

Dissertation for Doctor of Philosophy

ENGLISH THESIS TITLE HERE

Richard Roe

College of Engineering

Department of Mechanical and Robotics Engineering

Gwangju Institute of Science and Technology

2026

박 사 학 위 논 문

한 글 논 문 제 목 입 력

김 철 수

기 계 로 봇 공 학 과

공과대학

광 주 과 학 기 술 원

2026

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한글 논문 제목 입력

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Advisor: John Smith

by

Richard Roe

College of Engineering

Department of Mechanical and Robotics Engineering

Gwangju Institute of Science and Technology

A thesis submitted to the faculty of the Gwangju Institute of Science and Technology in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Department of Mechanical and Robotics Engineering.

Gwangju, Republic of Korea

June 1, 2026

Approved by

Professor John Smith

Committee Chair

ENGLISH THESIS TITLE HERE

Richard Roe

Accepted in partial fulfillment of the requirements for the
degree of Doctor of Philosophy

June 1, 2026

Committee Chair _____
Prof. John Smith

Committee Member _____
Prof. John Doe

Committee Member _____
Prof. Jane Doe

Dedicated to my family.

PhD/MRE Richard Roe (김 철 수). ENGLISH THESIS TITLE HERE (한 글 논 문 제 목 입 력).
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Advisor: Prof. John Smith.

Abstract

This dissertation template provides a minimal starting point for writing a thesis with the GIST class. The placeholder text in this repository is intentionally generic so that authors can replace each section with their own research content without first reorganizing the document structure.

This sample abstract demonstrates the expected tone and composition of an English abstract. A typical abstract briefly states the research background, defines the problem, summarizes the proposed approach, and closes with the main findings and contributions. The exact content should be concise, self-contained, and understandable without requiring the reader to consult the main chapters.

Keywords: thesis template, dissertation, LaTeX, placeholder, academic writing

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국 문 요 약

이 논문 템플릿은 GIST 학위논문 양식을 기준으로 작성되었으며, 사용자가 전체 문서 구조를 다시 설계하지 않고도 바로 원고를 작성할 수 있도록 예시용 내용을 포함한다. 배포용 저장소의 목적상 각 장과 절의 문장은 특정 연구 주제에 종속되지 않도록 중립적으로 구성하였다.

이 초록 예시는 국문 초록에 포함될 수 있는 기본 요소를 보여준다. 일반적으로 초록에는 연구 배경, 문제 정의, 접근 방법, 핵심 결과, 그리고 학술적 기여가 간결하게 정리된다. 실제 제출본에서는 연구 분야에 맞는 용어와 정량적 결과를 반영하여 내용을 수정하면 된다.

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Chapter 1

Introduction

This repository is distributed as a thesis-formatting starter project. The introduction chapter can be used to present the research background, define the problem scope, summarize the motivation, and explain the overall organization of the dissertation.

1.1 Background

Most dissertations begin by situating the topic within a broader academic or engineering context. This section is a suitable place to describe prior developments, explain why the problem matters, and identify the limitations of existing approaches. When adapting this placeholder, the author can replace the generic discussion with literature-grounded statements and appropriate citations.

1.2 Research Objective

The objective of this sample chapter is not to communicate a real research claim, but to show a clean structure that can be edited with minimal effort. A practical objective statement usually answers three questions: what problem is being solved, what method is being proposed, and what outcome is expected from that method [1].

1.3 Document Organization

The remainder of this template is organized as follows. Chapter I illustrates basic figure placement and a preferred subfigure macro. Chapter II provides an additional chapter placeholder that may be used for methods, experiments, or discussion. The summary section then demonstrates a concise concluding structure.

Chapter 2

Chapter I

This chapter demonstrates placeholder body text, figure insertion, subfigure usage, and cross-referencing. In an actual dissertation, this chapter could correspond to a methodology chapter, a theoretical framework, or the first major technical contribution.

2.1 Example Figure Layout

The first example below shows a standard two-image layout using plain `\includegraphics` commands. This is useful when subcaptions are unnecessary and only a single caption is needed for the combined visual result.

Figure 2.1 is intentionally simple and serves as a quick reference for authors who only need a single caption for multiple images.

2.2 Example Subfigure Macro

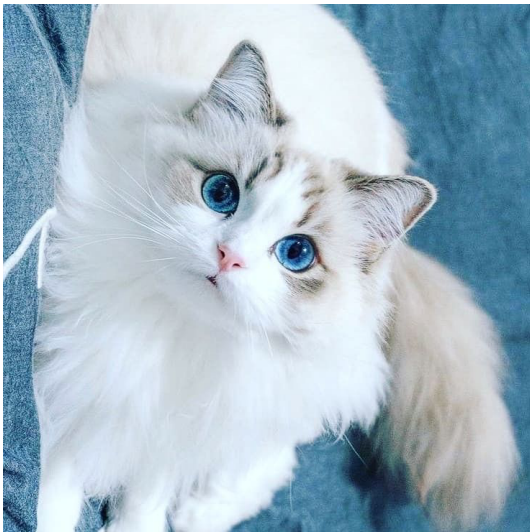
The preferred macro example is shown in Figure 2.2. Subfigure references can be written directly in the text, for example as Cat1 2.2a and Cat2 2.2b. This pattern is useful when separate discussion is needed for each panel while preserving one shared figure environment.

2.3 How To Reuse This Chapter

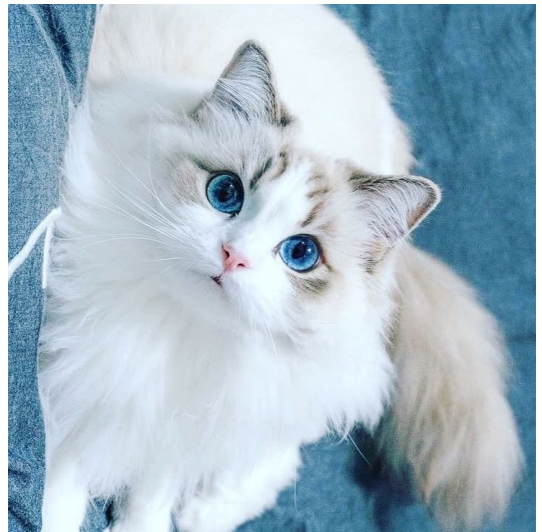
For distribution purposes, this chapter is intentionally generic. Authors may replace the section titles, captions, labels, and body text while retaining the overall formatting pattern. If the project is shared with new users, keeping at least one working figure example in the template tends to reduce setup friction.



Figure 2.1: Cats



(a) Cat1.



(b) Cat2.

Figure 2.2: Cats! with subfig macro

Chapter 3

Chapter II

This chapter provides a second content placeholder for users who want to verify the multi-chapter flow of the template. In a real manuscript, this location could be used for experimental setup, results, discussion, or a case study.

3.1 Example Section

Long-form technical writing usually benefits from a chapter structure that separates assumptions, methods, and evaluation. Even when the final chapter titles differ, starting from a stable outline makes it easier to maintain page numbering, figure numbering, and table references across the full document.

3.2 Example Table

Table 3.1 shows a minimal table environment that can be copied and extended.

3.3 Discussion Placeholder

This section may be replaced with interpretation of results, error analysis, limitations, or comparison with prior work. The main purpose of the current text is to show that chapter-level prose, figures, tables, and references can coexist cleanly in the distributed template.

Table 3.1: Placeholder comparison table

Item	Value A	Value B
Example 1	10	12
Example 2	15	18
Example 3	21	20

SUMMARY

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Conclusion

This template concludes with a short summary section rather than a fully separate chapter. In a completed thesis, this part typically revisits the main objective, highlights the primary contributions, and explains the significance of the results in a concise form.

For distribution purposes, the summary should remain easy to overwrite. Users can replace this placeholder with a field-specific conclusion, a short statement of limitations, and a brief note on future work.

References

- [1] S. Abbott, *Understanding Analysis*, ser. Undergraduate Texts in Mathematics. New York, NY: Springer New York, 2015.

Curriculum Vitae

Name : Richard Roe
Birth Date : January 1, 2000
Birth Place : Sample City, Country
Permanent Address : 123 Example Street, Sample District, Sample City, Country

Education

20XX.03–20XX.08 Department Name,
University Name (Ph.D.)
20XX.03–20XX.02 Department Name,
University Name (M.Sc.)
20XX.03–20XX.02 Department Name,
University Name (B.S.)

Honors and Awards

1. Example scholarship or academic award

Publications

Journals:

1. Author, "Title of the journal article," *Journal Name*, vol. x, no. x, pp. xx–xx, year.

Patents

1. **Example Patent Title**, Country or Office, status or number.