Bachelor Template

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March 2021

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## Images

#### 1.1 Images with captions



Figure 1.1: Caption under image

Figure 1.2: Caption over image



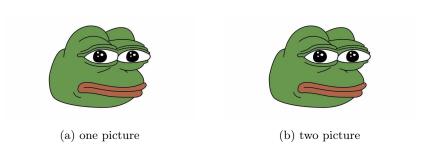


Figure 1.3: Two images next to each other

### 1.2 Image reference

1.1 This is a reference to the 1st pepe picture. See figure 1.1 on page 3

## **Document Sectioning**

- 2.1 Section
- 2.1.1 Subsection

Paragraph

 ${\bf Subparagraph}$ 

Non-numbered section

## Lists

#### 3.1 Bullet points

- One entry in the list
- Another entry in the list

#### 3.2 Alternative bullet symbols



Second item

Last item

#### 3.3 Enumerated lists

- 1. One entry in the list
- 2. Another entry in the list

## **Tables**

#### 4.1 Table with multiple columns

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

#### 4.2 Table with description and label

The table 4.1 is an example of referenced LATEX elements.

	Col3
87837	787
78	5415
778	7507
18744	7560
788	6344
	78 5 778 5 18744

Table 4.1: Table to test captions and labels

4.1 This is a table ref

### Code

## Math

#### 6.1 Inline equations

The well known Pythagorean theorem  $x^2+y^2=z^2$  was proved to be invalid for other exponents.

#### 6.2 Display equations

Meaning the next equation has no integer solutions:

$$x^n + y^n = z^n$$

# 6.3 Fractions, summations, products, roots, powers

- Fraction =  $\frac{3x}{2}$
- Summation =  $\sum_{n=1}^{\infty} 2^{-n} = 1$
- Product =  $\prod_{i=a}^{b} f(i)$
- Roots =  $\sqrt[34]{test}$
- Powr =  $test^2$

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Todo?

TODO

## Bibliography

- [1] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The LATEX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.
- [2] Albert Einstein. Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]. Annalen der Physik, 322(10):891–921, 1905.
- [3] Knuth: Computers and Typesetting, http://www-cs-faculty.stanford.edu/~uno/abcde.html