

1. Introduction

My name is Vivek, I am currently doing my bachelors in Mathematics and will be your teaching assistant for Numerical Methods (NM). My email address is vivek.boddu@math.ethz.ch and you can find further contact details on [my website](#). This is also where you will find all my documents on teaching and a few summaries.

In my exercise lesson, I will solve exercise-sheet problems that I think are important for your understanding and of course discuss the theory we did in class (possibly in greater mathematical detail). If you want something specific discussed in class, just write me an email and I will do my best to accommodate your request.

If you want to hand in your solutions, please try to hand them in on time (and legible) using the sam-up tool and if you want a very detailed correction of something, mark it respectively.

2. Introduction to MATLAB

MATLAB is a proprietary language that is used in applied mathematics, in particular for numeric computing. It is quite well known and used in the industry despite its (very) high licensing fees. Alternatively you can use *Python* with the package *numpy* and do most of the courses at ETH with no major problems. Syntax wise both are quite easy but I believe *MATLAB* has weaker typing discipline.

(See slides)