

Session 10, March 24, 2011, 12:30–16:15

Note: Starting today the lectures will be given in English.

Program

1. 12:45–14:15 in G5-112. The remainder of the course is devoted to an introduction to Complex Analysis. The textbook is the lecture notes [AJ]. I will define the holomorphic functions and introduce the Cauchy-Riemann equations, see section 2 in [AJ].
2. 14:15–16:30 in groups. See the list of exercises below. Note that there is extra time for solving problems today.

Exercises Solve the exercises in the order posed.

1. Go through Example 17.7 in [PF]. Start by reading carefully the paragraph preceding this example. It explains the idea behind the example.
2. Section 17.2, Exercises 1, 2, 3, 4, 5, 6.
3. Exam June 2003, Opgave 1.
4. Exam June 2004, Opgave 3.

Arne Jensen