

Algebra 2 (2012)-Aalborg University

Lectures 8th and 9th, February 28th and March 1st

8th and 9th Lectures (C): Tuesday February 28th, 8:15–12:00 and Thursday March 1st, 8:15–12:00. I will not be present during these lectures, they are self-study.

You will read chapters 1, 2, 3 and 4 of [Kle] Israel Kleiner, “A history of abstract algebra”, Birkhäuser, 2007, and maybe some parts of chapter 8 as well. You should be aware that you are not familiar with every mathematical concept included in these chapters. For instance pages 55–58 might be difficult to read, however, you may read the book with different levels of understanding depending on whether or not you know the concepts in advance.

In the exam, there will be a question about history of algebra. You are supposed to answer this question in about 2 or 3 minutes. The question will be randomly chosen from a list of questions known in advance, actually, you will be the ones proposing them. Each group will propose 3 questions from the following chapters:

- Group G3-112: Chapters 1 and 4
- Group G3-114: Chapter 2
- Group G3-119: Chapter 3

You may also consider chapter 8 (biographies) to find material related to the chapter(s) you have been assigned. We of course expect you to propose relevant questions as, for example, “Gør rede for den rolle polynomielle ligninger har spillet for udviklingen af den abstrakte algebra”.

We can discuss together whether the “nominees” are acceptable.

Best regards,

Diego