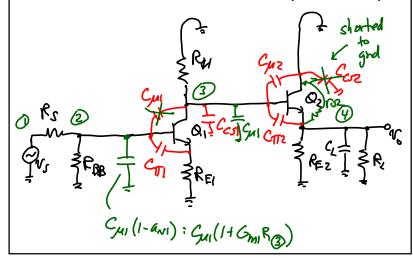
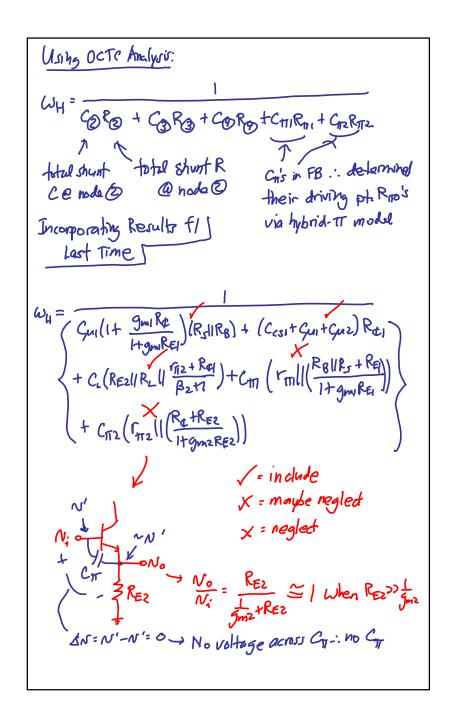
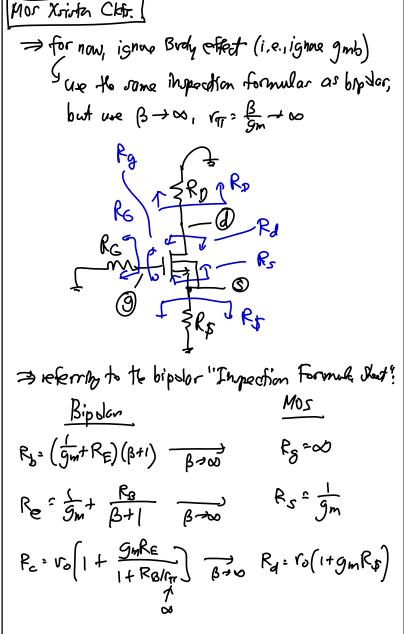
Lecture 33: MOS Inspection Analysis · Announcements:

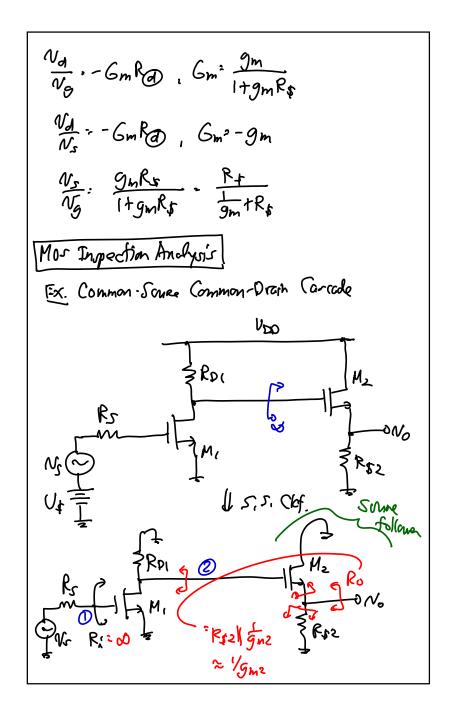
- · HW#10 online and due Friday Nov. 16
- Midterm Friday this week, Nov. 9, @ 5 p.m., in 277 Cory (just like last time)
 - ♦ We will have 2 hours for this exam
 - Midterm Info Sheet online
- · Lab 6 online and due 5 p.m., Friday, Dec. 7
- -----
- · Lecture Topics:
 - Multi-Transistor Example (Inspection Analysis)
 - -Input/Output Resistances
 - -Gain
 - -High Frequency
 - **MOS** Inspection Analysis
- · Last Time:
- Practically finished high frequency cut-off
- · Finish it off, then move to MOS inspection analysis



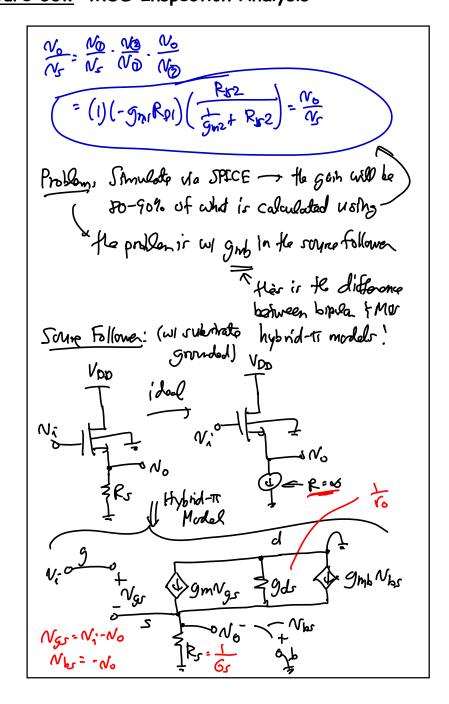


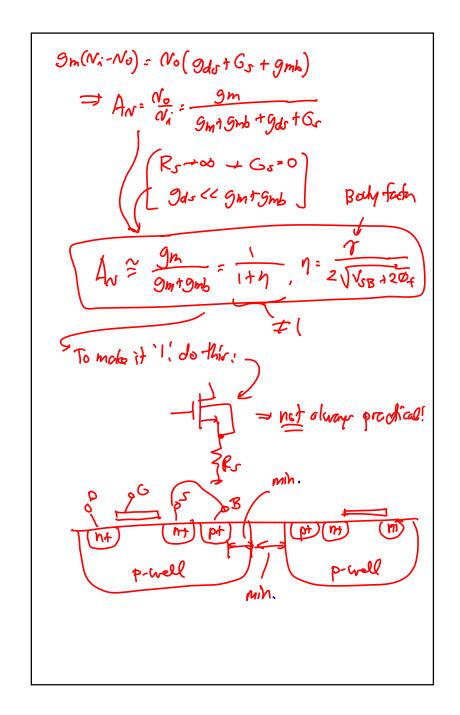
Lecture 33w: MOS Inspection Analysis Mos Xsista Ckfr. > for now, ignore Brdy effect (i.e., ignore gmb) Use the same inspection formular as biplier, but use B -> 0, rom = Bm - 0 => referring to the bipolar "Inspection Formula Meet! Bipolon





EE 105: Microelectronic Devices & Circuits Lecture 33w: MOS Inspection Analysis





<u>EE 105</u>: Microelectronic Devices & Circuits Lecture 33w: MOS Inspection Analysis

