Int sheet 4: EE 302-52 brief solutions Or-1,2 -> Sent already. 50-15 Q-3: (a) \$0 > 1 = 17 dond bop closed loop undoble stable. 8-4: -0-(E) 70 7/5 (closed loop) closed loop shall. $\frac{S-1}{S+2}$ (rost lous gues to 3ew) ∠

RHP (b) 1+2 settly tim is 4 seconds wherem closed loop poles are nonced. 09 y 1/2 doud scilabin to plot & chede. (use - n(s) for k < 0). (either k 20 or k 70) applies to this G(s).

