

28. Consider Homework Problem 9. Do a graphical sensitivity analysis similar to Example 6.1 from the lecture notes. In particular, discuss what happens if the price for bock beer or the price for export beer changes, and also if the hops resources or the barley resources change. When will the current basis still remain optimal? What will change if it does not remain optimal?
29. Work on problem 5 of Section 6.1 in the textbook.
30. Consider Homework Problem 19. Apply methods as in Example 6.3 (a) from the lecture notes to derive the optimal tableau.
31. Work on problems 1 and 2 of Section 6.2 in the textbook.
32. Discuss changes of the objective function coefficient of chairs as well as changes in the rhs of the lumber and of the carpentry constraint for the Dakota problem (refer to Example 6.4 in class).
33. Work on problems 6 and 7 of Section 6.3 in the textbook.