Lecture 10 -- Common Base Amplifiers and Project Q&A

Why is a voltage gain, Av, expressed in decibels as 20*log(Av) while a power gain, Ap, is expressed in decibels as 10*log(Ap)

How many decibels correspond to voltage gains of 10, 100, ½ and ¼ ?

Draw an emitter follower and list two common uses of the amplifier.

What are Rin, Rout and Av of an emitter follower?

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?