

INTRO TO MEASURE THEORY, SUMMER 2025

ANON

CONTENTS

1. Introduction	1
2. Measure Theory	1
2.1. Prologue: The problem of measure	1
2.2. Lebesgue measure	1
References	1

1. Introduction

Problems primarily from [\[1\]](#).

2. Measure Theory

2.1. **Prologue: The problem of measure.**

2.2. **Lebesgue measure.**

REFERENCES

- [1] Terence Tao, *An Introduction to Measure Theory*, Graduate Studies in Mathematics, American Mathematical Society, United States, 2013.