



Università degli Studi di Napoli Federico II
Dottorato di Ricerca in
Ingegneria Strutturale, Geotecnica e Rischio Sismico

THESIS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Title First Row Title Second Row

by

GIVEN_NAME FAMILY_NAME

Advisor: Prof. X Y

Co-advisor: Prof. W Z



SCUOLA POLITECNICA E DELLE SCIENZE DI BASE
DIPARTIMENTO D STRUTTURE PER L'INGEGNERIA E L'ARCHITETTURA

Dedication

or

Some quote

TITLE FIRST ROW TITLE SECOND ROW

Ph.D. Thesis presented
for the fulfillment of the Degree of Doctor of Philosophy
in Ingegneria Strutturale, Geotecnica e Rischio Sismico
by

GIVEN _NAME FAMILY _NAME

October 2022



Approved as to style and content by

Prof. X Y, Advisor

Prof. W Z, Co-advisor

Università degli Studi di Napoli Federico II

Ph.D. Program in Ingegneria Strutturale, Geotecnica e Rischio Sismico
XXXV cycle - Chairman: Prof. Iunio Iervolino



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Candidate's declaration

I hereby declare that this thesis submitted to obtain the academic degree of Philosophiæ Doctor (Ph.D.) in Ingegneria Strutturale, Geotecnica e Rischio Sismico is my own unaided work, that I have not used other than the sources indicated, and that all direct and indirect sources are acknowledged as references.

Parts of this dissertation have been published in international journals and/or conference articles (see list of the author's publications at the end of the thesis).

Napoli, February 9, 2022

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Abstract

According to the PhD program regulations, theses are written in English. An abstract and keywords are mandatory, both in English and in Italian. Try to make each fit on one page.

Start with a short paragraph setting up the context. Move to a motivation paragraph for your research, synthetically explaining the problem you targeted. State the original contribution(s).

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La tesi di dottorato è redatta in lingua inglese. La tesi deve essere corredata da una sintesi (abstract) in lingua inglese e in lingua italiana. Cercare di limitare ciascuna sintesi ad una pagina.

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La tesi è valutata da almeno due docenti di elevata qualificazione, anche appartenenti a istituzioni estere, esterni ai soggetti che concorrono al rilascio del titolo di dottorato (valutatori).

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Previo autorizzazione del Collegio dei Docenti, possono essere rese indisponibili, eventualmente anche fissando un limite temporale, parti della tesi in relazione all'utilizzo di dati tutelati da segreto industriale ai sensi della normativa vigente in materia.

Parole chiave: da quattro, a sei, parole chiave, separate da virgola.

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Acknowledgements

Put acknowledgements here, e.g. to fundings (PON, company-funded scholarship, EU project, INPS Dottorati innovativi Intersettoriali “Industria 4.0”, etc.), to hosting labs, to used resources, to foreign hosting institutions for research periods spent abroad, etc.

Examples:

The research presented in this dissertation has been supported by the Italian Ministry of University and Research (MUR) under program PON 2014-2020 ...

The author’s work has been supported by a PhD scholarship funded by ... company name ...

The author’s work has been carried out in the framework of the PRIN 2018 (Progetti di Rilevante Interesse Nazionale) project “Project Title”, grant nr. ...

The author’s work has been partially carried out in the framework of the European Union project of the Horizon program “PROJECT ACRONYM - Title”, grant nr. ...

List of Acronyms

The following acronyms are used throughout the thesis.

ML Machine Learning

RQ Research Question

List of Figures

2.1	Figure caption goes below the figure	4
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List of Tables

2.1 Table caption goes above the table 4

List of Symbols

The following symbols are used within the thesis

c Speed of light in a vacuum

h Planck constant

Chapter 1

Introduction

*Experience is the hardest kind of
teacher: it gives you the test first and
the lesson afterward.*

Oscar Wilde

The thesis page format is B5, double side.

Chapters start at odd page numbers (right pages). Optionally, an epigraph may be added like above.

...

Just an example of how to conclude the introduction:

The rest of the thesis is structured as follows.

Chapter 1 introduces ...

Chapter 2 presents ...

Chapter 3 ...

Chapter 4 ...

Chapter 5 summarizes ...

next page left empty if this is an odd page

Chapter 2

Title, e.g.: Background and related work

Experience is the hardest kind of teacher: it gives you the test first and the lesson afterward.

Oscar Wilde

Chapters start at odd page numbers (right pages). Optionally, an epigraph may be added like above.

Previous page left empty if previous chapter ends with odd page number.

Text continues.

Text

This chapter presents ...

2.1 Section title

2.1.1 Subsection title

Text

Text



Figure 2.1. Figure caption goes below the figure

2.1.2 Subsection title

Sample text with reference to Figure [2.1](#).
Text with citation to ref. [\[1\]](#).

Subsubsection title (no numbering)

Sample text with reference to Table [2.1](#).
Text

Table 2.1. Table caption goes above the table

Name	Command
Chapter	<code>\chapter{Chapter name}</code>
Section	<code>\section{Section name}</code>
Subsection	<code>\subsection{Subsection name}</code>
Subsubsection	<code>\subsubsection{Subsubsection name}</code>
Paragraph	<code>\paragraph{Paragraph name}</code>
Subparagraph	<code>\paragraph{Subparagraph name}</code>

Subsubsection title

Left page of a chapter (even page number) - note the page heading

2.2 Section title**2.2.1 Subsection title**

Right page of a chapter (odd page number) - note the page heading

Text

Subsubsection title (no numbering)

Text

2.2.2 Subsection title

Text

Example of itemization:

- Item 1 text
- Item 2 text
- Item 3 text
- Item 4 text

Subsubsection title (no numbering)

Text

Example of enumeration:

1. Item 1 text
 2. Item 2 text
-

3. Item 3 text

4. Item 4 text

Text

2.2.3 Subsection title

Text

Text

Chapter 3

Title of chapter 3

Chapters start at odd page numbers (right pages).

Previous page left empty if previous chapter ends with odd page number.

3.1 Section title

3.1.1 Subsection title

Text

Text

Subsubsection title

Text

Text

Text

Text

3.1.2 Subsection title

Text

Text

Text

Chapter 4

Title of chapter 4

Chapters start at odd page numbers (right pages).

Previous page left empty if previous chapter ends with odd page number

4.1 Section title

4.1.1 Subsection title

Subsubsection title

Chapter 5

Conclusions

Text

Bibliography

- [1] D.E. Knuth. The errors of TEX. *Software: Practice and Experience*, 19(7), 1989.

Author's publications

Insert here the list of your scientific publications during the PhD, e.g.:

1. D.E. Knuth. The errors of TEX. Software: Practice and Experience, 19(7), 1989. DOI: 10.1002/spe.4380190702.
2. D.E. Knuth. Structured Programming with go to Statements, ACM Computing Surveys, 6(4), 261-301, 1974. DOI: 10.1145/356635.356640.

