Lecture 14 -- CE Dynamics and Miller

Why does it take an especially long time to get a BJT out of saturation?

What is the exact transfer function of a CE amplifier?

Why is there a right hand plane zero in the numerator? How does it affect the step response?

What is the location of the dominant pole?

Why do we need approximate bandwidth estimation techniques?

Draw a cartoon/schematic explaining the Miller effect

What is the dominant pole location calculated for a CE amplifier using the Miller approximation?

What does the Miller approximation leave out?

What is the transfer function of an emitter follower? What part of it confounds bandwidth estimation techniques?