Huazhong University of Science and Technology Postgraduate Academic Report

Title: An Example of Using hustreport LATEX Template

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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.
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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

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Table 2.1	A table

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.

$$c^2 = a^2 + b^2 (1.1)$$

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

$$F = ma ag{1.2a}$$

$$E = mc^2 (1.2b)$$

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

¹A footnote.

Chapter 2 Other Test

2.1 Code Highlight

```
import os

def main():

doc here

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
      read current;
3
     if understand then
4
         go to next section;
5
         current section becomes this one;
6
     else
7
         go back to the beginning of current section;
8
     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

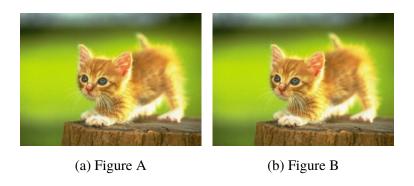


Figure 2-2 Multi-figures

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, $\texttt{ETEX}\,2_{\mathcal{E}}\,\textit{Manual}$, 1999.

Appendix A Publication

- [1] Thesis 1
- [2] Thesis 2

Appendix B This is an appendix

Content.

Student Signature	
Advisor Signature	
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Date: