

# LaTeX Document Demo

Static Flow

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## 1 Introduction

This is a demo LaTeX document to showcase Static Flow's LaTeX support. LaTeX files are automatically compiled to PDF during the build process.

## 2 Mathematical Equations

LaTeX excels at typesetting mathematical formulas:

### 2.1 The Quadratic Formula

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \tag{1}$$

### 2.2 Euler's Identity

$$e^{i\pi} + 1 = 0 \tag{2}$$

### 2.3 The Gaussian Integral

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi} \tag{3}$$

## 3 Features

Static Flow supports:

- Automatic PDF compilation
- Mathematical typesetting
- Professional document formatting
- Bibliography support (with BibTeX)

## 4 Conclusion

LaTeX is perfect for academic papers, technical documentation, and any content requiring precise mathematical notation.