

Mandatory Assignment MAT2000

Spring 2017

The assignment is organised in two parts. The first aims at practising the systemization of the mathematical knowledge and its presentation in written form.

PART 1

Choose a theorem of your interest you find particularly important or intriguing and write about it. Explain why it is important, the context of use, the mathematical background, statement and proof (or appropriate sketch of the proof, if very long). Present the possible applications of such theorem.

The assignment is meant to be written in LaTeX in a Memoir style with the necessary sections. Theorem and proof environments. There should be at least a crossreference, citations, and short bibliography. The assignment should not exceed 3 pages in pt 12.

The assignment should be sent electronically by email to:

giulian@math.uio.no

in the subject please write Assignment MAT2000 – Name Surname

Deadline is March 1st, 2017

PART 2

The second part is an oral presentation of no more than 8 minutes of the theorem presented in PART 1

The presentation is held at the blackboard with the goal of practicing exposition in oral form.

The oral short presentations on March 8th, 15th