

Intro to L^AT_EX

Mahdi Hasnat Siyam

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1 Introduction

This is the introduction section. Citing [1]
Lists can be three types This is a itemize list

- Itemize
 - nestet item 1
 - nestet item 2
- Enumerate
- Description

This is a enumerate list

1. enum 1
 - (a) nested enum 1
 - (b) nested enum 2
2. enum 2
3. enum 3

This is a description list

Number 1 desc 1

Number 2 desc 2

1.1 Subsection x.y

This is a subsection.

This is a demo line for new line demonstration

1.1.1 Subsubsection x.y.z

This is a subsubsection

1.2 Another subsection x.y

This is another subsection

This is bold *statement*.

This is italic statement.

This is colored *text*.

This sentence is large

This sentence is huge.

This sentence is small.

Body Paragraph

This is body paragraph



Figure 1: Caption

2 Figure example

1 is a figure

3 Table

Number		
text	5	6
	5	6
2x2		3
		6

4 Equation and Math Mode

Equations goes here

This “%equation” will not start in new block $a + a = 2a$
new block eqn

$$a + a = 2a$$

eqn with number

$$a + a = 2a^b \tag{1}$$

4.1 sub script and super script

Superscript: a^b , a^{in} , a^{i^n}

Subscript: a_b , a_{in} , a_{i_n}

4.2 Example

Comparison : $<$, $>$, \leq , \geq

Set Operation : $A \cap B$, $A \cup B$

Fraction : $\frac{a}{b}$, $(\frac{a}{b})$, $(\frac{a}{b})$, $(\frac{a}{b})$

Equation : $P(A) = \sum P(\{e_1, \dots, e_N\}) = \binom{N}{k} p^k p^{N-k}$

References

- [1] D. Adams. *The Hitchhiker’s Guide to the Galaxy*. San Val, 1995. ISBN: 9781417642595. URL: <http://books.google.com/books?id=W-xMPgAACAAJ>.

5 Conclusion

This is the concluding section.