Information about Midterm 1

The second midterm will be on **11th October** from 3.30pm to 4.50pm in the usual classroom MATX 1100.

The material for the midterm is everything since the beginning of the term; namely all that was covered for the first midterm in addition to

§1.6 Inverse Functions and Logarithms

§3.5 Implicit Differentiation

§3.6 Derivatives of Logarithmic Functions

§3.8 Exponential Growth and Decay

§3.9 Related Rates

§3.10 Linear Approximations and Differentials

§Taylor Polynomial (Course Notes)

§Substitution in Taylor's Formula

The midterm is all-inclusive (hence it is important that you know the fundamental notions of the beginning of the term), nevertheless the focus will be on the sections listed above.

How to Best Prepare for the Midterm?

For each section of the book there are usually two or three major points that are crucial for a good understanding of the material. Thus it is important to recognize these items and focus on them! Use the learning objectives to help you identify these important points.

How Will the Questions Look Like?

- The most difficult questions of the assignments and the questions of the first quiz are pretty close to questions that will be on the midterm.

- I have posted last year midterm on the website so that you can have a look at it and try to solve the questions (the solution to last year's midterm will not be posted online).