

EE 322 Advanced Analog Electronics, Spring 2008

Homework #10 Assignment

1. Horowitz & Hill exercise 7.6
2. Horowitz & Hill exercise 7.7
3. Derive the expressions for the output voltage in terms of the input voltage for both the inverting and non-inverting current-feedback op-amps, then show how they can be reduced to the corresponding expressions for standard voltage-feedback op-amp circuits by making suitable approximations. (Since we already know the answer you will only get full credit for this problem if you include enough steps in your derivation that it can be followed easily).