

Problem Set #7

IE 316

Due November 21, 2001

1. 5.8
2. 5.10
3. 7.2
4. 7.9
5. Develop an AMPL model to solve the column generation subproblem for the cutting stock problem from the last homework, as we discussed in class. Note that input data for this model must include the optimal dual solution from the current restricted linear program. Note also that the solution to the subproblem must be integer-valued. You can require a variable to be integer by placing the keyword “integer” after the variable name at declaration. Test your model by generating a column for the instance from the last homework.