Test LaTeX Document

LaTeX Renderer Service

August 28, 2025

1 Introduction

This is a test document to verify that the LaTeX rendering service is working correctly.

2 Mathematical Content

Here's a simple mathematical equation:

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

And a more complex one:

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

3 Lists

3.1 Unordered List

- First item
- Second item
- Third item

3.2 Ordered List

1. First step
2. Second step
3. Third step

4 Conclusion

This document demonstrates basic LaTeX features including:

- Document structure
- Mathematical equations
- Lists and formatting
- Basic packages

If you can see this PDF, the LaTeX rendering service is working correctly!