

ECE 441 (Spring 2009) HW #1  
Due: **Friday, January 30<sup>th</sup>, 2009**

1. Muller & Kamins 1.3. Replace the hint with: “*Hint:* Use equations (1.1.21) and (1.1.22) in the textbook together with the equations in Lecture Notes 2 regarding the impurity statistics.”
2. Muller & Kamins 1.11. Parts (a) and (b).