

Do problems from chapter 3:
1, 2, 3, 25

Do Problems from Chapter 4:
3, 5, 11,16,

Using the data provided in the online excel worksheet extract, RS, IS, and n for all 4 diodes. One diode curve is calculated from the equations in the book, another from the spice, another from Sentaurus TCAD, and another from actual measured data from the IC lab. Try to ID which curve is from what kind of data. (<http://www.engr.sjsu.edu/dparent/ee221/diode.xls>)