My first document

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Contents

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

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

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

4 Matrices

$$\begin{matrix} 1 & 0 \\ 0 & 1 \end{matrix} \tag{5}$$

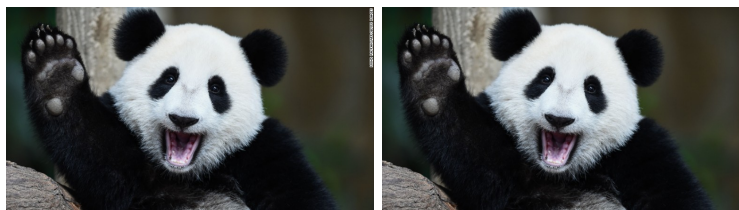$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \left(\sqrt{1} + 2 \right) \tag{6}$$

5 Figures

Figure 1: A panda.

Figure 1 shows a panda

(a) Pandita

(b) Other pandita

Figure 2: A pair of good pandas

Table 1: A dummy table

6 Tables

List of Figures

List of Tables