MAT2000
MEK3200
STK-MAT2011

Mandatory assignment 1

Instructions

The mandatory assignment must be typeset in LaTeX and submitted as a single PDF file in Canvas before the deadline. The submission must contain your name, course code and name of supervisor.

Students who fail the assignment, but have made a genuine effort to answer the questions from the assignment, are given a second attempt.

Submission deadline

14:30 Thursday 20$^{\text{th}}$ February 2020, in Canvas (canvas.uio.no).

Application for postponed delivery

If you need to apply for a postponement of the submission deadline due to illness or other reasons, you have to contact the Student Administration at the Department of Mathematics (e-mail: studieinfo@math.uio.no) before the deadline.

Complete guidelines about delivery of mandatory assignments:

uio.no/english/studies/admin/compulsory-activities/mn-math-mandatory.html

GOOD LUCK!

Goals of learning

- Practice in systematizing and presenting mathematical knowledge in a scientific way.

- Practice in LaTeX.

Written assignment

In cooperation with your supervisor, choose a topic or result that will be essential in your project work and write 2–3 pages about this result.

The written part of the mandatory assignment is expected to be written as a scientific paper, including an abstract, introduction and necessary background and notation. It is expected that you give a clear presentation with all necessary explanations. Remember to include all relevant plots and figures.

All aids, including collaboration, are allowed, but the submission must be written by you and reflect your understanding of the subject.

Parts of the mandatory assignment may be reused in the final project.

Formal requirements for the written assignment

The assignment should be:

- Written in LaTeX

- 2–3 pages (A4, font size 10)

The assignment must contain the following:

- Title

- Abstract

- Introduction

- The chosen topic or result

- A picture, illustration, figure, graph or table

- Clickable cross references

- Clickable citations and references in the text in a chosen style

- Bibliography in a chosen style