Huazhong University of Science and Technology

Postgraduate Academic Report Report

Title: An Example of Using hustreport LaTeX Template

Student ID	U2009xxxxx
Name	Xu Cheng
Major	Electronic and Information Engineering
Advisor	Ass. Prof. Xiaojun Hei
Department	Electronic and Information Engineering

Graduate School

Huazhong University of Science & Technology

Note

1. This form is applicable for master student's thesis proposal, academic report, and also applicable for Ph.D. student's literature survey, thesis proposal, midterm progress report and academic report.
2. The contents and the requirements of the above reports are specified in details by each department, respectively.
3. All these reports will be filed into the graduate's academic archive.
4. This form should be filled with correct grammar, clear text and neat handwriting.

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., Report, 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

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[1] A footnote.

Chapter 2 Other Test

2.1 Code Highlight

```python
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
1 initialization;
2 **while** *not at end of this document* **do**
3   read current;
4   **if** *understand* **then**
5   go to next section;
6   current section becomes this one;
7   **else**
8   go back to the beginning of current section;
9   **end**
10 **end**

2.4　Table

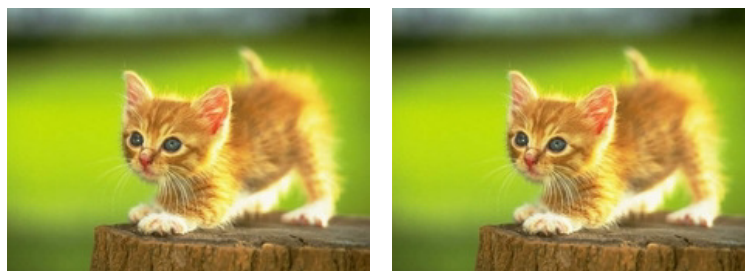See Table 2.1.

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].

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2.7 \autoref Test

Equation Equation 1.1
Footnote Footnote 1
Item Item 1,Item 2.1,Item 2.2a
Figure Table 2.1
Table Figure 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 2ε Manual*, 1999.

Appendix A   Publication

[1] Thesis 1

[2] Thesis 2

Appendix B   This is an appendix

Content.

Student Signature   _____

Advisor Signature   _____

Dean Signature   _____

Date: