

Schedule for Algebra 1 (2011)

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
- Lecture 6: Pages 24–29
- Lecture 7: Pages 50–57
- Lecture 8: Pages 60–64
- Lecture 9: Pages 57–60
- Lecture 10: Pages 223–227
- Lecture 11: Pages 64–67
- Lecture 12: Pages 60–67
- Lecture 13: Pages 68–72
- Lecture 14: Pages 68–69 + 71–72
- Lecture 15: Pages 72–78
- Lecture 16: Pages 76–78
- Lecture 17: Page 160
- Lecture 18: Exercises
- Lecture 19: Pages 78–83
- Lecture 20: 10-12 + Knapsack cryptosystem
- Lecture 21: Pages 83–86
- Lecture 22: Pages 86–88 + 92–100
- Lecture 23: Pages 86–92
- Lecture 24: Rubick’s cube
- Lecture 25: Pages 92–101