

# Analysis II

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TITLE PAGE COMING SOON

*“Some funny quote from the lecture still needed”*

- Özlem Imamoglu, 2025

HS2025, ETHZ

Cheat-Sheet based on Lecture notes and Script

<https://metaphor.ethz.ch/x/2025/hs/401-0213-16L/sc/script-analysis-II.pdf>

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# 1 Introduction

This Cheat-Sheet does not serve as a replacement for solving exercises and getting familiar with the content. There is no guarantee that the content is 100% accurate, so use at your own risk. If you discover any errors, please open an issue or fix the issue yourself and then open a Pull Request here:

<https://github.com/janishutz/eth-summaries>

This Cheat-Sheet was designed with the HS2025 page limit of 10 A4 pages in mind. Thus, the whole Cheat-Sheet can be printed full-sized, if you exclude the title page, contents and this page.

## 2 Differential Equations