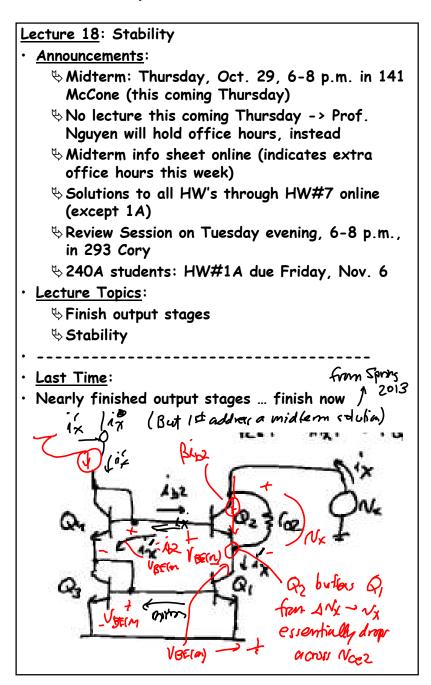
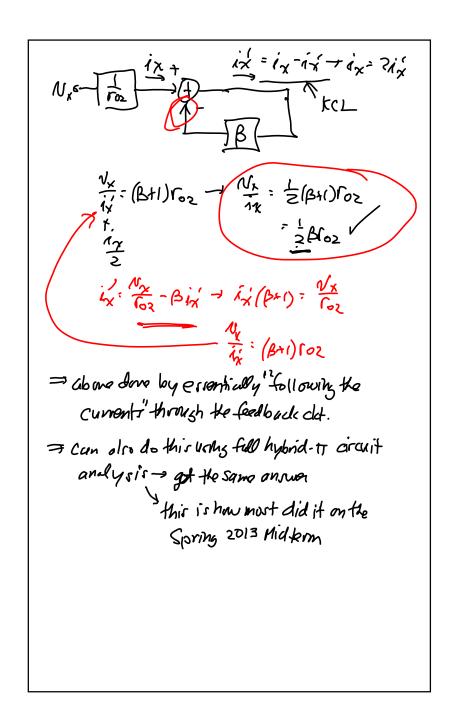
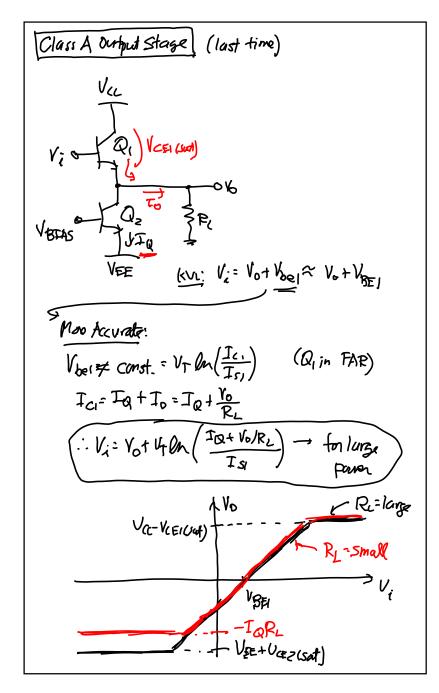
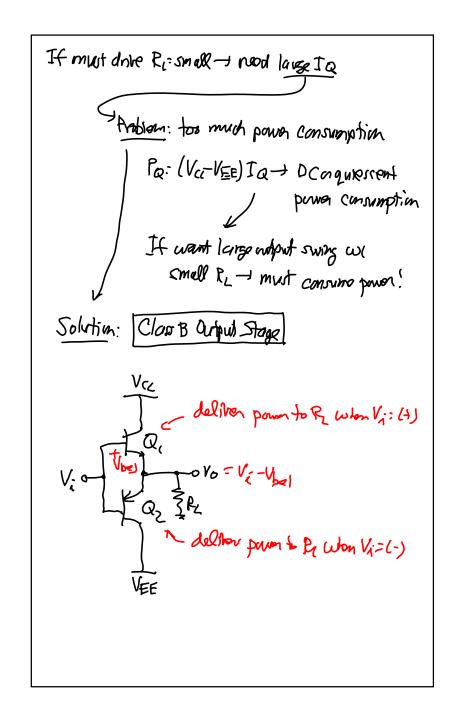
EE 140/240A: Analog Integrated Circuits

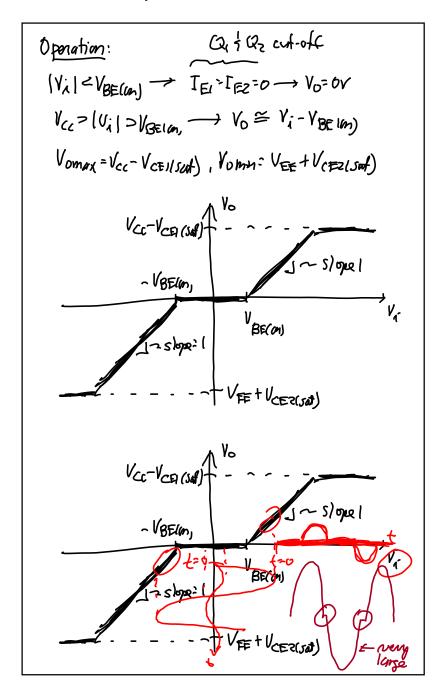


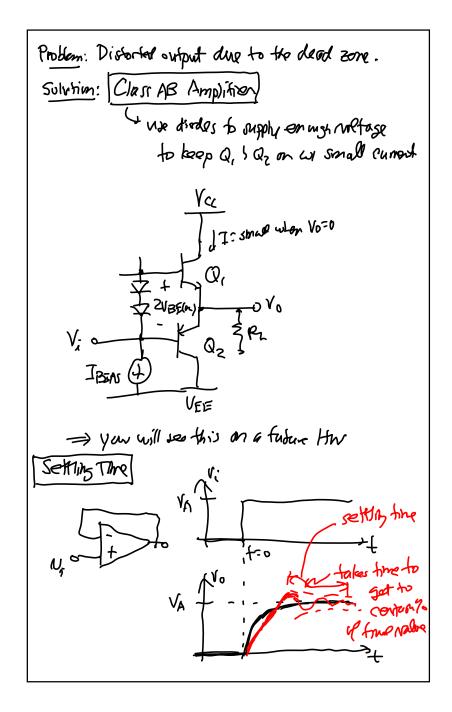


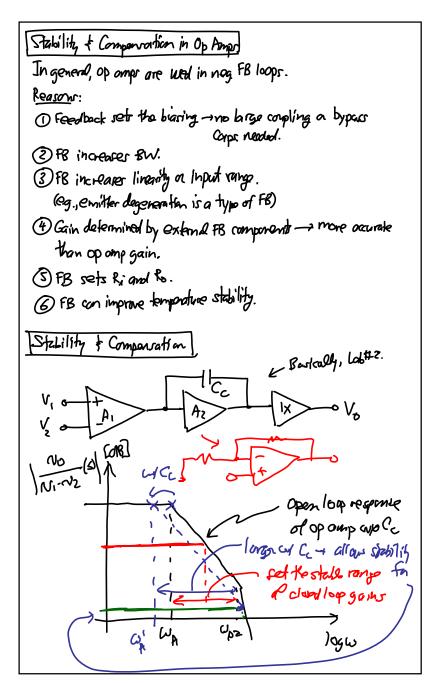
EE 140/240A: Analog Integrated Circuits

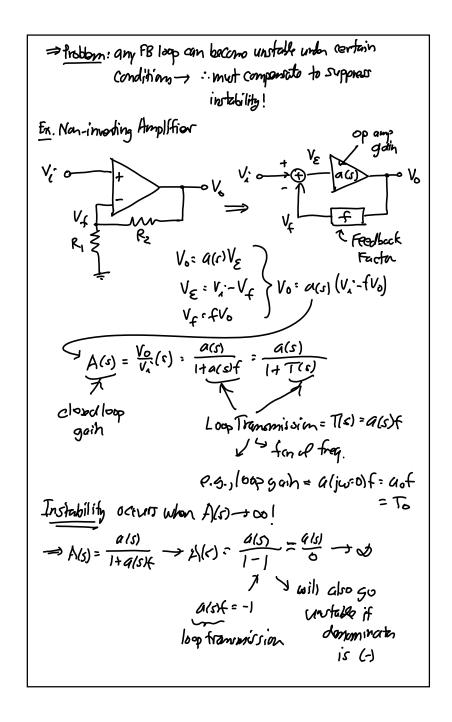




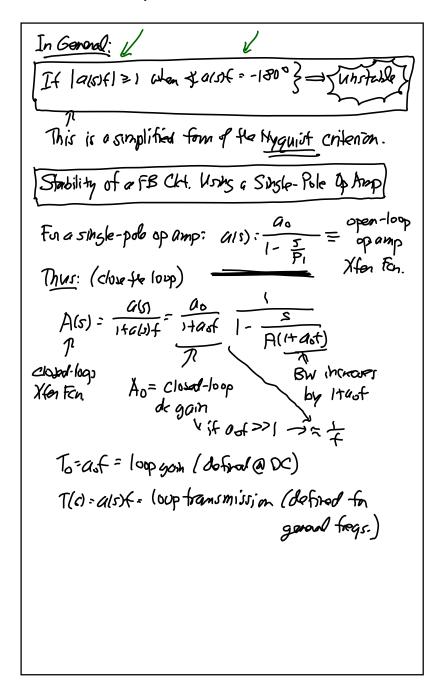


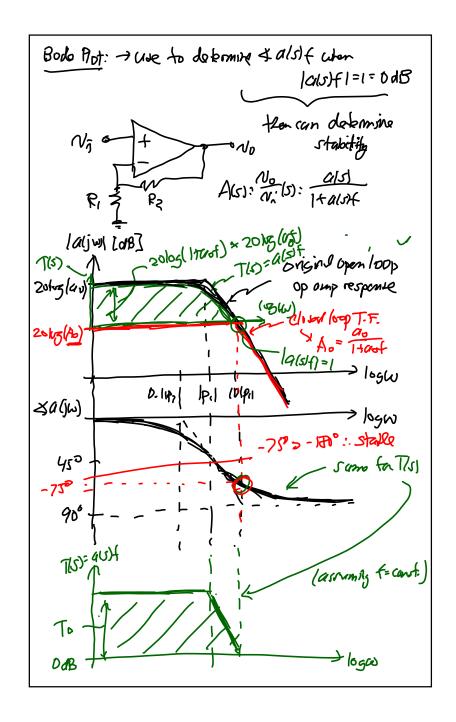






<u>Lecture 18w</u>: Stability





Lecture 18w: Stability

w/f=conf Remarks: 1) For the case of a single-pole op amp, FB can never reach \$ 9(5)f = -180° (90° is the limit.) 2 Thus, a single-pole op amp in FB W f: const., i.e., f 7 function of s=jw, is always stable! But in reality, any op amp will have more than one pule - two poler got to als) f = -180° instigate instability use a Bud plat to invertigate