A LATEX TEMPLATE FOR WASEDA UNIVERSITY PHD THESIS

April 2024

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Advisor: Prof. XXX XXX
Research guidance: Research on Information Access

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WASEDA UNIVERSITY
Graduate School of Fundamental Science and Engineering
Department of Computer Science and Communications
Engineering,
Research on Information Access

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Abstract

This LaTeX template is crafted specifically for graduation theses at Waseda University, designed to meet academic formatting standards with flexibility and ease of use. It supports both English and Japanese, catering to the needs of a diverse student body. Fully compatible with Overleaf, the template uses the LaTeX compiler (TeX Live 2023), allowing convenient online editing and compilation. Additionally, it includes pre-designed sections for images, tables, and equations, simplifying the integration of essential visual elements. This tool aims to support the thesis writing process, helping students achieve professional formatting with minimal effort.

この LaTeX テンプレートは、早稲田大学の卒業論文向けに特別に設計されており、学術的なフォーマット基準を満たしながら柔軟性と使いやすさを兼ね備えています。英語と日本語の両方に対応しており、多様な学生のニーズに応えることができます。Overleaf と完全に互換性があり、LaTeX コンパイラ（TeX Live 2023）を使用することで、オンラインでの編集やコンパイルも容易です。また、画像、表、数式のためのテンプレートがあらかじめ用意されており、必要なビジュアル要素を簡単に組み込むことができます。このツールは、学生が最小限の労力でプロフェッショナルなフォーマットを実現できるよう、卒業論文の執筆プロセスをサポートすることを目指しています。

Acknowledgements

We would like to extend my heartfelt gratitude to Junjie Wang and Yuxiang Zhang for their valuable contributions to this LaTeX template.

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Introduction

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Chapter 2

An example for this template

An example. (*task 1*, *task 2*, *task 3*)

Recent works [3, 4] introduces something.

Figure 2.1   A figure example: Waseda University Logo.

As shown in Figure 2.1,

we can define the following combined measure:

$$UCH_\alpha = (1 - \alpha)UC + \alpha UH .$$ (2.1)

Table 2.1   Test collection statistics. ∗Only 40 dialogues from DCH-0 were annotated with nuggets.

	DCH-0	DCH-1
Source	www.weibo.com	
Language	Chinese	
Data timestamps	Jan. 2013 - Sep. 2016	
#Dialogues	234	3,700
#Helpdesk accounts	16	161
Avg. #posts/dialogue	13.402	4.512
Avg. #utterance blocks/dialogue	12.021	4.162
Avg. post length (#chars)	35.011	44.568
Avg. utterance block length (#chars)	39.031	48.313
#annotators/dialogue	2	3
Triggerless dialogues	1∗	184

Bibliography

[1] Yatai Ji, Junjie Wang, Yuan Gong, Lin Zhang, Yanru Zhu, Hongfa Wang, Jiaxing Zhang, Tetsuya Sakai, and Yujiu Yang. MAP: multimodal uncertainty-aware vision-language pre-training model. In *CVPR*, pages 23262–23271. IEEE, 2023.

[2] Junjie Wang, Yatai Ji, Jiaqi Sun, Yujiu Yang, and Tetsuya Sakai. MIRTT: learning multimodal interaction representations from trilinear transformers for visual question answering. In *EMNLP (Findings)*, pages 2280–2292. Association for Computational Linguistics, 2021.

Appendix A

List of Publications

◯ denotes that the publications are introduced in this dissertation.

A.1 Journal

1. ◯ Junjie Wang, Yatai Ji, Jiaqi Sun, Yujiu Yang, and Tetsuya Sakai. MIRTT: learning multimodal interaction representations from trilinear transformers for visual question answering. In *EMNLP (Findings)*, pages 2280–2292. Association for Computational Linguistics, 2021

2. Junjie Wang, Yatai Ji, Jiaqi Sun, Yujiu Yang, and Tetsuya Sakai. MIRTT: learning multimodal interaction representations from trilinear transformers for visual question answering. In *EMNLP (Findings)*, pages 2280–2292. Association for Computational Linguistics, 2021

A.2 International Conference

1. ◯ Yatai Ji, Junjie Wang, Yuan Gong, Lin Zhang, Yanru Zhu, Hongfa Wang, Jiaxing Zhang, Tetsuya Sakai, and Yujiu Yang. MAP: multimodal uncertainty-aware vision-language pre-training model. In *CVPR*, pages 23262–23271. IEEE, 2023

2. Yatai Ji, Junjie Wang, Yuan Gong, Lin Zhang, Yanru Zhu, Hongfa Wang, Jiaxing Zhang, Tetsuya Sakai, and Yujiu Yang. MAP: multimodal uncertainty-aware vision-language pre-training model. In *CVPR*, pages 23262–23271. IEEE, 2023

A.3 Domestic Conference

1. ◯ Yatai Ji, Junjie Wang, Yuan Gong, Lin Zhang, Yanru Zhu, Hongfa Wang, Jiaxing Zhang, Tetsuya Sakai, and Yujiu Yang. MAP: multimodal uncertainty-aware vision-language pre-training model. In *CVPR*, pages 23262–23271. IEEE, 2023