

Fourth Homework Assignment for Math 308

Due: Thursday, March 18th.

Reminders:

The midterm exam will be held in class on **Tuesday, March 9th**. It covers up to the end of Chapter 6.

All section references are to the Vanderbei text.

Problems to hand in:

Chapter 6 exercises 3 and 6.

Chapter 7, exercises 1 and 2.

Solve the linear program from exercise 9.1 by creating a spreadsheet and using the Solver function in Microsoft Excel. To submit your answer to this question, print the final spreadsheet and, in writing list the contents of any cells that have formulas in them along with the information entered into the “solver parameters” window.

Hints: Solver is an “Add-in” to Excel, it is not installed by default. So you may have to install it by going to Excel Options and then Add-Ins. Once installed it appears in the Data menu.

Some other problems you could try:

To familiarize yourself with the notation of Chapter 6, you could also try Exercises 4 and 5.

Reading for the next few weeks:

For Thursday, March 4th, Chapter 7, Section 1.

For Thursday, March 11th, browse Chapter 7, Sections 2 and 3.

For Tuesday, March 16th, Chapter 11, Section 1.