Institut for Matematik & Datalogi
Syddansk Universitet

January 21, 2003
JBJ

DM69 — Ugeseddel 1

Wellcome to the course DM69!

Literature

We shall use "Introduction to algorithms" af T.H. Cormen et al. It has arrived in the bookstore. Besides this book we will use several sets of suplementary notes which will be handed out at the lectures or made available via the "hyttefad" for the course or the www page.

Evaluation

Oral exam graded according to the 13-scale. The exam date will be decided together with the participants.

Some important information:

- Classes are monday 16-18 and friday 12-14 in IMADA's seminar room.
- The classes do not start before monday February 10. In the first week I will use both classes for lectures.
- The weekly notes (ugesedlen) will normally be available tuesday mornings both in print and on my www page under courses. It will contain the following informations:
  - What was covered at the last lecture.
  - What will be covered at the next lecture.
  - Exercises will always be posed one week in advance (I hope).
- Note that all the exercises are part of the course curriculum (pensum). Thus it is strongly advisable both to attempt to do all of the exercises and to show up at the wednesday classes. As the exam is oral I will pose several proof exercises during the course. A few of these may be posed as voluntary home assignments that you can hand in to the instructor for evaluation. This way you may train your ability to explain proofs etc.

Lecture on February 10, 2003

I will give a brief overview of the course and then cover sections 24.1-24.2, 25.1-25.2. You should recapitulate Dijkstra's algorithm and the pages 580-587 before the lecture.

Lecture on February 14, 2003

Flows in Networks 26.1-26.2.