MAT4170
Exercises for Spline Methods

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Contents

Abstract

This document contains my summary for the course MAT4170 – Spline Methods, taught at the University of Oslo in the spring of 2025, in preperation for the final oral exam. This summary is based on the lecture notes for the course, draft dated 25th of March, 2025. The code for everything, as well as this document, can be found at my GitHub repository: https://github.com/augustfe/MAT4170.

1 Bernstein polynomials

2 B-Splines