulation results and hand analysis are present.
- 30 pts 3. Comparison table between hand analysis, simulation, and measurements for DC current and voltage values (voltages at each node of transistor and current through each branch) for each stage, gain for each stage and overall gain, R_{in} and R_{out} .

50 pts PROTOTYPE:

- 20 pts 1. Verification that the gain is at least 60V/V amplification.
- 30 pts 2. Can audibly hear a voice amplification.