Thesis for the Degree of Doctor of Philosophy (in Computer Engineering)

A Minimal Thesis Class

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February, 2025

Department of Computer Engineering
Graduate School of
Korea Maritime & Ocean University

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By

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Dissertation Committee

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Member	Haedae Park	_____
Member	Haedae Son	_____
Member	Haedae Lim	_____

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IMO International Maritime Organization

GHG Greenhouse Gas

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Abstract

This document demonstrates how to use the kmou_thesis class for writing a thesis. It includes cover pages, approval, contents, abstract, main chapters, acknowledgments, and bibliography.

Keywords : first, second, third, fourth, fifth, sixth

1 Introduction

This chapter demonstrates how to write an introduction. References can be cited with (Adila and Kang, 2021; Zhuang et al., 2021), while Zhuang et al. (2021) can be used when the author name should appear in the sentence.

$$y_i = \beta_0 + \beta_1 x_i + \epsilon_i \tag{1-1}$$

$$\mathcal{L} = \frac{1}{N} \sum_{i=1}^{N} (y_i - \hat{y}_i)^2 \tag{1-2}$$

Equations can be referenced, e.g., equation 1-1 and 1-2, and the same applies to figures and tables. Sections can also be cross-referenced, such as section 1.1.

1.1 Section Example

This is a section example. A figure is included as fig. 1-1.

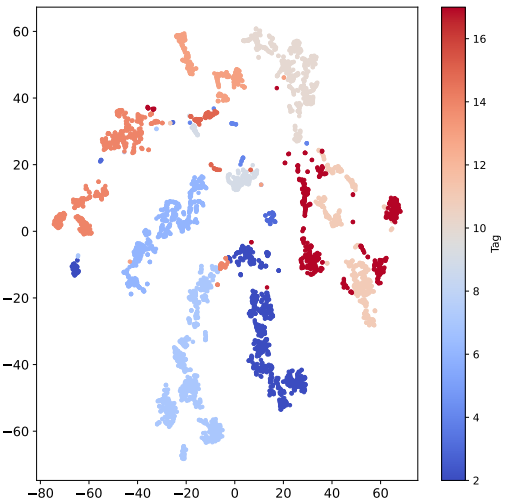

Fig. 1-1. tSNE sample image

1.1.1. Subsection Example

This is a subsection example.

Subsubsection Example

This is a subsubsection example.

2 Related Works

This chapter provides a sample structure for related works and literature review. A table is attached as Table 2-1.

Model	RMSE	MAE
Linear Regression	12.4	9.7
Random Forest	10.8	8.5
LSTM	8.2	6.9

Table 2-1. Comparison of predictive model performance

References

Adila, D., Kang, D., 2021. Understanding Out-of-distribution: A Perspective of Data Dynamics. arXiv:2111.14730.

Zhuang, F., Qi, Z., Duan, K., Xi, D., Zhu, Y., Zhu, H., Xiong, H., He, Q., 2021. A Comprehensive Survey on Transfer Learning. Proceedings of the IEEE 109, 43–76. doi:10.1109/JPROC.2020.3004555.

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