LaTeX Document

Name

April 22, 2024

Contents

1 Introduction

This is a brief introduction to the exercise set.

1.1 Formatting Text

Here are examples of: Bold text and italic text.

2 Mathematical Notation

Here is an example equation:

$$E = mc^2 (1)$$

3 BibTeX

Here is a reference using BibTeX (?).

4 Table Example

Column 1	Column 2
Row 1	Cell 1
Row 2	Cell 2

Table 1: Example Table

5 Font families

5.1 Serif

This is a serif font.

5.2 Sans-serif

This is a sans-serif font.

5.3 Mono-spaced

This is a mono-spaced font.

6 Rulers

7 Spaces

7.1 Horizontal Spaces

Some text.

with horizontal space.

7.2 Vertical Spaces

Some text with vertical space. Here is some text after a vertical space.

8 Theorems and Proofs

8.1 Pythagorean Theorem

In a right triangle, the square of the length of the hypotenuse (c) is equal to the sum of the squares of the lengths of the other two sides (a and b).

Proof. This is a proof of the Pythagorean theorem.