About the exam in Complex Analysis (KomAn) November 6, 2013 and reexam January 29, 2014

The final test is a 3-hour written exam. The exam is divided into two parts, as described below.

In the first 90 minutes, you are not allowed to use any written material such as notes and books. In fact, you are only allowed to use a pen (or pencil) to write with (and an eraser). There will be questions about definitions, concepts, and theorems in the text. You can be asked to prove small results illustrating your understanding of the course or to prove major theorems from the text. In order to keep your preparations for the exam within reasonable time limits, you will only be asked for complete proofs among the following 15 key results:

- Theorems 1.6, 1.12
- Lemma 2.12
- Lemma 3.2, Theorem 3.8
- Theorems 4.8, 4.17, and 4.22
- Theorem 5.16
- Theorems 6.1, 6.21
- Theorems 7.1 and 7.3
- Theorem 8.3
- Theorem 9.7

After precisely 90 minutes, your answers to the first part of the exam will be collected and for the next 90 minutes you will be allowed to use your notes, books, pocket calculator, etc. However, you are not permitted to use any devices that can be connected to the internet such as laptops or phones. During the second half of the exam, you will be asked to solve problems by using the theory developed in the text. You may look into problems from previous exams in complex analysis to get an idea of which types of problems to expect.