Ivan Valbusa

The suftesi document class

v3.2.6 – 2024/12/06

The serif typeface is Cochineal, created by Michael Sharpe on the basis of Sebastian Kosch's Crimson. The `typewriter` font is Inconsolata, designed by Raph Levien and the sans serif text is typeset in Linux Biolinum, created by Philipp H. Poll.

Legalese

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Feedback

If you have any questions, feedback or requests please email me at `ivan dot valbusa at gmail dot com`. If you need specific features not already implemented, remember to attach the example files.

User's guide to suftesi

A document class for typesetting theses, books and articles

v3.2.6 – 2024/12/06

Ivan Valbusa

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Abstract

The standard document classes allow you to typeset beautiful documents but their layout is quite far from the stylistic requests of some humanists (mainly Italian). The `suftesi` class provides a set of "humanistic" page layouts, title styles and heading styles to typeset books, articles and theses. The styles are very simple and sober and also have the aim of finding an aesthetic harmony in the formal simplicity (see Valbusa 2012). They are largely inspired by some interesting readings, particularly *The Elements of Typographic Style* by Robert Bringhurst (1992), *Ausgewählte Aufsätze über Fragen der Gestalt des Buches und der Typographie* by Jan Tschichold (1975) and *First Principles of Typography* by Stanley Morison (1936).

Contents

1 Usage **4**

2 Class features **4**
2.1 Structure 5
2.2 Layout 5
2.3 Font 8
2.4 Sectioning 13
2.5 Contents lists 15
2.6 Headers and footers 19
2.7 Notes 19
2.8 Lists and quotations 21
2.9 Pre-defined styles 22
2.10 Title page 22
2.11 Cover page 24
2.12 Frontispiece 25
2.13 Colophon 26

3 The `collection` structure **27**
3.1 Options 28
3.2 Commands 29

4 Backward compatibility **29**

5 The Code **29**
5.1 Options setting 31
5.2 Basic packages 57
5.3 Fonts 58
5.4 Sectioning 63
5.5 Contents lists 73
5.6 Customizing entries 85
5.7 Headers and footers 87
5.8 Notes and quotations . . . 89
5.9 The `collection` structure 90
5.10 Title page 93
5.11 Cover page 96
5.12 Frontispiece 98
5.13 Colophon 99
5.14 Backward compatibility . . 101
5.15 Final settings 102

References **103**

A brief history

The `suftesi` class was born as a result of the course *Introduzione a LaTeX per le scienze umane* (*Introduction to LaTeX for the Human Sciences*) which I held at the Graduate School of Human Sciences and Philosophy (**S**cienze **U**mane e **F**ilosofia) of Verona University (Italy) in June 2010. Originally thought as a class to typeset theses, through the years it has developed many new features and styles. Finally it has become the referential class of the Joint Project *Formal Style for PhD Theses with LaTeX* of the University of Verona.

Acknowledgments

I would like to thank Professors Paola Di Nicola, Director of the Graduate School of Human Sciences and Philosophy, and Ugo Savardi who suggested to propose the course precisely to that School; Gilberto D'Arduini, Matteo Lanza and Antonio Rinaldi, who installed LaTeX on the computers used during the course; Catia Cordioli, for her help in the organization of the lessons; Corrado Ferreri, responsible of the E-Learning Center, who provided the TeX Live 2009 DVDs. Special thanks to Professors Enrico Gregorio, the Italian guru of TeX, for the TeXpert support and his priceless "magic formulas", and Tommaso Gordini for his valuable advice in choosing and improving the class features during these years. I would finally thank all the participants to the course who patiently endured the four intensive lessons. This work is dedicated to them.

1 Usage

The class can be loaded as usual with:

```
\documentclass[⟨options⟩]{suftesi}
```

For using the class with the XeTeX and LuaTeX engines you need to load the `fontspec` package (`mathspec` is an alternative only for XeTeX) and to select a main font.

2 Class features

The following sections describe the options and commands made available by the class. All the options are in the ⟨*key*⟩=⟨*value*⟩ format. In addition to these you can also use the options defined by the standard `book` class (on which `suftesi` is based) except those modifying the page dimensions (`a4paper`, `a5paper`, `b5paper`, `legalpaper`, `executivepaper` and `landscape`), which are automatically disabled.

Since the possible combinations are hundreds, the simplest way to get to know the class features is to typeset one of the templates which you can find in the `/doc/latex/suftesi` folder in your LaTeX distribution (see also Valbusa 2012). The class files as well as the templates are also available online on the CTAN's website at `http://www.ctan.org/pkg/suftesi`.

The class loads the packages listed in table 1 and since version 2.9.5 relies on `appendix` package to manage the appendices (Robertson and Wilson 2020). To get the correct label in titles, headings and table of contents, you should use the `appendices` environment.

Context		Packages
	Global	appendix, caption, color, crop, enumitem, emptypage, etoolbox, fancyhdr, fixltxhyph, fontenc, fontsize, geometry, iftex, microtype, multicol, titlesec, titletoc, xkeyval, cclicenses*, footnpag**
	pdfLaTeX only	fontenc
	LuaLaTeX only	luatex85
defaultfont =	standard	lmodern
	palatino	textcomp, newpxtext, biolinum, inconsolata, newpxmath
	libertine	textcomp, libertine, biolinum, inconsolata, newtxmath, libertinust1math
	cochineal	textcomp, cochineal, biolinum, inconsolata, newtxmath
	compatibility	mathpazo, beramono
mathfont =	extended	amsthm, mathalpha

* only with FSPL styles. ** only with `fewfootnotes` option.

Table 1: Packages loaded by `suftesi`

2.1 Structure

With `suftesi` you can typeset book-style documents (with chapters), article-style documents (without chapters) and collections of papers (see section 3).

`structure` = `book` | `article` | `collection` default: book

- `book` For typesetting texts with chapters.
- `article` For typesetting articles or short theses (without chapters).
- `collection` For typesetting journals or collections of articles (see section 3).

2.2 Layout

The class provides eleven page layouts (figure 1 and table 2). The `standard` layout (default) or `standardaureo` layout are aimed to typeset A4 documents, while the other nine layouts are particularly suitable to typeset compact books, articles or theses. For these compact layouts the `version=screen` and `version=cscreen` options are particularly useful as they show the output in its real size.

`pagelayout` = `standard` | `standardaureo` | `periodical` | `periodicalaureo` | `compact` | `compactaureo` | `supercompact` | `supercompactaureo` | `pocketa` | `pocketb` | `pocketc` default: `standard`

- `standard` Prints an A4 page with a typeblock of 110 mm × 220 mm.

	Dimensions (mm)				Proportions			
	Typeblock		Page		Margins		Stock	
Layout	w	h	w	h	t / b	i / o	Typeblock	Page
`standard`	110	220	210	297	1 : 2	1 : 2	1 : 2	$1 : \sqrt{2}$
`standardaureo`	136	220	210	297	2 : 3	2 : 3	5 : 8*	$1 : \sqrt{2}$
`compact`	110	165	160	240	2 : 3	2 : 3	2 : 3	2 : 3
`compactaureo`	118	191	160	240	2 : 3	2 : 3	5 : 8*	2 : 3
`supercompact`	100	150	140	210	2 : 3	2 : 3	2 : 3	2 : 3
`supercompactaureo`	108	175	140	210	1 : 1	1 : 1	5 : 8*	2 : 3
`periodical`	110	165	170	240	2 : 3	2 : 3	2 : 3	$1 : \sqrt{2}$
`periodicalaureo`	120	194	170	240	2 : 3	2 : 3	5 : 8*	$1 : \sqrt{2}$
`pocketa`	102	153	135	208	2 : 3	1 : 1	2 : 3	2 : 3
`pocketb`	99	165	140	210	2 : 3	1 : 1	3 : 5	2 : 3
`pocketc`	90	150	116	193	2 : 3	1 : 1	3 : 5	3 : 5

*5 : 8 ≈ 1 : 1,618

Table 2: The layouts of `suftesi`

With the following values the option prints the typeblock on a an A4 paper showing the crop marks which can be controlled by the `version` option.

`periodical` Prints a page of 17 cm × 24 cm with a typeblock of 11 cm × 16.5 cm.

`periodicalaureo` The same of `periodical` but with a *golden ratio* typeblock of 120 cm × 194 mm.

`compact` Prints a page of 16 cm × 24 cm with a typeblock of 11 cm × 16.5 cm.

`compactaureo` The same as `compact` but with a *golden ratio* typeblock of 11.8 cm × 19.1 cm.

`supercompact` Prints a page of 14 cm × 21 cm with a typeblock of 10 cm × 15.5 cm.

`supercompactaureo` The same as `supercompact` but with a *golden ratio* typeblock of 10.8 cm × 17.5 cm.

`pocketa` Prints a page of 135 cm × 208 cm with a typeblock of 102 cm × 153 cm.

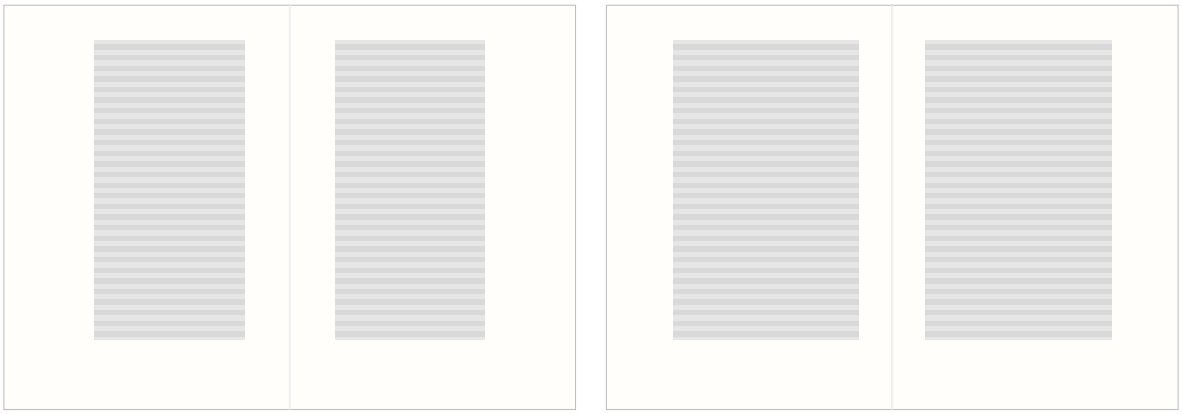
`pocketb` Prints a page of 140 cm × 210 cm with a typeblock of 99 cm × 165 cm.

`pocketc` Prints a page of 116 cm × 193 cm with a typeblock of 90 cm × 150 cm.

You can define your own layouts through the `\geometry` command of the `geometry` package (Carlisle and Umeki 2020) and you can change the value of `\baselineskip` too, possibly through `fontsize` (Valbusa 2020).

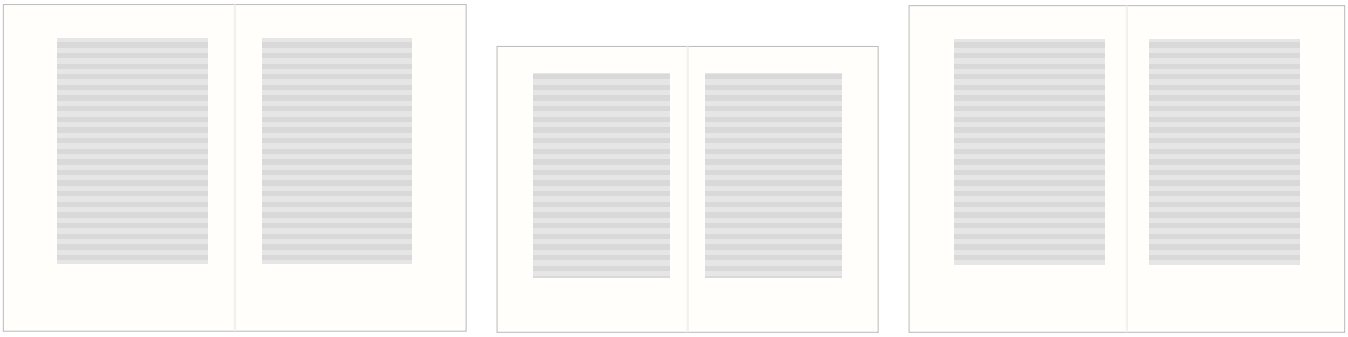
If you change the line spacing with the `\linespread` command, you need to add `\normalsize`.

```
\linespread{0.956}\normalsize
\geometry{...}
```



standard
(21 × 29.7)

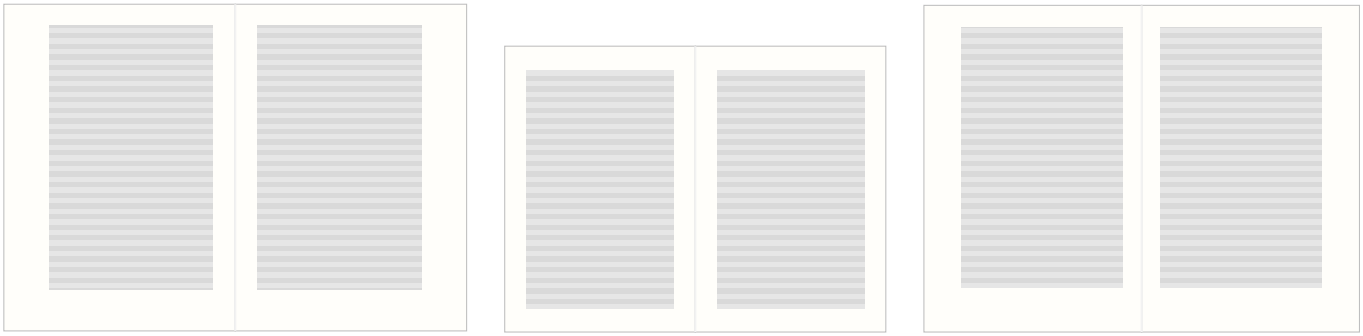
standardaureo
(21 × 29.7)



periodical
(17 × 24)

supercompact
(14 × 21)

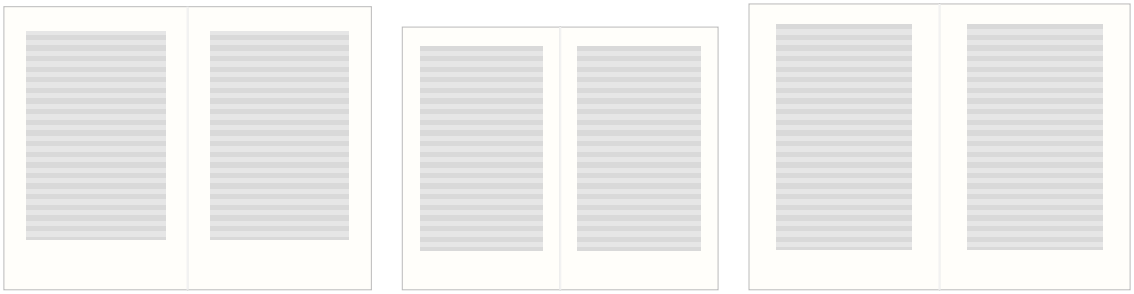
compact
(16 × 24)



periodicalaureo
(17 × 24)

supercompactaureo
(14 × 21)

compactaureo
(16 × 24)



pocketa
(13.5 × 20.8)

pocketc
(11.6 × 19.3)

pocketb
(14 × 21)

Figure 1: The eleven layouts of `suftesi`

`version = screen | cscreen | draft | final` default: `final`

The following two options are provided to have a better view when you are typesetting and reading the PDF on the screen or for online publications.

`screen` Prints the PDF with its real dimensions.

`cscreen` The same as `version=screen` but with a centered typeblock.

The following two options are meant for printed documents.

`draft` Prints the output on a A4 paper, showing the crop marks. Useless with `standard` and `standardaureo` layouts.

`final` Prints the output on a A4 paper, hiding the crop marks. Useless with `standard` and `standardaureo` layouts.

Sometimes it is not desirable to have the crop marks on every page. In such a case you can use the `\crop[off]` command after the first page of the document.

`parindent` = ⟨*dimen*⟩ default: `\baselineskip`

Sets the indentation of the first line of each paragraph except those following a section title. You can use any unit recognized by TEX (for example: `1em` | `1cm` | `17pt`, ...).

Note that some packages may set the value of `\parindent` inside the `\AtBeginDocument` hook. In these cases the `parindent` option is ineffective and if you want to change the indentation you have to call `\parindent=`⟨*dimen*⟩ after `\begin{document}`.

2.3 Font

The default roman font is Cochineal by Michael Sharpe, the sans serif font is Linux Biolinum, designed by Philipp H. Poll, and the typewriter face is Inconsolata by Raph Levien. Cochineal is a fork of Crimson, by Sebastian Kosch, a font inspired by masterpieces like Sabon (Jan Tschichold) and Minion (Robert Slimbach). It is a very complete typeface and it offers full support for Greek and Cyrillic, real small caps (even in italic shape) and four figure styles. Moreover it provides support for mathematics through the `newtxmath` package.

The `defaultfont` option allows you to can change the default roman font to New PX (Palatino-like), Linux Libertine, or Latin Modern. You can use other fonts as well, but in this case remember to load the `defaultfont=none` option which turns off the default font settings.

Today there are several Garamond-like fonts in TEX Live distribution. See, for example Garamond Libre and Cormorant Garamond. The Bembo-like fonts ETbb and fbb should also be considered if you appreciate humanist fonts. In any case, before using a font, read the license carefully.

Another beautiful Garamond-like font, complete of real small caps, bold weight and mathematical support, is made available by the `garamondx` package by Michael Sharpe, which provides an extension of the `ugm` fonts, (URW)++ GaramondNo8 (see the License note in the package documentation at the web page `https://www.ctan.org/pkg/garamondx`). They are not distributed as part of TEX Live, but they may be downloaded using the `getnonfreefonts` script. See the instructions at `http://tug.org/fonts/getnonfreefonts/`.

2.3.1 General options

`defaultfont` = `none` | `cochineal` | `libertine` | `palatino` | `standard` — default: `cochineal`

- `none` — Does not load any font (default with XeLaTeX or LuaLaTeX). Use this option if you want full control over the font selection
- `cochineal` — Loads the Cochineal serif, the Linux Biolinum sans serif and the Inconsolata typewriter.
- `libertine` — Loads the Linux Libertine serif, the Linux Biolinum sans serif and the Inconsolata typewriter.
- `palatino` — Loads the New PX serif, the Linux Biolinum sans serif and the Inconsolata typewriter. Note that the New PX font does not provide support for Greek. The `greekfont=artemisia` option offers a very good solution.
- `standard` — Loads the `lmodern` package: Latin Modern font family and CB Greek.

`fontsize` = ⟨*dimen*⟩ — default: `10` | `10pt`

Sets the main font sizes for the document, changing the `\baselineskip` accordingly. This option is based on the `fontsize` package (Valbusa 2020). The ⟨*fontsize*⟩ can be given in any unit recognized by TeX (for example: `6mm`, `1ex`, `11.5pt`). If the unit is not declared it defaults to `pt`. If you want to set a specific value for `\baselineskip` you have to use the `\changefontsize[`⟨*baselineskip*⟩`]{`⟨*fontsize*⟩`}` command.

`loadfontsize` = `true` | `false` — default: `false`

The previous option has limitations in calculating values. It will be fixed, hopefully, in future versions. This option disables it by default and gives full access to the `fontsize` package. If you have documents typeset with the previous option you can reactivate it with `loadfontsize=true`

`smallcapsstyle` = `low` | `upper` — default: `low`

Effective only with ⟨*level*⟩`font=smallcaps` and `toc`⟨*level*⟩`font=smallcaps` options (see sections 2.4 and 2.5). With XeLaTeX or LuaLaTeX this option is effective only if a font selection command (such as `\setmainfont`) is given.

- `low` — Prints lowercase spaced SMALL CAPITALS.
- `upper` — Prints spaced Small Capitals with uppercase initials.

2.3.2 Mathematical support

The class loads by default a 'minimal' mathematical support for Cochineal (default), Linux Libertine or New PX via the `newtxmath` or `newpxmath` packages by Michael Sharpe. Moreover the `mathfont` option is provided to extend or disable the support for mathematics when using these fonts. These non-standard fonts have a very good mathematical support but if you aim at typesetting high mathematics the Latin Modern font family remains, of course, the better choice: `defaultfont=standard`.

If some of the loaded packages conflict or if you simply want to change some of the default font settings you should first reset the font default with `defaultfont=none` option and then load the packages in the right order and with your favorite options.

`mathfont = none | minimal | extended` default: `minimal`

Effective only with Cochineal, Libertine and New PX fonts.

`none`	Do not load any mathematical support (default with XeLaTeX or LuaLaTeX). Use this option if you need some packages that have to be loaded before `newtxmath` and `newpxmath`.
`minimal`	Loads `newtxmath` (for Cochineal and Linux Libertine) or `newpxmath` (for PX Fonts).
`extended`	Loads the previous option plus the `amsthm` and `mathalpha` packages.

2.3.3 Greek support

The Cochineal default font is complete of Greek and Cyrillic. Anyway the class provides the `greekfont` option to select four different Greek fonts for use with the roman typeface set by the `defaultfont` option (except for the `defaultfont=standard` option, i.e. with Latin Modern font family which uses the CB Greek by default). These fonts are: GFS Bodoni, GFS Artemisia, GFS Porson (by the Greek Font Society) and CB Greek (by Claudio Beccari). You may, of course, choose a different font but in this case, as previously cleared, remember to load the `defaultfont=none` option.

`greekfont = none | artemisia | porson | bodoni | cbgreek` default: `none`

Actually useless with `defaultfont=none` and not available with `defaultfont=standard` options.

`none`	Does not load any Greek font (default with XeLaTeX or LuaLaTeX).
`artemisia`	Loads the Artemisia font by the Greek Font Society.
`porson`	Loads the Porson font by the Greek Font Society.
`bodoni`	Loads the Bodoni font by the Greek Font Society.
`cbgreek`	Loads the standard CB Greek font by Claudio Beccari.

Cochineal/Cochineal Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Cochineal/Bodoni Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι

πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Cochineal/Artemisia Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Cochineal/Porson Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. *Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός* Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Cochineal/CB Greek Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Libertine/Libertine Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Libertine/Bodoni Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Libertine/Artemisia Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Libertine/Porson Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. *Πρῶτον εἰπεῖν περὶ τί καὶ*

τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Libertine/CB Greek Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

New PX/Bodoni Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

New PX/Artemisia Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

New PX/Porson Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. *Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός* Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

New PX/CB Greek Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

Latin Modern/CB Greek Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Verecundia conditur. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστι πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed maleficium in quibusdam certum.

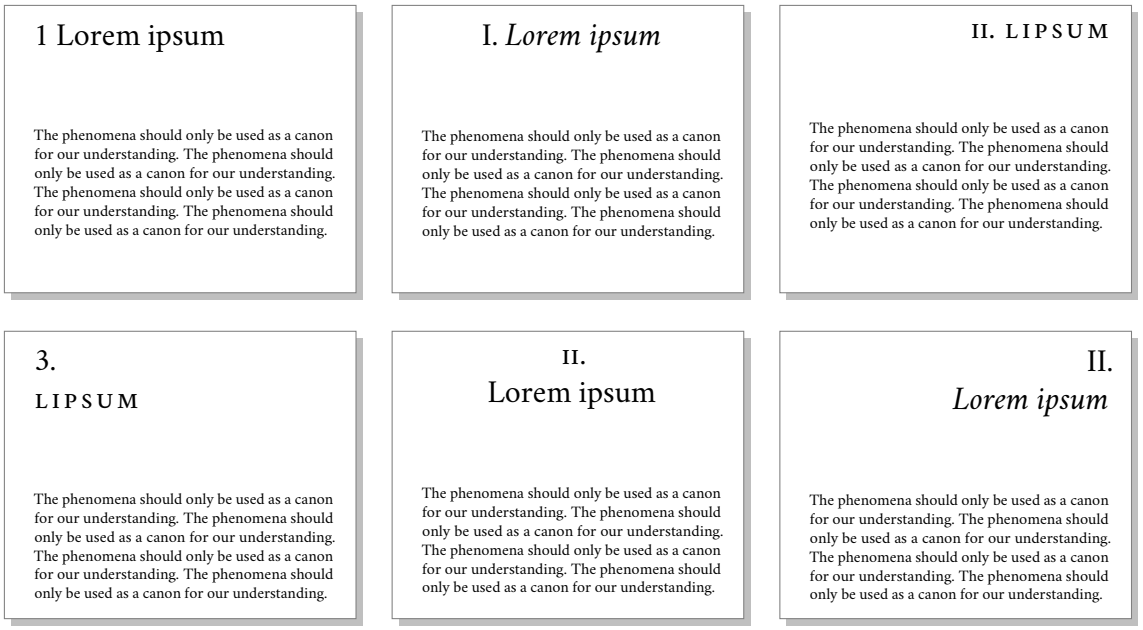


Figure 2: Six examples of section titles that can be obtained combining the class options

2.4 Sectioning

2.4.1 Options

In the following options ⟨*level*⟩ can be `part`, `chap`, `sec`, `subsec`, `subsubsec`, `par`, `subpar`. You can see some combinations of these options in figure 2.

⟨*level*⟩`font = roman | italic | smallcaps` default: `roman`

- `roman` Prints the ⟨*level*⟩ title in roman.
- `italic` Prints the ⟨*level*⟩ title in *italic*.
- `smallcaps` Prints the ⟨*level*⟩ title in SPACED SMALL CAPS

⟨*level*⟩`style = left | center | right | parleft | parcenter | parright` default: `left`

- `left` Aligns the ⟨*level*⟩ title on the left.
- `center` Centers the ⟨*level*⟩ title.
- `right` Aligns the ⟨*level*⟩ title on the right.
- `parleft` As `left` but with the title below the number.
- `parcenter` As `center` but with the title below the number.
- `parright` As `right` but with the title below the number.

⟨*level*⟩`numstyle = arabic | roman | Roman | dotarabic | dotroman | dotRoman` default: `arabic/Roman` (part)

- `arabic` Arabic ⟨*level*⟩ number.

`roman`	Small caps lowercase roman ⟨*level*⟩ number.
`Roman`	Uppercase roman ⟨*level*⟩ number.
`dotarabic`	As `arabic` but followed by a dot.
`dotroman`	As `roman` but followed by a dot.
`dotRoman`	As `Roman` but followed by a dot.

`partpage = true | false` default: `false`

Effective only with `structure=article`.

`true`	Prints the part title in a separate page as in `structure=book`
`false`	Prints a part title similar to the one used in the standard `article` class.

2.4.2 Commands

The commands in this section are experimental. They provide a fast way to customize the format of section titles and numbers. Note that in some cases you will have to manually adjust the spacing accordingly, using `\titlespacing`, `\hspace`, `\vspace`, and so on.

Below ⟨*level*⟩ can be `part`, `chap`, `sec`, `subsec`, `subsubsec`.

`\`⟨*level*⟩`font{`⟨*definition*⟩`}`

Changes the font of the ⟨*level*⟩ title.

`\`⟨*level*⟩`numfont{`⟨*definition*⟩`}`

Changes the font of the ⟨*level*⟩ number.

For example, if you used the `chapfont=smallcaps` option, you can change the size of the chapter title accordingly with:

```
\chapfont{\fontsize{13}{17}\scshape\lsstyle\expandafter\MakeLowercase}
```

Combining these commands you can get something like this (or something worse/better):

```
\documentclass[pagelayout=periodical\partnameaureo,11pt,
version=cscreen,chapstyle=parright]{suftesi}

\usepackage{xcolor,lipsum}

\chapfont{\bfseries\sffamily\scshape\LARGE}
\secfont{\sffamily\fontsize{14.5}{15.5}\selectfont}

\chapnumfont{\hskip1cm\hbox{\bfseries\fontsize{100}{100}\selectfont%
\color{gray}\arabic{chapter}}\hskip-1cm}
\secnumfont{\bfseries---\,\arabic{chapter}.\arabic{section}}

\begin{document}
```

```
\chapter{Lorem ipsum dolor sit amet, consectetuer adipiscing elit}

\section{Dolor sit amet}
\lipsum[1-2]

\section{Lorem ipsum dolor sit amet}
\subsection{Dolor sit amet}
\lipsum[1]

\end{document}
```

\breakintoc

\breakinbody

\breakinbodyleft

Manual breaks which are active in the the table of contents and in the body text respectivley. The last one replaces \breakinbody to avoid bad line alignments when the ⟨*level*⟩style=left options are used.

```
\section{This title will be break here \breakintoc inside the contents}
\section{This title will be break here \breakinbody inside the body text}
\section{This title will be break here \breakinbodyleft inside the body text}
```

\chapterintro

Prints an unnumbered introduction at the beginning of the chapter, with the correct hyperlink.

\chapterintroname{⟨*name*⟩} default: Introduzione

Changes in ⟨*name*⟩ the title printed by the \chapterintro command.

2.5 Contents lists

2.5.1 Options

tocstyle = standard | dotted | ragged | leftpage default: standard

- standard — Prints a standard table of contents with page numbers on the right.
- dotted — As the previous one but with dotted lines.
- ragged — Aligns the table of contents on the left as suggested by Bringhurst (1992).
- leftpage — Prints a table of contents with page numbers on the left margin.

compacttoc = sec | subsec | subsubsec | par | subpar default: sec

- sec — Prints the sections, subsections and sub-subsections in a single paragraph. Note that in this case the option tocstyle=dotted is uneffective as the dots are not printed for chapter entries.

subsec	Prints the subsections and sub-subsections in a single paragraph.
subsubsec	Prints the sub-subsections in a single paragraph.
par	Prints the paragraphs in a single paragraph.
subpar	Prints the subparagraphs in a single paragraph.

toc⟨*level*⟩font = roman | italic | smallcaps — default: roman

Where ⟨*level*⟩ can be part, chap, sec, subsec, subsubsec, par, subpar.

roman	Prints the ⟨*level*⟩ ToC entry in roman.
italic	Prints the ⟨*level*⟩ ToC entry in *italic*.
smallcaps	Prints the ⟨*level*⟩ ToC entry in SPACED SMALL CAPS

twocolcontents = toc | lof | lot | toclof | toclot | loflot | all — default: all

This option activates the tocstyle=ragged option and disables the other values of tocstyle.

toc	Prints the table of contents in two columns.
lof	Prints the list of figures in two columns.
lot	Prints the list of tables in two columns.
toclof	Prints the table of contents and the list of figures in two columns.
toclot	Prints the table of contents and the list of tables in two columns.
loflot	Prints the list of figures and the list of tables in two columns.
all	Prints all the contents lists in two columns.

partialtoc = true | false — default: false

true	Enable the \printpartialtoc command to get a partial ToC after the title of chapters (book structure) or sections (article structure).
false	Disables \printpartialtoc command.

2.5.2 Commands

General commands

Below ⟨*level*⟩ can be part, chap, sec, subsec, subsubsec.

\toc⟨*level*⟩font{⟨*definition*⟩}

Changes the font of the ⟨*level*⟩ title.

\toc⟨*level*⟩numfont{⟨*definition*⟩}

Changes the font of the ⟨*level*⟩ number.

Below ⟨*level*⟩ can be part, chap, sec, subsec, subsubsec, par, subpar, fig, tab.

\toclabelwidth{⟨*level*⟩}{⟨*dim*⟩}

Adds the ⟨*dim*⟩ to the ⟨*level*⟩ label in the table of contents. For example, when using chapnumstyle=Roman you would probably need to adjust the width of the chapter label with \toclabelwidth{chap}{1em}.

\tocpartname{⟨*definition*⟩} default: \partname

Changes the definition of "Part" name in ToC. For example:

```
\tocpartname{\begingroup\sffamily\Huge Part\endgroup}
```

To change the definition of \partname you have to use the commands provided by the babel package. For example, if the document is in Italian you will need something like this:

```
\addto{\captionsitalian}{%
  \renewcommand{\partname}{\begingroup\sffamily\Huge Parte\endgroup}
```

Note that in both cases the definition must be enclosed in a group to prevent it from changing what follows (i.e. the part number and the part title).

Partial ToCs

To use the command in this seciton load the partialtoc option.

\printpartialtoc

A command to print a partial ToC to be used after the \chapter and \section commands, respectively in book and article structures.

\partialtoc⟨*level*⟩font{⟨*definition*⟩}

\partialtoc⟨*level*⟩labelfont{⟨*definition*⟩}

Sets the font of the partial ToC ⟨*level*⟩ and ⟨*level*⟩'s label respectively. Where ⟨*level*⟩ can be sec, subsec, subsubsec, par, subpar.

\partialtocsize{⟨*definition*⟩}

Sets the font size of the partial ToC.

\partialtocbeforespace{⟨*dimen*⟩} default: 0pt

Sets the space before the partial ToC.

\partialtocafterpace{⟨*dimen*⟩} default: 2\baselineskip

Sets the space after the partial ToC.

\partialtocbeforecode{⟨*definition*⟩}

Arbitrary code to be executed before the partial ToC.

\partialtocaftercode{⟨*definitio*⟩}

Arbitrary code to be executed after the partial ToC.

Here is an example of the use of these commands:

```
\partialtocsize{\footnotesize}
\partialtocsecfont{\bfseries\itshape}
\partialtocsubsecfont{\itshape}
\partialtocseclabel{\bfseries}
\partialtocbeforecode{\hrule\smallskip\textbf{Contents}\smallskip}
\partialtocaftercode{\smallskip\hrule}
```

which gives this very questionable result:

Contents

1.1 ***Lorem ipsum dolor sit amet, consectetuer adipiscing elit***, 1. 1.1.1 *Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis*, 15. 1.1.1.1 Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna, 17. 1.1.1.2 Donec vehicula augue eu neque, 21. 1.1.2 *Cras viverra metus rhoncus sem*, 26. 1.1.2.1 Nulla et lectus vestibulum urna fringilla ultrices, 29. 1.1.2.2 Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas, 34. **1.2** ***Nulla et lectus vestibulum urna fringilla ultrices***, 35. 1.2.1 *Cras viverra metus rhoncus sem*, 39. 1.2.1.1 Donec vehicula augue eu neque, 40. 1.2.1.2 Phasellus eu tellus sit amet tortor gravida placerat, 45. 1.2.2 *Mauris ut leo*, 49.

For more radical changes you can of course define your own partial ToC with your favorite package or use the syntax of `titletoc` to redefine the levels to be customized:

- `partialtocsection`
- `partialtocsubsection`
- `partialtocsubsubsection`
- `partialtocparagraph`
- `partialtocsubparagraph`

For example, the following settings:

```
\titlecontents*{partialtocsection}[0cm]
  {}
  {\S\ \thecontentslabel\ \itshape}
  {}
  {, \thecontentspage.}

\titlecontents*{partialtocsubsection}[0cm]
  {}
  {\ -- \thecontentslabel\ }
  {}
  {, \thecontentspage.}
```

gives this result:

§ 1.1 *Lorem ipsum dolor sit amet, consectetuer adipiscing elit*, 1. – 1.1.1 Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis, 12. – 1.1.2 Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna, 15. – 1.1.3 Donec vehicula augue eu neque, 23. § 1.2 *Cras viverra metusrhoncus sem*, 29. – 1.2.1 Mauris ut leo, 31. – 1.2.2 Phasellus eu tellus sit amet tortor gravida placerat, 35. – 1.2.3 Donec vehicula augue eu neque, 37. § 1.3 *Nulla et lectus vestibulum urna fringilla ultrices*, 42. – 1.3.1 Cras viverra metus rhoncus sem, 54. – 1.3.2 Pellentesque habitant morbi, 56. – 1.3.3 Nonummy eget, consectetuer id, 63.

2.6 Headers and footers

`headerstyle = inner | center | plain | authortitleinner | authortitlecenter` default: `inner`

- `inner` Prints the chapter title and "Chapter ⟨*n*⟩" in the inner side of even and odd headers respectively, and the page number in the outer side.
- `center` Centers the header and footer and puts the page number in the center of the footer.
- `plain` Prints no headers and puts the page number in the center of the footer.
- `authortitleinner` Prints the author's name on the even pages and the title on the odd ones. In order to use this option the `\title` and `\author` commands are required.
- `authortitlecenter` As the previous one but with centered headers and footers.

`headerfont = roman | italic | smallcaps` default: `roman`

- `roman` Prints the headers in roman.
- `italic` Prints the headers in *italic*.
- `smallcaps` Prints the headers in SPACED SMALL CAPS.

`draftdate = true | false` default: `false`

If `true` it prints the string "Version of ⟨*date*⟩" in the footer. It requires the `\date{`⟨*date*⟩`}` command.

2.7 Notes

2.7.1 Options

`footnotestyle = bulged | hung | dotted | superscript` default: `bulged`

- `bulged` The footnote number protrudes beyond the left margin.
- `hung` Indents the footnote text, so it will hang under the first line of the text.
- `dotted` The footnote number is aligned to the left margin and followed by a dot.
- `superscript` Prints a superscript footnote number aligned to the left margin.

`fewfootnotes = true | false` default: `false`

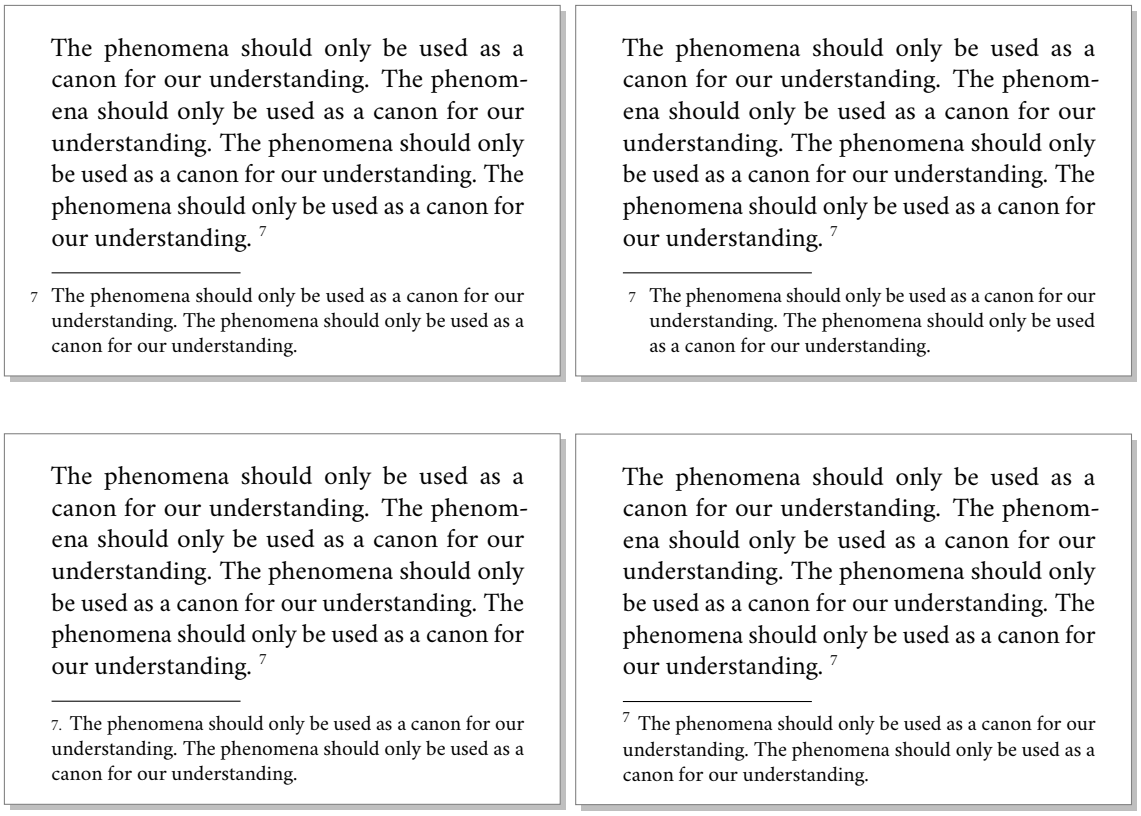


Figure 3: The four styles for the footnotes: `bulged`, `hung`, `dotted`, `superscript`

`true` Uses symbols instead of numbers to mark the footnotes. It is available only in documents with three footnotes per page maximum. The symbol sequence is: *, **, ***. Two LaTeX runs are required.

`false` Uses numbers to mark the footnotes.

`marginpar = true | false` default: `true`

`true` Prints the marginal notes set with `\marginpar`.

`false` Hide the marginal notes set with `\marginpar`.

`captionstyle = standard | sanserif | italic | smallcaps` default: `standard`

All these values print the caption in small size, changing the shape:

`standard` Prints the caption text and label in normal font.

`sanserif` Prints the caption text and label in sanserif.

`italic` Prints the caption text and label in *italic*.

`smallcaps` Prints only the caption label in SPACED SMALL CAPS.

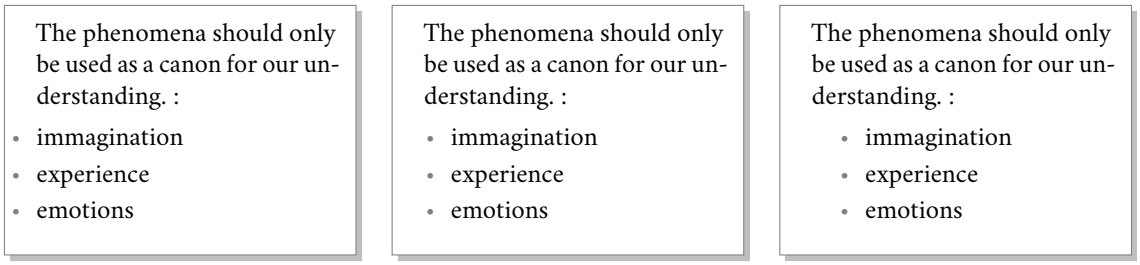


Figure 4: The three styles for the lists: `bulged`, `aligned`, `indented`

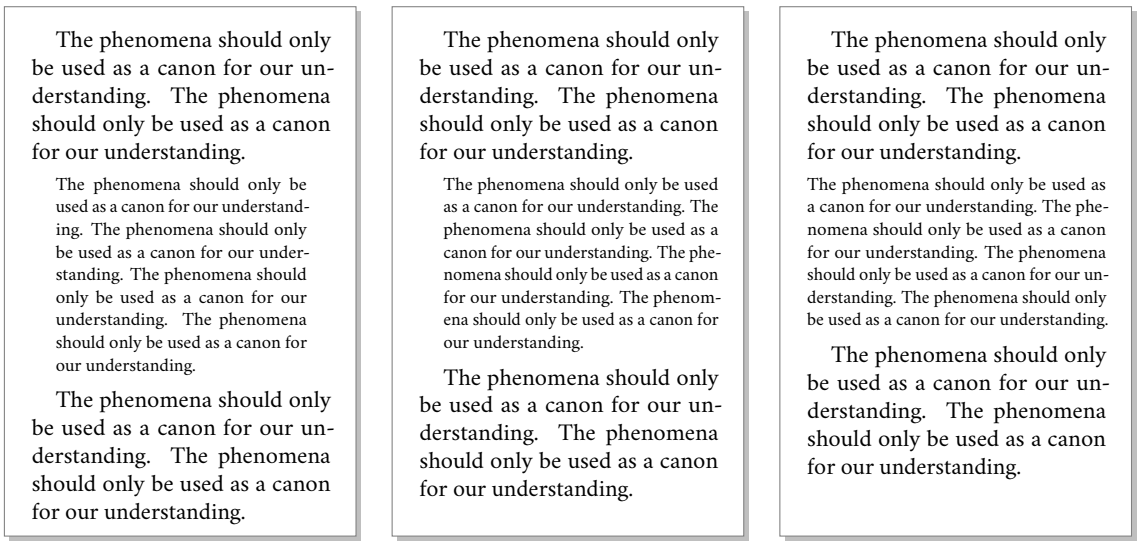


Figure 5: The three styles for the block quotations: `center`, `right`, `justify`

2.7.2 Commands

`\xfootnote[`⟨*symbol*⟩`]{`⟨*footnote text*⟩`}`

Aa command to print a footnote with a discretionary symbols given in the optional argument (default: *). It does not increment the footnote counter.

`\marginpar{`⟨*text*⟩`}`

A redefinition of the standard command that prints a marginal note in italic shape and footnote size.

2.8 Lists and quotations

`liststyle = bulged | aligned | indented` default: `bulged`

`bulged` The item number or symbol protrudes beyond the left margin.

`aligned` Aligns the lists to the left margin.

`indented` Prints standard indented lists.

`quotestyle = center | right | justify` default: `center`

`center` Indents the block quotations on both the left and right margins.

`right` Indents the block quotations only on the left margin.

`justify` Does not indents the block quotations.

`quotesize = small, ..., footnotesize, ..., scriptsize, ...` default: `footnotesize`

You can use all the sizes made available by the `fontsize` package (Valbusa 2020).

2.9 Pre-defined styles

These pre-defined styles are intended as shortcuts to some groups of class options. Combining them with `chapnumstyle` options you can get up to 120 variants.

`style = roman(1-6) | italic(1-12) | smallcaps(1-6)` default: `roman1`

`roman(1-6)` The titles of chapters and headers are printed in roman. The number of the chapter is on the same line in styles 1-3 and above the title in styles 4-6. The title can be printed on the left (styles 1 and 4), in the center (styles 2 and 5) or on the right (styles 3 and 6).

`italic(1-12)` The titles of chapters and headers are in *italic*. The section title is in *italic* in styles 1-6 and in SPACED SMALL CAPS in styles 7-12. There are three position for the title and two positions for the number as above.

`smallcaps(1-12)` The titles of chapters and headers are in SPACED SMALL CAPS. The title of sections is in *italic* in styles 1-6 and in SPACED SMALL CAPS in styles 7-12. There are three position for the title and two positions for the chapter as above.

2.10 Title page

The class provides a original and simple format for the `\maketitle` commad but you can print a standard title too (figure 6). The font used for the author's name, the title and the date can be easily customized through options and commands as well as the order of author and title can be reversed.

2.10.1 Options

`maketitlestyle = suftesi | standard` default: `suftesi`

`suftesi` The `\maketitle` command prints a `suftesi`-style author-title block.

`standard` The `\maketitle` command prints a standard author-title block.

`reverseauthortitle = true | false` default: `false`

`true` Prints the author's name above (below with `structure=collection`) the title.

`false` Prints the author's name below (below with `structure=collection`) the title.

`titlefont = roman | italic | smallcaps` default: `roman`

Figure 6: The `suftesi` (above) and `standard` (below) title style

`roman` Prints the title in roman.

`italic` Prints the title in *italic*.

`smallcaps` Prints the title in SPACED SMALL CAPS.

`authorfont = roman | italic | smallcaps` default: `roman`

`roman` Prints the author's name in roman.

`italic` Prints the author's name in *italic*.

`smallcaps` Prints the author's name in SPACED SMALL CAPS. With this option remember to protect the `\thanks` command: `\author{The Author\protect\thanks{...}}`.

`datefont = roman | italic | smallcaps` default: `roman`

`roman` Prints the date in roman.

`italic` Prints the date in *italic*.

`smallcaps` Prints the date in SPACED SMALL CAPS.

2.10.2 Commands

`\title[`⟨*short title for headers*⟩`]{`⟨*complete title for title page*⟩`}`

Redefinition of the standard command with a new optional argument for the short title to be printed in the headers. Particularly useful with the `headerstyle=authortitle` option.

`\titlefont{`⟨*definition*⟩`}`

`\authorfont{`⟨*definition*⟩`}`

`\datefont{`⟨*definition*⟩`}`

These commands change the font of title, author's name and date printed by `\maketitle`. You can combine them with the `maketitlestyle` option. For example:

```
\titlefont{\bfseries\sffamily\scshape}
\authorfont{\itshape\sffamily}
```

2.11 Cover page

Since version 2.6 `suftesi` provides a command to print a simple cover page (figure 8), inspired by the Italian designer Bruno Munari (1966, pp. 85-89). The color used for the text and the circle as well as other graphical elements are partially customizable. Anyway, to produce a complete book cover, with spine and dust jacket, you should take a look at the `bookcover` class by Tibor Tómács (2018).

`\makecover[`⟨*tikz options*⟩`]`

Prints the cover page (figure 8). This command requires `tikz` and the optional argument accepts the same options of the `\draw` command of that package (see the examples below). Commands available:

`\Cauthor{`⟨*text*⟩`}`

Printed at the top of the circle.

`\Ctitle{`⟨*text*⟩`}`

Printed below the author.

`\Csubtitle{`⟨*text*⟩`}`

Printed below the title.

`\Ceditor{`⟨*text*⟩`}`

Printed below the subtitle.

`\Cfoot{`⟨*text*⟩`}`

Printed in the footer.

The color of the circle can be customized using the optional argument of the `\makecover` command. For the other elements of the cover page the following commands are available. (You can load `xcolor` with your favorite option to access to many beautiful colors.)

`\Cpagecolor{`⟨*color*⟩`}`

The color of the cover page.

\Ctextcolor{⟨*color*⟩}

The color of the text inside the circle.

\Cfootcolor{⟨*color*⟩}

The color of the text in the footer.

You can customize the circle using the optional arguments of the \makecover command. Some of these ⟨*tikz options*⟩ require special tikz libraries. For example, you can add a shadow to the circle loading the shadows library and using the circular drop shadow otpion. The cover shown in figure 8 is obtained with the following code:

```
\documentclass{suftesi}
\usepackage[svgnames]{xcolor}
\usepackage{tikz}
  \usetikzlibrary{shadows}

\Cauthor{Bruce Lee}
\Ctitle{The Art of Kicking}
\Csubtitle{How to survive in the modern societies}
\Ceditor{edited by\\ Walker Texas Ranger}
\Cfoot{Punch Press\\ \fbox{\bfseries P\&P}}
\Cpagecolor{white!90!black}
\Ctextcolor{white}
\Cfootcolor{black}

\begin{document}
  \makecover[ball color=DarkBlue,draw=none,circular drop shadow]
\end{document}
```

2.12 Frontispiece

The class has an original frontispiece (see figure 7) now directly available loading the frontespizio package with the suftesi option. It is meant only for Italian users (see Gregorio 2009, version 1.4 or later):

```
\usepackage[suftesi]{frontespizio}
```

Note that this frontispiece requires the use of a logo which could be restricted by some institutions. So before using it you have to be sure that you have the required permissions.

The frontespizio package produces a frontispiece in the standard Computer Modern typeface. If you prefer a consistent font remember to load the needed packages or commands in the \Preambolo command:

```
\begin{frontespizio}
 \Preambolo{\usepackage[osf]{cochineal}}%  <===
```

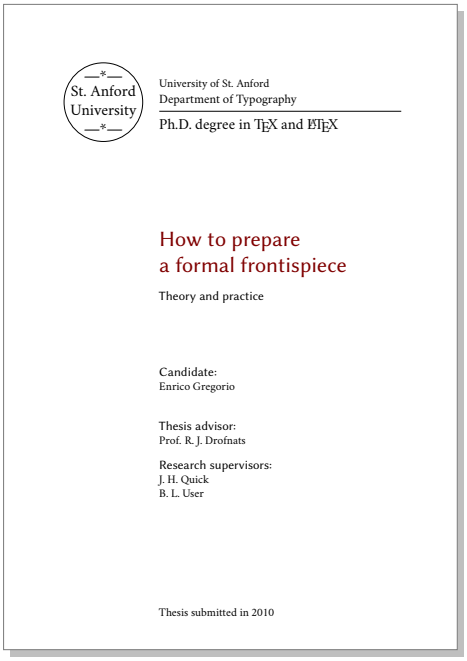


Figure 7: The frontispiece of `suftesi`

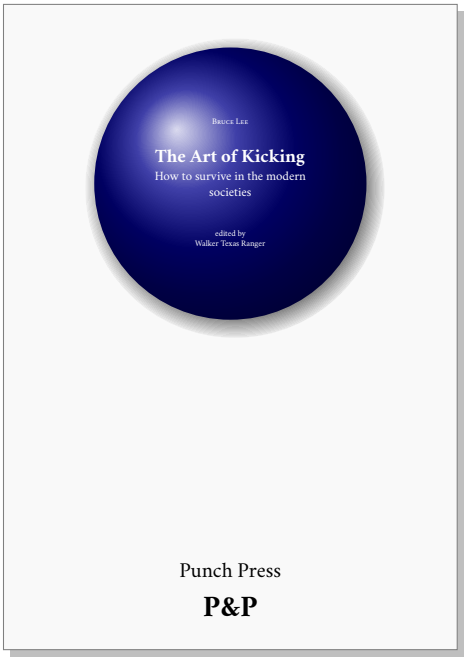


Figure 8: A cover page of `suftesi`

```
  ...
\end{frontespizio}
```

2.13 Colophon

`\colophon[`⟨*OS*⟩`]{`⟨*name and surname*⟩`}{`⟨*additional infos*⟩`}`

This command is provided only for Italian documents. It prints a page with a copyright notice and the colophon in the bottom of the page. For different languages use `\bookcolophon` instead (see below).

If you don't need the copyright notice, leave the second argument of the command empty:

```
\colophon[⟨OS⟩]{}{⟨additional infos⟩}
```

With the `article` document structure, you can use the `\artcolophon` command (see below) as well as the `\thanks` command:

```
\author{Name Surname
 \thanks{This work has been typeset with \LaTeX, using the
 \textsf{suftesi} class by Ivan Valbusa}.}
```

`\bookcolophon{`⟨*copyright notice*⟩`}{`⟨*attribution notice and other informations*⟩`}`

Similar to `\colophon` but fully customizable. The first argument prints its content (usually the copyright notice) in the center of the page. The second one prints its content at the bottom. For example:

```
\bookcolophon{%
   Copyright © 2007 by Ivan Valbusa}{%
   This work has been typeset with \LaTeX, using the \textsf{suftesi}
   class by Ivan Valbusa\index{Valbusa, Ivan}. The serif font is
   Cochineal by Michael Sharpe and the sans serif font is Linux
   Biolinum by Philipp H. Poll.}
```

\artcolophon{⟨*copyright notice, attribution and other informations*⟩}

This command only has one argument. It simply prints its content at the bottom of the page. Here is an example:

```
\artcolophon{%
   This work is licensed under the Creative Commons
   Attribution-NonCommercial-NoDerivs 3.0 Unported
   License. To view a copy of this license, visit
    \begin{center}
      http://creativecommons.org/licenses/by-nc-nd/3.0
    \end{center}
   or send a letter to Creative Commons, 444
   Castro Street, Suite 900, Mountain View,
   California, 94041, USA.\\[1ex]

   Typeset with \LaTeX, using the \textsf{suftesi}
   class by Ivan Valbusa.}
```

\finalcolophon{⟨*colophon content*⟩}

The same as `\artcolophon`, but centering its content at the top of the page. It is aimed at typesetting a classical *colophon* at the end of the work.

3 The `collection` structure

The `collection` document structure is thought to create a collection of papers. Each paper has to be typeset in a separate `.tex` file inside the `article` environment:

```
\begin{article}
\author{Author}
\title{Title of the paper}
 %   The abstract is optional.
 %   \begin{abstract}
 %     The abstract
 %   \end{abstract}
\maketitle
  Text of the paper
\end{article}
```

If the names of the papers are `article1.tex`, `article2.tex`, `article3.tex`, etc., then a minimal main file should be similar to this:

```
\documentclass[structure=collection]{suftesi}

\begin{document}
 \input{article1}
 \input{article2}
 \input{article3}
\end{document}
```

3.1 Options

In addition to the following options you can use the other options of the class too. In particular, with the `chapstyle` and `chapfont` options you can customize all the section titles which are treated as a normal unnumbered chapters in the book document structure, such as *Table of Contents*, *Index*, *Bibliography*, etc.

`authortitlealign = left | center | right` default: `left`

- `left` Aligns the author-title block on the left.
- `center` Centers the author-title block.
- `right` Aligns the author-title block on the right.

`titlefont = roman | italic | smallcaps` default: `roman`

- `roman` Prints the title of the articles in roman.
- `italic` Prints the title of the articles in *italic*.
- `smallcaps` Prints the title of the articles in SPACED SMALL CAPS.

`authorfont = roman | italic | smallcaps` default: `roman`

- `roman` Prints the author's name in roman.
- `italic` Prints the author's name in *italic*.
- `smallcaps` Prints the author's name in SPACED SMALL CAPS. With this option remember to protect the `\thanks` command: `\author{The Author\protect\thanks{...}}`.

`toctitlefont = roman | italic | smallcaps` default: `italic`

- `roman` Prints the title ToC entry in roman.
- `italic` Prints the title ToC entry in *italic*.
- `smallcaps` Prints the title ToC entry in SPACED SMALL CAPS.

`tocauthorfont = roman | italic | smallcaps` default: `roman`

- `roman` Prints the author's name ToC entry in roman.
- `italic` Prints the author's name ToC entry in *italic*.
- `smallcaps` Prints the author's name ToC entry in SPACED SMALL CAPS.

3.2 Commands

`\collectiontitlepage`

Typeset the title page of the collection.

`\collectiontitle{`⟨*The Title of the Collection*⟩`}`

Sets the title of the collection.

`\collectioneditor{`⟨*The Editor(s)*⟩`}`

Sets the editor(s) of the collection.

4 Backward compatibility

`documentstructure = book | article | collection` default: book

An alias for `structure`

`defaultfont = compatibility`

Loads the fonts of `suftesi` v2.3 (and previous): Palatino (`mathpazo`), Iwona, Bera Mono. To get the default Greek font of those versions (GFS Artemisia) add the `greekfont=artemisia` option.

`crop = true | false` default: `true`

An alias for the old options `version=draft` and `version=center` respectively.

`parindent = 1em, 1.5em`

An alias for the old options `parindent=compact` and `parindent=wide` respectively.

`style = FSPLa | FSPLb | FSPLc`

These styles are only meant to typeset a doctoral thesis respecting the features required by the Joint Project *Formal Style for PhD Theses with LaTeX* of the Verona University (Italy).

`\FSPLcolophon{`⟨*Name Surname*⟩`}`

A command is provided to typeset the colophon according to the `FSPL` styles.

5 The Code

```
\RequirePackage{xkeyval}
\newif\ifsuftesi@article
\newif\ifsuftesi@collection
\newif\ifsuftesi@lmodern
\newif\ifsuftesi@cochineal
\newif\ifsuftesi@libertine
\newif\ifsuftesi@palatino
\newif\ifsuftesi@mathpazo
\newif\ifsuftesi@nofont
\newif\ifsuftesi@greekfont
```

```
\newif\ifsuftesi@porson
\newif\ifsuftesi@artemisia
\newif\ifsuftesi@bodoni
\newif\ifsuftesi@cbgreek
\newif\ifsuftesi@mathminimal
\newif\ifsuftesi@mathextended
\newif\ifsuftesi@periodical
\newif\ifsuftesi@periodicalaureo
\newif\ifsuftesi@compact
\newif\ifsuftesi@compactaureo
\newif\ifsuftesi@supercompact
\newif\ifsuftesi@supercompactaureo
\newif\ifsuftesi@pocketa
\newif\ifsuftesi@pocketb
\newif\ifsuftesi@pocketc
\newif\ifsuftesi@screen
\newif\ifsuftesi@sufplain
\newif\ifsuftesi@screencentered
\newif\ifsuftesi@centerheader
\newif\ifsuftesi@authortitle
\newif\ifsuftesi@numparpart
\newif\ifsuftesi@numparchap
\newif\ifsuftesi@numparsec
\newif\ifsuftesi@numparsubsec
\newif\ifsuftesi@numparsubsubsec
\newif\ifsuftesi@dottedtoc
\newif\ifsuftesi@raggedtoc
\newif\ifsuftesi@pagelefttoc
\newif\ifsuftesi@twocolumntoc
\newif\ifsuftesi@twocolumnlof
\newif\ifsuftesi@twocolumnlot
\newif\ifsuftesi@ctocsec
\newif\ifsuftesi@ctocsubsec
\newif\ifsuftesi@ctocsubsubsec
\newif\ifsuftesi@ctocpar
\newif\ifsuftesi@ctocsubpar
\newif\ifsuftesi@FSPL
\newif\ifsuftesi@loadfontsize
```

The class is based on the standard book class but the following options are disabled as they contrast with the layouts provided by the class. Specifically, the first five options are actually ineffective, while the landscape option rotates the page correctly, but sets the text width according to the class options, effectively making it unusable.

```
\DeclareOption{a4paper}{%
  \ClassWarningNoLine{suftesi}{Option 'a4paper' not available}{}}
\DeclareOption{a5paper}{%
  \ClassWarningNoLine{suftesi}{Option 'a5paper' not available}{}}
\DeclareOption{b5paper}{%
  \ClassWarningNoLine{suftesi}{Option 'b5paper' not available}{}}
\DeclareOption{legalpaper}{%
  \ClassWarningNoLine{suftesi}{Option 'legalpaper' not available}{}}
```

```
\DeclareOption{executivepaper}{%
  \ClassWarningNoLine{suftesi}{Option 'executivepaper' not available}{}}
\DeclareOption{landscape}{%
  \ClassWarningNoLine{suftesi}{Option 'landscape' not available}{}}
```

Now we can load the book class and make the related options available. The `fontsize` package redefines some commands of the `.clo` files loaded by the class. In particular, it also defines the value of `\parindent`, which is why the `parindent` option must be declared after the `fontsize` call.

```
\DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
\ProcessOptions
\relax
\LoadClass{book}
\DeclareOptionX{loadfontsize}{\suftesi@loadfontsizetrue}
\DeclareOptionX{parindent}{\setlength{\parindent}{#1}}
\ExecuteOptionsX{parindent=\baselineskip}
\ProcessOptionsX*\relax
\ifsuftesi@loadfontsize
\RequirePackage{fontsize}
\else\fi
```

5.1 Options setting

5.1.1 Structure

```
\define@choicekey{}{structure}[\suftesi@val\suftesi@nr]
    {book,article,collection}[book]{%
\ifcase\suftesi@nr\relax
% \disable@keys{}{secnumstyle}
  \SUF@titlepagetrue
  \def\SUF@chapswitch{\thechapter.}
\or
  \suftesi@articletrue
  \SUF@titlepagefalse
  \def\SUF@chapswitch{}
\or
  \suftesi@collectiontrue
  \setkeys{}{headerstyle=authortitleinner}
  \def\SUF@chapswitch{}
\fi}
```

View mode

```
\define@choicekey{}{version}[\suftesi@val\suftesi@nr]
    {screen,cscreen,draft,final}[draft]{%
\ifcase\suftesi@nr\relax
  \suftesi@screentrue
\or
  \suftesi@screentrue
  \suftesi@screencenteredtrue
\or
  \relax
```

```
\or
  \AtBeginDocument{\crop[off]}
\fi}
```

Other options The `marginpar` option conflicts with the `geometry` package when it is declared without explicitly providing a value. To be fixed!

```
\define@boolkey{}[SUF@]{marginpar}[true]{}
\define@boolkey{}[SUF@]{partpage}[true]{}
\define@boolkey{}[SUF@]{draftdate}[true]{}
\define@boolkey{}[SUF@]{titlepage}[true]{}
```

5.1.2 Fonts

Roman fonts

```
\define@choicekey{}{defaultfont}[\suftesi@val\suftesi@nr]
    {none,cochineal,libertine,palatino,standard,compatibility}[cochineal]{%
\ifcase\suftesi@nr\relax
  \suftesi@nofonttrue
\or
  \suftesi@cochinealtrue
\or
  \suftesi@libertinetrue
\or
  \suftesi@palatinotrue
\or
  \suftesi@lmoderntrue
\or
  \suftesi@mathpazotrue
\fi}
\define@choicekey{}{mathfont}[\suftesi@val\suftesi@nr]
    {none,minimal,extended}[minimal]{%
\ifcase\suftesi@nr\relax
  \suftesi@mathminimalfalse
  \suftesi@mathextendedfalse
\or
  \suftesi@mathminimaltrue
\or
  \suftesi@mathextendedtrue
\fi}
```

Greek fonts

```
\define@choicekey{}{greekfont}[\suftesi@val\suftesi@nr]
    {none,artemisia,porson,bodoni,cbgreek}[none]{%
\ifcase\suftesi@nr\relax
  \suftesi@greekfontfalse
\or
  \suftesi@greekfonttrue\suftesi@artemisiatrue
\or
```

```
  \suftesi@greekfonttrue\suftesi@porsontrue
\or
  \suftesi@greekfonttrue\suftesi@bodonitrue
\or
  \suftesi@greekfonttrue\suftesi@cbgreektrue
\fi}
```

Small capitals style

```
\define@choicekey{}{smallcapsstyle}[\suftesi@val\suftesi@nr]
    {low,upper}[low]{%
\ifcase\suftesi@nr\relax
  \def\SUF@MakeLowercase{\MakeLowercase}
  \def\SUF@TOCMakeLowercase{\lowercase}
\or
  \def\SUF@MakeLowercase{\relax}
  \def\SUF@TOCMakeLowercase{\relax}
\fi}
```

5.1.3 Layouts

```
\RequirePackage{geometry}
\define@choicekey{}{pagelayout}[\suftesi@val\suftesi@nr]
    {standard,standardaureo,periodical,periodicalaureo,compact,compactaureo,
    supercompact,supercompactaureo,pocketa,pocketb,pocketc}[standard]{%
\ifcase\suftesi@nr\relax
  \DeclareRobustCommand{\SUF@partsize}{\Large}
  \DeclareRobustCommand{\SUF@chaptersize}{\Large}
  \DeclareRobustCommand{\SUF@sectionsize}{\large}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    a4paper,
    includeheadfoot=true,
    textwidth=      110mm,
    textheight=     220mm,
    marginratio=    2:3,
    marginparwidth= 30mm,
    marginparsep=   12pt}
\or
  \DeclareRobustCommand{\SUF@partsize}{\Large}
  \DeclareRobustCommand{\SUF@chaptersize}{\Large}
  \DeclareRobustCommand{\SUF@sectionsize}{\large}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    a4paper,
    includeheadfoot=true,
    textwidth=      136mm,
```

```
    textheight=     220mm,
    marginratio=    2:3,
    marginparwidth= 30mm,
    marginparsep=   12pt}
\or
\suftesi@periodicaltrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     165mm,
    textwidth=      110mm,
    paperwidth=     170mm,
    paperheight=    240mm,
    marginratio=    2:3,
    marginparwidth= 26mm,
    marginparsep=   10pt}
\or
\suftesi@periodicalaureotrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=true,
    textwidth=      120mm,
    textheight=     194mm,
    paperwidth=     17cm,
    paperheight=    24cm,
    marginratio=    2:3,
    marginparwidth= 62pt,
    marginparsep=   10pt}
\or
\suftesi@compacttrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     165mm,
    textwidth=      110mm,
    paperwidth=     160mm,
```

```
    paperheight=    240mm,
    marginratio=    2:3,
    marginparwidth= 22mm,
    marginparsep=   9pt}
\or
\suftesi@compactaureotrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     191mm,
    textwidth=      118mm,
    paperwidth=     160mm,
    paperheight=    240mm,
    marginratio=    2:3,
    marginparwidth= 19mm,
    marginparsep=   9pt}
\or
\suftesi@supercompacttrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     150mm,
    textwidth=      100mm,
    paperwidth=     140mm,
    paperheight=    210mm,
    marginratio=    2:3,
    marginparwidth= 18mm,
    marginparsep=   8pt}
\or
\suftesi@supercompactaureotrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     175mm,
    textwidth=      108mm,
    paperwidth=     140mm,
```

```
    paperheight=    210mm,
    marginratio=    1:1,
    marginparwidth= 11mm,
    marginparsep=   7pt}
\or
\suftesi@pocketatrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     153mm,
    textwidth=      102mm,
    paperwidth=     135mm,
    paperheight=    208mm,
    hmarginratio=    1:1,
    vmarginratio=    2:3,
    marginparwidth= 12mm,
    marginparsep=   7pt}
\or
\suftesi@pocketbtrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
  \geometry{
    heightrounded,
    includeheadfoot=false,
    textheight=     165mm,
    textwidth=      99mm,
    paperwidth=     140mm,
    paperheight=    210mm,
    hmarginratio=    1:1,
    vmarginratio=    2:3,
    marginparwidth= 15mm,
    marginparsep=   7pt}
\or
\suftesi@pocketctrue
  \DeclareRobustCommand{\SUF@partsize}{\large}
  \DeclareRobustCommand{\SUF@chaptersize}{\large}
  \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
  \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
    \geometry{
     heightrounded,
     includeheadfoot=false,
     textheight=     150mm,
```

```
     textwidth=      90mm,
     paperwidth=     116mm,
     paperheight=    193mm,
     hmarginratio=    1:1,
     vmarginratio=    2:3,
     marginparwidth= 8mm,
     marginparsep=   7pt}
\fi}
```

5.1.4 Sections style

```
\define@choicekey{}{partstyle}[\suftesi@val\suftesi@nr]
    {left,center,right,parleft,parcenter,parright}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@PART@align{\filright}
\or
  \def\SUF@PART@align{\filcenter}
\or
  \def\SUF@PART@align{\filleft}
\or
  \def\SUF@PART@align{\filright}
  \suftesi@numparparttrue
\or
  \def\SUF@PART@align{\filcenter}
  \suftesi@numparparttrue
\or
  \def\SUF@PART@align{\filleft}
  \suftesi@numparparttrue
\fi}
\define@choicekey{}{chapstyle}[\suftesi@val\suftesi@nr]
    {left,center,right,parleft,parcenter,parright}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@CHAP@align{\filright}
\or
  \def\SUF@CHAP@align{\filcenter}
\or
  \def\SUF@CHAP@align{\filleft}
\or
  \def\SUF@CHAP@align{\filright}
  \suftesi@numparchaptrue
\or
  \def\SUF@CHAP@align{\filcenter}
  \suftesi@numparchaptrue
\or
  \def\SUF@CHAP@align{\filleft}
  \suftesi@numparchaptrue
\fi}
\define@choicekey{}{secstyle}[\suftesi@val\suftesi@nr]
    {left,center,right,parleft,parcenter,parright}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SEC@align{\filright}
\or
```

```
  \def\SUF@SEC@align{\filcenter}
\or
  \def\SUF@SEC@align{\filleft}
\or
  \def\SUF@SEC@align{\filright}
  \suftesi@numparsectrue
\or
  \def\SUF@SEC@align{\filcenter}
  \suftesi@numparsectrue
\or
  \def\SUF@SEC@align{\filleft}
  \suftesi@numparsectrue
\fi}
\define@choicekey{}{subsecstyle}[\suftesi@val\suftesi@nr]
    {left,center,right,parleft,parcenter,parright}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SUBSEC@align{\filright}
\or
  \def\SUF@SUBSEC@align{\filcenter}
\or
  \def\SUF@SUBSEC@align{\filleft}
\or
  \def\SUF@SUBSEC@align{\filright}
\suftesi@numparsubsectrue
\or
  \def\SUF@SUBSEC@align{\filcenter}
\suftesi@numparsubsectrue
\or
  \def\SUF@SUBSEC@align{\filleft}
\suftesi@numparsubsectrue
\fi}
\define@choicekey{}{subsubsecstyle}[\suftesi@val\suftesi@nr]
    {left,center,right,parleft,parcenter,parright}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SUBSUBSEC@align{\filright}
\or
  \def\SUF@SUBSUBSEC@align{\filcenter}
\or
  \def\SUF@SUBSUBSEC@align{\filleft}
\or
  \def\SUF@SUBSUBSEC@align{\filright}
\suftesi@numparsubsubsectrue
\or
  \def\SUF@SUBSUBSEC@align{\filcenter}
\suftesi@numparsubsubsectrue
\or
  \def\SUF@SUBSUBSEC@align{\filleft}
\suftesi@numparsubsubsectrue
\fi}
```

5.1.5 Sections font

```
\define@choicekey{}{partfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@PART@font{\relax}
\or
  \def\SUF@PART@font{\itshape}
\or
  \def\SUF@PART@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{chapfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@CHAP@font{\relax}
\or
  \def\SUF@CHAP@font{\itshape}
\or
  \def\SUF@CHAP@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{secfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[italic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SEC@font{\relax}
\or
  \def\SUF@SEC@font{\itshape}
\or
  \def\SUF@SEC@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{subsecfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SUBSEC@font{\relax}
\or
  \def\SUF@SUBSEC@font{\itshape}
\or
  \def\SUF@SUBSEC@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{subsubsecfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SUBSUBSEC@font{\relax}
\or
  \def\SUF@SUBSUBSEC@font{\itshape}
\or
  \def\SUF@SUBSUBSEC@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{parfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@PAR@font{\relax}
\or
  \def\SUF@PAR@font{\itshape}
```

```
\or
  \def\SUF@PAR@font{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{subparfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@SUBPAR@font{\relax}
\or
  \def\SUF@SUBPAR@font{\itshape}
\or
  \def\SUF@SUBPAR@font{\expandafter\SUF@titlesmallcaps}
\fi}
```

5.1.6 Sections number

Part number style

```
\define@choicekey{}{partnumstyle}[\suftesi@val\suftesi@nr]
    {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@thepart{\arabic{part}}
  \def\SUF@dotpart{}
\or
  \def\SUF@thepart{\textsc{\roman{part}}}
  \def\SUF@dotpart{}
\or
  \def\SUF@thepart{\Roman{part}}
  \def\SUF@dotpart{}
\or
  \def\SUF@thepart{\arabic{part}}
  \def\SUF@dotpart{.}
\or
  \def\SUF@thepart{\textsc{\roman{part}}}
  \def\SUF@dotpart{.}
\or
  \def\SUF@thepart{\Roman{part}}
  \def\SUF@dotpart{.}
\fi}
```

Chapter number style

```
\define@choicekey{}{chapnumstyle}[\suftesi@val\suftesi@nr]
    {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@thechapter{\arabic{chapter}}
  \def\SUF@HEAD@thechapter{\arabic{chapter}}
  \def\SUF@dotchap{}
  \def\SUF@CHAP@contentslabel{\thecontentslabel}
\or
  \def\SUF@thechapter{\textsc{\roman{chapter}}}
  \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}
  \def\SUF@dotchap{}
```

```
  \def\SUF@CHAP@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thechapter{\Roman{chapter}}
  \def\SUF@HEAD@thechapter{\Roman{chapter}}
  \def\SUF@dotchap{}
  \def\SUF@CHAP@contentslabel{\@Roman{\thecontentslabel}}
\or
  \def\SUF@thechapter{\arabic{chapter}}
  \def\SUF@HEAD@thechapter{\arabic{chapter}}
  \def\SUF@dotchap{.}
  \def\SUF@CHAP@contentslabel{\thecontentslabel}
\or
  \def\SUF@thechapter{\textsc{\roman{chapter}}}
  \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}
  \def\SUF@dotchap{.}
  \def\SUF@CHAP@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thechapter{\Roman{chapter}}
  \def\SUF@HEAD@thechapter{\Roman{chapter}}
  \def\SUF@dotchap{.}
  \def\SUF@CHAP@contentslabel{\@Roman{\thecontentslabel}}
\fi}
```

Section number style

```
\define@choicekey{}{secnumstyle}[\suftesi@val\suftesi@nr]
    {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
  \def\SUF@HEAD@thesection{\arabic{section}}
  \def\SUF@dotsec{}
  \def\SUF@SEC@contentslabel{\thecontentslabel}
\or
  \def\SUF@thesection{\textsc{\SUF@chapswitch\roman{section}}}
  \def\SUF@HEAD@thesection{\textsc{\roman{section}}}
  \def\SUF@dotsec{}
  \def\SUF@SEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
  \def\SUF@HEAD@thesection{\Roman{section}}
  \def\SUF@dotsec{}
  \def\SUF@SEC@contentslabel{\@Roman{\thecontentslabel}}
\or
  \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
  \def\SUF@HEAD@thesection{\arabic{section}}
  \def\SUF@dotsec{.}
  \def\SUF@SEC@contentslabel{\thecontentslabel}
\or
  \def\SUF@thesection{\SUF@chapswitch\textsc{\roman{section}}}
  \def\SUF@HEAD@thesection{\textsc{\roman{section}}}
  \def\SUF@dotsec{.}
```

```
  \def\SUF@SEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
  \def\SUF@HEAD@thesection{\Roman{section}}
  \def\SUF@dotsec{.}
  \def\SUF@SEC@contentslabel{\@Roman{\thecontentslabel}}
\fi}
```

Subsection number style

```
\define@choicekey{}{subsecnumstyle}[\suftesi@val\suftesi@nr]
    {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
  \def\SUF@dotsubsec{}
  \def\SUF@SUBSEC@contentslabel{\thecontentslabel}
\or
  \def\SUF@thesubsection{\SUF@thesection.\textsc{\roman{subsection}}}
  \def\SUF@dotsubsec{}
  \def\SUF@SUBSEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
  \def\SUF@dotsubsec{}
  \def\SUF@SUBSEC@contentslabel{\@Roman{\thecontentslabel}}
\or
  \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
  \def\SUF@dotsubsec{.}
  \def\SUF@SUBSEC@contentslabel{\thecontentslabel}
\or
  \def\SUF@thesubsection{\SUF@thesection.\textsc{\roman{subsection}}}
  \def\SUF@dotsubsec{.}
  \def\SUF@SUBSEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
  \def\SUF@dotsubsec{.}
  \def\SUF@SUBSEC@contentslabel{\@Roman{\thecontentslabel}}
\fi}
```

Sub-subsection number style

```
\define@choicekey{}{subsubsecnumstyle}[\suftesi@val\suftesi@nr]
    {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
  \def\SUF@dotsubsubsec{}
  \def\SUF@SUBSUBSEC@contentslabel{\thecontentslabel}
\or
 \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{\roman{subsubsection}}}
  \def\SUF@dotsubsubsec{}
  \def\SUF@SUBSUBSEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
```

```
  \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
  \def\SUF@dotsubsubsec{}
  \def\SUF@SUBSUBSEC@contentslabel{\@Roman{\thecontentslabel}}
\or
  \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
  \def\SUF@dotsubsubsec{.}
  \def\SUF@SUBSUBSEC@contentslabel{\thecontentslabel}
\or
 \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{\roman{subsubsection}}}
  \def\SUF@dotsubsubsec{.}
  \def\SUF@SUBSUBSEC@contentslabel{\textsc{\@roman{\thecontentslabel}}}
\or
  \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
  \def\SUF@dotsubsubsec{.}
  \def\SUF@SUBSUBSEC@contentslabel{\@Roman{\thecontentslabel}}
\fi}
```

5.1.7 Table of contents

Table of contents style

```
\define@choicekey{}{tocstyle}[\suftesi@val\suftesi@nr]
    {standard,dotted,ragged,leftpage}[standard]{%
\ifcase\suftesi@nr\relax
  \def\SUF@titlerule{\titlerule*{}}
  \def\SUF@chaptitlerule{\titlerule*{}}
\or
\suftesi@dottedtoctrue
  \def\SUF@titlerule{\titlerule*{\footnotesize .\ }}
  \def\SUF@chaptitlerule{\titlerule*{}}
\or
\suftesi@raggedtoctrue
  \def\SUF@titlerule{\hspace{1em}}
  \def\SUF@chaptitlerule{\hspace{1em}}
\or
\suftesi@pagelefttoctrue
\fi}
\define@choicekey{}{compacttoc}[\suftesi@val\suftesi@nr]
    {sec,subsec,subsubsec,par,subpar}[sec]{%
\ifcase\suftesi@nr\relax
  \suftesi@ctocsectrue
  \suftesi@ctocsubsectrue
  \suftesi@ctocsubsubsectrue
  \suftesi@ctocpartrue
  \suftesi@ctocsubpartrue
  \def\SUF@sscorrect{\hskip.5em}
  \def\SUF@ssscorrect{\hskip.5em}
  \def\SUF@pcorrect{\hskip.5em}
  \def\SUF@pcorrect{\hskip.5em}
\or
  \suftesi@ctocsubsectrue
  \suftesi@ctocsubsubsectrue
```

```
  \suftesi@ctocpartrue
  \suftesi@ctocsubpartrue
  \def\SUF@sscorrect{\relax}
  \def\SUF@sssscorrect{\hskip.5em}
  \def\SUF@pcorrect{\hskip.5em}
  \def\SUF@pcorrect{\hskip.5em}
\or
  \suftesi@ctocsubsubsectrue
  \suftesi@ctocpartrue
  \suftesi@ctocsubpartrue
  \def\SUF@sscorrect{\relax}
  \def\SUF@sssscorrect{\relax}
  \def\SUF@pcorrect{\hskip.5em}
  \def\SUF@pcorrect{\hskip.5em}
\or
  \suftesi@ctocpartrue
  \suftesi@ctocsubpartrue
  \def\SUF@sscorrect{\relax}
  \def\SUF@sssscorrect{\relax}
  \def\SUF@pcorrect{\relax}
  \def\SUF@pcorrect{\hskip.5em}
\or
  \suftesi@ctocsubpartrue
  \def\SUF@sscorrect{\relax}
  \def\SUF@sssscorrect{\relax}
  \def\SUF@pcorrect{\relax}
  \def\SUF@pcorrect{\relax}
\fi}
\define@choicekey{}{twocolcontents}[\suftesi@val\suftesi@nr]
    {toc,lof,lot,toclof,toclot,loflot,all}[all]{%
\ifcase\suftesi@nr\relax
  \suftesi@twocolumntoctrue
  \setkeys{}{tocstyle=ragged}
\or
  \suftesi@twocolumnloftrue
  \setkeys{}{tocstyle=ragged}
\or
  \suftesi@twocolumnlottrue
  \setkeys{}{tocstyle=ragged}
\or
  \suftesi@twocolumntoctrue
  \suftesi@twocolumnloftrue
  \setkeys{}{tocstyle=ragged}
\or
  \suftesi@twocolumntoctrue
  \suftesi@twocolumnlottrue
  \setkeys{}{tocstyle=ragged}
\or
  \suftesi@twocolumnloftrue
  \suftesi@twocolumnlottrue
  \setkeys{}{tocstyle=ragged}
```

```
\or
  \suftesi@twocolumntoctrue
  \suftesi@twocolumnloftrue
  \suftesi@twocolumnlottrue
  \setkeys{}{tocstyle=ragged}
\fi}
\define@boolkey{}[SUF@]{partialtoc}[true]{}
```

Table of contents font

```
\define@choicekey{}{tocpartfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocPART@font{\relax}
\or
  \def\SUF@tocPART@font{\itshape}
\or
  \def\SUF@tocPART@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocchapfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocCHAP@font{\relax}
\or
  \def\SUF@tocCHAP@font{\itshape}
\or
  \def\SUF@tocCHAP@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocsecfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[italic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocSEC@font{\relax}
\or
  \def\SUF@tocSEC@font{\itshape}
\or
  \def\SUF@tocSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocsubsecfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocSUBSEC@font{\relax}
\or
  \def\SUF@tocSUBSEC@font{\itshape}
\or
  \def\SUF@tocSUBSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocsubsubsecfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocSUBSUBSEC@font{\relax}
\or
```

```
  \def\SUF@tocSUBSUBSEC@font{\itshape}
\or
  \def\SUF@tocSUBSUBSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocparfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocPAR@font{\relax}
\or
  \def\SUF@tocPAR@font{\itshape}
\or
  \def\SUF@tocPAR@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocsubparfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocSUBPAR@font{\relax}
\or
  \def\SUF@tocSUBPAR@font{\itshape}
\or
  \def\SUF@tocSUBPAR@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
```

5.1.8 Headers

Header style

```
\define@choicekey{}{headerstyle}[\suftesi@val\suftesi@nr]
    {inner,center,plain,authortitleinner,authortitlecenter}[inner]{%
\ifcase\suftesi@nr\relax
  \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
  \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
\or
  \suftesi@centerheadertrue
  \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
  \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
\or
  \suftesi@sufplaintrue
\or
  \suftesi@authortitletrue
  \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
  \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
\or
  \suftesi@authortitletrue
  \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
  \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
  \suftesi@centerheadertrue
\fi}
```

Header font

```
\define@choicekey{}{headerfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@Rheadstyle{}
  \def\SUF@Lheadstyle{}
  \def\SUF@thepage{\thepage}
\or
  \def\SUF@Rheadstyle{\itshape}
  \def\SUF@Lheadstyle{\itshape}
  \def\SUF@thepage{\thepage}
\or
  \def\SUF@Rheadstyle{\SUF@headersmallcaps}
  \def\SUF@Lheadstyle{\SUF@headersmallcaps}
  \def\SUF@thepage{\SUF@headersmallcaps{\thepage}}
\fi}
```

5.1.9 Text elements

Lists

```
\RequirePackage[inline]{enumitem}
  \setlist[itemize,1]{label=\color{sufgray}\textbullet}
  \setlist{itemsep=.5ex,parsep=0pt,listparindent=\parindent}
  \setlist[description]{font=\normalfont\itshape}
\define@choicekey{}{liststyle}[\suftesi@val\suftesi@nr]
    {bulged,aligned,indented}[bulged]{%
\ifcase\suftesi@nr\relax
  \setlist[enumerate,1]{leftmargin=0pt,label=\arabic*.}
  \setlist[enumerate,2]{leftmargin= 1.3\parindent,label=\alph*.}
  \setlist[enumerate,3]{leftmargin= 1.3\parindent,label=\roman*.}
  \setlist[itemize,1]{leftmargin=0pt}
  \setlist[itemize,2]{leftmargin=1.3\parindent}
  \setlist[itemize,3]{leftmargin=1.3\parindent}
\or
  \setlist[enumerate,1]{leftmargin=1\parindent,label=\arabic*.}
  \setlist[enumerate,2]{leftmargin= 1.5\parindent,label=\alph*.}
  \setlist[enumerate,3]{leftmargin= 1.5\parindent,label=\roman*.}
  \setlist[itemize,1]{leftmargin=1\parindent}
  \setlist[itemize,2]{leftmargin=1.5\parindent}
  \setlist[itemize,3]{leftmargin=1.5\parindent}
\or
  \setlist[enumerate,1]{leftmargin=2\parindent,label=\arabic*.}
  \setlist[enumerate,2]{leftmargin= 2.5\parindent,label=\alph*.}
  \setlist[enumerate,3]{leftmargin= 2.5\parindent,label=\roman*.}
  \setlist[itemize,1]{leftmargin=2\parindent}
  \setlist[itemize,2]{leftmargin=2.5\parindent}
  \setlist[itemize,3]{leftmargin=2.5\parindent}
\fi}
```

Quotations

```
\define@choicekey{}{quotestyle}[\suftesi@val\suftesi@nr]
    {center,right,justify}[center]{%
\ifcase\suftesi@nr\relax
  \def\SUF@quote@style{\leftmargin=\parindent \rightmargin=\parindent}
\or
  \def\SUF@quote@style{\leftmargin=\parindent}
\or
  \def\SUF@quote@style{\leftmargin=0pt}
\fi}
\define@key{}{quotesize}[footnotesize]{
  \def\SUF@quotation@size{\csname #1\endcsname}}
```

Footnotes

```
\define@choicekey{}{footnotestyle}[\suftesi@val\suftesi@nr]
    {bulged,hung,dotted,superscript}[bulged]{%
\ifcase\suftesi@nr\relax
  \renewcommand\@makefntext{%
    \hskip-2.5em\makebox[2em][r]{\@thefnmark}\hskip.5em}
\or
  \renewcommand\@makefntext{%
    \leftskip=1em\hskip-1.5em%
      \makebox[1em][r]{\@thefnmark}\hskip.5em}
\or
  \renewcommand\@makefntext{%
    \@thefnmark.\hskip.5em}
\or
  \renewcommand\@makefntext{%
    \textsuperscript{\@thefnmark}\hskip.3em}
\fi}
\define@boolkey{}[SUF@]{fewfootnotes}[true]{}
```

Captions

```
\RequirePackage{caption}
\captionsetup{labelsep=period,font=small,textformat=period}
\define@choicekey{}{captionstyle}[\suftesi@val\suftesi@nr]
    {standard,sanserif,italic,smallcaps}[standard]{%
\ifcase\suftesi@nr\relax
\or
  \captionsetup{font+=sf}
\or
  \captionsetup{font+=it}
\or
  \captionsetup{labelfont=sc}
\fi}
```

Pre-defined styles

```
\define@choicekey{}{style}[\suftesi@val\suftesi@nr]
  {roman1,roman2,roman3,roman4,roman5,roman6,
```

```
  italic1,italic2,italic3,italic4,italic5,italic6,
  italic7,italic8,italic9,italic10,italic11,italic12,
  smallcaps1,smallcaps2,smallcaps3,smallcaps4,smallcaps5,smallcaps6,
  smallcaps7,smallcaps8,smallcaps9,smallcaps10,smallcaps11,smallcaps12,
  FSPLa,FSPLb,FSPLc}
  [roman1]{%
\ifcase\suftesi@nr\relax
```

The 'roman' styles

```
  \setkeys{}{chapstyle=left}
\or
  \setkeys{}{chapstyle=center}
\or
  \setkeys{}{chapstyle=right}
\or
  \setkeys{}{chapstyle=parleft}
\or
  \setkeys{}{chapstyle=parcenter}
\or
  \setkeys{}{chapstyle=parright}
\or
```

The 'italic' styles

```
  \setkeys{}{
   chapstyle=left,
   chapfont=italic,
   tocchapfont=italic,
   headerfont=italic}
\or
  \setkeys{}{
   chapstyle=center,
   chapfont=italic,
   tocchapfont=italic,
   headerfont=italic}
\or
  \setkeys{}{
   chapstyle=right,
   chapfont=italic,
   tocchapfont=italic,
   headerfont=italic}
\or
  \setkeys{}{
   chapstyle=parleft,
   chapfont=italic,
   tocchapfont=italic,
   headerfont=italic}
\or
  \setkeys{}{
   chapstyle=parcenter,
```

```
    chapfont=italic,
    tocchapfont=italic,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=parright,
    chapfont=italic,
    tocchapfont=italic,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=left,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=center,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=right,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=parleft,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=parcenter,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
\or
  \setkeys{}{
    chapstyle=parright,
    chapfont=italic,
    tocchapfont=italic,
    secfont=smallcaps,
    headerfont=italic}
```

```
\or
```

The ‘smallcaps’ styles

```
  \setkeys{}{
  chapstyle=left,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=center,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=right,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parleft,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parcenter,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parright,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=left,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  secfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=center,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
```

```
  secfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=right,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  secfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parleft,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  secfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parcenter,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  secfont=smallcaps,
  headerfont=smallcaps}
\or
  \setkeys{}{
  chapstyle=parright,
  chapfont=smallcaps,
  tocchapfont=smallcaps,
  secfont=smallcaps,
  headerfont=smallcaps}
\or
```

The FSPL styles

```
\suftesi@periodicalaureotrue
\suftesi@FSPLtrue
  \setkeys{}{%
  pagelayout=periodicalaureo,
  style=roman5,
  chapnumstyle=roman,
  headerstyle=inner,
  footnotestyle=hung,
  liststyle=indented,
  tocstyle=leftpage}
\disable@keys{}
    {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
    subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
    subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
    secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
    quotesize,footnotestyle,liststyle,captionstyle}
\or
```

```
\suftesi@periodicalaureotrue
\suftesi@FSPLtrue
  \setkeys{}{%
  pagelayout=periodicalaureo,
  style=italic5,
  chapnumstyle=roman,
  headerstyle=inner,
  headerfont=italic,
  footnotestyle=hung,
  liststyle=indented,
  tocstyle=leftpage}
\disable@keys{}
    {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
    subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
    subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
    secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
    quotesize,footnotestyle,liststyle,captionstyle}
\or
\suftesi@periodicalaureotrue
\suftesi@FSPLtrue
  \setkeys{}{%
  pagelayout=periodicalaureo,
  style=smallcaps5,
  chapnumstyle=roman,
  headerstyle=inner,
  headerfont=smallcaps,
  secfont=smallcaps,
  footnotestyle=hung,
  liststyle=indented,
  tocstyle=leftpage}
\disable@keys{}
    {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
    subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
    subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
    secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
    quotesize,footnotestyle,liststyle,captionstyle}
\fi}
```

Options for the collection document structure

```
\define@choicekey{}{authortitlealign}[\suftesi@val\suftesi@nr]
    {left,center,right}[left]{%
\ifcase\suftesi@nr\relax
  \def\SUF@authortitle@align{\filright}
\or
  \def\SUF@authortitle@align{\filcenter}
\or
  \def\SUF@authortitle@align{\filleft}
\fi}
\define@choicekey{}{reverseauthortitle}[\suftesi@val\suftesi@nr]
    {true,false}[true]{%
```

```
\ifcase\suftesi@nr\relax
  \def\SUF@first{\SUF@authorstyle\SUF@authorfont\@author}
  \def\SUF@second{\SUF@titlestyle\SUF@titlefont\@title}
\or
  \def\SUF@first{\SUF@titlestyle\SUF@titlefont\@title}
  \def\SUF@second{\SUF@authorstyle\SUF@authorfont\@author}
  \relax
\fi}
\define@choicekey{}{maketitlestyle}[\suftesi@val\suftesi@nr]
    {suftesi,standard}[suftesi]{%
\ifcase\suftesi@nr\relax
  \def\SUF@titlestyle{\SUF@chaptersize\color{sufred}\sffamily}
  \def\SUF@authorstyle{\small}
  \def\SUF@datefont{\small}
\or
  \def\SUF@titlestyle{\LARGE}
  \def\SUF@authorstyle{\large}
  \def\SUF@datefont{\small}
\fi}
\define@choicekey{}{titlefont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[suftesi]{%
\ifcase\suftesi@nr\relax
  \def\SUF@titlefont{\relax}
\or
  \def\SUF@titlefont{\itshape}
\or
  \def\SUF@titlefont{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{authorfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[suftesi]{%
\ifcase\suftesi@nr\relax
  \def\SUF@authorfont{\relax}
\or
  \def\SUF@authorfont{\itshape}
\or
  \def\SUF@authorfont{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{datefont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@datefont{\relax}
\or
  \def\SUF@datefont{\itshape}
\or
  \def\SUF@datefont{\expandafter\SUF@titlesmallcaps}
\fi}
\define@choicekey{}{toctitlefont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[italic]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocTIT@font{\relax}
\or
```

```
  \def\SUF@tocTIT@font{\itshape}
\or
  \def\SUF@tocTIT@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
\define@choicekey{}{tocauthorfont}[\suftesi@val\suftesi@nr]
    {roman,italic,smallcaps}[roman]{%
\ifcase\suftesi@nr\relax
  \def\SUF@tocAUT@font{\relax}
\or
  \def\SUF@tocAUT@font{\itshape}
\or
  \def\SUF@tocAUT@font{\expandafter\SUF@TOCtitlesmallcaps}
\fi}
```

5.1.10 Deprecated options

```
\define@choicekey{}{documentstructure}[\suftesi@val\suftesi@nr]
    {book,article,collection}[book]{%
\ClassWarningNoLine{suftesi}{%
  'documentstructure' option is deprecated.\MessageBreak
  Use 'structure' option instead}
\ifcase\suftesi@nr\relax
  \setkeys{}{structure=book}
\or
  \setkeys{}{structure=article}
\or
  \setkeys{}{structure=collection}
\fi}
\define@choicekey{}{crop}[\suftesi@val\suftesi@nr]
    {true,false}[true]{%
  \ClassWarningNoLine{suftesi}{%
    'crop' option is deprecated.\MessageBreak
    Use 'version' option instead}
\ifcase\suftesi@nr\relax
  \setkeys{}{version=draft}
\or
  \setkeys{}{version=screen}
\fi}
\define@choicekey{}{papertitlestyle}[\suftesi@val\suftesi@nr]
    {left,center,right}[left]{%
\ClassWarningNoLine{suftesi}{%
  'papertitlestyle' option is deprecated.\MessageBreak
  Use 'authortitlealign' option instead}
\ifcase\suftesi@nr\relax
  \def\SUF@authortitle@align{\filright}
\or
  \def\SUF@authortitle@align{\filcenter}
\or
  \def\SUF@authortitle@align{\filleft}
\fi}
\define@choicekey{}{revauthortitle}[\suftesi@val\suftesi@nr]
```

```
    {true,false}[true]{%
\ClassWarningNoLine{suftesi}{%
  'revauthortitle' option is deprecated.\MessageBreak
  Use 'reverseauthortitle' option instead}
\ifcase\suftesi@nr\relax
  \def\SUF@first{\SUF@authorstyle\SUF@authorfont\@author}
  \def\SUF@second{\SUF@titlestyle\SUF@titlefont\@title}
\or
  \def\SUF@first{\SUF@titlestyle\SUF@titlefont\@title}
  \def\SUF@second{\SUF@authorstyle\SUF@authorfont\@author}
  \relax
\fi}
```

5.1.11 Options processing

```
\ExecuteOptionsX<>{
  structure=book,
  pagelayout=standard,
  headerstyle=inner,
  headerfont=roman,
  defaultfont=cochineal,
  greekfont=none,
  mathfont=minimal,
  smallcapsstyle=low,
  liststyle=bulged,
  footnotestyle=bulged,
  quotesize=footnotesize,
  quotestyle=center,
  captionstyle=standard,
  marginpar=true,
  tocstyle=standard,
  partstyle=left,
  chapstyle=left,
  secstyle=left,
  subsecstyle=left,
  subsubsecstyle=left,
  partnumstyle=Roman,
  chapnumstyle=arabic,
  secnumstyle=arabic,
  subsecnumstyle=arabic,
  subsubsecnumstyle=arabic,
  partfont=roman,
  chapfont=roman,
  secfont=italic,
  subsecfont=roman,
  subsubsecfont=roman,
  parfont=italic,
  subparfont=roman,
  tocpartfont=roman,
  tocchapfont=roman,
  tocsecfont=roman,
  tocsubsecfont=roman,
```

```
  tocsubsubsecfont=roman,
  tocparfont=roman,
  tocsubparfont=roman,
  maketitlestyle=suftesi,
  titlefont=roman,
  authorfont=roman,
  datefont=roman,
  toctitlefont=italic,
  tocauthorfont=roman,
  reverseauthortitle=false,
  authortitlealign=left}
```

A trick to delete the class options from `\XKV@classoptionslist`, in order to avoid incompatibility with packages using options defined by `suftesi` too. Thanks to Enrico Gregorio! (In previous versions this command was placed after the option processing. Move it back if needed.)

```
\def\XKV@classoptionslist{}
\ProcessOptionsX<>\relax
```

5.2 Basic packages

```
\RequirePackage{multicol}
\RequirePackage{emptypage}
\RequirePackage{microtype}
\RequirePackage{color}
\AtBeginDocument{
  \definecolor{sufred}{rgb}{0.5,0,0}
  \definecolor{sufgray}{rgb}{0.5,0.5,0.5}
}
\RequirePackage{iftex}
\ifLuaTeX
  \RequirePackage{luatex85}
\fi
```

The `etoolbox` package is required to use `\AtEndPreamble` (see 62).

```
\RequirePackage{etoolbox}
```

The FSPL style requires a verbose colophon which uses specific icons:

```
\ifsuftesi@FSPL
  \RequirePackage{cclicenses}
\fi
```

If `version=screen` or `version=cscreen` the `crop` package is not loaded. This can create problems if the `\crop` command has been used in the document, for example to remove the crop marks from a certain page onwards (with `\crop[off]`). For this reason, the `\crop` command is defined (in practice it is rendered ineffective) so as not to produce errors if it had been used within the document.

```
\ifsuftesi@screen
  \newcommand*\crop[1][]{}
```

```
    \ifsuftesi@screencentered
      \geometry{hmarginratio=1:1}
    \fi
  \else
 \RequirePackage[a4,cam,center]{crop}
\fi
```

5.3 Fonts

If you use XeLaTeX or LuaLaTeX no default font is loaded. Anyway the `fontspec` package is required because some commands of the class are base on it. If `fontspec` is not loaded, a class error will be issued.

```
\unless\ifPDFTeX
\AtBeginDocument{%
\@ifpackageloaded{fontspec}
  {\relax}
  {\ClassError{suftesi}
    {**********************************\MessageBreak
    * For using suftesi with XeLaTeX\MessageBreak
    * load either 'fontspec' or 'mathspec'\MessageBreak
    * For using suftesi with LuaLaTeX\MessageBreak
    * load 'fontspec' \MessageBreak
    **********************************}
    {**********************************\MessageBreak
    * For using suftesi with XeLaTeX\MessageBreak
    * load either 'fontspec' or 'mathspec'\MessageBreak
    * For using suftesi with LuaLaTeX\MessageBreak
    * load 'fontspec' \MessageBreak
    **********************************}}}
\else
\RequirePackage[LGR,T1]{fontenc}
\AtBeginDocument{\fontencoding{T1}\selectfont}
```

Now we load the macros for the `defaultfont` option. The greek fonts by the Greek Font Society are available only with `palatino`, `libertine` and `cochineal` options. A warning appears if the `cbgreek` option is unused.

```
\ifsuftesi@nofont
\ifsuftesi@greekfont
  \ClassWarningNoLine{suftesi}{%
    Unused 'greekfont' option}%
    \suftesi@greekfontfalse
      \else\suftesi@greekfontfalse\fi
\else
\ifsuftesi@lmodern
  \RequirePackage{lmodern}
    \ifsuftesi@greekfont
     \ClassWarningNoLine{suftesi}{%
       Unused 'greekfont' option}%
       \suftesi@greekfontfalse
         \else\suftesi@greekfontfalse\fi
```

```
\else
```

Previous versions of the class were based on Palatino (mathpazo), Iwona and Bera Mono. Now this combination is provided only for backward compatibility.

```
  \ifsuftesi@mathpazo
    \RequirePackage[osf,sc]{mathpazo}
    \RequirePackage[scaled=0.8]{beramono}
    \renewcommand{\sfdefault}{iwona}
    \ifsuftesi@greekfont
    \ifsuftesi@bodoni
    \gdef\SUFfntscale{0.96}
    \else
    \ifsuftesi@artemisia
    \gdef\SUFfntscale{0.97}
    \else
    \ifsuftesi@porson
    \gdef\SUFfntscale{1.17}
    \else
    \ifsuftesi@cbgreek
    \def\lmfntscale{1.06}
    \else
    \fi
    \fi
    \fi
    \fi
    \else
    \ClassWarningNoLine{suftesi}{\MessageBreak
    If you need the Greek font remember\MessageBreak
    to set one of the following options:\MessageBreak
    greekfont=artemisia,\MessageBreak
    greekfont=porson,\MessageBreak
    greekfont=cbgreek}
    \fi
\else
  \ifsuftesi@palatino
    \RequirePackage[full]{textcomp}
    \RequirePackage{newpxtext}
    \RequirePackage[scaled=1.06]{biolinum}
    \RequirePackage[varqu,varl]{inconsolata}
    \ifsuftesi@mathextended
    \RequirePackage{amsthm}
    \RequirePackage[bigdelims,vvarbb]{newpxmath}
    \RequirePackage[cal=boondoxo]{mathalpha}
    \else
    \ifsuftesi@mathminimal
    \RequirePackage[bigdelims,vvarbb]{newpxmath}
    \else
    \fi
    \fi
    \useosf
    \useproportional
```

```
    \ifsuftesi@greekfont
    \ifsuftesi@bodoni
    \gdef\SUFfntscale{0.96}
    \else
    \ifsuftesi@artemisia
    \gdef\SUFfntscale{0.97}
    \else
    \ifsuftesi@porson
    \gdef\SUFfntscale{1.17}
    \else
    \ifsuftesi@cbgreek
    \def\lmfntscale{1.06}
    \else
    \fi
    \fi
    \fi
    \fi
    \else
    \ClassWarningNoLine{suftesi}{\MessageBreak
    If you need the Greek font remember\MessageBreak
    to set one of the following options:\MessageBreak
    greekfont=artemisia,\MessageBreak
    greekfont=porson,\MessageBreak
    greekfont=cbgreek}
    \fi
\else
  \ifsuftesi@libertine
    \RequirePackage{textcomp}
    \RequirePackage[sb]{libertine}
    \RequirePackage[varqu,varl,scaled=0.94]{inconsolata}
    \ifsuftesi@mathextended
    \RequirePackage{amsthm}
    \RequirePackage{libertinust1math}
    \RequirePackage[cal=stix,scr=boondoxo,bb=boondox]{mathalpha}
    \else
    \ifsuftesi@mathminimal
    \RequirePackage{libertinust1math}
    \else
    \fi
    \fi
    \useosf
    \ifsuftesi@bodoni
    \gdef\SUFfntscale{0.9}
    \else
    \ifsuftesi@artemisia
    \gdef\SUFfntscale{0.91}
    \else
    \ifsuftesi@porson
    \gdef\SUFfntscale{1.1}
    \else
    \fi
```

```
    \fi
    \fi
\else
  \ifsuftesi@cochineal
    \RequirePackage{textcomp}
    \RequirePackage{cochineal}
    \RequirePackage[varqu,varl,var0]{inconsolata}
    \RequirePackage{biolinum}
    \ifsuftesi@mathextended
    \RequirePackage{amsthm}
    \RequirePackage[cochineal,bigdelims,cmintegrals,vvarbb]{newtxmath}
    \RequirePackage[cal=boondoxo]{mathalpha}
    \else
    \ifsuftesi@mathminimal
    \RequirePackage[cochineal,bigdelims,cmintegrals,vvarbb]{newtxmath}
    \else
    \fi
    \fi
    \useosf
    \useproportional
    \ifsuftesi@bodoni
    \gdef\SUFfntscale{0.9}
    \else
    \ifsuftesi@artemisia
    \gdef\SUFfntscale{0.905}
    \else
    \ifsuftesi@porson
    \gdef\SUFfntscale{1.1}
    \else
    \fi
    \fi
    \fi
    \else
    \fi
    \fi
    \fi
    \fi
    \fi
    \fi
\fi
\unless\ifPDFTeX\else
\ifsuftesi@greekfont
 \ifsuftesi@artemisia
  \def\SUF@greekfamily{artemisia}
   \else
    \ifsuftesi@porson
     \def\SUF@greekfamily{porson}
      \else
       \ifsuftesi@bodoni
        \def\SUF@greekfamily{bodoni}
         \else
```

```
          \ifsuftesi@cbgreek
           \def\SUF@greekfamily{lmr}
         \else
      \fi
    \fi
  \fi
\fi
```

The following macro was created by Claudio Beccari. Some time later, Massimiliano Dominici suggested the use of `\AtEndPreamble` instead of `\AtBeginDocument`, to make the `otherlanguage` environment work.

```
\AtEndPreamble{
  \DeclareFontFamilySubstitution{LGR}{\rmdefault}{\SUF@greekfamily}
  \DeclareRobustCommand{\greektext}{%
    \usefont{LGR}{\SUF@greekfamily}{\f@series}{\f@shape}
    \def\encodingdefault{LGR}}
  \DeclareTextFontCommand{\textgreek}{\greektext}}
\ifsuftesi@cbgreek
  \else
```

We redefine the font definitions of the GFS fonts in order to scale the fonts according to the roman default. The first code for the Porson font (`suftesi` <v.2.4) has been written by Enrico Gregorio. Claudio Beccari successively added the code to improve the scale factor when using this greek font in combination with Palatino.

```
\DeclareFontFamily{LGR}{bodoni}{}
\DeclareFontShape{LGR}{bodoni}{m}{n}{<-> s * [\SUFfntscale] gbodonirg6a}{}
\DeclareFontShape{LGR}{bodoni}{m}{it}{<-> s * [\SUFfntscale] gbodonii6a}{}
\DeclareFontShape{LGR}{bodoni}{b}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
\DeclareFontShape{LGR}{bodoni}{b}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
\DeclareFontShape{LGR}{bodoni}{m}{sl}{<-> s * [\SUFfntscale] gbodonio6a}{}
\DeclareFontShape{LGR}{bodoni}{b}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}
\DeclareFontShape{LGR}{bodoni}{m}{sc}{<-> s * [\SUFfntscale] gbodonisc6a}{}
\DeclareFontShape{LGR}{bodoni}{m}{sco}{<-> s * [\SUFfntscale] gbodonisco6a}{}

\DeclareFontShape{LGR}{bodoni}{bx}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
\DeclareFontShape{LGR}{bodoni}{bx}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
\DeclareFontShape{LGR}{bodoni}{bx}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}

\DeclareFontFamily{LGR}{artemisia}{}
\DeclareFontShape{LGR}{artemisia}{m}{n}{<-> s * [\SUFfntscale] gartemisiarg6a}{}
\DeclareFontShape{LGR}{artemisia}{m}{it}{<-> s * [\SUFfntscale] gartemisiai6a}{}
\DeclareFontShape{LGR}{artemisia}{b}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
\DeclareFontShape{LGR}{artemisia}{b}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}
\DeclareFontShape{LGR}{artemisia}{m}{sl}{<-> s * [\SUFfntscale] gartemisiao6a}{}
\DeclareFontShape{LGR}{artemisia}{b}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}
\DeclareFontShape{LGR}{artemisia}{m}{sc}{<-> s * [\SUFfntscale] gartemisiasc6a}{}
\DeclareFontShape{LGR}{artemisia}{m}{sco}{<-> s * [\SUFfntscale] gartemisiasco6a}{}

\DeclareFontShape{LGR}{artemisia}{bx}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
\DeclareFontShape{LGR}{artemisia}{bx}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}
```

```
\DeclareFontShape{LGR}{artemisia}{bx}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}

\DeclareFontFamily{LGR}{porson}{}
\DeclareFontShape{LGR}{porson}{m}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{m}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{b}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{b}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{m}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{b}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{m}{sc}{<-> s * [\SUFfntscale] gporsonrg6a}{}

\DeclareFontShape{LGR}{porson}{bx}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{bx}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\DeclareFontShape{LGR}{porson}{bx}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
\fi
\else
\fi
\fi
```

5.4 Sectioning

```
\RequirePackage[newparttoc]{titlesec}
  \newlength{\sectionsep}
  \setlength{\sectionsep}{\dimexpr(\baselineskip) plus 1pt minus 1pt}
\unless\ifPDFTeX
  \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
    \addfontfeature{LetterSpace=10}\scshape\SUF@TOCMakeLowercase{#1}}
  \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
    \addfontfeature{LetterSpace=10}\scshape\SUF@MakeLowercase{#1}}
  \DeclareRobustCommand{\SUF@headersmallcaps}[1]{%
    \addfontfeature{LetterSpace=10}\scshape\SUF@MakeLowercase{#1}}
\else
  \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
    \scshape\SUF@TOCMakeLowercase{\textls*{#1}}}%
  \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
    \scshape\SUF@MakeLowercase{\textls*{#1}}}%
  \DeclareRobustCommand{\SUF@headersmallcaps}[1]{%
    \scshape\SUF@MakeLowercase{\textls*{#1}}}%
\fi
```

5.4.1 Default styles

```
\newlength\SUF@chapbeforesep
\def\SUF@default@CHAPTER{
\ifsuftesi@numparchap
  \titleformat{\chapter}[display]
    {\startchappartialtoc\SUF@chaptersize\SUF@CHAP@align}
    {\SUF@thechapter\SUF@dotchap}
    {2ex}
    {\SUF@CHAP@font}
  \else
  \titleformat{\chapter}[hang]
```

```
    {\startchappartialtoc\SUF@chaptersize\SUF@CHAP@align}
    {\SUF@thechapter\SUF@dotchap}
    {3em}
    {\SUF@CHAP@font}
  \fi
\ifsuftesi@numparchap
  \setlength{\SUF@chapbeforesep}{-6ex}
    \else
  \setlength{\SUF@chapbeforesep}{0pt}
\fi}
\def\SUF@default@SECTIONS{
\ifsuftesi@numparsec
  \titleformat{\section}[display]
    {\startsecpartialtoc\SUF@sectionsize\SUF@SEC@align}
    {\SUF@thesection\SUF@dotsec}
    {0ex}
    {\SUF@SEC@font}
  \titlespacing*{\section}{0em}{\sectionsep}{\sectionsep}[0em]
\else
  \titleformat{\section}[hang]
    {\startsecpartialtoc\SUF@sectionsize\SUF@SEC@align}
    {\SUF@thesection\SUF@dotsec}
    {1em}
    {\SUF@SEC@font}
  \titlespacing*{\section}{0ex}{\sectionsep}{\sectionsep}[0ex]
\fi
\ifsuftesi@numparsubsec
  \titleformat{\subsection}[display]
    {\SUF@subsectionsize\SUF@SUBSEC@align}
    {\textnormal\SUF@thesubsection\SUF@dotsubsec}
    {0ex}
    {\SUF@SUBSEC@font}
  \titlespacing*{\subsection}{0em}{\sectionsep}{\sectionsep}[0em]
\else
  \titleformat{\subsection}[hang]
    {\SUF@subsectionsize\SUF@SUBSEC@align}
    {\textnormal\SUF@thesubsection\SUF@dotsubsec}
    {1em}
    {\SUF@SUBSEC@font}
  \titlespacing*{\subsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
\fi
\ifsuftesi@numparsubsubsec
  \titleformat{\subsubsection}[display]
    {\SUF@subsectionsize\SUF@SUBSUBSEC@align}
    {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
    {0ex}
    {\SUF@SUBSUBSEC@font}
  \titlespacing*{\subsubsection}{0em}{\sectionsep}{\sectionsep}[0em]
\else
  \titleformat{\subsubsection}[hang]
    {\SUF@subsectionsize\SUF@SUBSUBSEC@align}
```

```
    {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
    {1em}
    {\SUF@SUBSUBSEC@font}
  \titlespacing*{\subsubsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
  \fi}
\SUF@default@CHAPTER
\SUF@default@SECTIONS
```

5.4.2 Sections spacing

```
\ifsuftesi@periodical
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@periodicalaureo
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@compact
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@compactaureo
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@supercompact
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@supercompactaureo
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@pocketa
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@pocketb
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
\ifsuftesi@pocketc
  \titlespacing*{\chapter}{0em}{\SUF@chapbeforesep}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
\else
  \titlespacing*{\chapter}{0em}{%
     \dimexpr(6ex+\SUF@chapbeforesep)}{18ex}
  \titlespacing*{name=\chapter,numberless}{0em}{6ex}{18ex}
       \fi
      \fi
     \fi
```

```
    \fi
   \fi
  \fi
 \fi
\fi
```

Some redefinitions for `article` mode:

```
\ifsuftesi@article
\def\chapter#1{\ClassError{suftesi}
  {\noexpand\chapter level is undefined
    using 'structure=article'}
  {\noexpand\chapter level is undefined
    using 'structure=article'}}
\setcounter{tocdepth}{3}
\setcounter{secnumdepth}{3}
\renewcommand\thesection{%
  \@arabic\c@section}
\renewcommand\thesubsection{%
  \thesection.\@arabic\c@subsection}
\renewcommand\thesubsubsection{%
  \thesubsection.\@arabic\c@subsubsection}
\renewcommand\theparagraph{%
  \thesubsubsection.\@arabic\c@paragraph}
\renewcommand\thesubparagraph{%
  \theparagraph.\@arabic\c@subparagraph}
```

The \part command

```
\renewcommand\part{%
  \ifSUF@partpage
  \if@openright
  \cleardoublepage
  \else
  \clearpage
  \fi
  \thispagestyle{plain}%
  \fi
  \if@twocolumn
  \onecolumn
  \@tempswatrue
  \else
  \@tempswafalse
  \fi
  \ifSUF@partpage
  \null\vfil
  \fi
  \secdef\@part\@spart}
\fi
\def\@part[#1]#2{%
  \ifnum \c@secnumdepth >-2\relax
```

```
  \refstepcounter{part}%
  \addcontentsline{toc}{part}{\normalfont\normalsize
    \SUF@tocpartname\hskip.5em{\SUF@tocPARTnum@font\SUF@thepart}%
    \SUF@dotpart\hspace{1em}\SUF@tocPART@font#1}%
  \else
  \addcontentsline{toc}{part}{\normalfont\normalsize
    \SUF@tocPART@font#1}%
  \fi
  \markboth{}{}%
  {\SUF@PART@align\SUF@partsize
    \interlinepenalty \@M
    \ifnum \c@secnumdepth >-2\relax
    \addvspace{4ex}
    \noindent\partname\hskip.5em{\SUF@PART@font\SUF@thepart}\SUF@dotpart
    \ifsuftesi@numparpart
    \par
    \vskip2ex
    \else
    \hspace{1em}
    \fi
    \noindent\SUF@PART@font#2\par}%
  \@endpart}
\def\@spart#1{%
  {\SUF@PART@align\SUF@partsize
    \interlinepenalty \@M
    \addvspace{4ex}
    \noindent\SUF@PART@font#1\par}%
  \@endpart}
\ifsuftesi@article
  \def\@endpart{%
    \ifSUF@partpage
    \vfil\newpage
    \if@twoside
    \if@openright
    \null
    \thispagestyle{empty}%
    \newpage
    \fi
    \fi
    \fi
    \if@tempswa
    \twocolumn
    \fi}
\else
  \def\@endpart{\vfil\newpage
    \if@twoside
    \if@openright
    \null
    \thispagestyle{empty}%
    \newpage
    \fi
```

```
    \fi
    \if@tempswa
    \twocolumn
    \fi}
\fi
```

Other sublevels:

```
\titleformat{\paragraph}[runin]
  {}
  {\theparagraph}
  {.5em}
  {\SUF@PAR@font}
  [{.}\hspace*{1em}]
\titlespacing*{\paragraph}{\parindent}{.5\sectionsep}{.5\sectionsep}
\titleformat{\subparagraph}[runin]
  {}
  {\thesubparagraph}
  {.5em}
  {\SUF@SUBPAR@font}
  [{.}\hspace*{1em}]
\titlespacing*{\subparagraph}{\parindent}{.5\sectionsep}{.5\sectionsep}
```

The `biblatex` package uses the `book` class definitions of bibliography and list of shorthands, so we must redefine them according to the styles of `suftesi`, which does not use uppercase letters in the headings.

```
\ifsuftesi@article
\AtBeginDocument{%
\@ifpackageloaded{biblatex}{%
  \defbibheading{bibliography}[\refname]{%
    \section*{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{biblist}[\biblistname]{%
    \section*{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{bibintoc}[\refname]{%
    \section*{#1}%
    \addcontentsline{toc}{section}{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{biblistintoc}[\biblistname]{%
    \section*{#1}%
    \addcontentsline{toc}{section}{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{bibnumbered}[\refname]{%
    \section{#1}}
  \defbibheading{biblistnumbered}[\biblistname]{%
    \section{#1}}
  \defbibheading{subbibliography}[\refname]{%
    \subsection*{#1}}
  \defbibheading{subbibintoc}[\refname]{%
    \subsection*{#1}%
```

```
    \addcontentsline{toc}{subsection}{#1}}
  \defbibheading{subbibnumbered}[\refname]{%
    \subsection{#1}}}
{\relax}}
\else
\AtBeginDocument{%
\@ifpackageloaded{biblatex}{%
  \defbibheading{bibliography}[\bibname]{%
    \chapter*{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{biblist}[\biblistname]{%
    \chapter*{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{bibintoc}[\bibname]{%
    \chapter*{#1}%
    \addcontentsline{toc}{chapter}{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{biblistintoc}[\biblistname]{%
    \chapter*{#1}%
    \addcontentsline{toc}{chapter}{#1}%
    \@mkboth{#1}{#1}}
  \defbibheading{bibnumbered}[\bibname]{%
    \chapter{#1}}
  \defbibheading{biblistnumbered}[\biblistname]{%
    \chapter{#1}}
  \defbibheading{subbibliography}[\refname]{%
    \section*{#1}%
    \if@twoside\markright{#1}\fi}
  \defbibheading{subbibintoc}[\refname]{%
    \section*{#1}%
    \addcontentsline{toc}{section}{#1}%
    \if@twoside\markright{#1}\fi}
  \defbibheading{subbibnumbered}[\refname]{%
    \section{#1}}}
{\relax}}
\fi
```

5.4.3 Abstract

```
\ifsuftesi@collection
  \newenvironment{abstract}{%
      \if@twocolumn
        \section*{\abstractname}%
      \else
        \small
        \begin{center}%
          {\abstractname\vspace{-.5em}\vspace{\z@}}%
        \end{center}%
        \quotation
      \fi}
      {\if@twocolumn\else\endquotation\fi\vspace{6ex}}
\else
```

```
\ifSUF@titlepage
  \newenvironment{abstract}{%
      \titlepage
      \null\vfil
      \@beginparpenalty\@lowpenalty
      \begin{center}%
         \abstractname
        \@endparpenalty\@M
      \end{center}}%
     {\par\vfil\null\endtitlepage}
\else
  \newenvironment{abstract}{%
      \if@twocolumn
        \section*{\abstractname}%
      \else
        \small
        \begin{center}%
          {\abstractname\vspace{-.5em}\vspace{\z@}}%
        \end{center}%
        \quotation
      \fi}
      {\if@twocolumn\else\endquotation\fi}
  \fi
\fi
\newcommand\abstractname{Abstract}
```

5.4.4 Appendices

```
\RequirePackage{appendix}
\noappendicestocpagenum
%  Bug using defaultfont=none,libertine,standard,compatibility
%  \AtBeginEnvironment{appendices}{\appendix\mainmatter}
\def\appendicesname{%
  \ClassError{suftesi}%
    {Command \noexpand\appendicesname undefined\MessageBreak
    Redefine the \noexpand\appendixpagename command instead.
    See the 'appendix' package documentation.\MessageBreak
    \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}
  {Command \noexpand\appendicesname undefined\MessageBreak
    Redefine the \noexpand\appendixpagename command instead.
    See the 'appendix' package documentation.\MessageBreak
    \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}}
\renewcommand{\@chap@pppage}{%
  \clear@ppage
  \thispagestyle{plain}%
  \if@twocolumn\onecolumn\@tempswatrue\else\@tempswafalse\fi
  \null\vfil
  \markboth{}{}%
  {\centering
    \interlinepenalty \@M
    \normalfont
    \SUF@chaptersize
```

```
      \SUF@CHAP@font\expandafter\appendixpagename\par}%
  \if@dotoc@pp
  \addappheadtotoc
  \fi
  \vfil\newpage
  \if@twoside
  \if@openright
  \null
  \thispagestyle{empty}%
  \newpage
  \fi
  \fi
  \if@tempswa
  \twocolumn
  \fi}
\renewcommand{\@sec@pppage}{%
  \par
  \addvspace{4ex}%
  \@afterindentfalse
  {\parindent \z@ \raggedright
    \interlinepenalty \@M
    \normalfont
    \SUF@chaptersize
        \SUF@CHAP@font\expandafter\appendixpagename%
    \markboth{}{}\par}%
  \if@dotoc@pp
  \addappheadtotoc
  \fi
  \nobreak
  \vskip 3ex
  \@afterheading}
```

Within the appendices the chapter and section labels are literal. Using the `chapnumstyle=Roman` or `chapnumstyle=roman` options, this label is passed as an argument to `\@Roman` or `\@roman`, which however accepts only integers. For this reason we must redefine all the occurrences of `\titlecontents` in order to have `\thecontentslabel` in place of `\SUF@CHAP@contentslabel` or `\SUF@SEC@contentslabel`.

```
\def\suf@appendixtoc{%
  \ifsuftesi@pagelefttoc
  \titlecontents{chapter}
  [\SUF@tochang@chap]
  {\addvspace{2ex}}
  {\hskip-\SUF@tochang@chap%
    \makebox[1em][l]{\thecontentspage}%
    \hskip\SUF@addto@tochang@chap%
    \makebox[\SUF@label@chap][l]{%
      \thecontentslabel}\hspace*{1em}%
    \SUF@tocCHAP@font}
  {\hskip-\SUF@tochang@chap%
    \makebox[1em][l]{\thecontentspage}%
```

```
    \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
  {}
  [\addvspace{1ex}]
  \ifsuftesi@ctocsec
  \titlecontents*{section}[\SUF@tochang@chap]{}{%
    \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
    \thecontentspage.}[][\adjtocpagesep][]
  \else
  \titlecontents{section}
  [\SUF@tochang@sec]
  {}
  {\hskip-\SUF@tochang@sec%
    \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
%     \makebox[\SUF@label@sec][l]{%
%     \ifsuftesi@article\SUF@toclabelnum%
%      \else\fi\thecontentslabel}\hspace*{1em}%
    \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
    \SUF@tocSEC@font}
  {\hskip-\SUF@tochang@sec%
    \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
    \SUF@tocSEC@font}
  {}
  \fi
  \else
  \titlecontents{chapter}
  [\SUF@tocindent@chap]
  {\addvspace{2ex}}
  {\hskip-\SUF@tocindent@chap%
    \makebox[\SUF@label@chap][l]{\thecontentslabel}%
    \hspace*{1em}%
    \SUF@tocCHAP@font}
  {\hskip-\SUF@tocindent@chap%
    \SUF@tocCHAP@font}
  {\SUF@chaptitlerule\contentspage}
  [\addvspace{1ex}]
  \ifsuftesi@ctocsec
  \titlecontents*{section}[\SUF@tocindent@chap]{}{%
    \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
    \thecontentspage.}[][\adjtocpagesep][]
  \else
  \titlecontents{section}
  [\SUF@tocindent@sec]
  {}
  {\hskip-\dimexpr(\SUF@label@sec+1em)%
%     \makebox[\SUF@label@sec][l]{%
%     \ifsuftesi@article\SUF@toclabelnum%
%       \else\fi\thecontentslabel}\hspace*{1em}%
    \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
    \SUF@tocSEC@font}
  {\hskip-\dimexpr(\SUF@label@sec+1em)%
    \SUF@tocSEC@font}
```

```
  {\ifsuftesi@article\SUF@chaptitlerule%
    \else\SUF@titlerule\fi\contentspage}
  \fi}
\ifsuftesi@article
\renewcommand\appendix{\par
  \suf@appendixtoc%
  \setcounter{section}{0}%
  \setcounter{subsection}{0}%
  \gdef\SUF@thesection{\@Alph\c@section}%
  \gdef\SUF@HEAD@thesection{\@Alph\c@section}%
  \renewcommand{\thesection}{\@Alph\c@section}}
\else
\renewcommand\appendix{\par
  \suf@appendixtoc%
  \setcounter{chapter}{0}%
  \setcounter{section}{0}%
  \gdef\@chapapp{\appendixname}%
  \gdef\SUF@thechapter{\@Alph\c@chapter}%
  \gdef\SUF@HEAD@thechapter{\@Alph\c@chapter}%
  \renewcommand{\thechapter}{\@Alph\c@chapter}}
\fi
```

5.4.5 Index

```
\renewenvironment{theindex}
  {\if@twocolumn
     \@restonecolfalse
   \else
     \@restonecoltrue
   \fi
   \ifsuftesi@article
   \twocolumn[\section*{\indexname}]%
   \else
   \twocolumn[\@makeschapterhead{\indexname}]%
   \fi
   \@mkboth{\indexname}{\indexname}%
   \thispagestyle{plain}%
   \raggedright%
   \parindent\z@
   \parskip\z@ \@plus .3\p@\relax
   \columnseprule \z@
   \columnsep 35\p@
   \let\item\@idxitem}
  {\if@restonecol\onecolumn\else\clearpage\fi}
```

5.5 Contents lists

```
\RequirePackage{titletoc}
```

All the lengths depend on `\SUF@label@chap` so we define this first. The `\toclabelwidth` lengtth is provided to adjust the label width in the table of contents.

```
\newlength\SUF@label@chap
```

```
\setlength\SUF@label@chap{.5em}
\newcommand*{\toclabelwidth}[2]{%
  \AtBeginDocument{
    \addtolength{\csname SUF@label@#1\endcsname}{#2}%
    \addtolength{\csname SUF@tocindent@#1\endcsname}{#2}}}
```

These commands control the space before and after the label of the sections in the table of contents, using the `compactfont` option.

```
\newcommand{\adjtoclabelsep}{\hskip.2em plus 1pt minus 1pt}
\newcommand{\adjtocpagesep}{\hskip.5em plus 2pt minus 1pt}
```

A class error if the obsolete `\toclabelspace` is used:

```
\newcommand{\toclabelspace}{%
  \ClassError{suftesi}
    {\MessageBreak
    \noexpand\toclabelspace is not more defined\MessageBreak
    Use \noexpand\toclabelwidth instead.\MessageBreak
    See package documentation for details}
    {\MessageBreak
    \noexpand\toclabelspace is not more defined\MessageBreak
    Use \noexpand\toclabelwidth instead.\MessageBreak
    See package documentation for details}}
```

This macro controls the space between page number and chapter label using the `toc=pageleft` option:

```
\newlength{\SUF@tochang}
\setlength{\SUF@tochang}{3em}
\AtBeginDocument{%
\newlength\SUF@label@part
\newlength\SUF@label@sec
\newlength\SUF@label@subsec
\newlength\SUF@label@subsubsec
\newlength\SUF@label@par
\newlength\SUF@label@subpar
\newlength\SUF@label@fig
\newlength\SUF@label@tab
\setlength\SUF@label@part
    {\SUF@label@chap}
\setlength\SUF@label@sec
    {\dimexpr(\SUF@label@chap+.5em)}
\setlength\SUF@label@subsec
    {\dimexpr(\SUF@label@sec+.5em)}
\setlength\SUF@label@subsubsec
    {\dimexpr(\SUF@label@subsec+.5em)}
\setlength\SUF@label@par
    {\dimexpr(\SUF@label@subsubsec+.5em)}
\setlength\SUF@label@subpar
    {\dimexpr(\SUF@label@par+.5em)}
\setlength\SUF@label@fig
    {\SUF@label@sec}
```

```
\setlength\SUF@label@tab
    {\SUF@label@sec}}
```

Part etry The style of the part ToC entry the same in all ToC types, i.e. aligned to the left and without page indication. The font options act only on the title, which is always printed in Roman shape, and not on the label. As is the case for the other sectioning commands.

```
%\titlecontents{part}
%  [0em]
%  {\addvspace{3ex}}
%  {\partname\hspace*{.5em}\makebox[\SUF@label@part][l]{%
%    \SUF@PART@contentslabel}\hspace*{1em}\SUF@tocPART@font}
%  {\SUF@tocPART@font}
%  {}
%  [\addvspace{1ex}]
```

The 'left' ToC With this option, page numbers are placed to the left of the respective entry. Therefore we set the space provided for the page number on the right to zero, using the `\contentsmargin` command. In this way the right margin of the index is correctly aligned.

```
\ifsuftesi@pagelefttoc
\contentsmargin{0pt}
\AtBeginDocument{%
\newlength\SUF@tochang@chap
\newlength\SUF@tochang@sec
\newlength\SUF@tochang@subsec
\newlength\SUF@tochang@subsubsec
\newlength\SUF@tochang@par
\newlength\SUF@tochang@subpar
\newlength\SUF@tochang@fig
\newlength\SUF@tochang@tab
\newlength\SUF@addto@tochang@chap
\newlength\SUF@addto@tochang@sec
\newlength\SUF@addto@tochang@subsec
\newlength\SUF@addto@tochang@subsubsec
\newlength\SUF@addto@tochang@par
\newlength\SUF@addto@tochang@subpar
\newlength\SUF@addto@tochang@fig
\newlength\SUF@addto@tochang@tab
\setlength\SUF@tochang@chap
    {\dimexpr(1em+\SUF@tochang+\SUF@label@chap+1em)}
\setlength\SUF@tochang@sec
    {\dimexpr(\SUF@tochang@chap+\SUF@label@sec+1em)}
\setlength\SUF@tochang@subsec
    {\dimexpr(\SUF@tochang@sec+\SUF@label@subsec+1em)}
\setlength\SUF@tochang@subsubsec
    {\dimexpr(\SUF@tochang@subsec+\SUF@label@subsubsec+1em)}
\setlength\SUF@tochang@par
    {\dimexpr(\SUF@tochang@subsubsec+\SUF@label@par+1em)}
\setlength\SUF@tochang@subpar
    {\dimexpr(\SUF@tochang@par+\SUF@label@subpar+1em)}
```

```
\setlength\SUF@tochang@fig
    {\SUF@tochang@chap}
\setlength\SUF@tochang@tab
    {\SUF@tochang@chap}
\setlength\SUF@addto@tochang@chap
    {\SUF@tochang}
\setlength\SUF@addto@tochang@sec
    {\dimexpr(\SUF@addto@tochang@chap+\SUF@label@sec+.5em)}
\setlength\SUF@addto@tochang@subsec
    {\dimexpr(\SUF@addto@tochang@sec+\SUF@label@subsec+.5em)}
\setlength\SUF@addto@tochang@subsubsec
    {\dimexpr(\SUF@addto@tochang@subsec+\SUF@label@subsubsec+.5em)}
\setlength\SUF@addto@tochang@par
    {\dimexpr(\SUF@addto@tochang@subsubsec+\SUF@label@par+.5em)}
\setlength\SUF@addto@tochang@subpar
    {\dimexpr(\SUF@addto@tochang@par+\SUF@label@subpar+.5em)}
\setlength\SUF@addto@tochang@fig
    {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}
\setlength\SUF@addto@tochang@tab
    {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}}
```

ToC entries

```
\titlecontents{chapter}
  [\SUF@tochang@chap]
  {\addvspace{2ex}}
  {\hskip-\SUF@tochang@chap%
   \makebox[1em][l]{\thecontentspage}%
    \hskip\SUF@addto@tochang@chap%
      \makebox[\SUF@label@chap][l]{%
        \SUF@CHAP@contentslabel}\hspace*{1em}%
          \SUF@tocCHAP@font}
  {\hskip-\SUF@tochang@chap%
     \makebox[1em][l]{\thecontentspage}%
       \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
  {}
  [\addvspace{1ex}]
\ifsuftesi@ctocsec
\titlecontents*{section}[\SUF@tochang@chap]{}{%
  \SUF@SEC@contentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
  \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{section}
  [\SUF@tochang@sec]
  {}
  {\hskip-\SUF@tochang@sec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
%     \makebox[\SUF@label@sec][l]{%
%     \ifsuftesi@article\SUF@toclabelnum%
%      \else\fi\thecontentslabel}\hspace*{1em}%
    \makebox[\SUF@label@sec][l]{\SUF@SEC@contentslabel}\hspace*{1em}%
```

```
      \SUF@tocSEC@font}
  {\hskip-\SUF@tochang@sec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
     \SUF@tocSEC@font}
  {}
\fi
\ifsuftesi@ctocsubsec
\titlecontents*{subsection}[\SUF@tochang@sec]{\SUF@sscorrect}{%
 \SUF@SUBSEC@contentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}{\SUF@tocSUBSEC@font}{,
  \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subsection}
  [\SUF@tochang@subsec]
  {}
  {\hskip-\SUF@tochang@subsec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
    \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@contentslabel}\hspace*{1em}%
      \SUF@tocSUBSEC@font}
  {\hskip-\SUF@tochang@subsec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
     \SUF@tocSUBSEC@font}
  {}
\fi
\ifsuftesi@ctocsubsubsec
\titlecontents*{subsubsection}[\SUF@tochang@subsec]{\SUF@ssscorrect}{%
  \SUF@SUBSUBSEC@contentslabel\adjtoclabelsep%
  \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
  \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subsubsection}
  [\SUF@tochang@subsubsec]
  {}
  {\hskip-\SUF@tochang@subsubsec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
   \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@contentslabel}\hspace*{1em}%
      \SUF@tocSUBSUBSEC@font}
  {\hskip-\SUF@tochang@subsubsec%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
     \SUF@tocSUBSUBSEC@font}
  {}
\fi
\ifsuftesi@ctocpar
\titlecontents*{paragraph}[\SUF@tochang@subsubsec]{\SUF@pcorrect}{%
 \SUF@PAR@contentslabel\adjtoclabelsep%
 \SUF@tocPAR@font}{\SUF@tocPAR@font}{,
 \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{paragraph}
[\SUF@tochang@par]
{}
{\hskip-\SUF@tochang@par%
```

```
 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par%
 \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}%
   \SUF@tocPAR@font}
{\hskip-\SUF@tochang@par%
 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par%
   \SUF@tocPAR@font}
{}
\fi
\ifsuftesi@ctocsubpar
\titlecontents*{subparagraph}[\SUF@tochang@par]{\SUF@pcorrect}{%
 \SUF@SUBPAR@contentslabel\adjtoclabelsep%
 \SUF@tocSUBPAR@font}{\SUF@tocSUBPAR@font}{,
 \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subparagraph}
  [\SUF@tochang@subpar]
  {}
  {\hskip-\SUF@tochang@subpar%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar%
    \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}%
      \SUF@tocSUBPAR@font}
  {\hskip-\SUF@tochang@subpar%
    \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar%
      \SUF@tocSUBPAR@font}
  {}
\fi
\titlecontents{figure}
  [\SUF@tochang@fig]
  {}
  {\hskip-\SUF@tochang@fig%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@fig%
     \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
  {}
  {}
\titlecontents{table}
  [\SUF@tochang@tab]
  {}
  {\hskip-\SUF@tochang@tab%
   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@tab%
     \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
  {}
  {}
\else
```

Default ToC

```
\AtBeginDocument{%
\newlength\SUF@tocindent@chap
\newlength\SUF@tocindent@sec
\newlength\SUF@tocindent@subsec
\newlength\SUF@tocindent@subsubsec
```

```
\newlength\SUF@tocindent@par
\newlength\SUF@tocindent@subpar
\newlength\SUF@tocindent@fig
\newlength\SUF@tocindent@tab
\ifsuftesi@article
\setlength\SUF@tocindent@sec
    {\dimexpr(\SUF@label@chap+1.5em)}
\setlength\SUF@tocindent@subsec
    {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
\setlength\SUF@tocindent@subsubsec
    {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
\setlength\SUF@tocindent@par
    {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
\setlength\SUF@tocindent@subpar
    {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
\setlength\SUF@tocindent@fig
    {\dimexpr(\SUF@label@chap+1.5em)}
\setlength\SUF@tocindent@tab
    {\dimexpr(\SUF@label@chap+1.5em)}
\else
\setlength\SUF@tocindent@chap
    {\dimexpr(\SUF@label@chap+1em)}
\setlength\SUF@tocindent@sec
    {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec+1em)}
\setlength\SUF@tocindent@subsec
    {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
\setlength\SUF@tocindent@subsubsec
    {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
\setlength\SUF@tocindent@par
    {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
\setlength\SUF@tocindent@subpar
    {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
\setlength\SUF@tocindent@fig
    {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
\setlength\SUF@tocindent@tab
    {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
\fi}
```

ToC entries

```
\titlecontents{chapter}
  [\SUF@tocindent@chap]
  {\addvspace{2ex}}
  {\hskip-\SUF@tocindent@chap%
    \makebox[\SUF@label@chap][l]{\SUF@CHAP@contentslabel}%
    \hspace*{1em}%
      \SUF@tocCHAP@font}
  {\hskip-\SUF@tocindent@chap%
      \SUF@tocCHAP@font}
  {\SUF@chaptitlerule\contentspage}
  [\addvspace{1ex}]
```

```
\ifsuftesi@ctocsec
\titlecontents*{section}[\SUF@tocindent@chap]{}{%
  \SUF@SEC@contentslabel\adjtoclabelsep\SUF@tocSEC@font}
  {\SUF@tocSEC@font}{, \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{section}
  [\SUF@tocindent@sec]
  {}
  {\hskip-\dimexpr(\SUF@label@sec+1em)%
%     \makebox[\SUF@label@sec][l]{%
%     \ifsuftesi@article\SUF@toclabelnum%
%       \else\fi\thecontentslabel}\hspace*{1em}%
    \makebox[\SUF@label@sec][l]{\SUF@SEC@contentslabel}\hspace*{1em}%
       \SUF@tocSEC@font}
  {\hskip-\dimexpr(\SUF@label@sec+1em)%
    \SUF@tocSEC@font}
  {\ifsuftesi@article\SUF@chaptitlerule%
      \else\SUF@titlerule\fi\contentspage}
\fi
\ifsuftesi@ctocsubsec
\titlecontents*{subsection}[\SUF@tocindent@sec]{\SUF@sscorrect}{%
  \SUF@SUBSEC@contentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}
  {\SUF@tocSUBSEC@font}{, \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subsection}
  [\SUF@tocindent@subsec]
  {}
  {\hskip-\dimexpr(\SUF@label@subsec+1em)%
    \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@contentslabel}\hspace*{1em}%
      \SUF@tocSUBSEC@font}
  {\hskip-\dimexpr(\SUF@label@subsec+1em)%
    \SUF@tocSUBSEC@font}
  {\SUF@titlerule\contentspage}
\fi
\ifsuftesi@ctocsubsubsec
\titlecontents*{subsubsection}[\SUF@tocindent@subsec]{\SUF@ssscorrect}{%
  \SUF@SUBSUBSEC@contentslabel\adjtoclabelsep%
  \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
  \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subsubsection}
  [\SUF@tocindent@subsubsec]
  {}
  {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
   \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@contentslabel}\hspace*{1em}%
      \SUF@tocSUBSUBSEC@font}
  {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
    \SUF@tocSUBSUBSEC@font}
  {\SUF@titlerule\contentspage}
\fi
\ifsuftesi@ctocpar
```

```
\titlecontents*{paragraph}[\SUF@tocindent@subsubsec]{\SUF@pcorrect}{%
 \SUF@PAR@contentslabel\adjtoclabelsep%
 \SUF@tocPAR@font}{\SUF@tocPAR@font}{,
 \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{paragraph}
  [\SUF@tocindent@par]
  {}
  {\hskip-\dimexpr(\SUF@label@par+1em)%
    \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}%
      \SUF@tocPAR@font}
  {\hskip-\dimexpr(\SUF@label@par+1em)%
     \SUF@tocPAR@font}
  {\SUF@titlerule\contentspage}
\fi
\ifsuftesi@ctocsubpar
\titlecontents*{subparagraph}[\SUF@tocindent@par]{\SUF@pcorrect}{%
 \SUF@SUBPAR@contentslabel\adjtoclabelsep%
 \SUF@tocSUBPAR@font}{\SUF@tocSUBPAR@font}{,
 \thecontentspage.}[][\adjtocpagesep][]
\else
\titlecontents{subparagraph}
  [\SUF@tocindent@subpar]
  {}
  {\hskip-\dimexpr(\SUF@label@subpar+1em)%
    \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}%
      \SUF@tocSUBPAR@font}
  {\hskip-\dimexpr(\SUF@label@subpar+1em)%
     \SUF@tocSUBPAR@font}
  {\SUF@titlerule\contentspage}
\fi
\titlecontents{figure}
  [\SUF@tocindent@fig]
  {}
  {\hskip-\SUF@tocindent@fig%
    \makebox[\SUF@label@fig][l]{\thecontentslabel}\hspace*{1em}}
  {}
  {\SUF@titlerule\contentspage}
\titlecontents{table}
  [\SUF@tocindent@tab]
  {}
  {\hskip-\SUF@tocindent@tab%
    \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
  {}
  {\SUF@titlerule\contentspage}
\fi
```

partial ToC

```
\ifSUF@partialtoc
  \titlecontents*{partialtocsection}[0cm]{}{%
```

```
   \@partialtocseclabel\adjtoclabelsep\@partialtocsecfont}
   {\@partialtocsecfont}{, \thecontentspage.}[][\adjtocpagesep][]
   \ifsuftesi@article
  \titlecontents*{partialtocsubsection}[0cm]{}{%
   \@partialtocsubseclabel\adjtoclabelsep\@partialtocsubsecfont}
   {\@partialtocsubsecfont}{, \thecontentspage.}[][\adjtocpagesep][]
   \else
  \titlecontents*{partialtocsubsection}[0cm]{\hskip.5em}{%
   \@partialtocsubseclabel\adjtoclabelsep\@partialtocsubsecfont}
   {\@partialtocsubsecfont}{, \thecontentspage.}[][\adjtocpagesep][]
   \fi
  \titlecontents*{partialtocsubsubsection}[0cm]{\hskip.5em}{%
   \@partialtocsubsubseclabel\adjtoclabelsep\@partialtocsubsubsecfont}
   {\@partialtocsubsubsecfont}{, \thecontentspage.}[][\adjtocpagesep][]
  \titlecontents*{partialtocparagraph}[0cm]{\hskip.5em}{%
   \@partialtocparlabelfont\adjtoclabelsep\@partialtocparfont}
   {\@partialtocparfont}{, \thecontentspage.}[][\adjtocpagesep][]
  \titlecontents*{partialtocsubparagraph}[0cm]{\hskip.5em}{%
   \@partialtocsubparlabelfont\adjtoclabelsep\@partialtocsubparfont}
   {\@partialtocsubparfont}{, \thecontentspage.}[][\adjtocpagesep][]
    \ifsuftesi@article
        \let\startsecpartialtoc\startcontents
        \let\startchappartialtoc\relax
      \else
        \let\startchappartialtoc\startcontents
        \let\startsecpartialtoc\relax
    \fi
  \newcommand{\printpartialtoc}{%
    \setcounter{tocdepth}{5}
     \contentsmargin{0cm}
      \@partialtocsize
       \@partialtocbeforespace
        \@partialtocbeforecode\par
         \ifsuftesi@article
         \printcontents{partialtoc}{2}{}
         \else
         \printcontents{partialtoc}{1}{}
         \fi
        \par\@partialtocaftercode
      \@partialtocafterspace
   }
\else
  \let\startchappartialtoc\relax
  \let\startsecpartialtoc\relax
  \def\printpartialtoc{%
    \ClassWarningNoLine{suftesi}%
      {To activate \string\printpartialtoc\MessageBreak
      load the 'partialtoc' option}}
\fi
```

The ToC, LoF and LoT in the `article` structure

```
\ifsuftesi@article
\renewcommand\tableofcontents{%
    \vspace{2ex}%
      \section*{\contentsname}%
        \@mkboth{\contentsname}{\contentsname}%
        \thispagestyle{empty}
        \ifsuftesi@twocolumntoc
          \begin{multicols}{2}
            \@starttoc{toc}%
          \end{multicols}
        \else
           \@starttoc{toc}%
        \fi
    \vspace{2ex}%
   }
\renewcommand\listoffigures{%
    \vspace{2ex}%
    \section*{\listfigurename}%
       \@mkboth{\listfigurename}{\listfigurename}%
     \thispagestyle{empty}
        \ifsuftesi@twocolumnlof
          \begin{multicols}{2}
            \@starttoc{lof}%
          \end{multicols}
        \else
           \@starttoc{lof}%
        \fi
    \vspace{2ex}%
    }
\renewcommand\listoftables{%
    \vspace{2ex}%
    \section*{\listtablename}%
        \@mkboth{\listtablename}{\listtablename}%
      \thispagestyle{empty}
        \ifsuftesi@twocolumnlot
          \begin{multicols}{2}
            \@starttoc{lot}%
          \end{multicols}
        \else
           \@starttoc{lot}%
        \fi
    \vspace{2ex}%
    }
\else
```

The ToC, LoF and LoT in the `book` structure

```
\renewcommand\tableofcontents{%
    \if@twocolumn
      \@restonecoltrue\onecolumn
```

```
    \else
      \@restonecolfalse
    \fi
    \chapter*{\contentsname}%
        \@mkboth{%
            \contentsname}
           {\contentsname}%
      \thispagestyle{empty}
        \ifsuftesi@twocolumntoc
          \begin{multicols}{2}
            \@starttoc{toc}%
          \end{multicols}
        \else
           \@starttoc{toc}%
        \fi
    \if@restonecol\twocolumn\fi
   }
\renewcommand\listoffigures{%
    \if@twocolumn
      \@restonecoltrue\onecolumn
    \else
      \@restonecolfalse
    \fi
    \chapter*{\listfigurename}%
      \@mkboth{\listfigurename}%
              {\listfigurename}%
     \thispagestyle{empty}
        \ifsuftesi@twocolumnlof
          \begin{multicols}{2}
            \@starttoc{lof}%
          \end{multicols}
        \else
           \@starttoc{lof}%
        \fi
    \if@restonecol\twocolumn\fi
    }
\renewcommand\listoftables{%
    \if@twocolumn
      \@restonecoltrue\onecolumn
    \else
      \@restonecolfalse
    \fi
    \chapter*{\listtablename}%
      \@mkboth{%
          \listtablename}%
         {\listtablename}%
     \thispagestyle{empty}
        \ifsuftesi@twocolumnlot
          \begin{multicols}{2}
            \@starttoc{lot}%
          \end{multicols}
```

```
        \else
           \@starttoc{lot}%
        \fi
    \if@restonecol\twocolumn\fi
    }
\fi
```

5.6 Customizing entries

5.6.1 The partial ToC

```
\newcommand{\partialtocsize}[1]{%
  \def\@partialtocsize{#1}}
\newcommand{\partialtocsecfont}[1]{%
  \def\@partialtocsecfont{#1}}
\newcommand{\partialtocsubsecfont}[1]{%
  \def\@partialtocsubsecfont{#1}}
\newcommand{\partialtocsubsubsecfont}[1]{%
  \def\@partialtocsubsubsecfont{#1}}
\newcommand{\partialtocparfont}[1]{%
 \def\@partialtocparfont{#1}}
\newcommand{\partialtocsubparfont}[1]{%
 \def\@partialtocsubparfont{#1}}
\newcommand{\partialtocseclabel}[1]{%
  \def\@partialtocseclabel{\begingroup#1\thecontentslabel~\endgroup}}
\newcommand{\partialtocsubseclabel}[1]{%
  \def\@partialtocsubseclabel{\begingroup#1\thecontentslabel~\endgroup}}
\newcommand{\partialtocsubsubseclabel}[1]{%
  \def\@partialtocsubsubseclabel{\begingroup#1\thecontentslabel~\endgroup}}
\newcommand{\partialtocparlabelfont}[1]{%
 \def\@partialtocparlabelfont{\begingroup#1\thecontentslabel~\endgroup}}
\newcommand{\partialtocsubparlabelfont}[1]{%
 \def\@partialtocsubparlabelfont{\begingroup#1\thecontentslabel~\endgroup}}
\newcommand{\partialtocbeforespace}[1]{%
  \def\@partialtocbeforespace{\vspace*{#1}}}
\newcommand{\partialtocafterspace}[1]{%
  \def\@partialtocafterspace{\vspace*{#1}}}
\newcommand{\partialtocbeforecode}[1]{%
  \def\@partialtocbeforecode{#1}}
\newcommand{\partialtocaftercode}[1]{%
  \def\@partialtocaftercode{#1}}
\partialtocsize{\footnotesize}
\partialtocsecfont{\itshape}
\partialtocsubsecfont{}
\partialtocsubsubsecfont{}
\partialtocparfont{}
\partialtocsubparfont{}
\partialtocseclabel{}
\partialtocsubseclabel{}
\partialtocsubsubseclabel{}
\partialtocparlabelfont{}
\partialtocsubparlabelfont{}
```

```
\partialtocbeforespace{0pt}
\partialtocafterspace{2\baselineskip}
\partialtocbeforecode{}
\partialtocaftercode{}
```

5.6.2 Sections font

```
\newcommand{\partfont}[1]{\def\SUF@PART@font{#1}}
\newcommand{\chapfont}[1]{\def\SUF@CHAP@font{#1}}
\newcommand{\secfont}[1]{\def\SUF@SEC@font{#1}}
\newcommand{\subsecfont}[1]{\def\SUF@SUBSEC@font{#1}}
\newcommand{\subsubsecfont}[1]{\def\SUF@SUBSUBSEC@font{#1}}
\newcommand{\partnumfont}[1]{\def\SUF@PART@font{#1}}\partnumfont{}
\newcommand{\chapnumfont}[1]{\def\SUF@thechapter{#1}}
\newcommand{\secnumfont}[1]{\def\SUF@thesection{#1}}
\newcommand{\subsecnumfont}[1]{\def\SUF@thesubsection{#1}}
\newcommand{\subsubsecnumfont}[1]{\def\SUF@thesubsubsection{#1}}
\newcommand{\titlefont}[1]{\def\SUF@titlestyle{#1}\let\SUF@titlefont\relax}
\newcommand{\authorfont}[1]{\def\SUF@authorstyle{#1}\let\SUF@authorfont\relax}
\newcommand{\datefont}[1]{\def\SUF@datefont{#1}}
```

5.6.3 Sections font in ToC

```
\newcommand{\tocpartname}[1]{\def\SUF@tocpartname{#1}}
  \tocpartname{\partname}
\newcommand{\tocpartfont}[1]{\def\SUF@tocPART@font{#1}}
\newcommand{\tocchapfont}[1]{\def\SUF@tocCHAP@font{#1}}
\newcommand{\tocsecfont}[1]{\def\SUF@tocSEC@font{#1}}
\newcommand{\tocsubsecfont}[1]{\def\SUF@tocSUBSEC@font{#1}}
\newcommand{\tocsubsubsecfont}[1]{\def\SUF@tocSUBSUBSEC@font{#1}}
\newcommand{\tocparfont}[1]{\def\SUF@tocPAR@font{#1}}
\newcommand{\tocsubparfont}[1]{\def\SUF@tocSUBPAR@font{#1}}
\newcommand{\tocpartnumfont}[1]{\def\SUF@tocPARTnum@font{#1}}\tocpartnumfont{}
\newcommand{\tocchapnumfont}[1]{%
  \def\SUF@CHAP@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\newcommand{\tocsecnumfont}[1]{%
  \def\SUF@SEC@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\newcommand{\tocsubsecnumfont}[1]{%
  \def\SUF@SUBSEC@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\newcommand{\tocsubsubsecnumfont}[1]{%
  \def\SUF@SUBSUBSEC@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\newcommand{\tocparnumfont}[1]{%
 \def\SUF@PAR@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\newcommand{\tocsubparnumfont}[1]{%
 \def\SUF@SUBPAR@contentslabel{\begingroup#1\thecontentslabel\endgroup}}
\tocparnumfont{}
\tocsubparnumfont{}
```

5.6.4 Breaking titles

Two commands for manual breaks active, respectively, only in the table of contents and in the body text. The solution was initially made available by Enrico Gregorio many years ago in one of the first versions of the class (at that time the commands were called `\headbreak`

and \xheadbreak). Later, while I was working on version 3.0, I noticed an alignment problem in the chapter titles when using the chapstyle=left option. So I added the \breakinbodyleft command and updated the command names to make them more recognizable. Old names are in any case available for backwards compatibility.

```
\newif\ifbreakintoc\breakintocfalse
\newif\ifbreakinbody\breakinbodytrue
\DeclareRobustCommand{\breakintoc}
  {\ifbreakintoc\\\else\fi}
\DeclareRobustCommand{\breakinbody}
  {\ifbreakinbody\\\else\fi}
\DeclareRobustCommand{\breakinbodyleft}
  {\ifbreakinbody\newline\else\fi}
\let\origtableofcontents\tableofcontents
\renewcommand{\tableofcontents}{%
  \begingroup
    \breakintoctrue\breakinbodyfalse%
      \origtableofcontents
  \endgroup}
\DeclareRobustCommand{\headbreak}
  {\ifbreakintoc\\\else\fi}
\DeclareRobustCommand{\xheadbreak}
  {\ifbreakinbody\\\else\fi}
\DeclareRobustCommand{\yheadbreak}
  {\ifbreakinbody\newline\else\fi}
```

5.7 Headers and footers

```
\RequirePackage{fancyhdr}
\newcommand{\versionstring}[1]{\def\version@string{#1}}
  \versionstring{Version of}
\ifSUF@draftdate
  \def\SUF@versionof{\footnotesize\texttt{\version@string{} \today}}
\else
  \let\SUF@versionof\relax
\fi
```

The `default` headers In previous versions \SUF@HEAD@thechapter and \SUF@HEAD@thesection were preceded by \protect. This caused an error in the headers. Removing \protect may cause other bugs. To be tested.

```
\renewcommand{\chaptermark}[1]{%
  \markboth{\chaptertitlename\ \SUF@HEAD@thechapter}{#1}}
  \ifsuftesi@article
    \renewcommand{\sectionmark}[1]{\markright{\SUF@HEAD@thesection.\ #1}}
      \else
    \renewcommand{\sectionmark}[1]{}
  \fi
```

Page styles

```
\fancypagestyle{plain}{\fancyhf{}\fancyfoot[RE,LO]{\SUF@versionof}}
\fancypagestyle{empty}{\fancyhf{}\fancyfoot[RE,LO]{\SUF@versionof}}
\fancypagestyle{sufplain}{%
 \fancyhf{}%
 \fancyfoot[RE,LO]{\SUF@versionof}
 \fancyfoot[C]{\footnotesize\SUF@thepage}}
\fancypagestyle{centerheader}{%
  \fancyhf{}%
  \fancyfoot[RE,LO]{\SUF@versionof}
  \fancyhead[CO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
  \fancyhead[CE]{\footnotesize\breakinbodyfalse\SUF@mark}
  \fancyfoot[C]{\footnotesize\SUF@thepage}}
\fancypagestyle{sufdefault}{%
  \fancyhf{}%
  \fancyfoot[RE,LO]{\SUF@versionof}
  \fancyhead[LE,RO]{\footnotesize\SUF@thepage}
  \fancyhead[LO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
  \fancyhead[RE]{\footnotesize\breakinbodyfalse\SUF@mark}}
\ifsuftesi@article
  \ifsuftesi@authortitle
    \def\SUF@mark{\SUF@leftmark}
  \else
    \def\SUF@mark{\SUF@rightmark}
  \fi
\else
  \def\SUF@mark{\SUF@leftmark}
\fi
\def\SUF@leftrightmark{%
  \if@mainmatter\leftmark\else\rightmark\fi}
```

The `\geometry` command gives the expected result only if used *before* the page style assignment. So this must be declared at the beginning of the document:

```
\AtBeginDocument{%
  \renewcommand{\headrulewidth}{0pt}
  \renewcommand{\footnoterule}{}
  \ifsuftesi@centerheader
   \pagestyle{centerheader}
    \else
     \ifsuftesi@sufplain
      \pagestyle{sufplain}
       \else
      \pagestyle{sufdefault}
     \fi
   \fi
}
```

5.8 Notes and quotations

Block Quotations New environments for block quotations according to a popular Italian style. The font size is the same of the footnotes and the margins are set to `\parindent`.

```
\renewenvironment{quotation}
  {\list{}{\listparindent\parindent%
    \itemindent    \listparindent
    \SUF@quote@style
    \parsep    \z@ \@plus\p@}%
    \item\relax%
    \SUF@quotation@size%
    \noindent\ignorespaces}
  {\endlist}
\renewenvironment{quote}
  {\list{}{%
    \SUF@quote@style}%
    \item\relax%
    \SUF@quotation@size}% \ignorespaces?
  {\endlist}
\renewenvironment{verse}
  {\let\\\@centercr
    \list{}{\itemsep      \z@
      \itemindent   -1.5em%
      \listparindent\itemindent
      \rightmargin  \leftmargin
      \advance\leftmargin 1.5em}%
    \item\relax
    \SUF@quotation@size}
  {\endlist}
```

The `fewfootnotes` option Enable only with three footnotes per page maximum.

```
\ifSUF@fewfootnotes
 \RequirePackage{footnpag}
\AtBeginDocument{%
\def\@fnsymbol#1{%
   \ifcase#1\or \TextOrMath\textasteriskcentered *\or
   \TextOrMath {\textasteriskcentered\textasteriskcentered}{**}\or
   \TextOrMath {\textasteriskcentered%
                \textasteriskcentered\textasteriskcentered}{***}\or
  \protect\ClassError{suftesi}%
  {Too many footnotes per page. \MessageBreak
   Remove the class option 'fewfootnote'\MessageBreak
   Two LaTeX runs required.}
  {Too many footnotes per page. \MessageBreak
   Remove the class option 'fewfootnote'\MessageBreak
   Two LaTeX runs required.}
  \fi
}%
}
\def\thefootnote{\@fnsymbol\c@footnote}%
```

```
\fi
```

The \xfootnote command Prints a footnote with discretionary symbol give in the first argument. Since version 1.3.4 \protected@xdef replaces \xdef.

```
\newcommand*\xfootnote[1][*]{%
  \protected@xdef\@thefnmark{#1}%
    \@footnotemark\@footnotetext}
```

Marginal notes The \marginpar command is redefined according to the look of *Classic Thesis* by André Miede (2011).

```
\let\oldmarginpar\marginpar
\ifSUF@marginpar
  \def\SUF@mpsetup{%
    \itshape
      \footnotesize%
      \parindent=0pt \lineskip=0pt \lineskiplimit=0pt%
      \tolerance=2000 \hyphenpenalty=300 \exhyphenpenalty=300%
      \doublehyphendemerits=100000%
      \finalhyphendemerits=\doublehyphendemerits}
    \renewcommand{\marginpar}[1]{\oldmarginpar%
       [\SUF@mpsetup\raggedleft\hspace{0pt}{#1}]%
       {\SUF@mpsetup\raggedright\hspace{0pt}{#1}}}
\else
  \renewcommand\marginpar[2][]{}
\fi
```

Redefine an internal command of the todonotes package in order to use the class-specific marginal notes when this package is loaded. This redefinition simply substitute \oldmarginpar to \marginpar:

```
\AtBeginDocument{%
\@ifpackageloaded{todonotes}{%
  \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
    \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
      \node [coordinate] (inText) {};%
    \end{tikzpicture}%
      \oldmarginpar[{% Draw note in left margin
      \@todonotes@drawMarginNote%
      \@todonotes@drawLineToLeftMargin%
      }]{% Draw note in right margin
      \@todonotes@drawMarginNote%
      \@todonotes@drawLineToRightMargin%
      }
    }
  }
{\relax}}
```

5.9 The collection structure

```
\ifsuftesi@collection
\newcounter{journalnumber}
\newcounter{journalvolume}
\newcounter{issue}
\newcounter{title}
\setcounter{title}{1}
\newcounter{article}
\setcounter{article}{0}
\setcounter{journalnumber}{0}
\setcounter{tocdepth}{0}
\def\journalname#1{\gdef\@journalname{#1}}
  \def\@journalname{\@latex@warning@no@line{%
    No \noexpand\journalname given}}
\def\journalvolume#1{\gdef\@journalvolume{#1}}
  \def\@journalvolume{\@latex@warning@no@line{%
    No \noexpand\journalvolume given}}
\def\journalnumber#1{\gdef\@journalnumber{#1}}
  \def\@journalnumber{\@latex@warning@no@line{%
    No \noexpand\journalnumber given}}
\def\issue#1{\gdef\@issue{#1}}
  \def\@issue{\@latex@warning@no@line{%
    No \noexpand\issue given}}
\def\journalyear#1{\gdef\@journalyear{#1}}
  \def\@journalyear{\@latex@warning@no@line{%
    No \noexpand\journalyear given}}
\def\journalwebsite#1{\gdef\@journalwebsite{\url{#1}}}
  \def\@journalwebsite{\@latex@warning@no@line{%
    No \noexpand\journalwebsite given}}
\def\thanks#1{\footnotemark\ \protected@xdef\@thanks{%
  \@thanks\protect\footnotetext[\the\c@footnote]{#1}}}
\def\fulljournal{\emph{\@journalname} \@journalnumber, %
  \@issue{} \@journalyear}
\def\issuename#1{\gdef\@issuename{#1}}
\def\collectiontitle#1{\gdef\@collectiontitle{#1}}
  \def\@collectiontitle{\@latex@warning@no@line{%
    No \noexpand\collectiontitle given}}
\def\collectioneditor#1{\gdef\@collectioneditor{#1}}
  \def\@collectioneditor{\@latex@warning@no@line{%
    No \noexpand\collectioneditor given}}
\renewcommand*{\title}[2][]{%
  \gdef\@headtitle{#1}\gdef\@title{#2}\markright{#1}}
    \edef\title{\noexpand\@dblarg
  \expandafter\noexpand\csname\string\title\endcsname}
    \def\@headtitle{--missing title--%
        \protect\ClassWarningNoLine{suftesi}{%
            No \string\title\space given \MessageBreak%
            See the class documentation for explanation}}
    \def\@title{--missing title--%
        \protect\ClassWarningNoLine{suftesi}{%
            No \string\title\space given\MessageBreak%
            See the class documentation for explanation}}
```

```
    \def\@author{--missing author--%
        \protect\ClassWarningNoLine{suftesi}{%
            No \string\author\space given\MessageBreak%
            See the class documentation for explanation}}
\newcommand*\l@title[2]{%
  \ifnum \c@tocdepth >\m@ne
    \addpenalty{-\@highpenalty}%
    \vskip 1.0ex \@plus\p@
    \begingroup
      \parindent \z@ \rightskip \@pnumwidth
      \parfillskip -\@pnumwidth
      \advance\leftskip1em
      \hskip -\leftskip
      #1\nobreak%
    \ifsuftesi@dottedtoc\dotfill%
      \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
        \else
          \ifsuftesi@raggedtoc%
            \nobreak\hskip1em #2 \hfill\null\par
              \else
                \ifsuftesi@pagelefttoc
              \ClassError{suftesi}
                {\MessageBreak
                You can not use tocstyle=leftpage\MessageBreak
                  with structure=collection}
                {You can not use tocstyle=leftpage\MessageBreak
                  with structure=collection}
            \else
          \nobreak\hfill #2\par
        \fi
      \fi
    \fi
      \penalty\@highpenalty
    \endgroup
  \fi}
% \newenvironment{article}
%  {\begingroup
%  \global\let\@thanks\@empty
%  \setcounter{footnote}{0}
%  \refstepcounter{article}
%  \label{begin:\thearticle}
%}
%  {\label{end:\thearticle}\endgroup
%  }
\newenvironment{article}
  {\begingroup
  \setcounter{section}{0}
  \setcounter{footnote}{0}
  \setcounter{figure}{0}
  \setcounter{table}{0}}
  {\label{end:\thearticle}
```

```
    \cleardoublepage
      \global\let\@thanks\@empty
    \endgroup}
\newcommand{\collectiontitlepage}{%
  \thispagestyle{empty}%
    \begingroup
     \centering
       \vspace*{\stretch{1}}

       {\SUF@chaptersize\@collectiontitle\par}
         \vskip5ex

       \@collectioneditor
       \vspace*{\stretch{3}}

    \endgroup
  \clearpage}
\def\frontispiece{\collectiontitlepage}
```

In the collection document structure the articles are treated as chapters but you would not need to print in the table of contents all the sections of every article. So first of all we include in the table of contents only the author and the title of each paper. Anyway the sections inside each paper are numbered as in standard articles:

```
  \setcounter{tocdepth}{0}
  \renewcommand\thesection{%
          \@arabic\c@section}
  \renewcommand\thesubsection{%
          \thesection.\@arabic\c@subsection}
  \renewcommand\thesubsubsection{%
          \thesubsection.\@arabic\c@subsubsection}
  \renewcommand\theparagraph{%
          \thesubsubsection.\@arabic\c@paragraph}
  \renewcommand\thesubparagraph{%
          \theparagraph.\@arabic\c@subparagraph}
  \else
\fi
```

5.10 Title page

The new `\title` command has an optional argument which can be used in the headers.

```
\def\isbn#1{\gdef\@isbn{#1}}
\def\@issn{\@latex@warning@no@line{%
  No \noexpand\isbn given}}
\def\doi#1{\gdef\@doi{#1}}
\def\@doi{\@latex@warning@no@line{%
  No \noexpand\doi given}}
\def\isbn#1{\gdef\@issn{#1}}
\def\@issn{\@latex@warning@no@line{%
  No \noexpand\isbn given}}
\renewcommand*{\title}[2][]{\gdef\@headtitle{#1}\gdef\@title{#2}}
```

```
\edef\title{\noexpand\@dblarg
  \expandafter\noexpand\csname\string\title\endcsname}
\def\@headtitle{--missing title--%
           \protect\ClassWarningNoLine{suftesi}{%
            No \string\title\space given \MessageBreak%
            See the class documentation for explanation}}
\def\@title{--missing title--%
           \protect\ClassWarningNoLine{suftesi}{%
            No \string\title\space given\MessageBreak%
            See the class documentation for explanation}}
\def\@author{--missing author--%
           \protect\ClassWarningNoLine{suftesi}{%
            No \string\author\space given\MessageBreak%
            See the class documentation for explanation}}
\ifsuftesi@collection
\renewcommand\maketitle{\par
  \begingroup
    \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
    \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
    \long\def\@makefntext##1{\parindent 1em\noindent
            \hb@xt@1.8em{%
                \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
    \if@twocolumn
      \ifnum \col@number=\@ne
        \@maketitle
      \else
        \twocolumn[\@maketitle]%
      \fi
    \else
      \newpage
      \global\@topnum\z@ % Prevents figures from going at top of page.
      \@maketitle
    \fi
    \thispagestyle{plain}\@thanks%
  \endgroup
   \setcounter{section}{0}%
%  \setcounter{footnote}{0}%
%  \global\let\thanks\relax
%  \global\let\maketitle\relax
%  \global\let\@maketitle\relax
%  \global\let\@thanks\@empty
%  \global\let\@author\@empty
%  \global\let\@date\@empty
%  \global\let\@title\@empty
%  \global\let\title\relax
%  \global\let\author\relax
%  \global\let\date\relax
   \global\let\and\relax
   \let\thanks\@gobble}
\AtBeginDocument{\def\@maketitle{%
  \refstepcounter{article}
```

```
  \SUF@chaptersize
   \SUF@authortitle@align
    \let\footnote\thanks
     \parindent=0pt
    {\SUF@second\par}%
   \label{begin:\thearticle}
```

Check if you don't use hyperrref provided by Enrico Gregorio (https://tex.stackexchange.com/a/427203/231952):

```
   \@ifundefined{Hy@raisedlink}{\let\texorpdfstring\@firstoftwo}{%
    \xdef\@currentHref{title.\thearticle}%
     \Hy@raisedlink{\hyper@anchorstart{\@currentHref}\hyper@anchorend}%
    }%

   \csname toc@entry@\endcsname
    \begingroup%
    \let\thanks\@gobble
    \addcontentsline{toc}{title}{%
    {\SUF@tocAUT@font{\@author}}\texorpdfstring{\newline}{, }%
    {\SUF@tocTIT@font{\@headtitle}}}
    \endgroup%
    \par\nobreak\vspace{2ex}
    {\SUF@first\par%
    \vskip1.5cm}}%
    }
\else
\ifSUF@titlepage
  \renewcommand\maketitle{%
  \begin{titlepage}
    \let\footnotesize\small
    \let\footnoterule\relax
    \let \footnote \thanks
    \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
    \null\vfil
    \vskip 60\p@
    \begin{center}%
      {\SUF@first\par}%
      \vskip 3em%
      {\lineskip .75em%
        \SUF@second\par}%
        \vskip 1.5em%
      {\SUF@datefont\@date\par}%
    \end{center}\par
    \@thanks
    \vfil\null
  \end{titlepage}%
  \setcounter{footnote}{0}%
  \global\let\thanks\relax
  \global\let\maketitle\relax
  \global\let\@thanks\@empty
  \global\let\@date\@empty
```

```
  \global\let\date\relax
  \global\let\and\relax}
\else
\renewcommand\maketitle{\par
   \begingroup
     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
     \long\def\@makefntext##1{\parindent 1em\noindent
             \hb@xt@1.8em{%
                 \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
     \if@twocolumn
       \ifnum \col@number=\@ne
         \@maketitle
       \else
         \twocolumn[\@maketitle]%
       \fi
     \else
       \newpage
       \global\@topnum\z@% Prevents figures from going at top of page.
       \@maketitle
     \fi
     \thispagestyle{plain}\@thanks
   \endgroup
   \setcounter{footnote}{0}%
   \global\let\thanks\relax
   \global\let\maketitle\relax
   \global\let\@maketitle\relax
   \global\let\@thanks\@empty
   \global\let\@date\@empty
   \global\let\date\relax
   \global\let\and\relax}
\def\@maketitle{%
   \newpage
   \null
   \vskip 2em%
   \begin{center}%
   \let \footnote \thanks
     {\SUF@first\par}%
     \vskip 1.5em%
     {\lineskip .5em%
       \SUF@second\par}%
     \vskip 1em%
     {\SUF@datefont\@date\par}%
   \end{center}%
   \par
   \vskip 1.5em}
  \fi
\fi
```

5.11 Cover page

```
\newcommand{\Ctitle}[1]{\def\@Ctitle{#1}}
\newcommand{\Csubtitle}[1]{\def\@Csubtitle{#1}}
\newcommand{\Cauthor}[1]{\def\@Cauthor{#1}}
\newcommand{\Ceditor}[1]{\def\@Ceditor{#1}}
\newcommand{\Cfoot}[1]{\def\@Cfoot{#1}}
\newcommand{\Cpagecolor}[1]{\def\@Cpagecolor{#1}}
\newcommand{\Ccirclecolor}[1]{\def\@Ccirclecolor{#1}}
\newcommand{\Ctextcolor}[1]{\def\@Ctextcolor{#1}}
\newcommand{\Cfootcolor}[1]{\def\@Cfootcolor{#1}}
\Cauthor{}
\Ctitle{}
\Csubtitle{}
\Ceditor{}
\Cfoot{}
\Cpagecolor{gray!30}
\Ctextcolor{white}
\Cfootcolor{black}
\AtBeginDocument{
\@ifpackageloaded{tikz}{%
\newcommand\makecover[1][]{%
\begin{titlepage}
\begin{tikzpicture}[overlay,remember picture]
  \draw[draw=none,fill=\@Cpagecolor]
    (current page.north west) rectangle (current page.south east);
  \node[anchor=center,yshift=.22\paperwidth] at (current page.center) (c) {};
  \draw[draw=none,fill=gray,#1]
    (c)  circle (.38\paperwidth) ;
  \node[anchor=center] at (c) (author) {%
\parbox{.7\paperwidth}{%
  \centering
    \ifx\@Cauthor\@empty
     \else
       {\scshape\color{\@Ctextcolor}\@Cauthor\\}
       \vspace*{\baselineskip}
     \fi

     \ifx\@Ctitle\@empty
     \else
     {\Huge\bfseries\color{\@Ctextcolor}\@Ctitle\\[1ex]}
     \fi

    \ifx\@Csubtitle\@empty
     \else
       {\smallskip\Large\color{\@Ctextcolor}\@Csubtitle\\}
     \fi

    \ifx\@Ceditor\@empty
     \else
       {\vspace*{2\baselineskip}\color{\@Ctextcolor}\@Ceditor\\}
     \fi}
};
```

```
\ifx\@Cfoot\@empty\else
  \node[xshift=.5\paperwidth,yshift=1cm,
    align=center,text=\@Cfootcolor,anchor=south]
  at (current page.south west) {\@Cfoot};
\fi
\end{tikzpicture}
\end{titlepage}
}
}
{\def\makecover{\ClassError{suftesi}{\MessageBreak%
 ************************************\MessageBreak
 * To use the \noexpand\makecover command\MessageBreak
 * load the 'tikz' package.\MessageBreak
 ************************************}{\MessageBreak%
 ************************************\MessageBreak
 * To use the \noexpand\makecover command\MessageBreak
 * load the 'tikz' package.\MessageBreak
 ************************************}}}
}
```

5.12 Frontispiece

```
\AtBeginDocument{%
\@ifpackagewith{frontespizio}{suftesi}{%
\ifsuftesi@periodical
  \Margini {5.5cm}{7cm}{4.5cm}{0cm}
    \else
\ifsuftesi@periodicalaureo
  \Margini {5.5cm}{7cm}{4.5cm}{0cm}
    \else
\ifsuftesi@compact
  \Margini {4.5cm}{7cm}{4.5cm}{0cm}
    \else
\ifsuftesi@compactaureo
  \Margini {4.5cm}{7cm}{4.5cm}{0cm}
    \else
\ifsuftesi@supercompact
  \Margini {4.5cm}{10cm}{6cm}{1cm}
    \else
\ifsuftesi@supercompactaureo
  \Margini {4.5cm}{10cm}{6cm}{1cm}
    \else
\ifsuftesi@pocketa
  \Margini {4.5cm}{10cm}{6cm}{1cm}
    \else
\ifsuftesi@pocketb
  \Margini {4.5cm}{10cm}{6cm}{1cm}
    \else
\ifsuftesi@pocketc
  \Margini {4.5cm}{10cm}{6cm}{1cm}
    \else
\fi\fi\fi\fi\fi\fi\fi\fi\fi}
```

```
{\@ifpackageloaded{frontespizio}{%
\ifsuftesi@periodical
  \Margini {1cm}{7cm}{5cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@periodicalaureo
  \Margini {1cm}{7cm}{5cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@compact
  \Margini {1cm}{7cm}{6cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@compactaureo
  \Margini {1cm}{7cm}{6cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@supercompact
  \Margini {1cm}{10cm}{8cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@supercompactaureo
  \Margini {1cm}{10cm}{8cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@pocketa
  \Margini {1cm}{10cm}{8cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@pocketb
  \Margini {1cm}{10cm}{8cm}{1cm}
  \Rientro{1cm}
    \else
\ifsuftesi@pocketc
  \Margini {1cm}{10cm}{8cm}{1cm}
  \Rientro{1cm}
    \else
\fi\fi\fi\fi\fi\fi\fi\fi\fi}
{\relax}}}
```

5.13 Colophon

```
\newcommand{\colophon}[3][]{%
  \thispagestyle{empty}
  \null
    \vfill
     \def\next{#2}
         \ifx\next\@empty\else
            \noindent Copyright \copyright{} \the\year~#2\\[1ex]
          Tutti i diritti riservati
        \fi
  \vfill
```

```
  {\small\noindent Questo lavoro \‘e stato composto con \LaTeX{}%
     \def\next{#1}
        \ifx\next\@empty\else su #1
      \fi usando la classe \textsf{suftesi} di
      Ivan Valbusa\index{Valbusa, Ivan}. #3\par}
      \cleardoublepage}
\newcommand{\bookcolophon}[2]{%
  \thispagestyle{empty}
  \null
    \vfill
            \noindent #1
  \vfill
  {\small\noindent #2\par}
      \cleardoublepage}
\newcommand{\artcolophon}[1]{%
\thispagestyle{empty}
  \null
    \vfill
  {\small\noindent #1\par}}
\newcommand{\finalcolophon}[1]{%
\thispagestyle{empty}
  \null\vspace*{\stretch{1}}
  \begin{center}
  \begin{minipage}{.5\textwidth}
  \centering\small #1
  \end{minipage}
  \end{center}
    \vspace*{\stretch{6}}}
```

The \FSPL colophon This command is defined only for the `style=FSPL*` options.

```
\ifsuftesi@FSPL
\newcommand{\FSPLcolophon}[1][\the\year]{%
\begingroup
\thispagestyle{empty}
\null\vspace{\stretch{1}}
\noindent \hskip-.5em\cc #1 \@author%
\vskip1ex

\small\noindent This work is licensed under the Creative Commons
Attribution-NonCommercial-NoDerivs 3.0 Unported License.
To view a copy of this license,
visit http://creativecom mons.org/licenses/by-nc-nd/3.0/.

\endgroup

\begingroup
\footnotesize

\null\vspace{\stretch{1}}

\noindent Typeset with \LaTeX{} in collaboration with the Joint Project
```

```
\emph{Formal Style for PhD Theses with \LaTeX} (University of Verona,
Italy) using the \textsf{suftesi} class by Ivan Valbusa. The text face
is Palatino, designed by Hermann Zapf. The sans serif font is Iwona by
Janusz M.~Nowacki.

\endgroup

\clearpage}
\else
\def\FSPLcolophon{%
 \ClassError{suftesi}
   {\noexpand\FSPLcolophon is defined\MessageBreak
     only for the FSPL styles}
   {\noexpand\FSPLcolophon is defined\MessageBreak
     only for the FSPL styles}}
\fi
```

5.14 Backward compatibility

Two environments to manually typeset the bibliography and the list of shorthands. As the class was initially designed primarily for Italian-speaking users, these two environments have an Italian name. Particularly the list of shorthands relies on `\losname` which defaults to “Sigle” (that means “shorthands”). They are not documented and are made available only for backward compatibility.

```
\newenvironment{bibliografia}{%
  \ifsuftesi@article
    \section*{\refname}
     \addcontentsline{toc}{section}{\refname}
  \else
    \chapter{\bibname}%
  \fi
      \normalfont \list{}{%
      \setlength{\itemindent}{-\parindent}
      \setlength{\leftmargin}{\parindent}
      \setlength{\labelwidth}{0pt}
      \setlength{\parsep}{\parskip}
      \let\makelabel}}
  {\endlist}
\newcommand{\losname}{Sigle}
\newcommand{\itlabel}[1]{\itshape\hbox to 6em{#1}}
\newenvironment{sigle}{%
  \chapter{\losname}
    \normalfont \list{}{%
      \setlength{\labelsep}{0.5em}
      \setlength{\itemindent}{0pt}
      \setlength{\leftmargin}{6em}
      \setlength{\labelwidth}{\leftmargin}
      \setlength{\listparindent}{\parindent}
      \setlength{\parsep}{\parskip}
      \let\makelabel\itlabel}}
```

```
  {\endlist}
```

A command to print an unnumbered introduction at the beginning of the chapter. The `\chapterintroname` defaults to "Introduzione" because the class was initially designed primarily for Italian-speaking users.

```
\ifsuftesi@article
\def\chapterintro{%
\ClassError{suftesi}
  {Command \noexpand\chapterintro is undefined\MessageBreak
     using 'structure=article'}
  {Command \noexpand\chapterintro is undefined\MessageBreak
     using 'structure=article'}}
\else
\def\chapterintro{\@ifstar{%
  \@tempswafalse\@chapterintro}{\@tempswatrue\@chapterintro}}
\def\@chapterintro{\phantomsection
  \if@tempswa\section*{\SUF@fchapterintroname}\fi
  \addcontentsline{toc}{section}{\SUF@fchapterintroname}}
\newcommand{\chapterintroname}[1]{\def\SUF@fchapterintroname{#1}}
\chapterintroname{Introduzione}
\fi
```

5.15 Final settings

```
\ifsuftesi@article
\renewcommand\frontmatter{\ClassError{suftesi}
  {Command \noexpand\frontmatter is undefined\MessageBreak
     using 'structure=article'}
  {Command \noexpand\frontmatter is undefined\MessageBreak
     using 'structure=article'}}
\renewcommand\mainmatter{\ClassError{suftesi}
  {Command \noexpand\mainmatter is undefined\MessageBreak
     using 'structure=article'}
  {Command \noexpand\mainmatter is undefined\MessageBreak
     using 'structure=article'}}
\renewcommand\backmatter{\ClassError{suftesi}
  {Command \noexpand\backmatter is undefined\MessageBreak
     using 'structure=article'}
  {Command \noexpand\backmatter is undefined\MessageBreak
     using 'structure=article'}}
\else
```

Nowadays there is no longer any sense in having a different numbering for the frontmatter pages. For this reason we redefine the `\frontmatter` command in order to obtain Arabic numerals.

```
\renewcommand\frontmatter{\cleardoublepage\@mainmatterfalse}
\renewcommand\mainmatter{\cleardoublepage\@mainmattertrue}
\fi
```

In a previous version the \hemph command was provided to fix a bug in the hyphenation of some italian expressions like "dell'*encyclopaedia*". Now the bug has been fixed by the fixltxhyph package by Claudio Beccari. The \hemph command is provided only for backward compatibility. Note that the fixltxhyph package must be loaded after babel or polyglossia.

```
\@ifpackageloaded{babel}
  {\AtBeginDocument{\RequirePackage{fixltxhyph}}}{}
\@ifpackageloaded{polyglossia}
  {\AtBeginDocument{\RequirePackage{fixltxhyph}}}{}
\let\hemph\emph
```

The first line of all sections is indented by default using XeLaTeX with Italian as the main language. I think that this is incongruous with the LaTeX default. For this reason:

```
\AtBeginDocument{%
\unless\ifPDFTeX% if xetex or luatex
    \let\@afterindenttrue\@afterindentfalse
\fi}
```

Now we switch off extra space after punctuation, in accordance with the habits of European typography, especially the Italian one. The user can restore standard behavior with the \nonfrenchspacing command.

```
\frenchspacing
```

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This bibliography has been typeset with the biblatex-philosophy package, created by the same author of this class.

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Change History

v0.5
General: First public release. The frontispiece of suftesi is now included in the package frontespizio. New option fullplain Changed option sctitles. 1
New command chapnumfont 15
New option elements, nomarginpar, nocrop, sufelements, compact, supercompact 29
v0.6
General: English documentation. Renamed options plain and fullplain to centerheadings and sufplain. 1
New command \artcolophon . . . 26
New command \bookcolophon . . 26
New option authortitle 29
v0.6a
General: Maintenance release, no changes 1
v0.6b
General: Improved full compatibility with XeLaTeX. varioref and footmisc packages are no longer loaded 1

v0.6c
General: Maintenance release, no changes 1
v0.7
General: Maintenance release, no changes. Provided a thesis template 1
v0.8
General: Added macro for using frontespizio package with compact and supercompact options. 1
New option periodical 29
Renewed \title command 23
v0.9
General: Improved compatibility with mathspec 1
New option dottedtoc, raggedtoc 29
v0.9a
General: Added inline option to enumitem package. Deleted centertitle option. Deleted sctitles option. Changed code for toc, lot and lof elements. 1
New command \toclabelspace . 16
New options, defaultparindent, ralignquotation, smallquotation, dottedfootnote, indentlist, alignlist, centerpart, centerchap, centersec, rightpart, rightchap, rightsec, numparpart, numparchap, numparsec, smallcapspart, smallcapschap, smallcapssec, italicpart, italicchap, italicsec, italicsubsec, romanchap, dottedchap, italicheader, tocpageleft, dottedpart, rmstyle(1-6), itstyle(1-12),scstyle(1-12), standardfootnote, smallcapsheader 29
v0.9b
General: Changed standardfootnote option and renamed to footnotestyle 19
New command \xfootnote 20
New option fewfootnotes 19
New option greekfont 10
New option pagestyle 5
New option parindent 6
New option partpage 13
New option quotationfont 21
New option quotestyle 21
New option structure 5
New option tocstyle 15
Restored 11pt and 12pt option to default 1
The epigraph package is no longer loaded 4
The mparhack package is no longer loaded. It is not compatible with crop. 5
v0.9c
General: Maintenance release, no changes 1
v1.0
General: First stable release. Renamed option bozza to draftdate 19
v1.1
General: Added the fixltxhyph package. Documentation updated. . 1
v1.2
General: Maintenance release. Added the \toclabelspace command. . . 1
v1.3
General: New command \FSPLcolophon 29
Updated documentation. Added FSPLa, FSPLb and FSPLc styles. . . 1
v1.4
General: New value periodicalaureo for option pagelayout. Changed code for \xfootnote command. . . 1
v1.5
General: The microtype package is loaded for all engines. Improved compatibility with todonotes package and with mdframed and bookmark packages when using style class option. New option viewmode 1
v1.6
General: New option viewmode. Corrected bugs in the definition of \listoffigures, \listoftables and \tableofcontens commands. Updated documentation. 1
v1.7
General: Renamed viewmode option to version: renamed print value to

draft and added final value. New smallcapsstyle option. 1
v1.8
General: Maintenance release. Corrected a bug in the definition of \appendix 1
v1.9
General: Added italic, smallcaps and sanserif values for captionstyle option. New twocolcontents option. New supercompactaureo page layout. Changed \toclabelspace command and renamed to \toclabelwidth. New collection document structure . 1
v1.9a
General: Maintenance release. Updated greek support. Updated documentation. 1
v1.9b
General: Corrected a bug in “toc”, “lof” and “lot” commands. 1
v1.9c
General: The cbgreek value for the greekfont option allows now to use the full set of the CB Greek font together with the default font (Palatino). 1
v2.0
General: New page layout standardaureo. Enhanced support for LuaLaTeX. Headers settings are now executed \AtBeginDocument. Loaded ifluatex and ifthen packages. Added listparindent to \setlist options. Updated documentation. 1
v2.0.1
General: Corrected a bug in version option. 1
v2.1
General: New option toc⟨*level*⟩font. Updated documentation. Removed \includeart command 1
v2.2
General: Maintenance release. 1
v2.3
General: Maintenance release. 1
v2.4
General: Changed the default font to Cochineal with Linux Biolinum sans serif and Inconsolata monospaced. The Palatino is now loaded with newpxtext and newpxmath. Bera Mono and Iwona have been substituted by Linux Biolinum and Inconsolata. New values for font options: cochineal, libertine, bodoni (greek only). Value compatibility for defaultfont option to get the fonts of suftesi v2.3 or previous. Updated documentation. 1
v2.5
General: Corrected a bug when loading CB Greek fonts. Renamed option documentstructure to structure. Updated documentation. 1
v2.6
General: New mathfont option for non-standard fonts. New command \makecover for printing the cover page. Updated documentation. . . . 1
v2.7
General: New value cscreen for version option. Updated documentation. Removed value elements for options:pagelayout, headerstyle, captionstyle, chapstyle, style; sufelements for option: style. The \chapnumfont command is no longer available. 1
v2.7.1
General: Corrected a bug in v.2.7 (missing some \fi commands). . . . 1
v2.8
General: textcase no longer loaded. Changed definitions of \suftesi@MakeTextLowercase, \SUF@titlesmallcaps, \headbreak, \xheadbreak. 1
v2.9
General: New options tocauthorfont and toctitlefont. Added macros\suftesi@MakeTextTOCLowercase and \SUF@TOCtitlesmallcaps. Improved \xheadbreak command.

New templates book, theses-template-article, theses-template-book. 1
v2.9.1
General: Added libertinust1math package for Libertine font. Added luatex85 for LuaTeX engine 1
v2.9.2
General: Added \protect to \SUF@thechapter and \SUF@thesection in the definitions of \chaptermark and \sectionmark to correct a bug when loading greek option with babel 1
v2.9.3
General: New commands to change the font of the section titles and numbers. 14
Updated documentation. 1
v2.9.4
General: Updated documentation. 1
v2.9.5
General: Restored templates folder. New template book-customize. New mechanism for the appendices through the appendix package. . . 1
v2.9.6
General: New option compacttoc. The appendix page title is printed in the font of the chapters by default. Removed \apepndicesname command. 1
v2.9.6a
General: Maintenance release 1
v2.9.7
General: New option fontsize. The parindent options now accepts arbitrary values. Updated documentation. 1
v2.9.8
General: Removed license restrictions. Updated documentation. 1
v2.9.9
General: Removed a bug with \appendix and roman chapter numbers in table of contents. Updated documentation. 1
v2.9.9a (2.9.10)
General: Corrected a bug using the otherlanguage environment with greekfont option. Updated documentation. 1
v2.9.9b (2.9.11)
General: New page layouts: pocketa, pocketb, pocketc. New commands \breakinbody, \breakinbodyleft, \breakintoc (old names: \headbreak and \xheadbreak). Changed definitions of \appendixpagename, \appendixtocname and \appendixname commands (default: english). The \part command has been completely redefined. Updated documentation. 1
v3.0
General: Improved biblatex support. Updated documentation. 1
v3.0.1
General: Maintenance release. 1
v3.0.2
General: Improved subsecstyle and subsubsecstyle options. 1
v3.1.0
General: Replaced \val\nr with \suftesi@val\suftesi@nr. Corrected a bug with \maketitle in collection structure. New options partialtoc and maketitlestyle. New commands for customizing the partial ToC. New value justify for quotestyle option. Improved quotesize option. Renamed the revauthortitle option to reverseauthortitle. The options titlefont, authorfont, reverseauthortitle now work for every structure. Renewed documentation 1
v3.1.1
General: Redefined some boolean options. Renamed some private commands. Corrected a bug in headers numbering (\protect removed). Disabled automatic partial ToC functionality. Improved fewfootnotes option via zref. Updated documentation. 1

v3.1.2
General: Corrected a bug with reverseauthortitle option. . . . 1
v3.1.3
General: Maintenance release. Moved commands for breaking titles after titletoc settings. Corrected a bug in \maketitle with the collection structure. Added etoolbox, previously removed by mistake. 1
v3.2.0
General: Fixed a bug in \xfootnote command. Fixed a bug occurring when using the \geometry command. 1
v3.2.1
General: Removed substitutefont package (obsolete) and replaced \substitutefont with \DeclareFontFamilySubstitution provided by the LaTeX kernel. Definitions of sufred and sufgray color moved \AtBeginDocument. . 1
v3.2.2
General: Temporarily fixed a conflict between amstext and zref. 1
v3.2.3
General: Fixed an inconsistency relating to indentfirst. 1
v3.2.4
General: cochineal/libertine/palatino option. Removed. 1
v3.2.5
General: Removed zref package and substituted with footnpag. Now, with the fewfootnotes option, if you have more than three footnotes per page, an error will be issued instead of a warning 1
v3.2.6
General: New option loadfontsize to temporarily fix a bug in calculation made by flontsize when loaded by the class. 1

Index

Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

Symbols

\@Alph 2031–2033, 2040–2042
\@Cauthor 3125, 3153, 3155
\@Ccirclecolor . . . 3129
\@Ceditor 3126, 3169, 3171
\@Cfoot 3127, 3174, 3177
\@Cfootcolor 3131, 3176
\@Cpagecolor 3128, 3145
\@Csubtitle 3124, 3164, 3166
\@Ctextcolor 3130, 3155, 3161, 3166, 3171
\@Ctitle 3123, 3159, 3161
\@M 1745, 1759, 1886, 1925, 1948
\@Roman 531, 546, 564, 579, 594, 606, 621, 633
\@afterheading . . . 1958
\@afterindentfalse 1946, 3407
\@afterindenttrue 3407
\@arabic 1704, 1706, 1708, 1710, 1712, 2956, 2958, 2960, 2962, 2964
\@author . . . 801, 805, 1134, 1138, 1237, 1241, 2885, 2987, 3018, 3042, 3305
\@beginparpenalty 1883
\@centercr 2771
\@chap@pppage . . . 1918
\@chapapp 2039
\@chapterintro 3373, 3374
\@collectioneditor . . 2870, 2871, 2948
\@collectiontitle . . . 2867, 2868, 2945
\@currentHref 3035, 3036
\@date . . 3019, 3065, 3074, 3103, 3117
\@dblarg 2875, 2977
\@doi 2970, 2971
\@endparpenalty . . 1886
\@endpart 1756, 1762, 1764, 1779
\@firstoftwo 3034
\@fnsymbol 2783, 2798, 2994, 3056, 3080
\@footnotemark . . . 2802
\@footnotetext . . . 2802

\@headtitle . . . 800, 804, 2874, 2877, 2976, 2979, 3043
\@highpenalty 2891, 2917
\@idxitem 2062
\@ifpackageloaded 1320, 1807, 1836, 2819, 3141, 3223, 3400, 3402
\@ifpackagewith . . 3194
\@ifstar 3372
\@ifundefined . . . 3034
\@isbn 2967
\@issn . 2968, 2973, 2974
\@issue 2853, 2854, 2865
\@issuename 2866
\@journalname 2844, 2845, 2864
\@journalnumber 2850, 2851, 2864
\@journalvolume 2847, 2848
\@journalwebsite 2859, 2860
\@journalyear 2856, 2857, 2865
\@latex@warning@no@line 2845, 2848, 2851, 2854, 2857, 2860, 2868, 2871, 2968, 2971, 2974
\@lowpenalty 1883
\@mainmatterfalse 3397
\@mainmattertrue . 3398
\@makefnmark 2995, 3081
\@makefntext 865, 868, 872, 875, 2996, 3082
\@makeschapterhead 2053
\@maketitle . . 3001, 3003, 3008, 3016, 3026, 3087, 3089, 3094, 3101, 3106
\@mkboth 1810, 1813, 1817, 1821, 1839, 1842, 1846, 1850, 2055, 2496, 2510, 2524, 2543, 2563, 2582
\@part 1731, 1733
\@partialtocaftercode 2481, 2625
\@partialtocafterspace 2482, 2621
\@partialtocbeforecode 2475, 2623
\@partialtocbeforespace 2474, 2619
\@partialtocparfont . . 2458, 2459, 2605
\@partialtocparlabelfont 2458, 2615
\@partialtocsecfont . . 2443, 2444, 2599
\@partialtocseclabel 2443, 2609
\@partialtocsize 2473, 2597
\@partialtocsubparfont . . 2461, 2462, 2607
\@partialtocsubparlabelfont 2461, 2617
\@partialtocsubsecfont 2447, 2448, 2451, 2452, 2601
\@partialtocsubseclabel . . 2447, 2451, 2611
\@partialtocsubsubsecfont . . 2455, 2456, 2603
\@partialtocsubsubseclabel 2455, 2613
\@plus . 2059, 2759, 2892
\@pnumwidth 2894, 2895, 2900
\@restonecolfalse 2046, 2540, 2560, 2579
\@restonecoltrue 2048, 2538, 2558, 2577
\@roman 526, 541, 559, 574, 590, 602, 617, 629
\@sec@pppage 1943
\@spart 1731, 1757
\@starttoc 2500, 2503, 2514, 2517, 2528, 2531, 2549, 2552, 2568, 2571, 2588, 2591
\@tempswafalse 1726, 1921, 3373
\@tempswatrue 1724, 1921, 3373
\@textsuperscript 2995, 2998, 3081, 3084
\@thanks 2862, 2863, 2922, 2937, 3010, 3017, 3067, 3073, 3096, 3102
\@thefnmark 866, 870, 873, 876, 2801, 2995, 2998, 3081, 3084
\@title 1135, 1137, 1238, 1240, 2874, 2881, 2976, 2983, 3020
\@todonotes@drawLineToLeftMargin 2826
\@todonotes@drawLineToRightMargin 2829
\@todonotes@drawMarginNote 2825, 2828
\@todonotes@drawMarginNoteWithLine 2820
\@topnum 3007, 3093

\␣ . . 642, 2707, 2709, 2862

A

\abstractname 1869, 1873, 1885, 1892, 1896, 1903
\addappheadtotoc 1930, 1954
\addfontfeature 1566, 1568, 1570
\addpenalty 2891
\addtolength 2069, 2070
\adjtoclabelsep 1977, 2009, 2071, 2185, 2205, 2222, 2240, 2258, 2346, 2365, 2380, 2396, 2412, 2443, 2447, 2451, 2455, 2458, 2461
\adjtocpagesep 1978, 2010, 2072, 2186, 2206, 2224, 2242, 2260, 2347, 2366, 2382, 2398, 2414,

2444, 2448, 2452, 2456, 2459, 2462
\alph 831, 838, 845
\and ... 3024, 3076, 3105
\appendicesname ... 1908, 1910, 1914
\appendix 1907, 2027, 2035
\appendixname ... 2039
\appendixpagename . 1911, 1913, 1915, 1917, 1928, 1951
\arabic 497, 506, 518, 519, 533, 534, 551, 552, 566, 567, 584, 596, 611, 623, 830, 837, 844
\artcolophon 3286
\AtBeginDocument 97, 1298, 1319, 1337, 1806, 1835, 2068, 2085, 2120, 2291, 2742, 2782, 2818, 3026, 3140, 3193, 3401, 3403, 3405
\AtBeginEnvironment 1907
\AtEndPreamble ... 1509
\author 2887, 2989, 3022
\authorfont 2652

B

\backmatter 3391, 3392, 3394
\baselineskip 67, 1563, 2638, 3156, 3171
\biblistname 1811, 1818, 1824, 1840, 1847, 1853
\bibname 1837, 1843, 1851, 3342
\bookcolophon ... 3278
\breakinbody 2682
\breakinbodyfalse . 2689, 2722, 2723, 2729, 2730
\breakinbodyleft . 2684
\breakinbodytrue . 2679
\breakintoc 2680
\breakintocfalse . 2678
\breakintoctrue .. 2689

C

\c@chapter .. 2040–2042
\c@footnote 2798, 2863, 2994, 3056, 3080
\c@paragraph 1710, 2962
\c@secnumdepth 1734, 1746
\c@section ... 1704, 2031–2033, 2956
\c@subparagraph ... 1712, 2964
\c@subsection 1706, 2958
\c@subsubsection .. 1708, 2960
\c@tocdepth 2890
\captionsetup 880, 885, 887, 889
\Cauthor 3125, 3132
\cc 3305
\Ccirclecolor ... 3129
\Ceditor 3126, 3135
\Cfoot 3127, 3136
\Cfootcolor . 3131, 3139
\chapfont 2642
\chapnumfont 2647
\chapter 1582, 1588, 1648, 1649, 1652, 1653, 1656, 1657, 1660, 1661, 1664, 1665, 1668, 1669, 1672, 1673, 1676, 1677, 1680, 1681, 1683, 1685, 1696, 1697, 1699, 1838, 1841, 1844, 1848, 1852, 1854, 2542, 2562, 2581, 3342, 3354
\chapterintro 3365, 3367, 3369, 3372
\chapterintroname . 3377, 3378
\chaptermark 2706
\chaptertitlename 2707
\ClassError 1322, 1696, 1909, 2074, 2788, 2906, 3183, 3331, 3366, 3381, 3386, 3391
\ClassWarningNoLine 50, 52, 54, 56, 58, 60, 1199, 1211, 1221, 1233, 1340, 1348, 1375, 1418, 2488, 2878, 2882, 2886, 2980, 2984, 2988
\clear@ppage 1919
\cleardoublepage .. 1716, 2936, 3277, 3285, 3397, 3398
\clearpage ... 1718, 2063, 2952, 3328
\col@number . 3000, 3086
\collectioneditor 2870, 2872
\collectiontitle 2867, 2869
\collectiontitlepage 2939, 2953
\colophon 3262
\columnsep 2061
\columnseprule ... 2060
\contentsmargin 2119, 2472
\contentsname 2495, 2496, 2542, 2544, 2545
\contentspage 2005, 2024, 2342, 2361, 2376, 2392, 2408, 2424, 2432, 2439
\copyright 3268
\Cpagecolor . 3128, 3137
\crop 97, 1311
\csname 861, 2069, 2070, 2876, 2978, 3038
\Csubtitle .. 3124, 3134
\Ctextcolor . 3130, 3138
\Ctitle 3123, 3133

D

\date .. 3023, 3075, 3104
\datefont 2653
\DeclareFontFamily .. 1517, 1531, 1545
\DeclareFontFamilySubstitution 1510
\DeclareFontShape . 1518–1525, 1527–1529, 1532–1539,

1541–1543, 1546–1552, 1554–1556
\DeclareOptionX . 65, 66
\DeclareRobustCommand 155–159, 170–174, 186–190, 203–207, 220–224, 237–241, 254–258, 271–275, 288–292, 306–310, 324–328, 1511, 1565, 1567, 1569, 1572, 1574, 1576, 2680, 2682, 2684, 2692, 2694, 2696
\DeclareTextFontCommand 1514
\defbibheading 1808, 1811, 1814, 1818, 1822, 1824, 1826, 1828, 1831, 1837, 1840, 1843, 1847, 1851, 1853, 1855, 1858, 1862
\define@boolkey 99–102, 723, 878
\define@choicekey 72, 87, 103, 118, 128, 141, 151, 341, 359, 377, 395, 413, 431, 440, 449, 458, 467, 476, 485, 494, 515, 548, 581, 608, 635, 651, 694, 724, 733, 742, 751, 760, 769, 778, 787, 808, 827, 851, 862, 881, 891, 1122, 1131, 1141, 1152, 1161, 1170, 1179, 1188, 1197, 1209, 1219, 1231
\definecolor 1299, 1300
\disable@keys 75, 1078, 1096, 1115
\doi 2970, 2972
\dotfill 2899
\doublehyphendemerits 2810, 2811
\draw 3145, 3148

E

\emph . . 2864, 3321, 3404
\encodingdefault . 1513
\endcsname 861, 2069, 2070, 2876, 2978, 3038
\endlist . 2763, 2769, 2779, 3350, 3363
\endquotation 1877, 1900
\ExecuteOptionsX 67, 1244
\exhyphenpenalty . 2809

F

\f@series 1512
\f@shape 1512
\fancyfoot . . . 2713, 2714, 2717, 2718, 2721, 2724, 2727
\fancyhead . . . 2722, 2723, 2728–2730
\fancyhf . 2713, 2714, 2716, 2720, 2726
\fancypagestyle 2713–2715, 2719, 2725
\finalcolophon . . . 3291
\finalhyphendemerits 2811
\fontencoding . . . 1337
\footnote 3030, 3055, 3111
\footnotemark . . . 2862
\footnoterule 2744, 3054
\footnotesize 642, 2626, 2702, 2718, 2722–2724, 2728–2730, 2807, 3053, 3316
\footnotetext . . . 2863
\frenchspacing . . . 3409
\frontispiece . . . 2953
\frontmatter . 3381, 3382, 3384, 3397
\FSPLcolophon 3301, 3330, 3332, 3334
\fulljournal 2864

G

\gdef 1359, 1362, 1365, 1402, 1405, 1408, 1442, 1445, 1448, 1472, 1475, 1478, 2031, 2032, 2039–2041, 2844, 2847, 2850, 2853, 2856, 2859, 2866, 2867, 2870, 2874, 2967, 2970, 2973, 2976
\global 2922, 2937, 3007, 3014–3024, 3071–3076, 3093, 3099–3105
\greektext . . 1511, 1514

H

\hb@xt@ 2900, 2997, 3083
\headbreak 2692
\headrulewidth . . . 2743
\hemph 3404
\hfill 2903, 2913
\hss . . . 2900, 2998, 3084
\Huge 3161
\Hy@raisedlink . . . 3036
\hyper@anchorend . 3036
\hyper@anchorstart 3036
\hyphenpenalty . . . 2809

I

\if@dotoc@pp 1929, 1953
\if@mainmatter . . . 2741
\if@openright 1715, 1768, 1781, 1934
\if@restonecol 2063, 2554, 2573, 2593
\if@tempswa . . 1775, 1787, 1940, 3375
\if@twocolumn 1722, 1868, 1877, 1891, 1900, 1921, 2045, 2537, 2557, 2576, 2999, 3085
\ifbreakinbody 2679, 2683, 2685, 2695, 2697
\ifbreakintoc 2678, 2681, 2693
\ifLuaTeX 1303
\ifPDFTeX 1318, 1491, 1564, 3406
\ifSUF@draftdate . 2701
\ifSUF@fewfootnotes 2780
\ifSUF@marginpar . 2804
\ifSUF@partialtoc 2441
\ifSUF@partpage 1714, 1728, 1765

\ifSUF@titlepage 1879, 3050
\ifsuftesi@artemisia . 12, 1361, 1404, 1444, 1474, 1493
\ifsuftesi@article 2, 1695, 1763, 1805, 1986, 2017, 2023, 2026, 2050, 2194, 2300, 2354, 2360, 2445, 2463, 2476, 2492, 2708, 2731, 3338, 3364, 3380
\ifsuftesi@authortitle 30, 2732
\ifsuftesi@bodoni . . 13, 1358, 1401, 1441, 1471, 1499
\ifsuftesi@cbgreek 14, 1367, 1410, 1502, 1515
\ifsuftesi@centerheader 29, 2745
\ifsuftesi@cochineal 5, 1454
\ifsuftesi@collection . 3, 1866, 2834, 2991
\ifsuftesi@compact 19, 1655, 3201, 3232
\ifsuftesi@compactaureo 20, 1659, 3204, 3236
\ifsuftesi@ctocpar 45, 2238, 2394
\ifsuftesi@ctocsec 42, 1975, 2007, 2183, 2344
\ifsuftesi@ctocsubpar 46, 2256, 2410
\ifsuftesi@ctocsubsec 43, 2203, 2363
\ifsuftesi@ctocsubsubsec 44, 2220, 2378
\ifsuftesi@dottedtoc 36, 2899
\ifsuftesi@FSPL 47, 1307, 3300
\ifsuftesi@greekfont . 10, 1339, 1347, 1357, 1400, 1492
\ifsuftesi@libertine 6, 1426
\ifsuftesi@lmodern 4, 1345
\ifsuftesi@loadfontsize 48, 69
\ifsuftesi@mathextended 16, 1388, 1430, 1459
\ifsuftesi@mathminimal 15, 1393, 1435, 1464
\ifsuftesi@mathpazo 8, 1353
\ifsuftesi@nofont 9, 1338
\ifsuftesi@numparchap 32, 1581, 1594
\ifsuftesi@numparpart 31, 1749
\ifsuftesi@numparsec 33, 1600
\ifsuftesi@numparsubsec 34, 1615
\ifsuftesi@numparsubsubsec 35, 1630
\ifsuftesi@pagelefttoc 38, 1960, 2118, 2905
\ifsuftesi@palatino 7, 1383
\ifsuftesi@periodical 17, 1647, 3195, 3224
\ifsuftesi@periodicalaureo 18, 1651, 3198, 3228
\ifsuftesi@pocketa 23, 1671, 3213, 3248
\ifsuftesi@pocketb 24, 1675, 3216, 3252
\ifsuftesi@pocketc 25, 1679, 3219, 3256
\ifsuftesi@porson . . 11, 1364, 1407, 1447, 1477, 1496
\ifsuftesi@raggedtoc 37, 2902
\ifsuftesi@screen 26, 1310
\ifsuftesi@screencentered 28, 1312
\ifsuftesi@sufplain 27, 2748
\ifsuftesi@supercompact 21, 1663, 3207, 3240
\ifsuftesi@supercompactaureo 22, 1667, 3210, 3244
\ifsuftesi@twocolumnlof 40, 2512, 2566
\ifsuftesi@twocolumnlot 41, 2526, 2586
\ifsuftesi@twocolumntoc 39, 2498, 2547
\ignorespaces 2762, 2768
\index 3276
\indexname 2051, 2053, 2055
\interlinepenalty 1745, 1759, 1925, 1948
\isbn 2967, 2969, 2973, 2975
\issue 2853, 2855
\issuename 2866
\item 2062, 2760, 2767, 2777
\itemindent 2757, 2773, 2774, 3345, 3357
\itemsep 2772
\itlabel 3352, 3362
\itshape 436, 445, 454, 463, 472, 481, 490, 729, 738, 747, 756, 765, 774, 783, 815, 816, 826, 1157, 1166, 1175, 1184, 1193, 2627, 2806, 3352

J

\journalname 2844, 2846
\journalnumber 2850, 2852
\journalvolume 2847, 2849
\journalwebsite 2859, 2861
\journalyear 2856, 2858

L

\l@title 2889
\label 2925, 2927, 2935, 3033
\labelsep 3356
\labelwidth . 3347, 3359
\LARGE 1148
\Large 155, 156, 170, 171, 3166

\LaTeX . 3272, 3320, 3321
\leftmargin 854, 856, 858, 2775, 2776, 3346, 3358, 3359
\leftmark 2741
\leftskip 869, 2896, 2897
\lineskip 2808, 3062, 3114
\lineskiplimit . . . 2808
\list . . . 2756, 2765, 2772, 3344, 3355
\listfigurename 2509, 2510, 2562–2564
\listoffigures 2507, 2556
\listoftables 2521, 2575
\listparindent 2756, 2757, 2774, 3360
\listtablename 2523, 2524, 2581, 2583, 2584
\lmfntscale . 1368, 1411
\LoadClass 64
\losname 3351, 3354
\lowercase 145

M

\mainmatter 1907, 3386, 3387, 3389, 3398
\makecover . . . 3142, 3183, 3185, 3189
\makelabel . . 3349, 3362
\MakeLowercase 144
\maketitle 2992, 3015, 3051, 3072, 3078, 3100
\Margini 3196, 3199, 3202, 3205, 3208, 3211, 3214, 3217, 3220, 3225, 3229, 3233, 3237, 3241, 3245, 3249, 3253, 3257
\marginpar 2803, 2812, 2816
\markboth 1743, 1923, 1952, 2707
\markright . . . 1857, 1861, 2709, 2874
Miede, André 89

N

\newcounter 2835–2838, 2840
\newlength . . . 1562, 1579, 2065, 2083, 2086–2093, 2121–2136, 2292–2299
\newline 2685, 2697, 3042
\noappendicestocpagenum 1905
\nobreak 1956, 2898, 2900, 2903, 2913, 3045
\node 2822, 3147, 3150, 3175
\noindent 1748, 1755, 1761, 2762, 2996, 3082, 3268, 3272, 3282, 3284, 3290, 3305, 3308, 3320

O

\oldmarginpar 2803, 2812, 2824
\onecolumn 1723, 1921, 2063, 2538, 2558, 2577
\origtableofcontents 2686, 2690

P

\p@ 2059, 2061, 2759, 2892, 3058
\pagestyle 2746, 2749, 2751
\paragraph . . 1791, 1797
\parfillskip 2895
\parsep 2759, 3348, 3361
\parskip 2059, 3348, 3361
\part 1713
\partfont 2641
\partialtocaftercode 2624, 2640
\partialtocafterspace 2620, 2638
\partialtocbeforecode 2622, 2639
\partialtocbeforespace 2618, 2637
\partialtocparfont 2604, 2630
\partialtocparlabelfont 2614, 2635
\partialtocsecfont 2598, 2627
\partialtocseclabel 2608, 2632
\partialtocsize 2596, 2626
\partialtocsubparfont 2606, 2631
\partialtocsubparlabelfont 2616, 2636
\partialtocsubsecfont 2600, 2628
\partialtocsubseclabel 2610, 2633
\partialtocsubsubsecfont 2602, 2629
\partialtocsubsubseclabel 2612, 2634
\partname 1748, 2113, 2655
\partnumfont 2646
\PassOptionsToClass 61
\penalty 2917
\phantomsection . . 3374
Poll, Philipp H. 8
\printcontents 2477, 2479
\printpartialtoc 2470, 2487, 2489
\ProcessOptionsX 68, 1293
\protect . 2788, 2863, 2878, 2882, 2886, 2980, 2984, 2988
\protected@xdef 2801, 2862

Q

\quotation . . 1875, 1898

R

\raggedleft 2813
\raggedright 1947, 2057, 2814
\refname . 1808, 1814, 1822, 1826, 1828, 1831, 1855, 1858, 1862, 3339, 3340
\refstepcounter 1735, 2924, 3027

\renewenvironment 2044, 2755, 2764, 2770
\Rientro 3226, 3230, 3234, 3238, 3242, 3246, 3250, 3254, 3258
\rightmargin . 854, 2775
\rightmark 790, 794, 2741
\rightskip 2894
\rlap 2995, 3081
\rmdefault 1510
\Roman 503, 512, 528, 529, 543, 544, 561, 562, 576, 577, 592, 604, 619, 631
\roman 500, 509, 523, 524, 538, 539, 556, 557, 571, 572, 588, 600, 615, 627, 832, 839, 846

S

\secdef 1731
\secfont 2643
\secnumfont 2648
\section 1601, 1606, 1608, 1613, 1809, 1812, 1815, 1819, 1823, 1825, 1856, 1859, 1863, 1869, 1892, 2051, 2495, 2509, 2523, 3339, 3375
\sectionmark 2709, 2711
\sectionsep . . 1562, 1563, 1606, 1613, 1621, 1628, 1636, 1643, 1797, 1804
\setlength 66, 1563, 1595, 1597, 2066, 2084, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2137, 2139, 2141, 2143, 2145, 2147, 2149, 2151, 2153, 2155, 2157, 2159, 2161, 2163, 2165, 2167, 2301, 2303, 2305, 2307, 2309, 2311, 2313, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 3345–3348, 3356–3361
\setlist 824–826, 830–835, 837–842, 844–849
\sfdefault 1356
\small . . 1145, 1146, 1150, 1871, 1894, 3053, 3272, 3284, 3290, 3296, 3308
\smallskip 3166
\startchappartialtoc 1583, 1589, 2465, 2467, 2485
\startcontents 2464, 2467
\startsecpartialtoc 1602, 1609, 2464, 2468, 2486
\subparagraph 1798, 1804
\subsecfont 2644
\subsecnumfont . . . 2649
\subsection . . 1616, 1621, 1623, 1628, 1827, 1829, 1832
\subsubsecfont . . . 2645
\subsubsecnumfont 2650
\subsubsection 1631, 1636, 1638, 1643
\SUF@addto@tochang@chap 1966, 1972, 2129, 2153, 2156, 2166, 2168, 2174, 2180
\SUF@addto@tochang@fig . . 2135, 2165, 2278
\SUF@addto@tochang@par 2133, 2161, 2164, 2248, 2252
\SUF@addto@tochang@sec 1984, 1991, 2130, 2155, 2158, 2192, 2199
\SUF@addto@tochang@subpar 2134, 2163, 2266, 2270
\SUF@addto@tochang@subsec 2131, 2157, 2160, 2212, 2216
\SUF@addto@tochang@subsubsec 2132, 2159, 2162, 2230, 2234
\SUF@addto@tochang@tab . . 2136, 2167, 2286
\suf@appendixtoc 1959, 2028, 2036
\SUF@authorfont 1134, 1138, 1164, 1166, 1168, 1237, 1241, 2652
\SUF@authorstyle 1134, 1138, 1145, 1149, 1237, 1241, 2652
\SUF@authortitle@align 1125, 1127, 1129, 1225, 1227, 1229, 3029
\SUF@CHAP@align . . . 362, 364, 366, 368, 371, 374, 1583, 1589
\SUF@CHAP@contentslabel 521, 526, 531, 536, 541, 546, 2176, 2337, 2665
\SUF@CHAP@font 443, 445, 447, 1586, 1592, 1928, 1951, 2642
\SUF@chapbeforesep 1579, 1595, 1597, 1648, 1652, 1656, 1660, 1664, 1668, 1672, 1676, 1680, 1684
\SUF@chapswitch . 77, 81, 85, 551, 556, 561, 566, 571, 576
\SUF@chaptersize 156, 171, 187, 204, 221, 238, 255, 272, 289, 307, 325, 1144, 1583, 1589, 1927, 1950, 2945, 3028
\SUF@chaptitlerule 639, 643, 647, 2005, 2023, 2342, 2360
\SUF@datefont 1146, 1150,

1173, 1175, 1177, 2653, 3065, 3117
\SUF@default@CHAPTER 1580, 1645
\SUF@default@SECTIONS 1599, 1646
\SUF@dotchap 520, 525, 530, 535, 540, 545, 1584, 1590
\SUF@dotpart 498, 501, 504, 507, 510, 513, 1738, 1748
\SUF@dotsec 553, 558, 563, 568, 573, 578, 1603, 1610
\SUF@dotsubsec 585, 589, 593, 597, 601, 605, 1618, 1625
\SUF@dotsubsubsec . 612, 616, 620, 624, 628, 632, 1633, 1640
\SUF@fchapterintroname 3375–3377
\SUF@first . . . 1134, 1137, 1237, 1240, 3046, 3060, 3112
\SUF@greekfamily . . 1494, 1497, 1500, 1503, 1510, 1512
\SUF@HEAD@thechapter 519, 524, 529, 534, 539, 544, 2041, 2707
\SUF@HEAD@thesection 552, 557, 562, 567, 572, 577, 2032, 2709
\SUF@headersmallcaps 819–821, 1569, 1576
\SUF@label@chap 1967, 2000, 2065, 2066, 2095, 2097, 2138, 2166, 2168, 2175, 2302, 2312, 2314, 2317, 2329, 2331, 2337
\SUF@label@fig 2092, 2106, 2430
\SUF@label@par 2090, 2102, 2105, 2146, 2162, 2249, 2308, 2325, 2403, 2404, 2406
\SUF@label@part 2086, 2094, 2113
\SUF@label@sec 1985, 1988, 2015, 2016, 2019, 2021, 2087, 2096, 2099, 2107, 2109, 2140, 2156, 2166, 2168, 2193, 2196, 2319, 2329, 2331, 2352, 2353, 2356, 2358
\SUF@label@subpar 2091, 2104, 2148, 2164, 2267, 2310, 2327, 2419, 2420, 2422
\SUF@label@subsec 2088, 2098, 2101, 2142, 2158, 2213, 2304, 2321, 2371, 2372, 2374
\SUF@label@subsubsec 2089, 2100, 2103, 2144, 2160, 2231, 2306, 2323, 2387, 2388, 2390
\SUF@label@tab 2093, 2108, 2279, 2287, 2437
\SUF@leftmark 791, 795, 801, 805, 2733, 2738
\SUF@leftrightmark 791, 795, 2740
\SUF@Lheadstyle 791, 795, 801, 805, 812, 816, 820
\SUF@MakeLowercase . 144, 147, 1568, 1570, 1575, 1577
\SUF@mark 2723, 2730, 2733, 2735, 2738
\SUF@mpsetup 2805, 2813, 2814
\SUF@PAR@contentslabel . . 2240, 2396, 2673
\SUF@PAR@font 479, 481, 483, 1795
\SUF@PART@align . . . 344, 346, 348, 350, 353, 356, 1744, 1758
\SUF@PART@contentslabel 2114
\SUF@PART@font 434, 436, 438, 1748, 1755, 1761, 2641, 2646
\SUF@partsize . 155, 170, 186, 203, 220, 237, 254, 271, 288, 306, 324, 1744, 1758
\SUF@pcorrect . 661, 662, 670, 671, 678, 679, 685, 686, 691, 692, 2239, 2257, 2395, 2411
\SUF@quotation@size 861, 2761, 2768, 2778
\SUF@quote@style 854, 856, 858, 2758, 2766
\SUF@Rheadstyle . . . 790, 794, 800, 804, 811, 815, 819
\SUF@rightmark 790, 794, 800, 804, 2722, 2729, 2735
\SUF@SEC@align 380, 382, 384, 386, 389, 392, 1602, 1609
\SUF@SEC@contentslabel 554, 559, 564, 569, 574, 579, 2185, 2196, 2346, 2356, 2667
\SUF@SEC@font 452, 454, 456, 1605, 1612, 2643
\SUF@second . . 1135, 1138, 1238, 1241, 3032, 3063, 3115
\SUF@sectionsize 157, 172, 188, 205, 222, 239, 256, 273, 290, 308, 326, 1602, 1609
\SUF@sscorrect 659, 668, 676, 683, 689, 2204, 2364
\SUF@sssccorrect . . . 660, 669, 677, 684, 690, 2221, 2379
\SUF@SUBPAR@contentslabel . . 2258, 2412, 2675

\SUF@SUBPAR@font . . . 488, 490, 492, 1802
\SUF@SUBSEC@align . 398, 400, 402, 404, 407, 410, 1617, 1624
\SUF@SUBSEC@contentslabel 586, 590, 594, 598, 602, 606, 2205, 2213, 2365, 2372, 2669
\SUF@SUBSEC@font 461, 463, 465, 1620, 1627, 2644
\SUF@subsectionsize 158, 173, 189, 206, 223, 240, 257, 274, 291, 309, 327, 1617, 1624, 1632, 1639
\SUF@SUBSUBSEC@align 416, 418, 420, 422, 425, 428, 1632, 1639
\SUF@SUBSUBSEC@contentslabel 613, 617, 621, 625, 629, 633, 2222, 2231, 2380, 2388, 2671
\SUF@SUBSUBSEC@font 470, 472, 474, 1635, 1642, 2645
\SUF@subsubsectionsize . . 159, 174, 190, 207, 224, 241, 258, 275, 292, 310, 328
\SUF@thechapter 518, 523, 528, 533, 538, 543, 1584, 1590, 2040, 2647
\SUF@thepage 813, 817, 821, 2718, 2724, 2728
\SUF@thepart 497, 500, 503, 506, 509, 512, 1737, 1748
\SUF@thesection 551, 556, 561, 566, 571, 576, 584, 588, 592, 596, 600, 604, 1603, 1610, 2031, 2648
\SUF@thesubsection . . 584, 588, 592, 596, 600, 604, 611, 615, 619, 623, 627, 631, 1618, 1625, 2649
\SUF@thesubsubsection 611, 615, 619, 623, 627, 631, 1633, 1640, 2650
\SUF@titlefont 1135, 1137, 1155, 1157, 1159, 1238, 1240, 2651
\SUF@titlepagefalse 80
\SUF@titlepagetrue 76
\SUF@titlerule 638, 642, 646, 2024, 2361, 2376, 2392, 2408, 2424, 2432, 2439
\SUF@titlesmallcaps 438, 447, 456, 465, 474, 483, 492, 1159, 1168, 1177, 1567, 1574
\SUF@titlestyle 1135, 1137, 1144, 1148, 1238, 1240, 2651
\SUF@tocAUT@font 1191, 1193, 1195, 3042
\SUF@tocCHAP@font . . . 736, 738, 740, 1969, 1972, 2002, 2004, 2177, 2180, 2339, 2341, 2657
\SUF@tochang . 2083, 2084, 2138, 2154
\SUF@tochang@chap 1962, 1964, 1970, 1976, 2121, 2137, 2140, 2150, 2152, 2170, 2172, 2178, 2184
\SUF@tochang@fig 2127, 2149, 2275, 2277
\SUF@tochang@par 2125, 2145, 2148, 2245, 2247, 2251, 2257
\SUF@tochang@sec 1981, 1983, 1990, 2122, 2139, 2142, 2189, 2191, 2198, 2204
\SUF@tochang@subpar 2126, 2147, 2263, 2265, 2269
\SUF@tochang@subsec 2123, 2141, 2144, 2209, 2211, 2215, 2221
\SUF@tochang@subsubsec 2124, 2143, 2146, 2227, 2229, 2233, 2239
\SUF@tochang@tab 2128, 2151, 2283, 2285
\SUF@tocindent@chap 1997, 1999, 2003, 2008, 2292, 2316, 2319, 2329, 2331, 2334, 2336, 2340, 2345
\SUF@tocindent@fig 2298, 2311, 2328, 2427, 2429
\SUF@tocindent@par 2296, 2307, 2310, 2324, 2327, 2401, 2411
\SUF@tocindent@sec 2013, 2293, 2301, 2304, 2318, 2321, 2350, 2364
\SUF@tocindent@subpar 2297, 2309, 2326, 2417
\SUF@tocindent@subsec 2294, 2303, 2306, 2320, 2323, 2369, 2379
\SUF@tocindent@subsubsec 2295, 2305, 2308, 2322, 2325, 2385, 2395
\SUF@tocindent@tab 2299, 2313, 2330, 2434, 2436
\SUF@toclabelnum 1986, 2017, 2194, 2354

\SUF@TOCMakeLowercase 145, 148, 1566, 1573
\SUF@tocPAR@font 772, 774, 776, 2241, 2250, 2253, 2397, 2405, 2407, 2661
\SUF@tocPART@font 727, 729, 731, 1738, 1741, 2114, 2115, 2656
\SUF@tocpartname 1737, 2654
\SUF@tocPARTnum@font 1737, 2663
\SUF@tocSEC@font 745, 747, 749, 1977, 1989, 1992, 2009, 2020, 2022, 2185, 2197, 2200, 2346, 2347, 2357, 2359, 2658
\SUF@tocSUBPAR@font 781, 783, 785, 2259, 2268, 2271, 2413, 2421, 2423, 2662
\SUF@tocSUBSEC@font 754, 756, 758, 2205, 2214, 2217, 2365, 2366, 2373, 2375, 2659
\SUF@tocSUBSUBSEC@font 763, 765, 767, 2223, 2232, 2235, 2381, 2389, 2391, 2660
\SUF@tocTIT@font 1182, 1184, 1186, 3043
\SUF@TOCtitlesmallcaps 731, 740, 749, 758, 767, 776, 785, 1186, 1195, 1565, 1572
\SUF@versionof 2702, 2704, 2713, 2714, 2717, 2721, 2727
\SUFfntscale 1359, 1362, 1365, 1402, 1405, 1408, 1442, 1445, 1448, 1472, 1475, 1478, 1518–1525, 1527–1529, 1532–1539, 1541–1543, 1546–1552, 1554–1556
\suftesi@artemisiatrue 133
\suftesi@articletrue 79
\suftesi@authortitletrue 799, 803
\suftesi@bodonitrue 137
\suftesi@cbgreektrue 139
\suftesi@centerheadertrue 793, 806
\suftesi@cochinealtrue 108
\suftesi@collectiontrue 83
\suftesi@compactaureotrue 236
\suftesi@compacttrue 219
\suftesi@ctocpartrue . . 657, 666, 674, 681
\suftesi@ctocsectrue 654
\suftesi@ctocsubpartrue 658, 667, 675, 682, 688
\suftesi@ctocsubsectrue 655, 664
\suftesi@ctocsubsubsectrue 656, 665, 673
\suftesi@dottedtoctrue 641
\suftesi@FSPLtrue . . . 1069, 1086, 1104
\suftesi@greekfontfalse 131, 1342, 1343, 1350, 1351
\suftesi@greekfonttrue . . 133, 135, 137, 139
\suftesi@libertinetrue 110
\suftesi@lmoderntrue 114
\suftesi@loadfontsizetrue 65
\suftesi@mathextendedfalse 122
\suftesi@mathextendedtrue 126
\suftesi@mathminimalfalse 121
\suftesi@mathminimaltrue 124
\suftesi@mathpazotrue 116
\suftesi@nofonttrue 106
\suftesi@nr . . 72, 74, 87, 89, 103, 105, 118, 120, 128, 130, 141, 143, 151, 154, 341, 343, 359, 361, 377, 379, 395, 397, 413, 415, 431, 433, 440, 442, 449, 451, 458, 460, 467, 469, 476, 478, 485, 487, 494, 496, 515, 517, 548, 550, 581, 583, 608, 610, 635, 637, 651, 653, 694, 696, 724, 726, 733, 735, 742, 744, 751, 753, 760, 762, 769, 771, 778, 780, 787, 789, 808, 810, 827, 829, 851, 853, 862, 864, 881, 883, 891, 899, 1122, 1124, 1131, 1133, 1141, 1143, 1152, 1154, 1161, 1163, 1170, 1172, 1179, 1181, 1188, 1190, 1197, 1202, 1209, 1214, 1219, 1224, 1231, 1236
\suftesi@numparchaptrue 369, 372, 375
\suftesi@numparparttrue 351, 354, 357
\suftesi@numparsectrue 387, 390, 393
\suftesi@numparsubsectrue 405, 408, 411
\suftesi@numparsubsubsectrue 423, 426, 429

\suftesi@pagelefttoctrue 649
\suftesi@palatinotrue 112
\suftesi@periodicalaureotrue 202, 1068, 1085, 1103
\suftesi@periodicaltrue 185
\suftesi@pocketatrue 287
\suftesi@pocketbtrue 305
\suftesi@pocketctrue 323
\suftesi@porsontrue 135
\suftesi@raggedtoctrue 645
\suftesi@screencenteredtrue 93
\suftesi@screentrue 90, 92
\suftesi@sufplaintrue 797
\suftesi@supercompactaureotrue 270
\suftesi@supercompacttrue 253
\suftesi@twocolumnloftrue . . 700, 707, 714, 719
\suftesi@twocolumnlottrue . . 703, 711, 715, 720
\suftesi@twocolumntoctrue . . 697, 706, 710, 718
\suftesi@val . . . 72, 87, 103, 118, 128, 141, 151, 341, 359, 377, 395, 413, 431, 440, 449, 458, 467, 476, 485, 494, 515, 548, 581, 608, 635, 651, 694, 724, 733, 742, 751, 760, 769, 778, 787, 808, 827, 851, 862, 881, 891, 1122, 1131, 1141, 1152, 1161, 1170, 1179, 1188, 1197, 1209, 1219, 1231

T

\tableofcontents 2493, 2536, 2686, 2687
\texorpdfstring 3034, 3042
\textasteriskcentered 2784–2787
\textbullet 824
\textgreek 1514
\textls 1573, 1575, 1577
\textnormal . . 1618, 1625, 1633, 1640
\TextOrMath . 2784–2786
\textsc . . . 500, 509, 523, 524, 526, 538, 539, 541, 556, 557, 559, 571, 572, 574, 588, 590, 600, 602, 615, 617, 627, 629
\textsf 3275, 3322
\textsuperscript . 876
\texttt 2702
\thanks 800, 801, 804, 805, 2862, 3014, 3025, 3030, 3040, 3055, 3071, 3099, 3111
\thearticle 2925, 2927, 2935, 3033, 3035
\thechapter . . 77, 2042
\thecontentslabel . . . 521, 526, 531, 536, 541, 546, 554, 559, 564, 569, 574, 579, 586, 590, 594, 598, 602, 606, 613, 617, 621, 625, 629, 633, 1968, 1977, 1987, 1988, 2000, 2009, 2018, 2019, 2195, 2249, 2267, 2279, 2287, 2355, 2404, 2420, 2430, 2437, 2609, 2611, 2613, 2615, 2617, 2665, 2667, 2669, 2671, 2673, 2675
\thecontentspage . . 1965, 1971, 1978, 1984, 1991, 2010, 2173, 2179, 2186, 2192, 2199, 2206, 2212, 2216, 2224, 2230, 2234, 2242, 2248, 2252, 2260, 2266, 2270, 2278, 2286, 2347, 2366, 2382, 2398, 2414, 2444, 2448, 2452, 2456, 2459, 2462
\thefootnote . 2798, 2994, 3056, 3080
\thepage . . 813, 817, 821
\theparagraph 1709, 1712, 1793, 2961, 2964
\thesection 1703, 1706, 2033, 2955, 2958
\thesubparagraph 1711, 1800, 2963
\thesubsection 1705, 1708, 2957, 2960
\thesubsubsection 1707, 1710, 2959, 2962
\title 2873, 2875, 2876, 2879, 2883, 2976–2978, 2981, 2985, 3021
\titlecontents 1961, 1976, 1980, 1996, 2008, 2012, 2110, 2169, 2184, 2188, 2204, 2208, 2221, 2226, 2239, 2244, 2257, 2262, 2274, 2282, 2333, 2345, 2349, 2364, 2368, 2379, 2384, 2395, 2400, 2411, 2416, 2426, 2433, 2442, 2446, 2450, 2454, 2457, 2460
\titlefont 2651
\titleformat . 1582, 1588, 1601, 1608, 1616, 1623, 1631, 1638, 1791, 1798

\titlerule 638, 639, 642, 643
\titlespacing 1606, 1613, 1621, 1628, 1636, 1643, 1648, 1649, 1652, 1653, 1656, 1657, 1660, 1661, 1664, 1665, 1668, 1669, 1672, 1673, 1676, 1677, 1680, 1681, 1683, 1685, 1797, 1804
\tocchapfont 2657
\tocchapnumfont . . 2664
\toclabelspace 2073, 2076, 2080
\toclabelwidth 2067, 2077, 2081
\tocparfont 2661
\tocparnumfont 2672, 2676
\tocpartfont 2656
\tocpartname 2654, 2655
\tocpartnumfont . . 2663
\tocsecfont 2658
\tocsecnumfont . . . 2666
\tocsubparfont . . . 2662
\tocsubparnumfont 2674, 2677
\tocsubsecfont . . . 2659
\tocsubsecnumfont 2668
\tocsubsubsecfont 2660
\tocsubsubsecnumfont 2670
\today 2702
\tolerance 2809
\twocolumn . . . 1776, 1788, 1941, 2051, 2053, 2554, 2573, 2593, 3003, 3089

U

\url 2859
\usefont 1512
\useosf 1398, 1440, 1469
\useproportional 1399, 1470

V

\version@string 2699, 2702
\versionstring 2699, 2700

X

\xfootnote 2800
\xheadbreak 2694
\XKV@classoptionslist 1292

Y

\year 3268, 3301
\yheadbreak 2696