Randomized Algorithms (DM839) — Ugeseddel 8

NB: There are no classes Friday, March 28   This is to give those that have an exam in DM205 some time to prepare. I plan to have classes on April 2,7 and 9. After this you will work on the project until May 14.

Stuff covered in week 12

- MU exercises 6.7, 6.9, 6.18

- An algorithmic version of Lovász local Lemma. We used the notes by Rubinfield which I sent you a link to.

- MU Sections 7.3-7.4

Classes monday March 24, 2014

- MU Exercises 7.10, 7.21, 7.22, 7.24

- Color-coding, Section 10.2 in my book (with Gutin) on digraphs. There is a link to a free copy of that on the course page. You should also download the paper "Color-coding: a new method for finding simple paths, cycles and other small subgraphs within large graphs", extended abstract, by Noga Alon et al. Just google the title and you will find it.

Classes Wednesday March 26, 2014   MU Chapter 13.