

## **ECEn 662R - Electromagnetic Properties of Materials**

### Homework 7

All problems come from *Introduction to the Physics and Chemistry of Materials* by Robert J. Naumann unless otherwise specified.

1. Chapter 18 Problem 1.
2. Chapter 19 Problem 1.
3. In the book are various band diagrams for materials, copper and aluminum, silicon and gallium arsenide. Compare the different band diagrams and how they reveal properties of the materials.