

Master's Thesis

Your Name

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Chapter 1

Introduction

1.1 Background

This is a sample section with some mathematical equations:

$$E = mc^2 \tag{1.1}$$

$$f(x) = x^2 + 2x + 1 \tag{1.2}$$

$$g(x) = \frac{d}{dx} f(x) \tag{1.3}$$

$$= 2x + 2 \tag{1.4}$$

1.2 Methodology

Here's a sample figure:

Figure 1.1: Sample figure caption