

My first document

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1 Section

Structuring a document is easy!

1.1 Subsection

More text.

Paragraph Some more text.

Subparagraph 1 Even more text.

2 Another section

Here a simple equation:

Here a simple equation without number:

$$f(x) = x * x$$

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

In text you can also include a formula wrapping it in dollar symbols e.g a^2

3 Math

You can add equations with an environment as well.

$$A = Z + 2 \tag{2}$$

If you have a expression with multiple equations you can align them

$$A + 1 = 2 \tag{3}$$

$$B + A = 3 + 1 \tag{4}$$

3.1 More math expressions

$$\begin{aligned} f(x) &= x^2 \\ g(x) &= \frac{1}{x} \\ F(x) &= \int_b^a \frac{1}{3} x^3 \end{aligned}$$

$$\frac{1}{\sqrt{x}}$$

4 Matrices

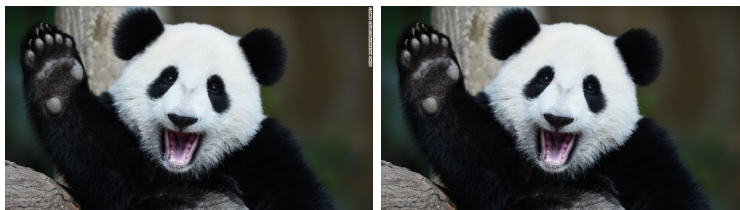
$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \quad (5)$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} (\sqrt{1} + 2) \quad (6)$$

5 Figures



Figure 1: A panda.



(a) Pandita

(b) Other pandita

Figure 2: A pair of good pandas

Table 1: A dummy table

6 Tables

7 Cite

Random citation [1] embedded in text.

This is a footnote ¹
Im refering to 1

¹ Hello

References

- [1] John Doe. *The Book without Title*. Dummy Publisher, 2100.

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