

國立成功大學

資訊工程研究所

博士論文

(初稿)

國立成功大學碩博士用畢業論文 LaTeX 模版

National Cheng Kung University (NCKU)

Thesis/Dissertation Template in LaTeX

學生：你的名字

Student：Your name

指導老師：A 博士

Advisor：Dr. A

共同指導：B 博士

Co-Advisor：Dr. B

C 博士

Dr. C

中華民國 103 年 12 月 31 日

國立成功大學 博士論文

國立成功大學碩博士用畢業論文 LaTeX 模版
National Cheng Kung University (NCKU)
Thesis/Dissertation Template in LaTeX

研究生：你的名字

本論文業經審查及口試合格特此證明

論文考試委員：

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

指導教授：_____

系(所)主管：_____

中 華 民 國 103 年 12 月 31 日

National Cheng Kung University (NCKU)
Thesis/Dissertation Template in LaTeX


by

Your name

Submitted in partial fulfillment of the requirements
for the degree of Doctor of Philosophy in Institute of Computer
Science and Information Engineering
College of Electrical Engineering and Computer Science
National Cheng Kung University
Taiwan, Taiwan, R.O.C.

31 December 2014

Approved by:



Advisor : _____

Chairman : _____

摘要

除了外籍生, 本地生和僑生都是要編寫中文和英文摘要. 論文以中文撰寫須以英文補寫 800 至 1200 字數的英文延伸摘要 (Extended Abstract), 如需要的話請修改 ‘./context/abstract/extended.tex’.

外籍生則可免填中文摘要, 而在上傳時網頁資訊需填上 ‘NONE’.

關鍵字: 國立成功大學畢業論文模版, 碩博士, LaTeX/XeLaTeX



National Cheng Kung University (NCKU)
Thesis/Dissertation Template in LaTeX

Your name

Dr. A

Dr. B

Dr. C

Institute of Computer Science and Information Engineering
College of Electrical Engineering and Computer Science

SUMMARY

The summary is a short, informative abstract of no more than 250 words. References should not be cited. The summary should (1) state the scope and objectives of the research, (2) describe the methods used, (3) summarize the results, and (4) state the principal conclusions. Text of the summary should be 12 pt Times New Roman font, single-spaced and justified. A single line space should be left below the title 'SUMMARY'. Leave a single line space above the key words listed below.

Keyword: NCKU Thesis/Dissertation Template, Graduate, LaTeX/XeLaTeX

INTRODUCTION

The purpose of the introduction is to tell readers why they should want to read your thesis/dissertation. This section should provide sufficient background information to allow readers to understand and evaluate the paper's results.

The introduction should (1) present the nature and scope of the problem, (2) review related literature, (3) describe the materials used and method(s) of the study, and (4) describe the main results of the study.

All text in the main body of the extended abstract should be 12 pt Times New Roman font, single-spaced and justified. Main headings are placed in the centre of the column, in capital letters using 12 pt Times New Roman Bold font. Subheadings are placed on the left margin of the column and are typed in 12 pt Times New Roman Bold font.

MATERIALS AND METHODS

There is flexibility as to the naming of the section (or sections) that provide information on the method(s) or theories employed. The methodology employed in the work must be described in sufficient detail or with sufficient references so that the results could be duplicated.

Your materials should be organised carefully. Include all the data necessary to support your conclusions, but exclude redundant or unnecessary data.

RESULTS AND DISCUSSION

The **results and discussion** sections present your **research** findings and your analysis of those findings. The results of experiments can be presented as tables or figures.

Figures and Tables

Figures may be integrated within the results section of the extended abstract, or they can be appended to the end of the written text. Figures should be black & white. They should be no wider than the width of the A4 page.

Tables can be created within Word. As noted for figures above, if a table is to be placed within the text, it can be no wider than the width of the A4 page. Larger tables will need to be placed at the end of the abstract.

Figures and tables should be numbered according to the order they are referenced in the paper. Figures and tables should be referred to by their number in the text. When referring to figures and tables in the text, spell out and capitalize the word Figure or Table. All figures and tables must have captions.

Captions

Captions should clearly explain the significance of the figure or table without reference to the text. Details in captions should not be restated in the text. Parameters in figure captions should be included and presented in words rather than symbols.

Captions should be placed directly above the relevant table and beneath the relevant figure. The caption should be typed in 12 pt Times New Roman Bold font. Spell out the word ‘Table’ or ‘Figure’ in full. An example table and a figure follow.

Table 1: Specifications of the engine

Engine	OPEL Astra C16SE
Displacement (cc)	1598
Bore x stroke(mm x mm)	79 x 81.5
Value mechanism	SOHC
Number of valves	Intake 4, exhaust 4
Compression ratio	9.8:1
Torque	135/3400 Nm/rpm
Power	74/5800 kW/rpm
Ignition sequence	1-3-4-2
Spark plug	BPR6ES
Fuel	95 unleaded gasoline
Cylinder arrangement	In-line 4 cylinders

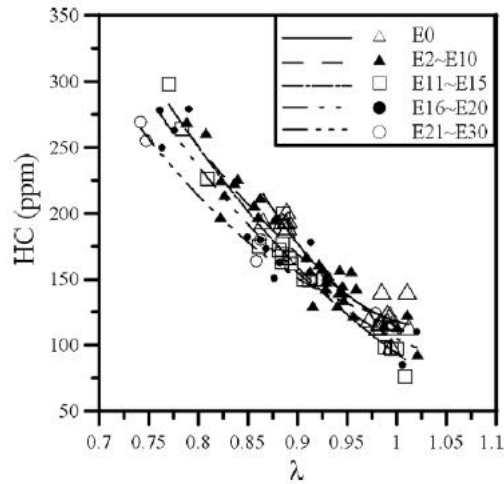


Fig. 7. HC emission as a function of equivalence ratio.

Figure 1: HC emission as a function of equivalence ratio

CONCLUSION

This section should include (1) the main points of your paper and why they are significant, (2) any exceptions to, problems with, or limitations to your argument, (3) agreements or disagreements with previously published work, (4) theoretical and practical implications of the work, and (5) conclusions drawn.

誌謝

在這邊寫你的感謝 (對父母, 老師, 同學, 朋友等的感謝).



目錄

摘要	i
英文延伸摘要	ii
誌謝	v
目錄	vi
表格	vii
圖片	viii
Nomenclature	ix
第 1 章. Introduction	1
第 2 章. Related Work	2
第 3 章. Conclusion	3
參考文獻	4



表格



圖片

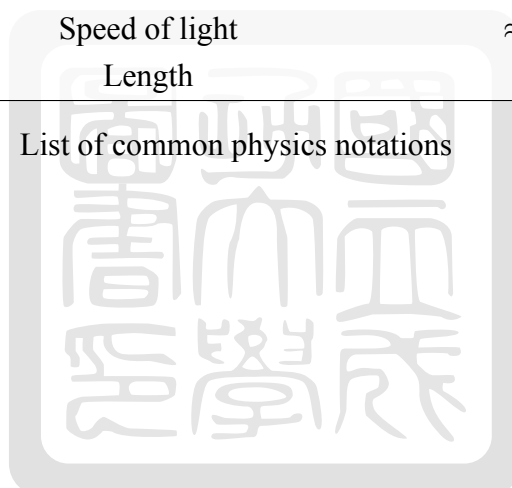


Nomenclature

<u>Symbol</u>	<u>Description</u>
α	Symbol of alpha
β	
γ	Gamma

<u>Symbol</u>	<u>Meaning</u>	<u>SI unit of measure</u>
g	Standard gravity	$9.80665m/s^2$
c	Speed of light	$\approx 3.00 \times 10^8m/s$
l	Length	meter (m)

List of common physics notations



第 1 章

Introduction

Write your introduction here.



第 2 章

Related Work

Write your relatd work here.



第 3 章

Conclusion

Write your conclusion here.



參考文獻

- [1] 國立成功大學數學系留言版. http://www.math.ncku.edu.tw/gb/latex_howto.html.
- [2] 數學討論區. <http://math3.math.ncku.edu.tw/phpBB3/viewtopic.php?f=14&t=21>.
- [3] 學校教學單位. <http://web.ncku.edu.tw/files/11-1000-182.php>.
- [4] 電子學位論文服務流程說明圖. <http://etds.lib.ncku.edu.tw/files/2012050006.pdf>.
- [5] 繳交論文全文電子檔案說明. <http://etds.lib.ncku.edu.tw/files/2012050004.pdf>.
- [6] 國立成功大學各系(所)博碩士撰寫論文須知. "<http://cid.acad.ncku.edu.tw/ezfiles/56/1056/img/730/degree4-1.pdf>".
- [7] 電子論文上傳前檢查事項. <http://etds.lib.ncku.edu.tw/files/2012090001.pdf>.
- [8] 電子學位論文服務 FAQ. <http://etds.lib.ncku.edu.tw/files/2012050009.pdf>.
- [9] 大家來學 LaTeX. web.math.isu.edu.tw/yeh/HowTo/HowToTex/latex123.pdf.
- [10] 元智大學論文 LaTeX 格式檔快速上手. http://exciton.eo.yzu.edu.tw/~lab/latex/howto_yzu_thesis.html.
- [11] 臺灣大學碩博士論文 XeLaTeX 模版. <https://github.com/tzhuan/ntu-thesis/wiki>.
- [12] 2015 論文提交說明簡報檔. <http://etds.lib.ncku.edu.tw/files/2012050003.pdf>.
- [13] Bibliography 分類. http://en.wikibooks.org/wiki/LaTeX/Bibliography_Management.
- [14] Bibtex bibliography styles. https://www.sharelatex.com/learn/Bibtex_bibliography_styles.
- [15] 安裝 cwtex 圖文說明 (Windows 系統). <http://homepage.ntu.edu.tw/~ntut019/cwtex-install/cwtex-install.html>.
- [16] HostMath - Online LaTeX formula editor and browser-based math equation editor. <http://www.hostmath.com/>.
- [17] 台灣科技大學碩博士論文 Latex 模板. <https://code.google.com/p/ntust-thesis/>.

- [18] LaTeX - Wikibooks, open books for an open world. <http://en.wikibooks.org/wiki/LaTeX>.
- [19] LaTeX Table Generator. <http://www.tablesgenerator.com/>.
- [20] LaTeX:Symbols. <https://www.artofproblemsolving.com/wiki/index.php/LaTeX:Symbols>.
- [21] List of Greek letters and math symbols. https://www.sharelatex.com/learn/List_of_Greek_letters_and_math_symbols.
- [22] List of LaTeX mathematical symbols. https://oeis.org/wiki/List_of_LaTeX_mathematical_symbols.
- [23] MiKTeX Project Page. <http://miktex.org/>.
- [24] NCKU Thesis/Dissertation Template in Latex - Homepage. <https://github.com/wengan-li/ncku-thesis-template-latex>.
- [25] Online LaTeX Equation Editor - create, integrate and download. <http://www.codecogs.com/latex/eqneditor.php>.
- [26] Package documentation of diagbox. <http://mirrors.ctan.org/macros/latex/contrib/diagbox/diagbox.pdf>.
- [27] Package Example: apacite. <https://www.overleaf.com/latex/examples/package-example-apacite/jkssmfcpszmy>.
- [28] Texmaker (The universal LaTeX editor). <http://www.xm1math.net/texmaker/>.
- [29] Jeffrey Dean and Sanjay Ghemawat. Mapreduce: Simplified data processing on large clusters. *Commun. ACM*, 51(1):107–113, January 2008.
- [30] Sanjay Ghemawat, Howard Gobioff, and Shun-Tak Leung. The google file system. In *Proceedings of the Nineteenth ACM Symposium on Operating Systems Principles*, SOSP '03, pages 29–43, New York, NY, USA, 2003. ACM.
- [31] Sanjay Ghemawat, Howard Gobioff, and Shun-Tak Leung. The google file system. *SIGOPS Oper. Syst. Rev.*, 37(5):29–43, October 2003.
- [32] M.J. Sandel and 桑德爾邁可. 正義：一場思辨之旅. 雅言文化出版股份有限公司, 2011.
- [33] Sandel, M.J. 錢買不到的東西：金錢與正義的攻防. 先覺出版股份有限公司. ISBN: 9789861341965, 2012.
- [34] Tom White. *Hadoop: The Definitive Guide*. O'Reilly Media, Inc., 1st edition, 2009.