

上海交通大学学位论文

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**上海交通大学**

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# 摘 要

学位论文是本科生从事科研工作的成果的主要表现，集中表明了作者在研究工作中获得的新的发明、理论或见解，也是科研领域中的重要文献资料和社会的宝贵财富。

为了提高本科生学位论文的质量，做到学位论文在内容和格式上的规范化与统一化，特制作本模板。

**关键词**：学位论文，论文格式，规范化，模板

# ABSTRACT

As a primary means of demonstrating research findings for undergraduate students, dissertation is a systematic and standardized record of the new inventions, theories or insights obtained by the author in the research work. It can not only function as an important reference when students pursue further studies, but also contribute to scientific research and social development.

This template is therefore made to improve the quality of undergraduates’ dissertation and to further standardize it both in content and in format.

**Key words:** dissertation, dissertation format, standardization, template

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# Chapter One Introduction

## 1.1 Foreword

Photonic crystals (PCs) can be regarded as ‘‘light semiconductors’’, since they can affect light propagation in a similar way as electro-semiconductors do to electron transportation. Such specified control of light is important to many optical devices. Despite the advantages of PCs’ light selectivity, bottlenecks in their syntheses, especially for the three dimensional (3D) PCs, impede their broad applications. However, nature never fails to inspire us with her masterpieces. Some species like butterflies, beetles, and birds have natural PC structures ([1], NAME, YEAR: P.). These dielectric structures produce glaring iridescent colors, inspiring us with bio-PCs that can be used as optical devices, and thus have been attracting great attention especially in the past decade.

## 1.2 The main content of this paper

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## 1.3 The significance of this article

……

## 1.4 Summary

……

# Chapter Two Guide to Formatting Body Text

## 2.1 Basic text format requirements

 The content of the thesis should generally consist of ten main parts, in order:1. cover, 2. Chinese abstract, 3. English abstract, 4. table of contents, 5. symbol description, 6. thesis body, 7. references, 8. appendices, 9. acknowledgements, 10. published academic papers during degree study.

## 2.2 Word count requirements

## 2.2.1 Undergraduate thesis requirements

……

## 2.3 Summary

……

#  Chapter Three Guide to Formatting Figure, Table and Formula

## 3.1 Guide to formatting figure



**ILLUSTRATION 3-1 XXX**

**Table 3-1 XXX**

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | C | D |
| A1A2A3 |  |  |  |

**Table 3-1 (continued)**

|  |  |  |  |
| --- | --- | --- | --- |
| A | B | C | D |
| A4A5A6A7A8 |  |  |  |

## 3.2 Formula format

  （3-1）

## 3.3 Summary

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# Chapter Four Conclusions

## 4.1 Main conclusions

……

## 4.2 Research outlook

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# Symbols and Marks Appendix 1

# Research Projects and Publications during Undergraduate Period

 [1] ……

# Acknowledgements

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**NUMERICAL SIMULATION OF HOMOGENEOUS CHARGE COMPRESSION IGNITION COMBUSTION FUELED WITH DIMETHYL ETHER *(英文大摘要)***

HCCI (Homogenous Charge Compression Ignition) combustion has advantages in terms of efficiency and reduced emission. HCCI combustion can not only ensure both the high economic and dynamic quality of the engine, but also efficiently reduce the NOx and smoke emission. Moreover, one of the remarkable characteristics of HCCI combustion is that the ignition and combustion process are controlled by the chemical kinetics, so the HCCI ignition time can vary significantly with the changes of engine configuration parameters and operating conditions. ……***(英文大摘要正文)***

***英文大摘要单独编页码***