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| EXECUTIVE SUMMARY OF THE THESIS |
| Title |
| TESI MAGISTRALE IN XXXXXXXX ENGINEERING – INGEGNERIA XXXXX |
| **AUTHOR: NAME SURNAME** |
| **ADVISOR: NAME SURNAME** |
| **ACADEMIC YEAR: 20XX-20XX** |

# Introduction

This document is intended to be both an example of the Polimi WORD template for for the xecutive

Summary of your thesis, as well as a short introduction to its use. The Executive Summary is required only if the thesis has been assigned to a reviewer (*controrelatore*) for an independent evaluation of its overall quality, scientific/technical relevance and original contribution.

# Guidelines

The Executive Summary is a critical overview of your thesis with a focus on the main achievements that have emerged from your research.

The Executive Summary should be organized in sections/paragraphs in order to better highlight the major points of your work. The length should range from four to six pages depending on the length of the thesis manuscript. Keep the Executive Summary concise enough to be effective but long enough to allow it to be complete. It should be written after completing the thesis manuscript as a stand-alone independent document of sufficient clarity and detail to ensure that the reader can figure out the overall objectives, the methodology employed and the results/impact of your research. In writing the Executive Summary, keep in mind that it is not an abstract, it is not a preface, and it is not a random collection of highlights. With a few exceptions, do not simply cut and paste sections of the original document into a disorganized and cluttered Executive Summary. You should reorganize information to be informative as well as concise. The Executive Summary could contain a few important equations related to your work. It could also include the most relevant images and tables taken or elaborated from the thesis manuscript.

You should include in the Executive Summary the essential bibliography of your study. The number of selected references should range from three to five depending on the type of work. The Executive Summary should contain a final section reporting the main conclusions drawn from your research.

# Section and subsection

It is convenient to organize the Executive Summary of your thesis into sections and subsections. It is convenient to break the article format of your thesis into sections and subsections. If necessary, subsubsections, paragraphs and subparagraphs can be used. A new section is identified by “*Style*” and the corresponding “*Heading*”, to number use “*Multilevel list*” and “*Numbering*”.

# Equations, Figures, Tables, Algorithms

All Figures, Tables and Algorithms have to be properly referred in the text. Equations have to be numbered only if they are referred in the text.

## Equations

A few important equations related to your work might be reported in the Executive Summary. Maxwell’s equations read:

|  |  |  |
| --- | --- | --- |
|  | $$\left\{\begin{matrix}▽·D=ρ,\\▽×E+\frac{∂B}{∂t}=0,\\▽·B=0,\\▽×H-\frac{∂D}{∂t}=J.\end{matrix}\right.$$ | (1a) |
| (1b) |
| (1c) |
| (1d) |

Eqution (1) is labeled and cited by “*References-Insert Caption-Equation and Cross-reference”.*

## Figures

Insert a High-definition image and take care about “*Wrap*” and “*Anchor*” to avoid text sliding. You can also insert the image in a one-cell table with no-borders. Remember to cite the figures (Figure 1) using “*References-Insert Caption-Figure-Cross reference*”.



Figure 1: A nice picture.

## Tables

Remember to label (*References-Insert a caption-Table*) and to cite (*References-Cross reference-Table)* tables such as Table 1. Cell color HEX #8EA5B6.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **column1** | **column2** | **column3** |
| **row1** | 1 | 2 | 3 |
| **row2** | α | β | γ |
| **row3** | alpha | beta | gamma |

Table 1: Caption to be displayed in List of Tables.

## Algorithms

Pseudo-algorithms can be reported as in Algorithm 1.

|  |
| --- |
| Algorithm 1 Name of the Algorithm |
| 1: | Initial instructions |
| 2: | **for** *for – condition* **do** |
| 3: | Some instructions |
| 4: | **if** *if – condition* **then** |
| 5: | Some other instructions |
| 6: | **end if** |
| 7: | **end for** |
| 8: | **while** *while – condition* **do** |
| 9: | Some further instructions |
| 10: | **end while** |
| 11: | Final instructions |

# Some further useful things

Theorem and Propositions have to be formatted as follows:

**Theorem 4.1** *Write here your theorem.*

*Proof.* If useful you can report here the proof

How to wright prepositions:

**Proposition 4.1**. *Write here your proposition.*

How to insert itemized lists:

* first item.
* second item.

How to write numbered lists:

1. first item;
2. second item.

# Conclusions

A final section containing the main conclusions of your research/study have to be insered.

# Bibliography

The Executive Summary should contain the very essential bibliography of your study. We suggest to use *Mendeley*.

*Here is how you cite bibliography entries: [3], or multiple ones at once: [4, 6].*

The bibliography and list of references are generated automatically by running *Mendeley.*

# References

[1] D. E. Knuth. Computer programming as an art. *Commun. ACM*, pages 667-673, 1974.

[2] D. E. Knuth.Two notes on notation. *Amer Math, Monthly*, 99:403-422, 1992.

[3] L. Lamport. LaTeX: A Document Preparation System. *Pearson Education India*, 1994.

[4] URL <https://ctan.org/topic/bibtex-doc>.

[5] T. Oetiker, H. Partl, I. Hyna, and E. Schlegl. The not so short introduction to latex2. *Electronic document available at http://www. tex. ac. uk/tex-archive/info/lshort, 1995.*

# Acknowleggements

Here you might want to acknowledge someone