



1. What type of amplifier is drawn above? (common base, common collector, common emitter or emitter follower). (2 pts)

2. Please draw the small signal equivalent circuit for the circuit drawn above. (4 pts)

3. Write an equation for the input resistance observed by the source in terms of DC operating conditions (i.e. I_B , I_C , β , etc.) You do not need to actually solve for the DC operating point. (4 pts)