

Thesis/ Dissertation Format Guide

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National Taipei University of Technology

Department of Mechanical Engineering

Master's Dissertation

No. 104820123

Development of Computer Aided Design of Mechanical Element (Split long head title into two lines if necessary)

Master's Candidate: ○○○

National Taipei University of Technology
Department of Mechanical Engineering
Master's Dissertation

Development of Computer Aided Design of
Mechanical Element

Master's Candidate 

Advisor: Professor Yao Leeh-ter Ph.D.

Date: June 2015

National Taipei University of Technology
Graduate School **Doctoral Degree Dissertation**
Oral Defense Committee Verification Letter

This Committee hereby verifies the dissertation submitted by Mr./Ms. _____, student of the Institute of _____, has qualified for the doctoral degree.

Degree Examination Committee

Member: _____

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Date: [MM] [DD], 2015

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Date: [MM] [DD], 2015

Abstract

Title: **Development of Computer Aided Design of Mechanical Element**

Pages: **50 pages**

School and Institute: Department of **Mechanical Engineering**, National Taipei University of Technology

Time: **First** semester of Academic Year **2012**

Degree: Master's degree

Researcher: ***

Advisor: Professor **Li-De Yao**, Ph.D.

Keyword: **Computer Aided Design, Mechanical Element**

The abstract is the summary of the dissertation or report. The purpose is to allow the readers to obtain an overall understanding about this report by reading this brief statement. An abstract usually include the description of questions and outcomes within 500 words or one page, and does not contain any reference or cite any figures. If the dissertation is written in Chinese, the abstract shall be prepared in both Chinese and English version. The title shall be DFKai-SB Bold 20pt, one blank line above and below (**1.5x spacing, 12pt**), followed by the abstract. The abstract page shall be numbered (**in lowercase Roman numerals**).

Acknowledgement

The author may express the gratitude to any person or institution that provides assistance in the research. The title shall be DFKai-SB Bold 20pt, one blank line above and below (1.5x spacing, 12pt), followed by the abstract. The abstract page shall be numbered (in lowercase Roman numerals).

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Chapter 1 Chapter Title

1.1 Level 1 Subtitle

Subtitle of each level shall be left-aligned without a blank line left below.

1.1.1 Level 2 Subtitle

Content under the level 2 subtitle.

The title of a table shall be centered above the table, 6pt line spacing, aligned with the table. The title of a figure shall be centered below the figure, 6pt spacing, aligned with the figure. If the title is more than one row, Inverted Pyramid Style shall be used. When editing in Microsoft Word, the space between the title and the corresponding figure or table can be changed in “Paragraph Spacing” under “Paragraph” of “Format”.

1.1.1.1 Level 3 Subtitle

Content under the level 3 subtitle.

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1. 蕭寶森譯，論文寫作規範，臺北：書林出版公司，1994，第 50-52 頁。
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Note:

1. Author, Book title, City: Publisher, Year published, Page.
2. Author, "Article title", Journal title (in italics) Volume, Issue number, Year of publication, page.
3. Author, "Article title", Conference or editorial title (in italics) , Location, Conference date, Page.
4. Author, Degree dissertation title, Degree, School, City, Year of graduation.
5. Each advisor may specify the format of references according to the specific field of study.

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- Donaldson, J. R. and Schnabel, R. B.,1987,"Computational experience with confidence regions and confidence intervals for nonlinear least squares," *Technometrics*, vol. 29, no. 1, pp. 67-82.
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Appendix

Content of appendix

List of Symbols

Symbol	Meaning
θ	Debye's constant or characteristic temperature
Ω	efficiency; number of molecules
Ψ	availability of a closed system
Δ	internal energy (change) of reaction
Φ	availability of a closed system
ι	specific irreversibility
λ	critical state
μ	Joule-Thomson coefficient
ν	stoichiometric coefficient (number of moles in chemical equation)
ξ	cutoff ratio