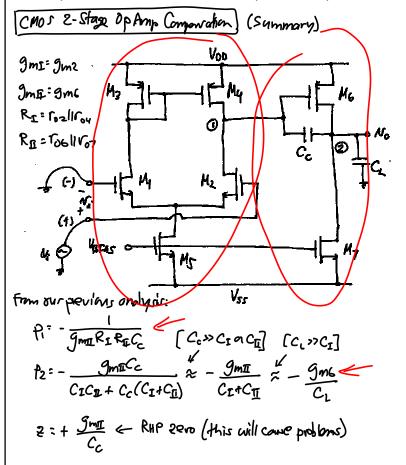
Lecture X: RHP Zero

- Announcements:
- Yep, I'm a substitute teacher
- · Lecture Topics:

♥ Nulling the RHP Zero

- Not sure, but I'm told that you've already derived the poles and zero of a two-stage CMOS amp
- · And you understand how to compensate by



Ramarks

Note that as Cc↑ → |p, |+ }

Description

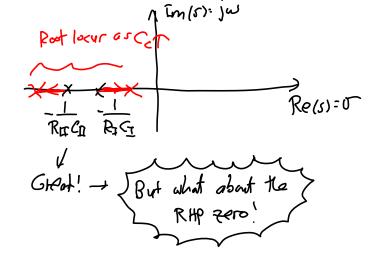
As Cc↑ → |p2|1 → |p2|- gmt

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Pole-plithing

3 With C=0 (ie, before compensation)

4) On a puletzen diggram:



- · Now, go through the handouts:
 - Review of Pole/Zero Plots
 - **♥RHP** Zero
- · These give a general picture of how a RHP zero can hurt stability (but a LHP plane zero can really help)

