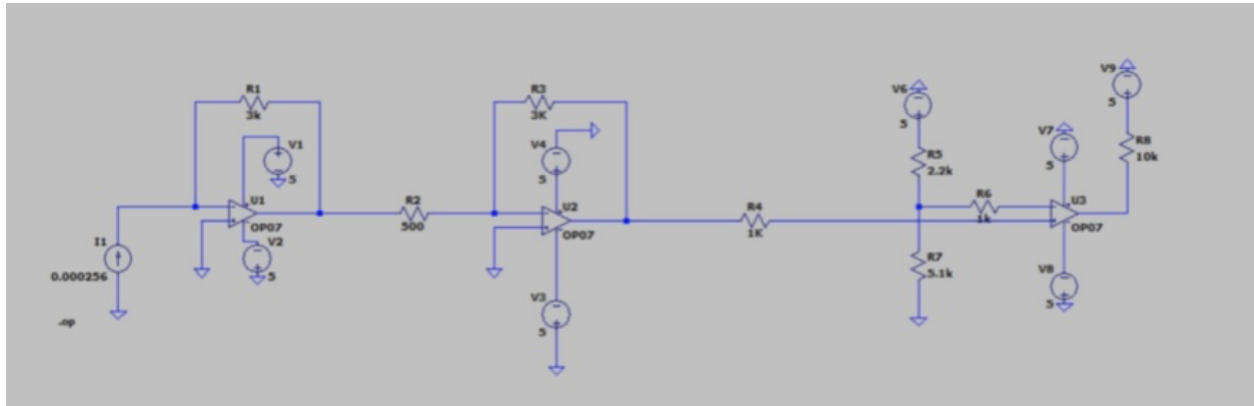


ECEN 214
PRE-LAB 5

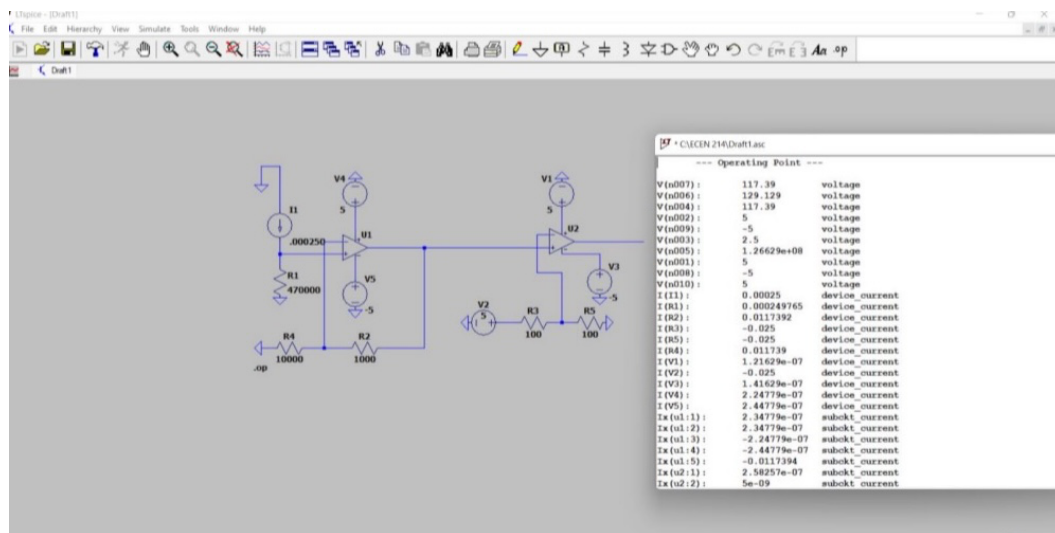
JOAQUIN SALAS

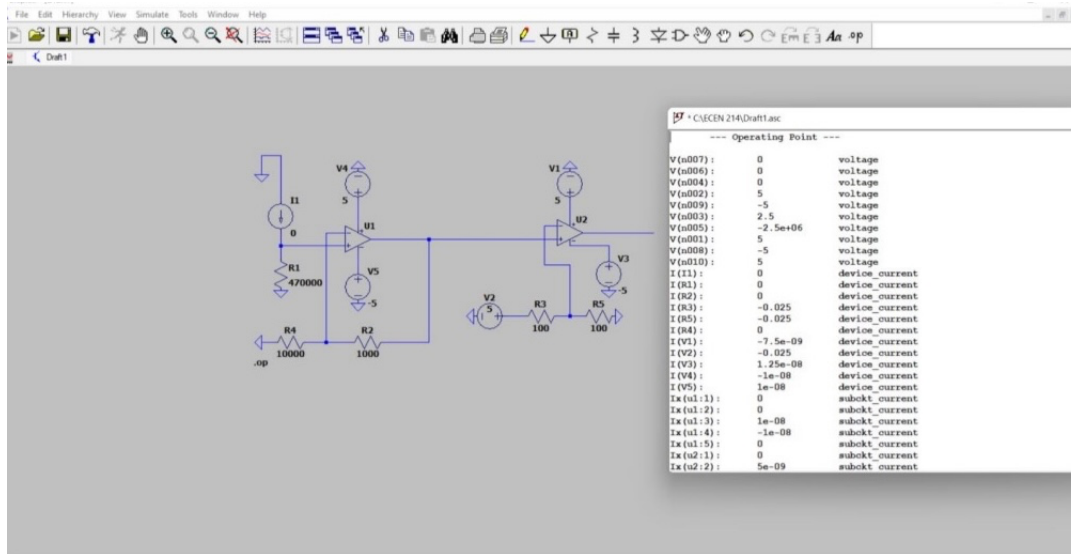
SECTION 502

Part A.



Part B.





Part C.

- L, H, H for S, R, and Q respectively
- H, H, no change for S, R, and Q respectively
- H, L, L for S, R, and Q respectively
- H, H, no change for S, R, and Q respectively

Part D.

- Green is on and red is off
- Green is off and red is on
- At $V = 0$:

$$-R = 5 - 0.7V / 10 = 0.430 \Omega$$