

# elegant-polimi-thesis documentation

This chapter is the result of the documentation generated from the source code. Since it's not strictly needed to use the template – most of the functions that are to be used are straightforward – it's quite barebones.

The intended section order is as follows:

1. frontmatter
  - a. toc
  - b. list-of-figures
  - c. list-of-tables
  - d. nomenclature
2. mainmatter
3. backmatter
4. acknowledgements
5. appendix

The acknowledgements section can be moved in frontmatter, as one prefers (or as the advisor requests).

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## polimi-thesis

Main formatting function of the template.

### Parameters

```
polimi-thesis(  
    title: str,  
    author: str,  
    advisor: str,  
    coadvisor: str,  
    tutor: str,  
    phdcycle: str,  
    academic-year: str,  
    cycle: str,  
    chair: str,  
    language: str,  
    colored-headings: bool,  
    main-logo: path,  
    body  
) -> content
```

**title** str

Title of the thesis.

Default: "Thesis Title"

**author** str

Author of the thesis.

Default: "Name Surname"

**advisor** str

Advisor of the thesis.

Default: ""

**coadvisor** str

Coadvisor of the thesis.

Default: ""

**tutor** str

Tutor of the thesis.

Default: ""

**phdcycle** str

Deprecated attribute. "Old" academic year. If empty, defaults to "2025 – 2026".

Default: ""

**academic-year** str

Academic year of the thesis. If empty, defaults to "2025".

Default: ""

**cycle** str

Cycle of the thesis.

Default: none

**chair** str

Chair of the thesis (not used).

Default: none

**language** str

Language of the thesis.

Default: "en"

**colored-headings** bool

Whether to activate the colored headings or not.

Default: true

**main-logo** path

Path of the main logo of the thesis (default: "Scuola di Ingegneria Industriale e dell'Informazione").

Default: "img/logo\_ingeieria.svg"

**frontmatter**

Frontmatter section. Similar to L<sup>A</sup>T<sub>E</sub>X's \frontmatter. It sets the page numbering to "i" and numbering: none for headings.

**Parameters**

frontmatter(body) -> content

**acknowledgements**

Acknowledgements section. It sets numbering: none for headings.

**Parameters**

acknowledgements(body) -> content

**mainmatter**

Mainmatter section. Similar to L<sup>A</sup>T<sub>E</sub>X's \mainmatter. It sets to page numbering to "1", numbering: "1.1" for headings and resets the page counter.

**Parameters**

mainmatter(body) -> content

## appendix

Appendix section. Similar to L<sup>A</sup>T<sub>E</sub>X's `\appendix`. It sets numbering: "A.1" for headings and resets their counter.

### Parameters

```
appendix(body) -> content
```

## backmatter

Backmatter section. Similar to L<sup>A</sup>T<sub>E</sub>X's `\backmatter`. It sets numbering: `none` for headings.

### Parameters

```
backmatter(body) -> content
```

## nomenclature

Displays a simple nomenclature with keys and values.

### Parameters

```
nomenclature(  
    dict: dictionary,  
    indented: bool  
) -> content
```

**dict**    `dictionary`

Dictionary that hold keys and values.

**indented**    `bool`

Whether to indent or not the nomenclature.

Default: `true`

## theorems-init

Utility function to initialize the theorem environments<sup>1</sup>:

- theorem
- proposition
- lemma
- remark

### Parameters

```
theorems-init(body) -> content
```

---

<sup>1</sup>Provided by great-theorems package.

## **subfigure**

Creates a new subfigure with the given arguments and an optional label. From `hallon` package.

### Parameters

```
subfigure(  
    ..args,  
    outlined: bool,  
    label: str,  
    body  
) -> content
```

#### **outlined**    `bool`

Whether to outline this subfigure or not.

Default: `false`

#### **label**    `str`

Unique label to reference this subfigure

Default: `none`

## **bluepoli**    `color`

Signature PoliMi colour (■), used in headings and labels.

## **toc**

Table of contents. It's custom built upon `outline()`.

## **list-of-figures**    `content`

List of figures. Similar to L<sup>A</sup>T<sub>E</sub>X's `\listoffigures`.

## **list-of-tables**    `content`

List of tables. Similar to L<sup>A</sup>T<sub>E</sub>X's `\listoftables`.

## **theorem**    `content`

Theorem block.

**proposition** content

Proposition block.

**lemma** content

Lemma block.

**remark** content

Remark block.

**proof** content

Proof block.