

Assignment 20 (11/17)

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*This homework is due at the beginning of class on **Wednesday** 11/22. You may cite results from class as appropriate. Unless otherwise stated, you must provide a complete explanation for your solutions, not simply an answer. You are encouraged to work together on these problems, but you must write up your solutions independently.*

You are encouraged to think about the problems marked with a () if you have time, but you don't need to hand them in.*

Remember that you can always use the result of the previous assignment problems without proof to solve the new assignment problems.

Problem 1

Problems from Linear Programming: Foundations and Extensions, by Robert J. Vanderbei. The book is available [HERE](#).

Read chapter 1. Then do problems 1.(1, 2).