

# A Test Document

Ruilong Chen

September 25, 2024

## 1 Introduction

This is a simple test document to demonstrate the basic structure of a LaTeX file. LaTeX is a powerful typesetting system commonly used for academic and scientific documents.

## 2 Mathematics

Here is an example of a mathematical equation:

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

This equation expresses the equivalence of mass and energy.

## 3 Figures

You can also include figures in your document. Below is an example:  
how about that

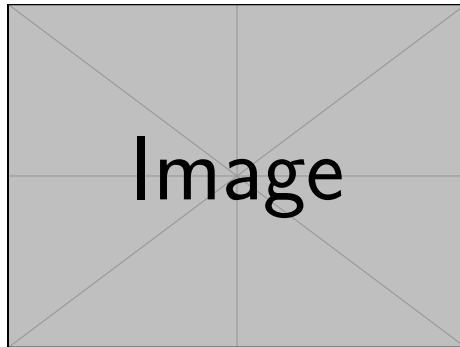


Figure 1: An example image.

## 4 Conclusion

In conclusion, LaTeX is a versatile tool for creating well-structured documents. You can include various elements such as equations, figures, and references.