

Homework #7

20152052

SoonHee Park

Calculate integrated electron density (/cm²) as a function of the Fermi level (-0.1 eV ~ 0.1 eV) for 5-nm-thick potential well.

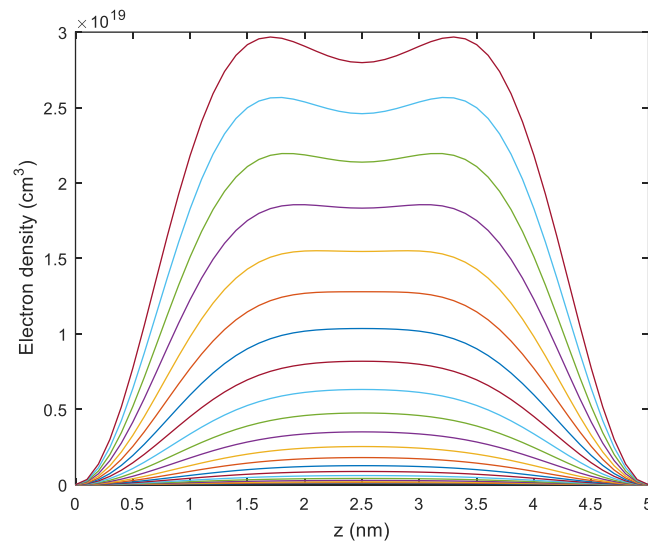


Figure 1. Electron density as a function of length with different Fermi energy

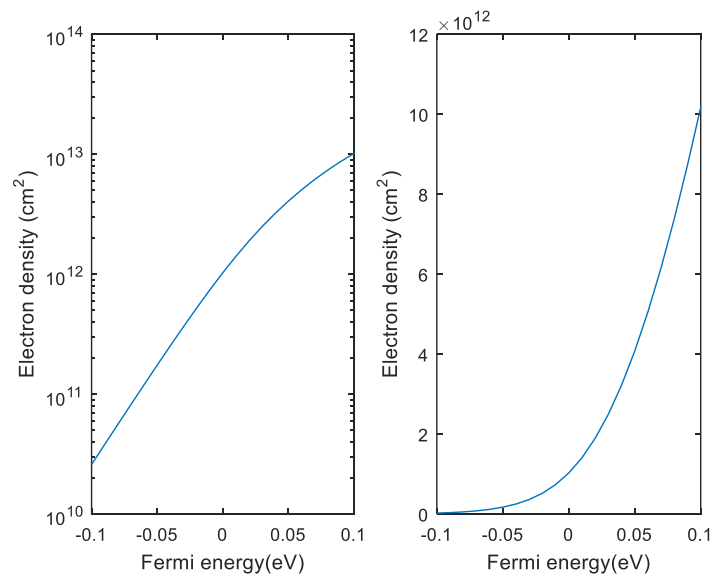


Figure 2. Integrated electron density as a function of Fermi energy