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華中科技大學

学 士 学 位 论 文

An Example of Using hustthesis LaTeX Template

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An Example of Using hustthesis LaTeX Template

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摘 要

This is a LaTeX template example file. This template is used in written thesis for Huazhong Univ. of Sci. & Tech.

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关键词： LaTeX, Huazhong Univ. of Sci. & Tech., Thesis, Template

Abstract

This is a LaTeX template example file. This template is used in written thesis for Huazhong Univ. of Sci. & Tech.

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Key words: LaTeX, Huazhong Univ. of Sci. & Tech., Thesis, Template

Contents

List of Figures

List of Tables

Chapter 1 Simple Test

1.1 Level 1

1.1.1 Level 2

1.1.1.1 Level 3

Content [1]

1.2 Font

Normal **Bold** *Italic* Sans

The quick brown fox jumps over the lazy dog.

1.3 Equation

Single equation, see Equation 1.1.

$$c^2 = a^2 + b^2 \tag{1.1}$$

Multi-equations, see Equation 1.2a and Equation 1.2b.

$$F = ma \tag{1.2a}$$

$$E = mc^2 \tag{1.2b}$$

1.4 List Environment

1. Level 1
2. Level 1

   2.1 Level 2

   2.2 Level 2

   a) Level 3

   b) Level 3

Discription Content

[1] A footnote.

Chapter 2 Other Test

2.1 Code Highlight

```
1 import os
2
3 def main():
4     '''
5     doc here
6     '''
7     print 'hello, world' # Abc
```

2.2 Theorem

Definition 2.1. This is a definition.

Proposition 2.1. *This is a proposition.*

Axiom 2.1. *This is an axiom.*

Lemma 2.1. *This is a lemma.*

Theorem 2.1. *This is a theorem.*

Proof. This is a proof. □

2.3 Algorithm

Algorithm 2.1: How to write algorithms

Data: this text

Result: how to write algorithm with LaTeX2e

```
initialization;
while not at end of this document do
    read current;
    if understand then
        go to next section;
        current section becomes this one;
    else
        go back to the beginning of current section;
    end
end
```

2.4 Table

See Table 2.1.

Table 2.1 A table

a	b
c	d

2.5 Figure

See Figure 2-1.Figure supports format in eps, png, pdf and so on. Multi-figures, see Figure 2-2. Reference separately: Figure 2-2a, Figure 2-2b.

Figure 2-1 A figure

(a) Figure A (b) Figure B

Figure 2-2 Multi-figures

2.6 Bibliography

Cite one bib[1], cite two[1,2].

2.7 `\autoref` Test

Equation Equation 1.1

Footnote Footnote 1

Item Item 1,Item 2.1,Item 2.2*a*

Figure Figure 2-1

Table Table 2.1

Appendix Appendix B

Chapter Chapter 1

Section Section 1.1,Subsection 1.1.1,Sub-subsection 1.1.1.1

Algorithm Algorithm 2.1,Line 1

Theorem Definition 2.1,Proposition 2.1,Axiom 2.1,Lemma 2.1,Theorem 2.1,Proof 1

Acknowledge

Acknowledge

Bibliography

[1] Donald E. Knuth. The TEXbook. MA: Addison – Wesley Pub. Co., 1984.

[2] TEXGuru. LATEX 2_ε Manual. 1999.

Appendix A Publication

[1] Thesis 1

[2] Thesis 2

Appendix B This is an appendix

Content.