

Algebra 2 (2014)-Aalborg Universitet

Spiseseddel 9

9. gang (C), onsdag d. 5. marts, 8:15-12:00.

During this lecture and additional self-study lectures 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. This book is on-line available through AaU library: [AUB link]

In the exam, there will be a question about history of algebra. You are supposed to answer this question in about 2 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 G3-114: Chapter 1
- Group G3-106: Chapter 2
- Group G3-110: Chapter 3
- Group G3-112: Chapter 4
- Room G3-109: Chapter 1, 2, 3 or 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.

Med venlig hilsen,

Diego