Institut for Matematik og Datalogi
Syddansk Universitet

February 9, 2009
JFB

DM508 – Algorithms and Complexity – 2009
Lecture 4

Lecture, February 9

We began on NP-completeness, from chapter 34 in the textbook and the section by Papadimitriou and Steiglitz from the course notes.

Lecture, February 16

We will continue with NP-Completeness, covering Cook's Theorem and possibly beginning on some reductions from known NP-Complete problems.

Lecture, February 18

We will continue with NP-Completeness, covering more reductions from known NP-Complete problems.

Problems to be discussed on February 19

Do problems:

1. 34.3-7.
2. 34.4-4, 34.4-5, 34.4-6, 34.4-7.
3. 34.5-1, 34.5-2, 34.5-4 (you may check on pages 1044–1045 for a hint).