Homework #6

20152052

SoonHee Park

1. Calculate the integrated electron density as a function of the gate voltage using selfconsistent solution.

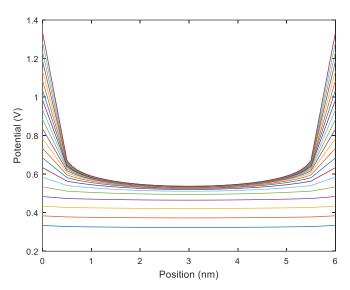


Figure 2. Potential as a function of position with different gate voltage

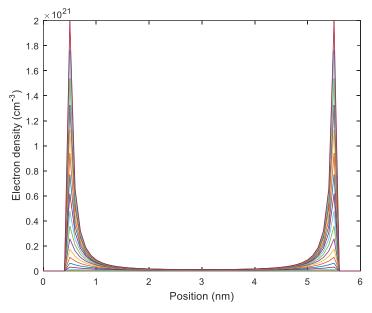


Figure 1. Electron density as a function of position with different gate voltage

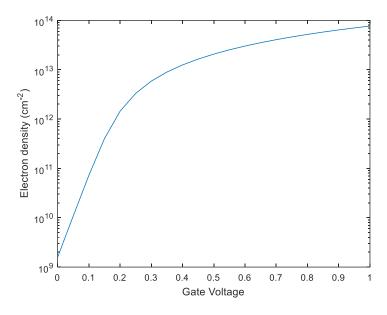


Figure 3. Integrated electron density as a function of gate voltage