

HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

POSTGRADUATE ACADEMIC REPORT

**Title: An Example of Using hustreport L<sup>A</sup>T<sub>E</sub>X 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.
4. This form should be filled with correct grammar, clear text and neat handwriting.

# Abstract

This is a  $\text{\LaTeX}$  template example file. This template is used in written thesis for Huazhong Univ. of Sci. & Tech.

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**Key words:**  $\text{\LaTeX}$ , Huazhong Univ. of Sci. & Tech., Report, Template

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# Chapter 1 Simple Test

## 1.1 Level 1

### 1.1.1 Level 2

#### 1.1.1.1 Level 3

Content <sup>1</sup>

## 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

---

<sup>1</sup>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 L<sup>A</sup>T<sub>E</sub>X2e

```
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<sup>[1]</sup>, cite two<sup>[1,2]</sup>.

## 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 T<sub>E</sub>Xbook*. MA: Addison–Wesley Pub. Co., 1984.
- [2] T<sub>E</sub>XGuru, *L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> 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:**