

Algebra 2 (2013)-Aalborg University

Lecture 7th, February 26th

7th Lecture (C): Tuesday February 26th, 8:15–12:00. I will not be present during this lecture, it is self-study.

During this lecture and an additional self-study lecture at a later point, you may 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 G4-103: Chapter 1
- Group G4-105: Chapter 2
- Group G4-107: Chapter 3
- Group G4-117: Chapter 4

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