Lecture 11 -- Common Base Amplifiers, Active Loads and Cascodes

Draw a common base amplifier and list a common application

What are Rin, Rout and Av of a common base amplifier

Describe how to develop a T-model for common base amplifier analysis

What is the current gain of a common base amplifier?

Why is it hard to bias a common base amplifier?
Draw a common emitter amplifiers loaded with diodes and PNP devices. What are their \( r_{in} \), \( r_{out} \), \( A_v \), \( V_{OMAX} \) and \( V_{OMIN} \)?

Draw a CE-CB multistage amplifier (often called a cascode amplifier) loaded with a current source. What is its \( r_{in} \), \( r_{out} \), \( A_v \), \( V_{OMAX} \) and \( V_{OMIN} \)?