Simple LaTeX Example

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1 Introduction

This is a simple LaTeX document created for Ubuntu.

2 Mathematics

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

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

Euler's formula:

$$e^{i\pi} + 1 = 0 \tag{1}$$

3 List Example

- First item
- Second item
- Third item

4 Conclusion

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