

# Microbial communities through the lens of data integration, knowledge aggregation and metabolic networks analysis

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Thesis submitted for the degree of, optie Elektronica en geïntegreerde schakelingen

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## Preface

I would like to thank everybody who kept me busy the last year, especially my promoter and my assistants. I would also like to thank the jury for reading the text. My sincere gratitude also goes to my wive and the rest of my family.

 $Har is\ Zafe iropoulos$ 

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## Abstract

The abstract environment contains a more extensive overview of the work. But it should be limited to one page.

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## Samenvatting

In dit abstract environment wordt een al dan niet uitgebreide Nederlandse samenvatting van het werk gegeven. Wanneer de tekst voor een Nederlandstalige master in het Engels wordt geschreven, wordt hier normaal een uitgebreide samenvatting verwacht, bijvoorbeeld een tiental bladzijden.

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## List of Figures and Tables

List of Figures

List of Tables

## List of Abbreviations and Symbols

#### **Abbreviations**

LoG Laplacian-of-Gaussian MSE Mean Square error

PSNR Peak Signal-to-Noise ratio

#### **Symbols**

42 "The Answer to the Ultimate Question of Life, the Universe, and Everything" according to [1]

c Speed of light

E Energy m Mass

 $\pi$  The number pi

## Chapter 1

## Introduction

The first contains a general introduction to the work. The goals are defined and the modus operandi is explained.

#### 1.1 Lorem Ipsum 4–5

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#### 1.2 Lorem Ipsum 6–7

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#### 1. Introduction

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### Chapter 2

## Microbial diversity: the who

A chapter is a logical unit. It normally starts with an introduction, which you are reading now. The last topic of the chapter holds the conclusion.

#### 2.1

First comes the introduction to this topic.

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#### 2.1.1 An item

Please don't abuse enumerations: short enumerations shouldn't use "itemize" or "enumerate" environments. So never write:

The Eiffel tower has three floors:

- the first one;
- the second one;
- the third one.

#### But write:

The Eiffel tower has three floors: the first one, the second one, and the third one.

#### 2.2 A Second Topic

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#### 2.2.1 Another item

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#### 2.3 Conclusion

The final section of the chapter gives an overview of the important results of this chapter. This implies that the introductory chapter and the concluding chapter don't need a conclusion.

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## Appendices

## Bibliography

[1] D. Adams. The Hitchhiker's Guide to the Galaxy. Del Rey (reprint), 1995. ISBN-13: 978-0345391803.

#### PhD disseration

Student: Haris Zafeiropoulos

Titel: Microbial communities through the lens of data integration, knowledge aggregation and metabolic networks analysis

Nederlandse titel: Beste masterproef ooit al geschreven

*UDC*: 621.3

Korte inhoud:

Hier komt een heel bondig abstract van hooguit 500 woorden. IATEX commando's mogen hier gebruikt worden. Blanco lijnen (of het commando \par) zijn wel niet toegelaten!

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