My First LaTeX Document

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1 Introduction

This is my first LaTeX document. LaTeX is a typesetting system that allows you to create professional-looking documents with ease.

1.1 Equations

Here is an example equation:

$$f(x) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left(-\frac{(x-\mu)^2}{2\sigma^2}\right) \tag{1}$$

This is the probability density function of a normal distribution with mean μ and variance σ^2.

1.2 Lists

Here is an example list:

- First item
- Second item
- Third item

2 Conclusion

LaTeX is a powerful tool for creating professional-looking documents. With its wide range of features and customization options, it is the go-to choice for many academics and professionals.