LaTeX Tutorial

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Contents

1 Section

Hello World!

1.1 Subsection

Document structure in LaTeX.

1.1.1 Subsection-Subsection

Inception level shit right here

Paragraph hello world this is a paragraph.

Subparagraph this is a sub paragraph with an equation below.

$$f(x) = x^2 \tag{1}$$

2   Typesetting Math in LaTeX

Inline math formula $f(x) = x^2$ example.

$$f(x) = x^2$$
$$g(x) = \frac{1}{x}$$
$$p(x) = \int_b^a \frac{1}{3} x^3$$
$$o(x) = \frac{1}{\sqrt{x}}$$

2.1   Matrix

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$