

*Introduction to Beautynote Template*

# A SUBTITLE

Ethan Lu

February 25, 2024



BEAUTYNOTE

FACULTY OF PURE MATHEMATICS  
XX UNIVERSITY

*Published by:* Press of XX University

*Copyright by:* ETHAN LU

*AMS Classification (2020):* 01A75, 00B50.

Guang Zhou, on February 25, 2024

© 2024 THE AUTHORS

This work is licensed under a [Creative Commons “Attribution-NonCommercial-NoDerivatives 4.0 International”](https://creativecommons.org/licenses/by-nc-nd/4.0/) license.



# CHAP Contents

<b>1</b>	<b>A short introduction to beautynote template</b>	<b>4</b>
1.1	Introduction . . . . .	4
1.2	Environments . . . . .	4
	<b>Bibliography</b>	<b>6</b>

## 1.1 Introduction

Beautynote is a specially designed to meet the publication of books and the production of latex templates, with elegant chapter styles and unique page styles.

Here are all the things you can change : **Notation:** If you want to change the picture in title

Table 1.1: Information-needed

<code>\docauthor</code>	The author of this note
<code>\doctitle</code>	The title of this note
<code>\docsubtitle</code>	The subtitle of this note
<code>\docdate</code>	The date of this note
<code>\dockeywords</code>	The keywords of this note
<code>\copyrightpage</code>	Some useful information of the copyright of this note, just like page 2

page, you can find it on the 220th line in the file `beautynote.cls`.

## 1.2 Environments

We can use some important theorem environments:

**Theorem 1.2.1 – Theorem** *Example of theorem environment.*

*Proof.* ■

**Lemma 1.2.1 – Lemma** *Example of theorem environment.*

*Solution.* ■

**Definition 1.2.1 – Definition** *Example of theorem environment.*

**Proposition 1.2.1 – Proposition** *Example of theorem environment.*

**Problem 1.2.1 – Problem** Example of theorem environment.

**Remark – Remark** Example of theorem environment.

# CHAP Bibliography

- [Huy05] Daniel HUYBRECHTS. *Complex geometry: an introduction*. Vol. 78. Springer, 2005.
- [GZ15] Qi'an GUAN and Xiangyu ZHOU. “A solution of an  $L^2$  extension problem with an optimal estimate and applications”. In: *Annals of Mathematics* 181 (2015), pp. 1139–1208. URL: <https://api.semanticscholar.org/CorpusID:264249609>.
- [Hua+16] Chunle HUANG et al. “Logarithmic vanishing theorems on compact Kähler manifolds I”. In: *arXiv preprint arXiv:1611.07671* (2016).