Integer Programming 308-761B

Homework 3 Due: Monday, March 1, 1999

Exercises from Integer Programming, L. Wolsey

1. Ch. 3, P.50, Ex 3.

2. Ch. 7, P.109, Ex 4. Do it by hand!

3. Ch. 8, P.134, Ex 3.

4. Review sections 7.5, 7.6 and your CPLEX output for the case study you did in the last assigment. Try to see what optimizations CPLEX performed during the preprocessing step, and justify them theoretically. Eg. if CPLEX eliminated some inequalities, prove they are redundant. Similarly for variables that were removed. Hand in the your case study again so I can check your work.