

Algebra 3 2006

Seventh information sheet

6. October 2006

Course evaluation takes place until 8. October through the ISIS-system. Please participate. We especially welcome comments on the lecture notes of the course.

Lectures:

Lectures in the seventh and final week are expected to cover Chapter V.

Exercise sheets:

Exercises for the seventh week are available now. *Please spend part of the free time between 12:00 and 13:30 on tuesdays to prepare yourself for the exercise class, especially the “particularly recommended” exercises.*

The result of the **third compulsory exercises** will be announced at the SIS at the latest on 16. October in the late afternoon. The corrected exercise sheets may be picked up at the office of the lecturer (Room 04.1.14).

Information on the curriculum of the course:

We are going to cover all Chapters I-V of the notes. The following sections of the notes may be discussed briefly in the lectures but they are *not* part of the curriculum:

1. Symmetric polynomials pp. 2.9-2.12
2. Discriminant of a polynomial pp. 2.31-2.35
3. Construction of regular polygons by compass and straightedge pp. 4.15-4.17

Information about the written exam:

- The exam takes place on friday 3. November. Time: 10.00 - 13.00. Place: Peter Bangs Vej 36, E6. (Please check this information yourself!)
- You are allowed to bring your lecture notes and books and personal notes, eg. your solutions to the exercises from the exercise classes (recommended). Computers and calculators of any kind are not allowed.

- In the written exam there will be five exercises, each in several parts. Two of the exercises will be about group theory, three about the subjects treated in Chapters II-V. Parts of the exam exercises will be related to some of the exercises from the exercise classes.

- As in the case of the compulsory exercises your solutions will be awarded a point grade between 0 and 100. This will contribute 2/3 to your total grade for the course.

(Example:

Compulsory exercises: 95p, 89p, 100p.

Points for exercises is the average 95p.

Points for the written exam: 75p.

Points for the course $(75+75+95)/3=82p$.

Grade: 10.)

See

<http://www.math.ku.dk/sn/karakter.html>

for a translation between the points for the course and the grade. We use the “Nat-censor-form” You thus need at least 50 points for the course to pass it and at least 95 points to get the grade 13.

- The written exam will be corrected and your grades for the course will be announced at the SIS at the latest on Friday 10. November in the afternoon. If you have questions, you may contact the lecturer. *However be aware that the lecturer will be away 12.-26. November and he will not be able to answer questions during this period.*

- Good luck!

Finally: *Please check the course homepage a few times before the written exam. It may be updated with new information.*