POLYU PH.D. THESIS LATEX TEMPLATE

Initial Submission for Examination Purpose

Name

PhD

The Hong Kong Polytechnic University

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THE HONG KONG POLYTECHNIC UNIVERSITY
Department of Computing

PolyU Ph.D. Thesis Latex Template

Name

*A thesis submitted in partial fulfilment of the requirements
for the degree of*
Doctor of Philosophy

24 June 2022

CERTIFICATE OF ORIGINALITY

I hereby declare that this thesis is my own work and that, to the best of my knowledge and belief, it reproduces no material previously published or written, nor material that has been accepted for the award of any other degree or diploma, except where due acknowledgement has been made in the text.

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Abstract

Abstract goes here.

As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding. The paralogisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

Let us suppose that the noumena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manuals, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our faculties have lying before them, in the case of the Ideal, the Antinomies; so, the transcendental aesthetic is just as necessary as our experience. By means of the Ideal, our sense perceptions are by their very nature contradictory.

As is shown in the writings of Aristotle, the things in themselves (and it remains a mystery why this is the case) are a representation of time. Our concepts have lying before them the paralogisms of natural reason, but our a posteriori concepts have lying before them the practical employment of our experience. Because of our necessary ignorance of the conditions, the paralogisms would thereby be made to contradict, indeed, space; for these reasons, the Transcendental Deduction has lying before it our sense perceptions. (Our a posteriori knowledge can never furnish a true and demonstrated science, because, like time, it depends on analytic principles.) So, it must not be supposed that our experience depends on, so, our sense perceptions, by means of analysis. Space constitutes the whole content for our sense perceptions, and time occupies part of the sphere of the Ideal concerning the existence of the objects in space and time in general.

Publications Arising from the Thesis

[1] **Qiang Yang**, "PolyU Ph.D. Thesis Latex Template", github.com, June 26, 2022.

Acknowledgements

Acknowledgements go here.

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Chapter 1

Introduction

This is a latex template for Ph.D. thesis in The Hong Kong Polytechnic University. It can be also used for other universities or degrees.

1.1 Commands

This is an example for renew commands, *e.g.*, we can use \eg to generate *e.g.*. The same thing goes to *etc.*.

We can use \rev{} to mark your text: revised text.

1.2 Citation

This is an example for citation [1].

1.3 Figures

This is a figure, as shown in Fig. 1.1.

Figure 1.2 shows an example of subfigures (Fig. 1.2(a) and Fig. 1.2(b)).

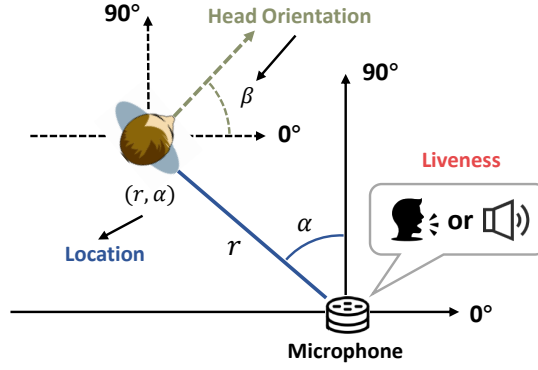This is an example for the minipage (Fig. 1.3 and Fig. 1.4).
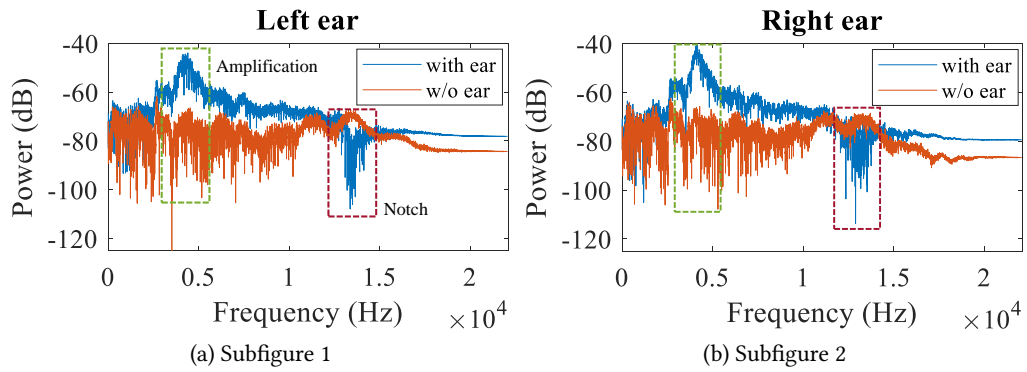
Figure 1.1: Illustration of a figure.

(a) Subfigure 1   (b) Subfigure 2

Figure 1.2: Frequency response with and without ears.
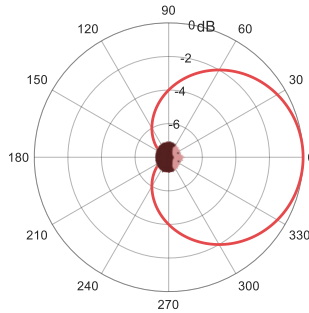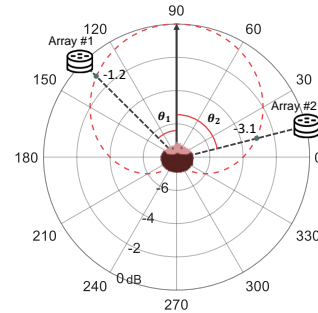

Figure 1.3: Minipage 1.

Figure 1.4: Minipage 2.

1.4   Table

A table example is shown in Table 1.1. It is a three-line table.

1.5   Examples

As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be

Table 1.1: PolyU rankings.

Rankings	QS World University	QS Asia University	THE World University	THE Asia University
2022	66	25	91	15
2021	75	25	129	23

used as a canon for our understanding. The paralogisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

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Reference

[1] Jia Pan, Cong Liu, Zhiguo Wang, Yu Hu, and Hui Jiang. 2012. Investigation of deep neural networks (DNN) for large vocabulary continuous speech recognition: Why DNN surpasses GMMs in acoustic modeling. In *2012 8th International Symposium on Chinese Spoken Language Processing*. IEEE, 301–305.