An Example LaTeX Document

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January 2, 2025

Abstract

A simple little testing document to get accustomed to LaTeX !

Contents

Golden Rule: Do not do anything manually if you can avoid it. Often, LaTeX can do it, and can do it better than you can.

1 Testing Sections

blah blah backslashes

$$\sigma = \delta$$

2 Math stuffs

2.1 Inline Math

This is also known as: "\(\)" or "im" with SleepyMalc shortcuts

$e^{i\pi} = -1$ or $\frac{1}{2} \cdot 2 = 1$.

2.2 Display Math

This is also known as: "\[\]" or "dm" with SleepyMalc shortcuts

$$\sum_{k=1}^{n} k^3 = \left(\sum_{k=1}^{n} k \right)^2.$$

2.3 Functions

Here are some functions

$$f(x) = x^2 \tag{1}$$
$$f'(x) = 2x \tag{2}$$
$$F(x) = \int f(x) dx \tag{3}$$
$$F(x) = \frac{1}{3} x^3 \tag{4}$$