

My first document

Alexander Baquiaux

2020-04-11

# Contents

<b>1</b>	<b>Section</b>	<b>1</b>
1.1	Subsection . . . . .	1
<b>2</b>	<b>Another section</b>	<b>1</b>
<b>3</b>	<b>Math</b>	<b>1</b>
3.1	More math expressions . . . . .	1
<b>4</b>	<b>Matrices</b>	<b>2</b>
<b>5</b>	<b>Figures</b>	<b>2</b>
<b>6</b>	<b>Tables</b>	<b>3</b>
<b>7</b>	<b>Cite</b>	<b>3</b>

# 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

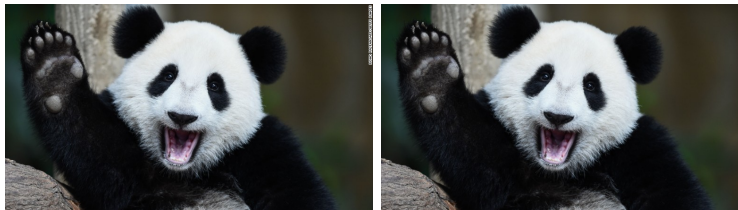
$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \quad (5)$$

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

## 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.

## References

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

## List of Figures

1	A panda. . . . .	2
2	A pair of good pandas . . . . .	2

## List of Tables

1	A dummy table . . . . .	3
---	-------------------------	---