

A Thesis Submitted in Partial Fulfillment of the Requirements  
for the Degree of Bachelor

## **An Example of Using hustthesis L<sup>A</sup>T<sub>E</sub>X Template**

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# 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., Thesis, 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

## 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.

$$E = mc^2 \quad (1.1)$$

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

$$F = ma \quad (1.2a)$$

$$c^2 = a^2 + b^2 \quad (1.2b)$$

## 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

## 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 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.



Figure 2-1 A figure

## 2.6 Bibliography

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



# 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.