

February 7, 2023 (Week 3)

Introduction to LaTeX

Objectives:

- Learn the basics of LaTeX typesetting
- Be able to create a basic LaTeX document using Overleaf

Outline:

- Opening
- Exercises
 - LaTeX
 - Introduction to concepts
 - Introduction to Overleaf
 - Basic document creation
 - Common macros (title, author, date, section, table of contents)
 - Math mode
 - Equations
 - Lists
 - Figures
 - Tables
 - References
 - Detexify

Homework - due 8am February 9, 2023:

- Create a LaTeX document
 - Create a new project in Overleaf
 - Share project with instructor
 - Create document with following features
 - Title
 - Author
 - Date
 - Multiple sections referenced in text
 - Table of contents
 - An equation
 - A figure with a caption, referenced in text
 - A table with a caption, referenced in text

- Email instructor when this is done