

F4D1 – ANALYSIS AND GEOMETRY ON MANIFOLDS

WERN JUIN GABRIEL ONG

PRELIMINARIES

These notes roughly correspond to the course **F4D1 – Analysis and Geometry on Manifolds** taught by Prof. Laurent Côté at the Universität Bonn in the Winter 2024/25 semester. These notes are \LaTeX -ed after the fact with significant alteration and are subject to misinterpretation and mistranscription. Use with caution. Any errors are undoubtedly my own and any virtues that could be ascribed to these notes ought be attributed to the instructor and not the typist.

CONTENTS

Preliminaries	1
---------------	---

UNIVERSITÄT BONN, BONN, D-53111

Email address: `wgabrielong@uni-bonn.de`

URL: `https://wgabrielong.github.io/`