

Math. Methods in Decision Making  
D Term, Sections D01-D02  
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## **Week 2: Reading and Exercises**

### **Reading**

Pages 218–236 in Chapter 5 (Simplex Method), pages 89–97 in Chapter 3 (Intro. to Sensitivity Analysis) and pages 264–269 in Chapter 6 (Dual Prices and Range of Optimality).

### **Practice Exercises**

NOTE: Do not hand in.

Here are some practice problems to work on at home.

If you have any questions about them, please discuss them in conference or come see me.

- pages 254–262, # 1, 2, 4 [do part (a), then write down the initial tableau], 7, 9, 10, 13, 14, 19, 30.
- For each of the above problems — where appropriate — write down all dual prices and verbally interpret each one in the context of the problem.

**Important Reminder:** The first test has been re-scheduled to Monday, March 26 (in class). Friday, March 23 will then be conducted as a regular lecture.