Lecture 17 -- CE Dynamics and Miller

What is the exact transfer function of a CE amplifier?

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

What is the location of the dominant pole and the second order pole?

Why do we need approximate bandwidth estimation techniques?

Draw a cartoon/schematic and record a derivation 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?

Extras:
Why does it take an especially long time to get a BJT out of saturation?
What is the transfer function of an emitter follower?
What part of the EF transfer function confounds bandwidth estimation techniques?