

My LaTeX Document

Your Name

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1 Introduction

This is an introduction section with some math: $E = mc^2$

2 Math Examples

Here are some mathematical expressions:

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi} \tag{1}$$

$$a^2 + b^2 = c^2 \tag{2}$$

$$\frac{d}{dx}(x^n) = nx^{n-1} \tag{3}$$

3 Conclusion

This is a conclusion section.