

Algebra 2 (2014)-Aalborg Universitet

Spiseseddel 14

14. gang (C), onsdag d. 9. april, 8:15-12:00.

During this lecture 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. Each group will propose 3 questions. 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”.

- 8:15–11:30 In groups: Read [Kle] and discuss the 3 questions that you as a group propose.
- 11:30–12:00: Discuss in room G5-112 the 5 history questions for the exam. They should cover the different chapters of the book (I mean, do not select all the questions from the same chapter). One of you email Diego the 5 questions. I will give you feedback whether the 5 “nominees” are acceptable or not. If the questions are not ok, you may have to select one of the discarded questions (hopefully they will be ok...).

Med venlig hilsen,

Diego