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A thesis submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy in the subject of Computer Science

Month Year

University of Namur PReCISE Research Center



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""Citation""

—Author

## **ABSTRACT**

This is an abstract.

# RÉSUMÉ

Ceci est un résumé.

## **ACKNOWLEDGEMENTS**

Thanks.

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Part I

**Preface** 

CHAPIER

# Introduction

Ceci est une introduction.

To do: Write

# BACKGROUND

CHAPTER

STATE OF THE ART

# Part II Contributions

# CHAPTER

# **CHAPTER**

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### 4.1 Sections

### 4.1.1 Subsection

### Subsubsection

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### **4.2** Text

This is a paragraph. This is another paragraph.

This is a bold paragraph.
This is an italic paragraph.

THIS IS A PARAGRAPH WITH CAPITAL LETTERS.

This is the first paragraph.

This is a paragraph with a vertical space of 1.5cm around.

This is a paragraph with a small vertical space after.

This is a paragraph with medium vertical space after.

This is a paragraph with large vertical space after.

This is the last paragraph.

This is a paragraph with a small vertical space after.

This is a paragraph with medium vertical space after.

This is a paragraph with large vertical space after.

This is the last paragraph.

### Automatic hyphenation

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### Custom hyphenation in text

Maison voiture lit table chaise chien chat fleur journal tasse bic punaise anticonstitutionnellement.

### Custom hyphenation configured in style

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### Incesable space (with)

Anticonstitutionnellement interdépartementalisation dichlorodiphényltrichloroéthane été.

"This is a citation".

### 4.3 Characters

Short dash : -Middle dash : -Long dash : —

# 4.4 Hyperlinks

https://fr.wikipedia.org/ This is a clickable link towards Wikipedia

### 4.5 Enumerations

- A. Item
- B. Item
- C. Item
- A) Item
- B) Item
- C) Item
- (i) Item
- (ii) Item
- (iii) Item
  - Item
- Item
- **■** Item
- $\square$  Item
- Item
- Item
- Item
- (i) Item with content

Content.

(ii) Item with content

Content.

(iii) Item with content

Content.

- (i) Item
- (ii) Item
- (iii) Item

The following enumeration resumes the previous one:

- (iv) Item
- (v) Item
- (vi) Item
  - Item 1
  - Item 2
    - Sub-item 1.1
    - Sub-item 1.2
    - Sub-item 1.3
  - Item 3

### This is an item

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#### 4.6 Tables

Long table possibly on multiple pages:

Table 4.1: A long table

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#### Table with enumerations :

Table 4.2: A table with enumerations

Title						
Subti	tle					
Cell	<ul><li>List item 1</li><li>List item 2</li></ul>					
Cell	<ul><li>List item 1</li><li>List item 2</li></ul>					
Cell	<ul><li>List item 1</li><li>List item 2</li></ul>					

#### Stylished table:

Table 4.3: A stylished table

		A multicolumn										
	A	В	С	D								
1	2	3	4	5								
1	2	3	4	5								
1	2	3	4	5								

#### 4.7 Graphics



Figure 4.1: Figure SVG



Figure 4.2: Figure PNG

D'INFORMATIQUE

#### 4.8 Algorithms

#### Algorithm 1 An algorithm for computing

```
1: procedure COMPUTE(x, y, z \leftarrow 0)
Require: Input data
Ensure: Output result
 2:
        a \leftarrow x
        b \leftarrow y
 3:
 4:
        c \leftarrow \emptyset
 5:
        for all item_a \in a do
            d \leftarrow 0
 6:
            for all item_b \in b do
 7:
 8:
                if item_a = item_b then
                     d \leftarrow d + 1
 9:
                     c \leftarrow c \cup \{item_a\}
10:
                else
11:
                     d \leftarrow d + 0
12:
                end if
13:
            end for
14:
15:
        end for
16:
        return c, d
17: end procedure
```

## 4.9 Listings

Listing 4.1: This is a java code

```
public class Java {
    public static void main(String[] args) {
        System.out.println("Hello World");
4     }
5 }
```

#### 4.10 References

Section: 4.1 Graphics: 4.1 Item: A.

Bibliography reference : Lamport [1991]

Bibliography full entry: Lamport, L. (1991). LaTeX. ŚCompany Cyfronet

#### 4.11 Footnote

This is a sentence containing a footnote  $^{1}$ .

<sup>&</sup>lt;sup>1</sup>This is the footnote

#### 4.12 Glossary and acronyms

The term "Latex" or "latex" is defined in the glossary.

The term "language" (in plural "languages") is defined in the glossary.

The acronym "GCD" is in short form.

The acronym "Greatest Common Divisor" is in long form.

The acronym "Greatest Common Divisor (GCD)" is in full form.

The acronym "Greatest Common Divisor (GCD)" is used for the first time in the text under the full form and than reused here "GCD" in the short form.

## **NEW CHAPTER**

The full form of the acronym "Greatest Common Divisor (GCD)" is reset in a new chapter and continues his short form after.

The term Apple is in the index. The term Banana is in the index. The term Chocolate is in the index. The term Dolphin is in the index. The term Elephant is in the index. The term Forest is in the index. The term Galaxy is in the index. The term Harmony is in the index. The term Iceberg is in the index. The term Jellyfish is in the index. The term Kangaroo is in the index. The term Lemon is in the index. The term Mountain is in the index. The term Notebook is in the index. The term Ocean is in the index. The term Penguin is in the index. The term Quasar is in the index. The term Raindrop is in the index. The term Sunshine is in the index. The term Telescope is in the index. The term Umbrella is in the index. The term Vanilla is in the index. The term Waterfall is in the index. The term Xenon is in the index. The term Yoga is in the index. The term Zephyr is in the index. The term LaTeX is in the index. The term Avocado is in the index. The term Blossom is in the index. The term Carousel is in the index. The term Dandelion is in the index. The term Enigma is in the index. The term Flamingo is in the index. The term Gargoyle is in the index. The term Halcyon is in the index. The term Iridescent is in the index. The term Jacaranda is in the index. The term Kaleidoscope is in the index. The term Labyrinth is in the index. The term Magnolia is in the index. The term Nebula is in the index. The term Opulent is in the index. The term Pinnacle is in the index. The term Quasar is in the index. The term Radiant is in the index. The term Serendipity is in the index. The term Tranquil is in the index.

The term Utopia is in the index.

The term Velvet is in the index.

The term Whimsical is in the index.

The term Xanadu is in the index.

The term Yonder is in the index.

The term Zenith is in the index.

The term Eclipse is in the index.

The term Firefly is in the index.

The term Glisten is in the index.

The term Halcyon is in the index.

The term Illusion is in the index.

The term Jamboree is in the index.

The term Kismet is in the index.

The term Luminous is in the index.

The term Melody is in the index.

The term Nimbus is in the index. The term Odyssey is in the index.

The term Plenitude is in the index.

The term Quixotic is in the index.

CHAPTER

## CHAPTER ON SAME PAGE (1)

CHAPTER

CHAPTER ON SAME PAGE (2)

Part III

**Postface** 

# CHAPTER

**CHAPTER** 

SHAPTER STATES

## **CONCLUSION**

This is a conclusion.

## Part IV

# **Appendices**



## APPENDIX 1

## LIST OF ALGORITHMS

												_
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## LIST OF FIGURES

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## **LIST OF LISTINGS**

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## LIST OF TABLES

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## **GLOSSARY**

language

Way of communication. 32 Large is a markup language specially suited for scientific documents. 32 latex

#### **ACRONYMS**

GCD Greatest Common Divisor. 32, 33

## **INDEX**

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	D			J	
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	E			K	
Eclipse Elephant Enigma		35 34 34	Kaleidoscope Kangaroo Kismet		34 34 35
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	Ν		•		
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#### **BIBLIOGRAPHY**

Lamport, L. (1991). LaTeX. ŚCompany Cyfronet.