My first document

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1 Section 1

Hello World!

1.1 Subsection 1.1

Structuring a document is easy!

1.1.1 Subsubsection

More text.

Paragraph Some more text.

Subparagraph Even more text.

2 Section 2

Hello World 2!

2.1 Subsection 2.1

Equations:

$$\frac{n!}{k!(n-k)!} = \binom{n}{k} \tag{1}$$

$$x^{\frac{1}{2}} \tag{2}$$

$$\frac{\mathrm{d}}{\mathrm{d}x}\big(kg(x)\big) \tag{3}$$

$$f(x) = x^2$$

3 Math

... This formula $f(x) = x^2$ is an example. ...

$$f(x) = x^2$$

$$g(x) = \frac{1}{x}$$

$$F(x) = \int_b^a \frac{1}{3}x^3$$

4 Figures

Figure 1: Meme

(a) Meme.   (b) Same Meme.

Figure 2: The same meme, Two times.