Schedule for Algebra 1 (2012)
Aalborg University

We will go through the following material from the book: [Lau] Niels Lauritzen, "Concrete abstract algebra", Cambridge University Press, 2003. ISBN: 978-0-521-53410-9.

- Lecture 1: Pages 1–8

- Lecture 2: Pages 8–13

- Lecture 3: Pages 13–17

- Lecture 4: Pages 17–24

- Lecture 5: Pages 19–21 + 24–26 (1st self-study)

- Lecture 6: Pages 24–29 (2nd self-study)

- Lecture 7: Pages 50–57

- Lecture 8: Pages 60–64

- Lecture 9: Pages 57–60 (3rd self-study)

- Lecture 10: Pages 64–67

- Lecture 11: Pages 68 + 70–72

- Lecture 12: Knapsack cryptosystem (4th self-study)

- Lecture 13: Pages 68–70 + 223–227 (5th self-study)

- Lecture 14: Coding Theory (6th self-study)

- Lecture 15: Coding Theory (7th self-study)

- Lecture 16: Pages 72–78

- Lecture 17: Pages 76–83

- Lecture 18: 76–78 (8th self-study)

- Lecture 19: 83–86

- Lecture 20: 160 (9th self-study)

- Lecture 21: Exercises (10th self-study)

- Lecture 22: 86–88 + 92–100

- Lecture 23: 92–100

- Lecture 24: 86–92 (11th self-study)

- Lecture 25: Rubick's cube (12th self-study)