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Ph.D.

MONTREAL, "DEPOSIT DATE"

ÉCOLE DE TECHNOLOGIE SUPÉRIEURE
UNIVERSITÉ DU QUÉBEC



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FOREWORD

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ACKNOWLEDGEMENTS

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FRENCH TITLE

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RÉSUMÉ

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Mots-clés: mot-clé1, mot-clé2

DOCUMENT TITLE

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ABSTRACT

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Keywords: keyword1, keyword2

TABLE OF CONTENTS

	Page
INTRODUCTION	1
CHAPTER 1 LONG CHAPTER TITE, WITH LINEBREAK. LOREM IPSUM DOLOR SIT AMET, CONSECTETUR ADIPISCING ELIT. PELLENTESQUE JUSTO JUSTO, PORTA SAGITTIS FEUGIAT EGET, ORNARE RHONCUS LIGULA. NUNC NON ODIO SED LACUS RUTRUM RHONCUS.	3
1.1 Layout tests	3
1.1.1 Listing tests	3
1.1.1.1 Enumerations: enum environment	3
1.1.1.2 Lists: itemize environment	3
1.1.2 Equations tests	4
1.2 Second section	4
CHAPTER 2 SECOND CHAPTER	5
2.1 Table layout tests	5
2.2 References test	5
2.2.1 References to the bibliography	5
2.2.2 References to the list of references "refs"	5
2.2.3 References to a label of the document	5
2.2.4 URL references	6
2.2.4.1 Test of "href"	6
2.2.4.2 Test de url	6
CHAPTER 3 EXAMPLE OF A THESIS BY ARTICLE, WITH INTEGRATED ARTICLE	7
3.1 Section 1	7
CONCLUSION AND RECOMMENDATIONS	9
APPENDIX I APPENDIX EXAMPLE	11
BIBLIOGRAPHY	13

LIST OF TABLES

	Page
Table 2.1 Test of a long table caption, with linebreak.	5

LIST OF FIGURES

	Page
Figure 0.1 Test of a long caption, using a framebox and a parbox to constrain the caption.	1

LIST OF ABBREVIATIONS

ETS	École de Technologie Supérieure
ASC	Agence Spatiale Canadienne

LISTE OF SYMBOLS AND UNITS OF MEASUREMENTS

a	Première lettre de l'alphabet
A	Première lettre de l'alphabet en majuscule

INTRODUCTION

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Figure 0.1 Test of a long caption, using a framebox and a parbox to constrain the caption.

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tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

CHAPTER 1

**LONG CHAPTER TITE, WITH LINEBREAK. LOREM IPSUM DOLOR SIT AMET,
CONSECTETUR ADIPISCING ELIT. PELLENTESQUE JUSTO JUSTO, PORTA
SAGITTIS FEUGIAT EGET, ORNARE RHONCUS LIGULA. NUNC NON ODIO SED
LACUS RUTRUM RHONCUS.**

1.1 Layout tests

In this sections, several environments are presented.

1.1.1 Listing tests

Presentation of the main listing environments: enumerations and lists.

1.1.1.1 Enumerations: enum environment

Enum environment test:

1. test 1
2. test 2

1.1.1.2 Lists: itemize environment

Test of the itemize environment

- test 1
- test 2

1.1.2 Equations tests

Layout of the equations:

$$\beta = 8 \tag{1.1}$$

$$\gamma = \alpha \times 3 \tag{1.2}$$

1.2 Second section

Example of a second section, to test the layout in the table of contents.

CHAPTER 2

SECOND CHAPTER

2.1 Table layout tests

Tables have the same constraints than the figures, except for the caption that has to be on top.

Table 2.1 Test of a long table caption, with linebreak.

titre	titre	titre	titre	titre	titre	titre	titre
blá	blá	blá	blá	blá	blá	blá	blá
blá	blá	blá	blá	blá	blá	blá	blá
blá	blá	blá	blá	blá	blá	blá	blá
blá	blá	blá	blá	blá	blá	blá	blá
blá	blá	blá	blá	blá	blá	blá	blá
blá	blá	blá	blá	blá	blá	blá	blá

2.2 References test

2.2.1 References to the bibliography

Reference from the bibliography Doe *et al.* (1999c).

2.2.2 References to the list of references "refs"

References from the list of references "refs", declared at the beginning of the document ?.

2.2.3 References to a label of the document

Reference to a Figure associated to a label: Figure 0.1.

2.2.4 URL references

2.2.4.1 Test of "href"

Href is used to integrate a link to a text: Link to the template page..

2.2.4.2 Test de url

Url is used to format a clickable link: <http://www.etsmtl.ca/Etudiants-actuels/Cycles-sup/Realisation-etudes/Guides-gabarits>.

CHAPTER 3

EXAMPLE OF A THESIS BY ARTICLE, WITH INTEGRATED ARTICLE

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Article soumis à la revue « Vecteur environnement » en septembre 2010.

3.1 Section 1

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CONCLUSION AND RECOMMENDATIONS

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APPENDIX I

APPENDIX EXAMPLE

1. First section of the appendix

1.1 Figures in annexes



Figure-A I-1 Figure in an appendix.

In the annexes, the figures are declared in the same way. Their numbering changes automatically (e.g. Figure I-1).

1.1.1 Tables in annexes

Table-A I-1 Table in an appendix.

titre	titre	titre	titre	titre	titre	titre	titre
blá	blá	blá	blá	blá	blá	blá	blá
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blá	blá	blá	blá	blá	blá	blá	blá



Figure-A I-2 Subfig example.

Same behaviour for the tables (e.g., Table I-1).

BIBLIOGRAPHY

- Doe, J. (1999a). ACRONYM: Class name. Institution.
- Doe, J. (1999b). ACRONYM: Class name [Class notes]. Consulted at <http://www.google.ca>.
- Doe, J. (1999c). *The title of the thesis*. (Master's thesis, School, Address).
- Doe, J. (1999d). *The title of the thesis*. (Master's thesis, School, Address). Consulted at Name of the database. (ID number).
- Doe, J. (1999e). *The title of the thesis*. (Master's thesis, School, Address). Consulted at <http://www.google.ca>.
- Doe, J. (1999f, October, 2). Web page title [Format]. Consulted at <http://www.google.ca>.
- Doe, J. (1999g). Dataset title [Online dataset]. Consulted at <http://www.google.ca>.
- Doe, J. [Nickname]. (1999h, October, 2). Web page title [Format]. Consulted at <http://www.google.ca>.
- Doe, J. [Nickname]. (1999i, October, 2). Video title [Youtube Video]. Consulted at <http://www.google.ca>.
- Doe, J. (1999j). *Patent type n°42*. Location: organization.
- Doe, J. (1999k). *The title of the thesis*. (Ph.D. thesis, School, Address).
- Doe, J. (1999l) [Short description of the contents]. Unpublished raw data.
- Doe, J. (1999m). Software name (Version 1.0) [Software]. Location: Publisher.
- Doe, J. (1999n). *The title of the report* (Report n°42). Location: Publisher.
- Doe, J. (1999o). *Document title*. Unpublished document, Institution, Location.
- Doe, J. (1999p). *Document title*. Manuscript submitted for publication.
- Doe, J. (1999q). *Document title*. Consulted at <http://www.google.ca>.
- Doe, J., Doe, J. & Doe, J. (1999a). Title of the article. *Name of the journal*, 4(2), 220-242.
- Doe, J., Doe, J. & Doe, J. (1999b). Title of the article. *Name of the journal*. In press.
- Doe, J., Doe, J. & Doe, J. (1999c). *Title of the book* (ed. 3). Location: Publisher.
- Doe, J., Doe, J. & Doe, J. (1999d). *Title of the book* [Version]. doi: 123-456-789.
- Doe, J., Doe, J. & Doe, J. (Eds.). (1999e). *Title of the book* (ed. 3). Location: Publisher.

- Doe, J., Doe, J. & Doe, J. (1999f). *Title of the book* [Version]. Consulted at <http://www.google.com>.
- Doe, J., Doe, J. & Doe, J. (1999g). Title of the entry. In *Title of the encyclopedia* (ed. 3, vol. 4, pp. 220-242). Location: Publisher.
- Doe, J., Doe, J. & Doe, J. (1999h). In Doe, J., Doe, J. & Doe, J. (Eds.), *Title of the book* (ed. 3, vol. 4, ch. 7, pp. 220-242). Location: Publisher.
- Doe, J., Doe, J. & Doe, J. (1999i). Title of the chapter. In Doe, J., Doe, J. & Doe, J. (Eds.), *Title of the book* (ed. 3, vol. 4, pp. 220-242). Location: Publisher.
- Doe, J., Doe, J. & Doe, J. (1999j). Title of the article. In Doe, J., Doe, J. & Doe, J. (Eds.), *Title of the conference proceedings* (ed. 3, vol. 4, pp. 220-242). Location: Publisher.
- Doe, J., Doe, J. & Doe, J. (1999k, October). *Title of the article*. Communication presented in Title of the conference proceedings, Location (pp. 220-242).
- Doe, J., Doe, J. & Doe, J. (1999l). Title of the article. *Title of the conference proceedings*, 4(2), 220-242.
- Doe, J., Doe, J. & Doe, J. (1999m, October). Title of the article. *Title of the magazine*, 4(2), 220-242.
- Doe, J., Doe, J. & Doe, J. (1999n, October). Title of the article. *Title of the magazine*, pp. 220.
- Organization name. (1999). *Norm title*. Institution and norm number. Location: Organization name.