I. Binding Order
1. Front Cover
2. Inside Cover
3. Power of Attorney
4. Recommendation from Advisor
5. Verification from Oral Examination Committee
6. Chinese Abstract
7. English Abstract
8. Acknowledgement
9. Table of Contents
10. List of Tables
11. List of Figures
12. Symbols
13. Main Text of the Thesis
14. Bibliographies
15. Appendices
16. Autobiography (or CV)
17. Back Cover

II. Specifications
1. Front Cover: Containing Name of Department, Academic Degree, Title of Thesis (in both Chinese and English), Name of Advisor, Name of Student, Date of Submission (see Appendix 1).
2. Inside Cover: Including Thesis Title (Chinese and English), Student’s Name (Chinese and English), Advisor’s Name (Chinese and English), University’s Name, Department’s Name, Degree, and Location of Thesis Submitted, Submission Date (see Appendix 2).
4. Recommendation from Doctoral Thesis Advisor: Optional
6. English Abstract: Containing purposes, sources, methods, and results of the research in approximately 500 ~ 1000 words, one page only (see Appendix 5).
7. Size and Paper Quality Requirement: A4 size (210mm × 297mm). Over 150 (g/m²) burlap-lined or bristol-board papers for cover and back cover. Departments can choose colors.
8. Margins: 2.5cm for top margin, 3cm for left margin, 2cm for right margin, and 2.5cm for bottom margin. Central page number at 1.5cm from bottom (see Figure 1 below).
9. Fonts: The main text should be in Chinese from left to right. Citations in foreign languages shall be put in brackets “( )”.
10. Pagination: (1) Chinese abstract, tables & charts in lowercased Roman numerals (i, ii, iii, etc.) consecutively. (2) Chapters and Appendices in numbers (1, 2, 3, etc.) consecutively.
11. Binding: Left-side binding. Book spine should display Graduation Year, Academic Degree, Thesis Title, Names of University, College, and Department, Student’s Name (see Appendix 12).
13. Submission: at least two copies should be submitted after completion of the oral examination. One copy to Registrar Division (passed on to National Central Library), another to university library display (thesis paperback, dissertation hardcover), the rest are optional according to departments.
III. Detailed Writing Principles:

1. Table of Contents: chapter titles and numbers, section titles and numbers, and page numbers should be arranged following the ‘Binding Order’ in this Format & Example (see Figure 2).

<table>
<thead>
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<th>Page</th>
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<td>Chinese Abstract</td>
<td>i</td>
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<tr>
<td>English Abstract</td>
<td>ii</td>
</tr>
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<td>Acknowledgement</td>
<td>iii</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>iv</td>
</tr>
<tr>
<td>List of Tables</td>
<td>v</td>
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<td>Symbols</td>
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<td>1</td>
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<td>II. Research Methods</td>
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<td>11</td>
</tr>
<tr>
<td>2.1.2 xxx</td>
<td>12</td>
</tr>
<tr>
<td>III. Theories</td>
<td>16</td>
</tr>
<tr>
<td>3.1 xxx</td>
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</tr>
<tr>
<td>3.2 xxx</td>
<td>19</td>
</tr>
<tr>
<td>IV. Experiments</td>
<td>23</td>
</tr>
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<td>V. Conclusion</td>
<td>28</td>
</tr>
<tr>
<td>VI. xxx</td>
<td>30</td>
</tr>
<tr>
<td>Reference</td>
<td>35</td>
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<tr>
<td>Appendix 1</td>
<td>36</td>
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<td>Appendix 2</td>
<td>37</td>
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<tr>
<td>Autobiography (or CV)</td>
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</tr>
</tbody>
</table>

Figure 2: Examples of Table of Contents
2. Tables & Charts: Numbered together in sequential order, listed on one page (see Figure 3).

<table>
<thead>
<tr>
<th>Tables</th>
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<tbody>
<tr>
<td>Table 1 Classification of Shape Memory Alloy</td>
<td>30</td>
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<tr>
<td>Table 2 xxx</td>
<td>31</td>
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<tr>
<td>Table 3 xxxxxxx</td>
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</tbody>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Chart 1 Organization</td>
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<tr>
<td>Chart 2 xxx</td>
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<tr>
<td>Chart 3 xxxxxxx</td>
<td>15</td>
</tr>
</tbody>
</table>

Figure 3: Examples of Tables and Charts

3. Symbols: all mathematical and/or special symbols used should be listed and illustrated on one page for reference. There is no need for individual numbering (see Appendix 8).

4. Main Text:
   (1) Chapter & Section Number: in numbers accordingly (I, II, etc.); sections in numbers accordingly (1, 1-1, 1-1-1, 1., (1), 1, etc.).
   (2) Chapter Title and Section Order: (See Figure 4.)
      ① Chapter Numbers and Names in the center at the top
      ② Paragraphs and sections starting from the left of the page, indenting one or two spaces
      ③ Numbers and names of sub-paragraphs presented by indenting a few spaces from the begging of the line.

![Figure 4: Examples of Chapter, Section, Paragraph, and Contents](image-url)
(3) Line Spacing: single, space, 28 lines minimum per page. A 1.5-space line below chapter names.

(4) Mathematical Expressions: Number each and every formula with brackets “( )” according to their order in the thesis.

Example:

\[
\frac{\partial C}{\partial (RPP)} = H - \left[ \sum_{D=RPP/S}^\infty f(D) \right] bA/Q \tag{35}
\]

\[
\frac{\partial C}{\partial Q} = H/2 - \sigma S A/Q - \left[ \sum_{D=RPP/S}^\infty (SD - RPP)f(D) \right] bA/Q^2 \tag{36}
\]

The optimal condition can be computed if (35) and (36) are set to be 0.

(5) Footnote: ① Special issues or viewpoints can use Footnotes to illustrate.
   ② Footnotes should be sequentially numbered and displayed on the upper right corner. Consecutive numbers within each chapter; start over for new chapters.
   ③ Footnote numbers and contents at the same page at the bottom separated from the main text with a line. Use next page if insufficient space.

Example:
The travelling time of passengers outside [railway] carriage, including walking\textsuperscript{10} and waiting, is analyzed below:

① Under the circumstance of W-meter\textsuperscript{11} MRT service belt, Grid Typ pedestrian path system, and mixed journey (shown in Figure 4).

(6) Bibliographies: All citations, regardless of languages and chapters, should be sequentially numbered. The numbers in question are put in ‘[ ]’. Full bibliographical information should be enclosed after the main text.

Example: The model produced by Duncan\textsuperscript{1} is the most frequently used one when designing control picture. The model works based on the following manufacturing process and some assumptions on incomes.

(7) Tables and Figures Arrangement:

① Numbers and names of tables are placed above the table; numbers and names of figures below. Sources and illustrations, both tables and figures, are placed below.

② Numbers inside tables and figures should be word-processed or in technical lettering.

Table 1: x

<table>
<thead>
<tr>
<th>Source: xxxxx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 3: x</td>
</tr>
<tr>
<td>Source: xxxx</td>
</tr>
</tbody>
</table>

\textsuperscript{10} Considering the accessibility to [train] station, passengers are assumed to arrive on foot.

\textsuperscript{11} Strictly speaking, the service range of MRT or railway is a circle surrounding the station in W radius. W can be computed from multiplying together walking speed and the walking time passengers can bear.
5. **Bibliographies Arrangement**

(1) All bibliographies are listed on a new page after the main text according to their labeled numbers (see Appendix 9).

(2) **Sequence and Format:**

- **Books:** Names underlined, formatted as below, information not provided can be omitted.

<table>
<thead>
<tr>
<th>Author, Co-author, Co-author, Book, Volume, Translator, Edition</th>
<th>Book, (Editor), Publisher, Location, Year and Month</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4 5 6 7</td>
<td>8 9 (or published by editor/s) 11 12</td>
</tr>
</tbody>
</table>

Example: [1] 張起鈞, 吳怡, 中國哲學史話, 四版, 台北, 著者發行, 民國五十九年。
[3] 胡立人、張源渭、黃克東, 數字化中文字彙, 系統出版社,台北, 民國六十六年。

**Remark:**

a. If more than one author, follow the order in the original literature.
b. If more than three authors, list the first author’s name only followed by “等” or “et al.”.
c. Authored by Institution and/or school treated as individual author.
   Example: 中國圖書館學會, 圖書館標準, 正中書局, 台北, 民國五十四年。
d. Same author with different books, author’s name replaced with ‘──’.
   Example: [1] 李期泰, 外交學, 正中書局, 台北, 民國五十一
   [2] ───, 國際政治, 正中書局, 台北, 民國五十二年。
e. Author unknown, regarding book names as authors.
   Example: [1] 北京大學五十週年紀念特刊, （北平？, 出版者不詳, 民國三十七年）。
f. **Translation Works**
   Example: [1] (德) 赫塞 (Herman Hesse) 著, 鄧慈, 陳曉南譯, 新潮文庫, 台北, 民國六十五年。
g. Author in pseudonym or courtesy names treated as names followed by real names in ‘〔〕’.
   Example: [1] 孟瑤〔楊宗珍〕, 飛燕去來，再版，皇冠雜誌社，台北，民國六十三年。

- **Journals and Essays:** Names underlined. Chinese titles in “「」”; English titles in “‘’”. Examples see below:
Example: [1] 陳惠戎, 「如何解決公務人員住的困難」，中國論壇，38~42頁，民國六十五年七月二十五日。
[3] 陳永健，蔡中川，「計算機輔助之中文印刷系統」，科學發展月刊，第三卷第七期，558~569頁，66年7月。

③ Conference Proceedings

Example: 蔡中，「拓樸分析法之電性意義」，67年度電子材料、元件及電子電路技術研討會，A52~A57頁，台北，民國67年6月23日。

④ Thesis

Example: 薛榮桃，「異長中文資料儲存法之研究」，國立交通大學，碩士論文，民國67年。

6. Appendices: New pages can be used as Appendices for copious data, inference, explanatory notes, and so forth, or rather long-winded literature, tables and figures (see Appendix 10).
National Chiao Tung University

Department of Computer and Information Science

Thesis

NGPLS - 一個非 GPS 之定位系統

NGPLS - A Non GPS Position Location System

Student: Da-Ming Fan
Advisor: Prof. Chih-Ming Huang

June, 1997
NGPLS - 一個非 GPS 之定位系統
NGPLS - A Non GPS Position Location System

研究生：范大銘  Student: Da-Ming Fan
指導教授：黃志銘  Advisor: Chih-Ming Huang

國立交通大學
資 訊 科 學 系
碩 士 論 文

A Thesis
Submitted to Department of Computer and Information Science
College of Electrical Engineering and Computer Science
National Chiao Tung University
in partial Fulfillment of the Requirements
for the Degree of
Master
in
Computer and Information Science

June 1997
Hsinchu, Taiwan, Republic of China

中華民國八十六年六月

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Advisor: Xxx,Xxxxx

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I understand the content

Student: _________________________________(Signature)

Advisor: _________________________________(Signature)

/Year /Month /Date
National Chiao Tung University

Verification from the Oral Examination Committee

NCTU
Dept. of Computer and Information Science
Master____________________
Mr./Ms.____________________

Thesis: _____________________________________________
_________________________________________________
_________________________________________________
_________________________________________________

Fulfill the Doctoral / Master’s Requirement; reviewed and verified by this committee. Oral Examination Committee Members:

_________________________  _________________________
_________________________________________________
_________________________________________________
_________________________________________________

Advisor:

_________________________  _________________________

Head of Dept.:

Date:________________________ (YYYY/MM/DD)
Appendix 5: Sample of English Abstract

(English Title)

Student: ————

Advisors: Dr. ————
Dr. ————
Dr. ————

Department (Institute) of ————
National Chiao Tung University

ABSTRACT

A procedure is ————

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Appendix 8: Symbols

Symbols

\( \Delta g_c \): chemical free energy difference
\( \sigma \): interfacial energy per unit area
\( A \): elastic strain energy coefficient
\( B \): stress induced martensite
\( \text{SIM} \): stress induced martensite
\( \sigma_{P-M} \): critical stress to induce SIM
\( \gamma \): surface tension force
\( r_1, r_2 \): radius of curvature
\( \Delta \mu \): chemical potential gradient
\( \Omega \): atomic volume
\( \text{T.D.} \): theoretical density

Appendix 9: Bibliographies

Bibliographies

1. ————————————————————————————————————
2. ————————————————————————————————————
3. ————————————————————————————————————
4. ————————————————————————————————————
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Appendix 10: Appendix Format

Appendix 1

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Appendix 11: Autobiography or CV

Autobiography (or CV)

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-15-
### Appendix 12: Examples of Book Spine

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- Da-Ming Fan
- Da-Ming Fan
-電信工程學系
-電機學院
-交通大學
-交通大學

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