

## **P-N Junction with Bias**

**Objective:** Basics of modeling

**Outline:**

1. Quasi-Fermi levels
2. Depletion region relations
3. Current relations in the neutral regions
4. Law of the junction

Reading: 4.6

(Homework Assigned on Monday:

**4.13, 4.14 a-g, 4.1.7, 4.20, 4.24, 4.25)**