

# 國立中央大學

## 物理研究所 碩士論文

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## 中央大學論文樣板 (英文)

### 摘要

在此寫上你的中文摘要。

**關鍵字：** 關鍵字, 論文, 樣板, 讓我畢業



## NCU Thesis Template(English)

# Abstract

Write your English abstract here.

**Keywords:** Keyword, Thesis, Template, Graduate me

## *ABSTRACT*



# Acknowledgement

Thanks NCU, and sppmg's  $\text{\LaTeX}$  template[1].



## *ACKNOWLEDGEMENT*

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# Glossary

Use table for symbol list. You can also use package “nomencl” (simple) or “glossaries” (powerful). see packages document or my tutorial (but it’s Chinese).

## Glossary

VIM	:	The best guy’s editor
Emacs	:	The God’s editor
CTAN	:	Comprehensive TeX Archive Network, <a href="http://ctan.org">ctan.org</a>



# Chapter 1

## Introduction

(You can copy “chapter\_template.tex” or “chapter\_template\_demo.tex” to create new sub-file(chapter). )

Write your Introduction here. eg,  
I don't want my chaste thesis impinge by M\$. But  $\LaTeX$  is little hard.



## Chapter 2

### Method

So I use sppmg's  $\text{\LaTeX}$  template.



## Chapter 3

# Result

I had a nice thesis.





## **Chapter 4**

## **Conclusion**

I am free, I am not own by M\$.



# Chapter 5

## Chapter name(demo)

Content of chapter  
Content Content Content.

### 5.1 Section name

Content of section  
Content Content Content

#### 5.1.1 Subsection name

Content of subsection  
Content Content Content

##### 5.1.1.1 Subsubsection name

Content of subsubsection  
Content Content Content

**5.1.1.1.1 Paragraph name** Content of paragraph  
Content Content Content

**Subparagraph name** Content of subparagraph  
Content Content Content



## Chapter 6

# Test demo

First line. (next line in  $\text{\LaTeX}$  )still first line.  
Second line.



## Chapter 7

### figure

#### 7.1 Insert single figure(by sppmg's tool)



Figure 7.1: caption

#### 7.2 Insert figures

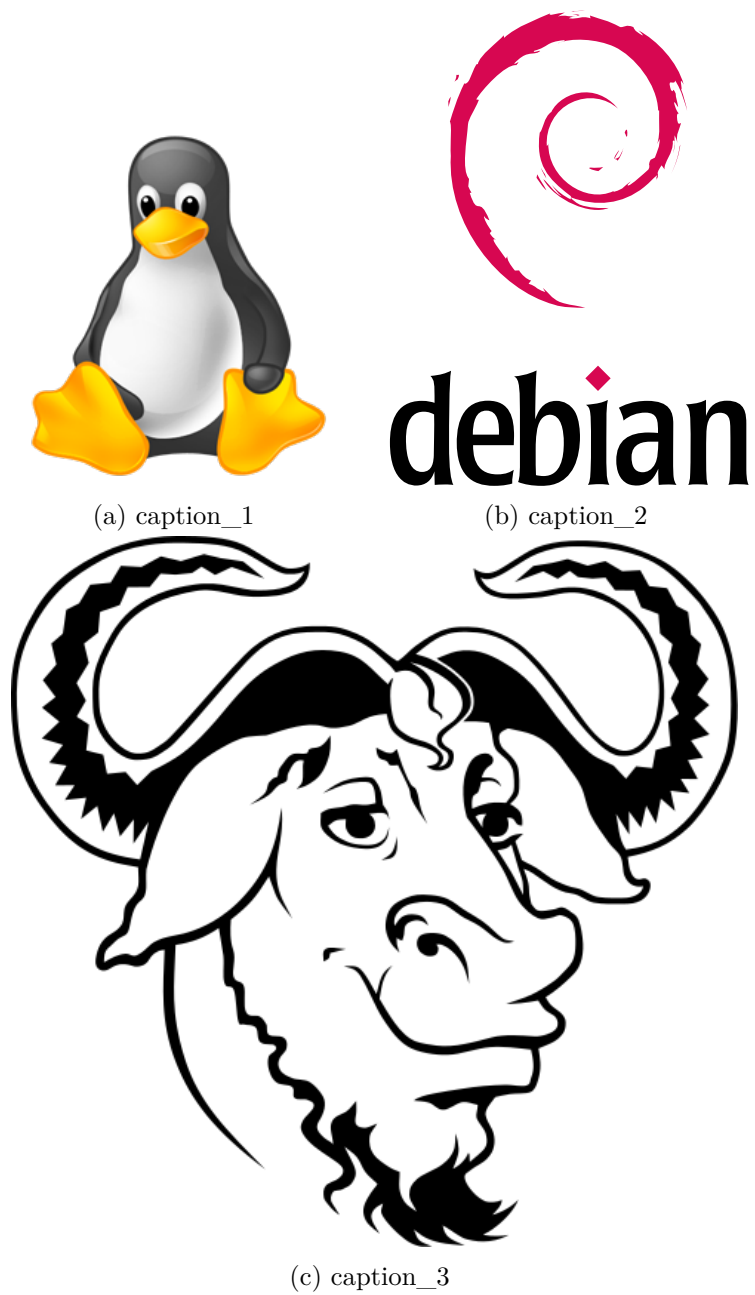


Figure 7.2: caption, use “(b)” get ID of subfigure(this ID is Debian) in caption



## Chapter 8

# Table

### 8.1 Simple table

Table 8.1: Solution

Component	Concentration(mM)
CaCl <sub>2</sub>	118.0

### 8.2 Auto break line table

short	short short
long	long long long long long long long long long



# Bibliography

- [1] (). Sppmg/TW\_thesis\_template, GitHub, [Online]. Available: [https://github.com/sppmg/TW\\_Thesis\\_Template](https://github.com/sppmg/TW_Thesis_Template) (visited on 10/23/2016).

## *BIBLIOGRAPHY*

# Appendix A

## List of device

Table A.1: List of device

device	Model	Description
Linux	Debian 9	Best of best of best OS
Windows	10	Best of Best tool to prevent the aging of brain.

*APPENDIX A. LIST OF DEVICE*

## Appendix B

# Solutions

### B.1 The solution

Table B.1: The solution

Component	Concentration(mM)
NaCl	1.0
CaCl <sub>2</sub>	2.0
NaCl	1.0
CaCl <sub>2</sub>	2.0





# Appendix C

## Code

### C.1 C

Code C.1: hello\_world\_c.c

```
1 #include <stdio.h>
2 main()
3 {
4     printf("hello, world\n");
5 }
```

### C.2 Matlab

Code C.2: hello\_world\_matlab.m

```
1 fprintf('hello, world\n');
```

### C.3 IDL

Code C.3: hello\_world\_idl.pro

```
1 print,"hello, world"
2
3 end
```



## Appendix D

### Letters bot

Here try to insert some information automatically. If you need change font size or position, modify appendix\_letter\_NCU.tex and compile this single tex file.

In appendix\_letter\_NCU.tex, you will see \placetextbox for every string.

```
1 \placetextbox{x(mm)}{y(mm)}
```

The unit is mm , origin at bottom left. I recommend add “colorgrid” option to “\documentclass” for positioning. e.g. In this tex file (appendix\_letter\_NCU.tex):

```
1 \documentclass[class=NCU_thesis, crop=false, colorgrid]{standalone}
```

“colorgrid” will display a grid with mm unit.

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