Linear and Integer Programming (ADM II)

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Programming exercise 2
Deadline: 11 Feb 2008

Write a program that implements the network simplex algorithm in JAVA or C/C++.

Your implementation should be able to solve minimum cost flow problems for networks with upper capacities, read from a file. Test files and more detailed information will be available on the website.

A source for useful information about the efficient implementation of data structures for the network simplex algorithm is

- *Ahuja, Magnanti, Orlin*, **Network Flows**, Prentice Hall, Upper Saddle River, 1993

or the exercise session on 21 Jan, where some topics will be discussed.

Hand in the source code of your program by mail to `awerner@math.tu-berlin.de` by Monday, 11 Feb. Additionally, there will again be short presentations during the unix-pool priority times of the last week of semester.