

# Simple LaTeX Example

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September 19, 2025

## 1 Introduction

This is a simple L<sup>A</sup>T<sub>E</sub>X document created for Ubuntu.

## 2 Mathematics

Here's an inline equation:  $E = mc^2$ . And a displayed equation:

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}$$

## 3 List Example

- First item
- Second item
- Third item

## 4 Conclusion

That's it! This document can be compiled with `pdflatex` on Ubuntu.