

Master's Thesis

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Gildong Hong

Department of OOO

Graduate School

Korea University

February 2023

Doctoral Dissertation

Title of Dissertation Title of
Dissertation Title of Dissertation Title
of Dissertation Title of Dissertation

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Department of OOO

Graduate School

Korea University

February 2023

Title of Thesis Title of Thesis Title of
Thesis Title of Thesis Title of Thesis

by
Gildong Hong

under the supervision of Professor Chulsu Kim

A thesis submitted in partial fulfillment of
the requirements for the degree of
Master of Arts (or Science)

Department of OOO

Graduate School

Korea University

October 2022

Title of Dissertation Title of
Dissertation Title of Dissertation Title
of Dissertation

by
Gildong Hong

under the supervision of Professor Chulsu Kim

A dissertation submitted in partial fulfillment of
the requirements for the degree of
Doctor of Philosophy
Department of OOO

Graduate School
Korea University

October 2022

The thesis of Gildong Hong has been approved
by the thesis committee in partial fulfillment
of the requirements for the degree of
Master of Arts (or Science)

December 2022

Committee Chair: Name

Committee Member: Name

Committee Member: Name

The dissertation of Gildong Hong has been approved
by the dissertation committee in partial fulfillment
of the requirements for the degree of
Doctor of Philosophy

December 2022

Committee Chair: Name

Committee Member: Name

Committee Member: Name

Committee Member: Name

Committee Member: Name

Title

by Gildong Hong

Department of OOOO

under the supervision of Professor Chulsu Kim

Abstract

The text of the abstract begins here. Pages should be assigned from the abstract using small Roman numerals (i, ii, iii, iv, v, etc.)

Keywords : Keyword, Keyword, Keyword, Keyword, Keyword, Keyword

국문 제목

홍길동

OOO학과

지도교수: 김철수

국문초록

The Korean abstract should follow the English abstract.

영어 논문의 경우에도 한글 초록이 작성되어야 합니다.

The abstract should be written in both Korean and English. In addition, a thesis/dissertation written in a foreign language other than English must include the abstract in the relevant foreign language, English and Korean.

중심어 : 중심어, 중심어, 중심어, 중심어, 중심어, 중심어

You can dedicate your thesis/dissertation
to someone you know either personally or professionally.

It is customary to place the dedication text
in the center of the page without a title heading.

If you do not need this page, delete it.

Preface

The text of the preface begins here.

If the thesis/dissertation contains the results of work conducted in collaboration with other people, or if the thesis/dissertation contains previously published content, a preface must be included. The preface may include the following. However, it is also possible to include the contents of the preface in the introduction of the main body.

① a description of the results that were obtained in collaboration with others, indicating the nature and proportion of the contribution of others and in general terms the portions of the work which the student claims as original

② a description of contents that have been published or submitted for publication and the contributions of all authors involved in any multi-authored publications included in the thesis/dissertation

③ your brief personal background, academic motivation, thesis/dissertation target group, acknowledgments, etc. can be included

Example

- https://www.grad.ubc.ca/sites/default/files/doc/page/thesis_sample_prefaces.pdf
- <https://www.phase-trans.msm.cam.ac.uk/2002/thomas/chapter1.pdf>

Acknowledgments

If necessary, the text of the acknowledgments begins here.

If the Acknowledgments are mentioned in the preface, this section may be omitted.

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List of Figures

2.2.1 Korea University Global Symbol 5

Nomenclature(or List of Symbols)

M original mass matrix

K original stiffness matrix

Subscripts

b interface boundary

d dominant

Abbreviation

CMS Component Mode Synthesis

Chapter 1

Introduction

The following formatting information is intended to illustrate several acceptable ways of preparing a thesis or dissertation for your convenience.

The first level heading is styled using `chapter`. Chapter 1 is styled with `\chapter{Introduction}`. You can put `\label{chap:intro}` to refer to this chapter.

1.1 Second Level Heading

The second level subheading is styled using `section`. Section 1.1 is styled with `\section{Second Level Heading}`. You can put `\label{sec:section}` to refer to this section.

This template isn't the only way to list titles, subheadings, numbering, etc. It's just one example that may work for you and it is not mandatory or even recommended.

1.1.1 Third Level Heading

The above third level subheading is styled using subsection. Subsection 1.1.1 is styled with `\subsection{Third Level Heading}`. You can put `\label{subs:subsection}` to refer to this subsection.

It will appear in the Table of Contents, automatically.

Chapter 2

Organizing and Formatting

2.1 Paper Size, Margins and Fonts

The paper size of the thesis/dissertation shall be B5. For the first three preliminary pages (including the cover page, title page and signature page) before the abstract, all margins (top, bottom, left and right) shall be at least 3 cm. From the abstract on, the top and bottom margins shall be at least 3cm and the left and right margins shall be at least 2 cm.

Table 2.1: Organizing and formatting thesis/dissertation

Order(Note)	Margin	Pagination
Cover page, Blank page, Title page, Signature page	top, bottom, left and right at least 3 cm	None
Abstract(both English Korean), Preface(if necessary), Acknowledgments(optional), Table of contents, List of tables (if any), List of figures (if any), Nomenclature (or List of symbols, optional)	top, bottom at least 3 cm and left, right at least 2 cm	i, ii, iii...
Blank page	same as above	None
Main body, References (or Bibliography), Appendices (optional), Index(optional)	same as above	1,2,3...

Table 2.2: Fonts setting used in this document

	L ^A T _E X Command
Thesis title	huge
The school name (Graduate School, Korea University)	LARGE
Year, month and day	large
All other parts are 16 points (department, name, advisor, master's thesis, ...submitted, ...completed, etc.)	Large
Main text	normalsize
Chapter title(1st level heading)	chapter
Section title(2nd level heading)	section
Subsection title(3rd level heading)	subsection

2.2 Figures and Equations

To include the figure file in the document, you can use `includegraphics` command, which requires `graphicx` package. It is desirable to cover the `includegraphics` command inside the `figure` environment. All figures in the `figure` environment will be included in the ‘List of Figures’.



Figure 2.2.1: Korea University Global Symbol

$$E = mc^2 \tag{2.2.1}$$

The tag of the above equation reads the first equation of the section 2.2 You can also specify the tagging explicitly by

$$e^{i\theta} = \cos \theta + i \sin \theta. \tag{2.2.2}$$

You may tag the equations separately as follows.

$$x + y + z = 3 \tag{2.2.3}$$

$$x - y + 2z = 1 \tag{2.2.4}$$

$$x + 3z = 2 \tag{2.2.5}$$

Or you may tag the system of equations as following.

$$\begin{aligned}x + y + z &= 3 \\x - y + 2z &= 1 \\x + 3z &= 2\end{aligned}\tag{2.2.6}$$

2.3 Footnotes and Endnotes

Footnotes¹ can be included to provide additional information about the content. Footnotes should be placed at the bottom of the page separated from the text by a solid line and is referenced through a superscript number.

2.4 Direct Quotation

Direct quotations are sometimes necessary to truly convey the author’s meaning to the reader.

“Learn from yesterday, live for today, hope for tomorrow.

The important thing is not to stop questioning.” the universe.”

— Albert Einstein

¹The usage of footnotes is different or limited depending on the field of study. The usage of footnotes is recommended only when you’re sure how a footnote should be used in your field.

Chapter 3

Discussion

The discussion starts here.

Chapter 4

Conclusion

The conclusion starts here.

References

The reference starts here.

References are a detailed list of sources that are cited in your thesis/dissertation. A bibliography is a detailed list of references cited in your thesis/dissertation plus background or other material you have read but have not actually cited.

References should be prepared in a consistent format using bibliographic management tools (Endnote, Mendeley, etc.) in the order of author name or citation according to your academic field.

Bibliographic management tools

- <https://library.korea.ac.kr/research/writing-guide/endnote/>
- <https://library.korea.ac.kr/research/writing-guide/mendeley/>

Appendices

A. Appendix Title

The appendix starts here if required.

It is customary to use capital letters (A, B, C...) for the sections in the appendices.

Index

Index starts here if required.