

Assignment#4.1

(Transportation Problem)

Each student will use his/her own data sheet by the student number in Class Roster(CR).

- A) Solve for the minimum cost solution(s) by these two methods.
 - 1) Tableau Method (by hand). Show all the steps in paper(pdf).
 - 2) Linear Programming (LP) method. Formulate the LP model in paper(pdf) and use Excel Solver to solve for the optimal solution.
- B) Which plant(s) is(are) operating at full capacity? If their capacity can be expanded by one ton of output, how much saving on the transportation cost can be achieved?