



**POLITECNICO**  
**MILANO 1863**

**SCUOLA DI INGEGNERIA INDUSTRIALE  
E DELL'INFORMAZIONE**

## Thesis Title

TESI DI LAUREA MAGISTRALE IN  
COURSE ENGINEERING

Name Surname, 00000000

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**Advisor:**

Prof. Name Surname

**Co-advisor:**

Prof. Name Surname

**Academic year:**

2024-2025

**Abstract:** Here goes the Abstract in English of your thesis (in article format) followed by a list of keywords. The Abstract is a concise summary of the content of the thesis (single page of text) and a guide to the most important contributions included in your thesis. The Abstract is the very last thing you write. It should be a self-contained text and should be clear to someone who hasn't (yet) read the whole manuscript. The Abstract should contain the answers to the main research questions that have been addressed in your thesis. It needs to summarize the motivations and the adopted approach as well as the findings of your work and their relevance and impact. The Abstract is the part appearing in the record of your thesis inside POLITesi, the Digital Archive of PhD and Master Theses (Laurea Magistrale) of Politecnico di Milano. The Abstract will be followed by a list of four to six keywords. Keywords are a tool to help indexers and search engines to find relevant documents. To be relevant and effective, keywords must be chosen carefully. They should represent the content of your work and be specific to your field or sub-field. Keywords may be a single word or two to four words

Keywords:

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This document is intended to be both an example of the Polimi Typst template for Master Theses in article format, as well as a short introduction to its use. It is not intended to be a general introduction to Typst itself, and the reader is assumed to be familiar with the basics of creating and compiling Typst documents.

The cover page of the thesis in article format must contain all the relevant information: title of the thesis, name of the Study Programme, name(s) of the author(s), student ID number, name of the supervisor, name(s) of the co-supervisor(s) (if any), academic year.

Be sure to select a title that is meaningful. It should contain important keywords to be identified by indexer. Keep the title as concise as possible and comprehensible even to people who are not experts

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It is convenient to break the article format of your thesis (in article format) into sections and subsections. If necessary, subsubsections, paragraphs and subparagraphs can be used.

A new section is created by the command

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The numbering can be turned off by using the complete function:

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#heading(numbering: none, "Title of the section")
```

A new subsection is created by the command:

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## 3. Equations

## 4. Figures, Tables and Algorithms

### 4.1. Figures

### 4.2. Tables

### 4.3. Algorithms

## 5. Some further useful recommendations

How to insert itemized lists:

- first item;
- second item.

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1. first item;
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A final section containing the main conclusions of your research/study have to be inserted here.

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Your thesis must contain a suitable Bibliography which lists all the sources consulted on developing the work. The list of references is placed at the end of the manuscript after the chapter containing the conclusions. It is suggested to use the BibTeX package and save the bibliographic references in the file `Thesis_bibliography.bib`.

## 9 Bibliography

- [1] D. E. Knuth, “Computer Programming As an Art,” *Commun. ACM*, pp. 667–673, 1974.
- [2] D. E. Knuth, “Two notes on notation,” *Amer. Math. Monthly*, vol. 99, pp. 403–422, 1992.
- [3] L. Lamport, *LaTeX: A Document Preparation System*. Pearson Education India, 1994.
- [4] P. Adams, “The title of the work,” *The name of the journal*, vol. 4, no. 2, pp. 201–213, 1993.
- [5] P. Babington, *The title of the work*, 3rd ed., vol. 4. in 10, vol. 4. The address: The name of the publisher, 1993.
- [6] P. Caxton, “The title of the work.” The address of the publisher, 1993.
- [7] P. Draper, “The title of the work,” in *The title of the book*, T. editor, Ed., in 5, vol. 4. The address of the publisher: The publisher, 1993, p. 213.
- [8] P. Eston, “The title of the work,” 3rd ed., vol. 4, in 5, vol. 4., The address of the publisher: The name of the publisher, 1993, ch. 8, pp. 201–213.
- [9] P. Farindon, “The title of the work,” *The title of the book*, vol. 4. in 5, vol. 4. The name of the publisher, The address of the publisher, pp. 201–213, 1993.
- [10] P. Gainsford, “The title of the work.” The address of the publisher, 1993.
- [11] P. Harwood, “The title of the work,” Master's thesis, The address of the publisher, 1993.
- [12] P. Isley, “The title of the work.” 1993.
- [13] P. Joslin, “The title of the work,” Doctoral dissertation, The address of the publisher, 1993.
- [14] P. Kidwelly, Ed., *The title of the work*, vol. 4. in 5, vol. 4. The address of the publisher: The name of the publisher, 1993.
- [15] P. Lambert, “The title of the work,” The address of the publisher, technical report 2, 1993.
- [16] P. Marcheford, “The title of the work,” 1993.
- [17] M. LLC, “MS Windows NT Kernel Description.” Accessed: Sept. 30, 2010. [Online]. Available: <http://www.whateveritis.com/>
- [18] T. A. Edison, “Electric distribution system,” 266793, Oct. 31, 1882
- [19] T. Oetiker, H. Partl, I. Hyna, and E. Schlegl, “The not so short introduction to LATEX2 $\epsilon$ ”, *Electronic document available at <http://www.tex.ac.uk/tex-archive/info/lshort>*, 1995.
- [20] S. Kottwitz, *LaTeX Cookbook*. Packt Publishing Ltd, 2015.
- [21] CTAN, “BiBTeX Documentation.” [Online]. Available: <https://ctan.org/topic/bibtex-doc>
- [22] B. cheat sheet, “BiBTeX Documentation.” [Online]. Available: <https://tug.ctan.org/info/biblatex-cheatsheet/biblatex-cheatsheet.pdf>
- [23] “Typst Documentation.” [Online]. Available: <https://typst.app/docs>

- [24] “Typst Bibliography Documentation.” [Online]. Available: <https://typst.app/docs/reference/model/bibliography/>
- [25] “Typst Cite Documentation.” [Online]. Available: <https://typst.app/docs/reference/model/cite/>
- [26] “Typst LaTeX migration guide.” [Online]. Available: <https://typst.app/docs/guides/guide-for-latex-users/>
- [27] “Typst Headings Documentation.” [Online]. Available: <https://typst.app/docs/reference/model/heading/>
- [28] “Typst Equation Documentation.” [Online]. Available: <https://typst.app/docs/reference/math/equation/>
- [29] “`lr()` Function Documentation.” [Online]. Available: <https://typst.app/docs/reference/math/lr#functions-lr>
- [30] “Typst Figure Documentation.” [Online]. Available: <https://typst.app/docs/reference/model/figure/>
- [31] “Typst Table Guide.” [Online]. Available: <https://typst.app/docs/guides/table-guide/>
- [32] “Lovelace Documentation.” [Online]. Available: <https://typst.app/universe/package/lovelace>
- [33] “Algo Documentation.” [Online]. Available: <https://typst.app/universe/package/algo>
- [34] “Subpar Documentation.” [Online]. Available: <https://typst.app/universe/package/subpar>
- [35] “Smartref Documentation.” [Online]. Available: <https://typst.app/universe/package/smartaref>
- [36] “Hallon Documentation.” [Online]. Available: <https://typst.app/universe/package/hallon>
- [37] “Great theorems.” [Online]. Available: <https://typst.app/universe/package/great-theorems>
- [38] “Typst Universe.” [Online]. Available: <https://typst.app/universe>

## A Appendix A

If you need to include an appendix to support the research in your thesis, you can place it at the end of the manuscript. An appendix contains supplementary material (figures, tables, data, codes, mathematical proofs, surveys, ...) which supplement the main results contained in the previous sections.

## B Appendix B

It may be necessary to include another appendix to better organize the presentation of supplementary material.

## B Abstract in lingua italiana

Qui va l'Abstract in lingua italiana della tesi seguito dalla lista di parole chiave.

Parole chiave: qui, le parole chiave, della tesi, in italiano

## 2 Acknowledgements

Here you might want to acknowledge someone.