

Example Document

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1 Introduction

This is the first chapter of our document. It contains some basic text and demonstrates the functionality of the LaTeX expansion tool.

1.1 Background

Here we discuss the background of our work. This section will be expanded in future versions of the document.

$$E = mc^2 \tag{1}$$

The famous equation above shows the relationship between energy and mass.

2 Methods

This chapter describes the methods used in our research.

2.1 Experimental Setup

We used the following equipment:

- Microscope
- Computer
- Data acquisition system

2.2 Data Analysis

The data was analyzed using statistical methods and specialized software.