DM85 Networks and Integer Programming — Ugeseddel 3

OPL studio 3.7   The manuals are available for the homepage for just a few days more. Please observe the conditions for printing them!

Lecture on February 12, 2007:   I recalled basic concepts on linear programming and the simplex method. We also dicussed duality in linear programming.

Lecture on February 16, 2007:   We will discuss the remaining exercises from Weekly note 2 and start with Chapter 3. I will also introduce flows from the handout material. We will follow that treatment rather than the much less detailed one in the book.

Lecture on February 19 2007:   This is cancelled instead you should do the following exercises yourself. 2.8.1, 2.8.2, 2.8.3, 2.8.5, 2.8.8, 2.8.9. In Exercise 2.8.2 line 5 should say "..of the nodes by cliques." You should also read the handout material on project scheduling so that we can cover that and some more sections on flows on the 23rd.

Lecture on February 23, 2007:   Project scheduling based on the handout chapter from Hillier and Lieberman. Flows based on handout chapter by Bang-Jensen and Gutin.

Lecture on February 26, 2007   will be moved to February 27 at 12-14 in the seminarroom. Probably the same will be the case for the class on March 12 (moved to March 13 at 12-14). more about that later.

Handout material on February 16, 2006:

- Chapter 3 from the book "Digraphs: Theory, Algorithms and Applications", by Bang-Jensen and Gutin, Springer Verlag 2001.

- Chapter 10 from "Introduction to Operations Research", by F.S. Hillier og G. J. Lieberman , McGraw Hill 2001