



Ivan Valbusa

The  
**suftesi**  
document class

v3.0.1 – 2021/01/27

## 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

v3.0.1 – 2021/01/27

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

<b>1</b>	<b>Usage</b>	<b>4</b>	4.1	Composing the cover page	18
			4.2	Printing the colophon . . .	20
<b>2</b>	<b>Class features</b>	<b>5</b>	4.3	Breaking titles . . . . .	21
2.1	Document structures . . . .	5	4.4	Customizing titles . . . . .	22
2.2	Page layouts . . . . .	5	4.5	Miscellaneous . . . . .	23
2.3	Fonts . . . . .	6			
2.4	Cover page . . . . .	10	<b>5</b>	<b>The collection structure</b>	<b>24</b>
2.5	Frontispiece . . . . .	11	5.1	Options . . . . .	24
2.6	Appendices . . . . .	12	5.2	Commands . . . . .	25
<b>3</b>	<b>Options</b>	<b>12</b>	<b>6</b>	<b>Backward compatibility</b>	<b>26</b>
3.1	Layout . . . . .	12	<b>7</b>	<b>The Code</b>	<b>26</b>
3.2	Font . . . . .	13	7.1	Options definition . . . . .	28
3.3	Titles . . . . .	14	7.2	Basic packages . . . . .	53
3.4	Contents lists . . . . .	15	7.3	Fonts . . . . .	53
3.5	Headings . . . . .	16	7.4	Section titles . . . . .	59
3.6	Notes, lists, quotations . .	17	7.5	Cover page . . . . .	65
3.7	Miscellaneous . . . . .	17	7.6	Title page . . . . .	66
3.8	Pre-defined styles . . . . .	18	7.7	The collection structure	70
<b>4</b>	<b>New commands</b>	<b>18</b>	7.8	Frontispiece . . . . .	74

7.9	The index . . . . .	75	7.14	Customizing sections font . . . . .	94
7.10	Appendices . . . . .	76	7.15	New commands . . . . .	94
7.11	Headings . . . . .	79	7.16	Backward compatibility . . . . .	95
7.12	Text elements . . . . .	80	7.17	Final settings . . . . .	96
7.13	ToC, LoF and LoT . . . . .	84	<b>References</b>		<b>97</b>

## A brief history

The `suftesi` class was born as a result of the course *Introduzione a  $\text{\LaTeX}$  per le scienze umane* (*Introduction to  $\text{\LaTeX}$  for the Human Sciences*) which I held at the Graduate School of Human Sciences and Philosophy (**S**ienze **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  $\text{\LaTeX}$*  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  $\text{\LaTeX}$  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  $\text{\TeX}$  Live 2009 DVDs. Special thanks to Professors Enrico Gregorio, the Italian guru of  $\text{\TeX}$ , for the  $\text{\TeX}$ pert 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}
```

All the options defined by the class are in the  $\langle key \rangle = \langle value \rangle$  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. The class loads the packages listed in table 1.

### Using with $\text{\XeLaTeX}$ and $\text{\LuaTeX}$

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

Global	appendix, caption, color, crop, enumitem, emptypage, fancyhdr, fixltxhyph, fontenc, fontsize, geometry, iftex, microtype, multicol, titlesec, titletoc, xkeyval, (ccllicenses)
pdf $\LaTeX$ only	fontenc, substitutefont
Lua $\LaTeX$ 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

Table 1: Packages loaded by `suftesi`

## 2 Class features

The `suftesi` class provides a large set of options to customize the style of page, titles, headings and other text elements (see section 3). The simplest way to get to know the class features is therefore 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/suf<sub>tes</sub>i>.

### 2.1 Document structures

With `suftesi` you can typeset book-style documents (with chapters), article-style documents (without chapters) and collections of papers (see section 5). The kind of document is set by the `structure` option which defaults to `book` (see section 3).

### 2.2 Page layouts

The class provides eight page layouts which can be selected by the `pagelayout` option (table 2). The standard layout (default) or `standardaureo` layout are aimed to typeset A4 documents, while the other seven 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. See section 3.1 for details. In figure 1 you can see the thumbnails of the eleven page layouts provided by `suftesi`.

You can define your own layouts through the `\geometry` command and you can change the value of `\baselineskip` too. For example you can resize the typeblock of the `supercompactaureo` layout to fit particular needs, or simply because the font used requires a smaller line width. As you can see in the following example, you can change many aspects of the layout, using the parameters available for the `\geometry` command. Here we have modified also the margin ratio, the value of the upper margin and the distance between the

Layout	Dimensions (mm)				Proportions			
	Typeblock		Page		Margins		Stock	
	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

Table 2: The layouts of `suf t esi`

\*5:8  $\approx$  1:1,618

head and the beginning of the text. For the other parameters see the documentation of the geometry package (Carlisle and Umeki 2020).



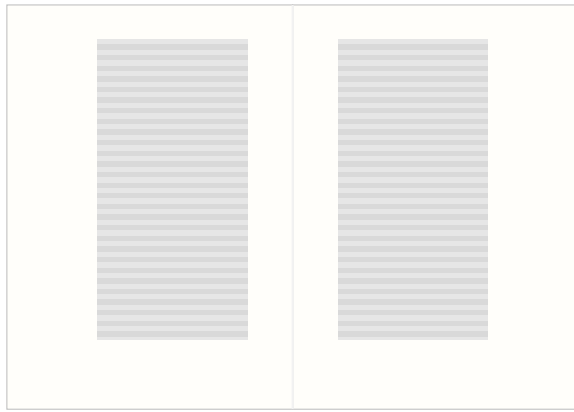
Remember that if you change the line spacing with the `\linespread` command, you need to add `\normalsize`.

```
\linespread{0.956}
\normalsize
\geometry{
  ignoreall,
  paperwidth = 140mm,
  paperheight = 210mm,
  textheight = 165mm,
  textwidth = 100mm,
  marginratio = 1:1,
  top = 2.07cm,
  headsep = 5.5mm,
  heightrounded}
```

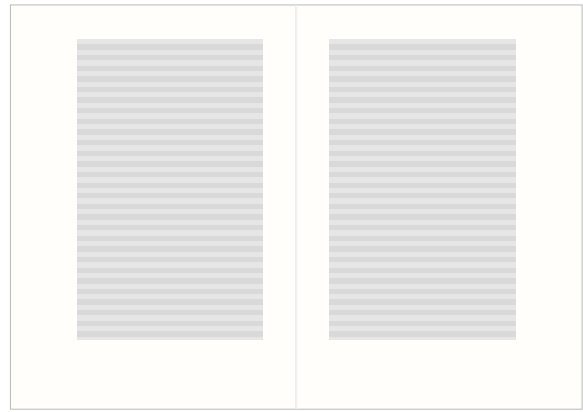


## 2.3 Fonts

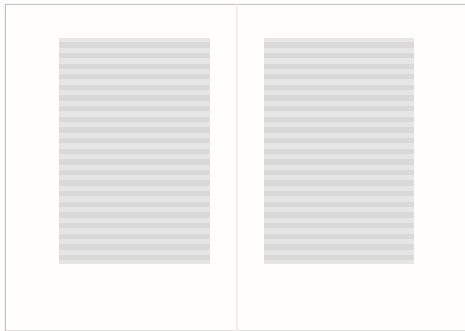
The default roman font is Cochineal by Michael Sharpe, the sans serif font is Linux Bi-olium, designed by Philipp H. Poll, and the typewriter face is Inconsolata by Michael Sharpe. Cochineal is a fork of Crimson, by Sebastian Kosch, a font inspired by masterpieces like Sabon (Jan Tschichold) and Minion (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.



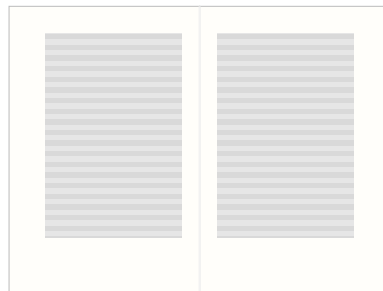
standard  
(21 × 29.7)



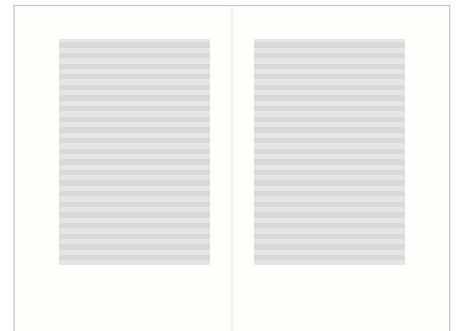
standardaureo  
(21 × 29.7)



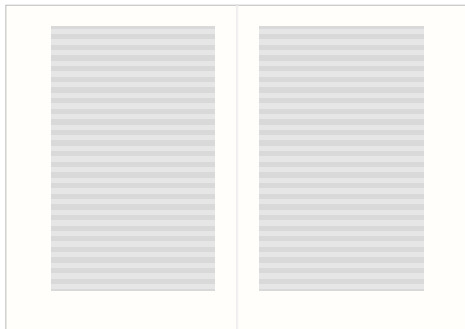
periodical  
(17 × 24)



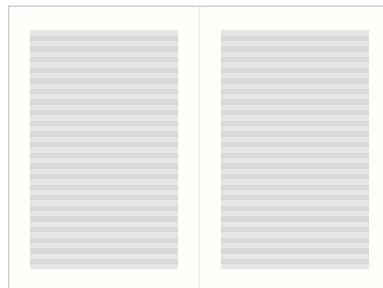
supercompact  
(14 × 21)



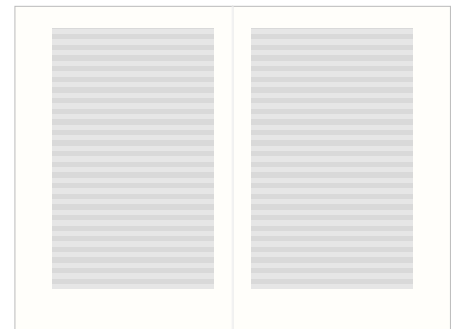
compact  
(16 × 24)



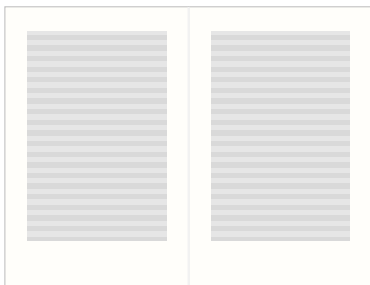
periodicalaureo  
(17 × 24)



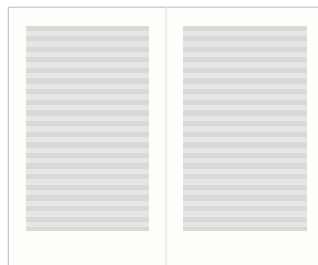
supercompactaureo  
(14 × 21)



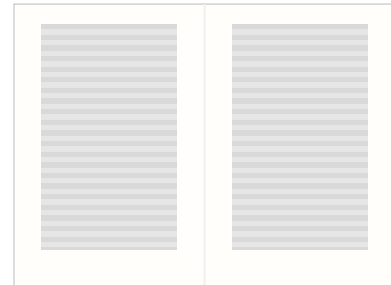
compactaureo  
(16 × 24)



pocketa  
(13.5 × 20.8)



pocketc  
(11.6 × 19.3)



pocketb  
(14 × 21)

Figure 1: The eleven layouts of suf tesi

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 (see section 3 for details).

Today there are several Garamond-like fonts in T<sub>E</sub>X 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 T<sub>E</sub>X Live, but they may be downloaded using the `getnonfreefonts` script. See the instructions at <http://tug.org/fonts/getnonfreefonts/>.

### 2.3.1 Typesetting mathematics

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`. See section 3.2 for details.

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.

### 2.3.2 Typesetting Greek

The Cochineal default font is complete of Greek and Cyrillic. Anyway the class provides the `greekfont` option (see section 3.2) 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.

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

**Cochineal/Bodoni** Aliquam auctor, pede consequat laoreet varius, eros tellus maris quam, pellentesque hendrerit. Πρῶτον εἰπεῖν περὶ τί καὶ τίνος ἐστὶν ἡ σκέψις, ὅτι



περὶ ἀπόδειξιν καὶ ἐπιστήμης ἀποδεικτικῆς· εἶτα διορίσαι τί ἐστὶ πρότασις καὶ τί ὅρος καὶ τί συλλογισμός Morbi luctus, wisi viverra faucibus pretium, nihil est placerat pro cuius loquentis verba. Sed malefium in quibusdam aeternitaem.

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

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

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

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

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

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

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

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

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

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

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

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

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

## 2.4 Cover page

Since version 2.6 `suftesi` provides a command to print a simple cover page (figure 3), 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 (see section 3 for details). The cover shown in figure 3 is obtained with the following code:

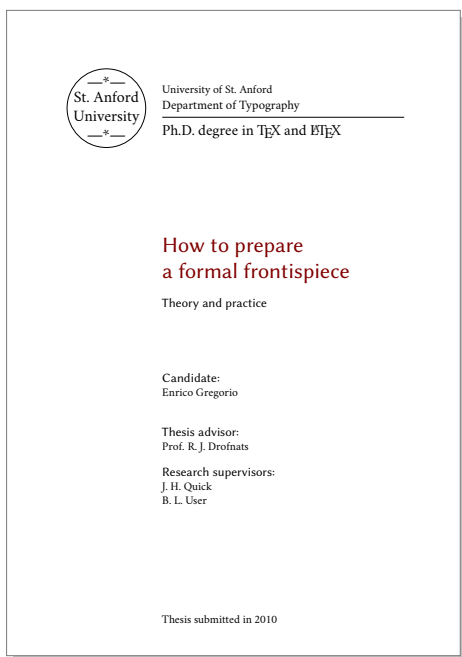


Figure 2: The frontispiece of suftesi

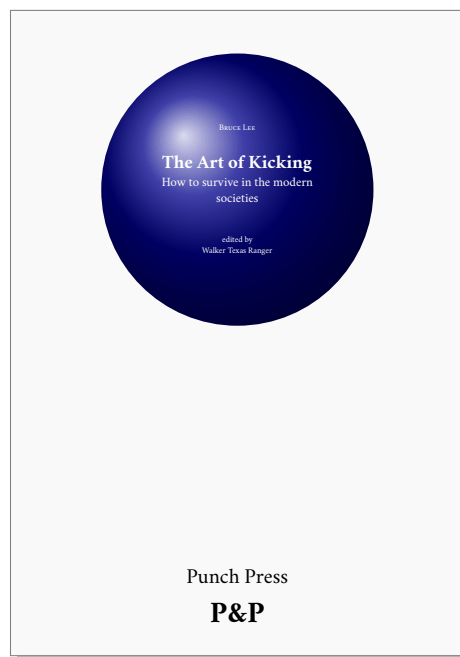


Figure 3: A cover page of suftesi

```
\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}
\makecover[ball color=DarkBlue,draw=none]
```

To produce a complete book cover, with spine and dust jacket, you should take a look at the bookcover class by Tibor Tómacs (2018).

## 2.5 Frontispiece

The class has an original frontispiece (see figure 2) 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 \Preamble command:

```

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

```

## 2.6 Appendices

Since version 2.9.5 the class relies on appendix package to manage the appendices (see Robertson and Wilson 2020). To get the correct label in titles, headings and table of contents, you should use the appendices environment.

```

\renewcommand{\appendixpagename}{Appendices}
\renewcommand{\appendixname}{Appendix}
\addappheadtotoc

\begin{document}
  ...
\appendixpage

\begin{appendices}
  \chapter{First appendix}
    Lorem ipsum
  \chapter{First appendix}
    Lorem ipsum
\end{appendices}

\end{document}

```

## 3 Options

### 3.1 Layout

**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 5).

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

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

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.

The details of this option are shown in table 2.

**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.

## 3.2 Font

**fontsize** =  $\langle \text{dimen} \rangle$  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  $\langle \text{fontsize} \rangle$  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[ $\langle \text{baselineskip} \rangle$ ]{ $\langle \text{fontsize} \rangle$ }` command.

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

**none** Does not load any font. Use this option if you want full control over the font selection. This is the default with  $\text{Xe}_{\text{L}}\text{TeX}$  or  $\text{Lua}_{\text{L}}\text{TeX}$ .

<b>cochineal</b>	Loads the Cochineal serif, the Linux Biolinum sans serif and the Inconsolata typewriter.
<b>libertine</b>	Loads the Linux Libertine serif, the Linux Biolinum sans serif and the Inconsolata typewriter.
<b>palatino</b>	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 <code>greekfont=artemisia</code> option offers a very good solution.
<b>standard</b>	Loads the <code>lmodern</code> package: Latin Modern font family and CB Greek.

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

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

<b>none</b>	Does not load any Greek font. This is the default with $\text{\LaTeX}$ or $\text{\LuaTeX}$ .
<b>artemisia</b>	Loads the Artemisia font by the Greek Font Society.
<b>porson</b>	Loads the Porson font by the Greek Font Society.
<b>bodoni</b>	Loads the Bodoni font by the Greek Font Society.
<b>cbgreek</b>	Loads the standard CB Greek font by Claudio Beccari.

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

Available only with Cochineal, Libertine and New PX fonts.

<b>none</b>	Do not load any mathematical support. Use this option if you need some packages that have to be loaded before <code>newtxmath</code> and <code>newpxmath</code> . This is the default with $\text{\LaTeX}$ or $\text{\LuaTeX}$ .
<b>minimal</b>	Loads <code>newtxmath</code> (for Cochineal and Linux Libertine) or <code>newpxmath</code> (for PX Fonts).
<b>extended</b>	Loads the previous option plus the <code>amsthm</code> and <code>mathalpha</code> packages.

**smallcapsstyle** = low | upper    default: low

Active only with `<level>font=smallcaps` and `toc<level>font=smallcaps` options (see sections 3.3 and 3.4). With  $\text{\LaTeX}$  or  $\text{\LuaTeX}$  this option is effective only if a font selection command (such as `\setmainfont`) is given.

<b>low</b>	Prints lowercase spaced <code>SMALL CAPITALS</code> .
<b>upper</b>	Prints spaced <code>SMALL CAPITALS</code> with uppercase initials.

### 3.3 Titles

In the following options `<level>` can be `part`, `chap`, `sec`, `subsec`, `subsubsec`.

**<level>font** = roman | italic | smallcaps    default: roman

<b>roman</b>	Prints the $\langle level \rangle$ title in roman.	
<b>italic</b>	Prints the $\langle level \rangle$ title in <i>italic</i> .	
<b>smallcaps</b>	Prints the $\langle level \rangle$ title in SPACED SMALL CAPS	
$\langle level \rangle$ style	= left   center   right   parleft   parcenter   parright	default: left
<b>left</b>	Aligns the $\langle level \rangle$ title on the left.	
<b>center</b>	Centers the $\langle level \rangle$ title.	
<b>right</b>	Aligns the $\langle level \rangle$ title on the right.	
<b>parleft</b>	As left but with the title below the number.	
<b>parcenter</b>	As center but with the title below the number.	
<b>parright</b>	As right but with the title below the number.	
$\langle level \rangle$ numstyle	= arabic   roman   Roman   dotarabic   dotroman   dotRoman	default: Roman/arabic/arabic
<b>arabic</b>	Arabic $\langle level \rangle$ number.	
<b>roman</b>	Small caps lowercase roman $\langle level \rangle$ number.	
<b>Roman</b>	Uppercase roman $\langle level \rangle$ number.	
<b>dotarabic</b>	As arabic but followed by a dot.	
<b>dotroman</b>	As roman but followed by a dot.	
<b>dotRoman</b>	As Roman but followed by a dot.	

### 3.4 Contents lists

<b>tocstyle</b>	= standard   dotted   ragged   leftpage	default: standard
<b>standard</b>	Prints a standard table of contents with page numbers on the right margin.	
<b>dotted</b>	As the previous one but with dotted lines.	
<b>ragged</b>	Aligns the table of contents on the left as suggested by Bringhurst (1992).	
<b>leftpage</b>	Prints a table of contents with page numbers on the left margin.	
<b>compacttoc</b>	= sec   subsec   subsubsec	default: sec
<b>sec</b>	Prints the sections, subsections and sub-subsections in a single paragraph. Note that in this case the option <code>tocstyle=dotted</code> is ineffective as the dots are not printed for chapter entries.	
<b>subsec</b>	Prints the subsections and sub-subsections in a single paragraph.	

`subsubsec` Prints the sub-subsections in a single paragraph.

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

`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

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

`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.

### 3.5 Headings

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

`inner` Prints the chapter title and the string “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.



### 3.6 Notes, lists, quotations

`quotestyle` = center | right default: center

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

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

`quotesize` = footnotesize | small default: footnotesize

`footnotesize` Prints the block quotations in `\footnotesize` size.

`small` Prints the block quotations in `\small` size.

`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

Uses symbols instead of numbers to mark footnotes. It is active only in documents with three footnotes per page maximum. The symbol sequence is: \*, \*\*, \*\*\*. With more footnotes you should not need this option.

`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.

`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.

### 3.7 Miscellaneous

`parindent` =  $\langle \text{dimen} \rangle$  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 T<sub>E</sub>X (for example: 1em | 1cm | 17pt, ...).

`marginpar` = true | false default: true

`true` Prints the marginal notes.

`false` Hide the marginal notes.

`partpage` = true | false default: false

Active only with `structure=article`. With book structure it is ineffective.

`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.

`draftdate` = true | false default: false

If true it prints the string “Version of `<date>`” in the footer. It requires the `\date{<date>}` command.

### 3.8 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.

## 4 New commands

### 4.1 Composing the cover page

`\makecover`

`\makecover`[`<tikz options>`]

Prints the cover page (figure 3). 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.

### Some examples of cover pages

First you have to declare the informations you want to put in the cover page. It is better to give these informations in the preamble:

```
\usepackage{tikz}

\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\\ \includegraphics[width=1cm]{logo}}
```

Then you can print the cover page with:

```
\makecover
```

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` option:

```
\usepackage{tikz}
\usetikzlibrary{shadows}
...
\begin{document}
\makecover[circular drop shadow]
\end{document}
```

There are thousands of possibilities. Here is another (not necessarily good) example:

```
\usepackage{tikz}

\Cpagecolor{gray!30}
\Ctextcolor{blue!50}
\Cfootcolor{black}

\begin{document}
\makecover[fill=blue!30!black,draw=teal,line width=2mm,dashed]
\end{document}
```

## 4.2 Printing the colophon

`\colophon`[ $\langle OS \rangle$ ]{ $\langle name and surname \rangle$ }{ $\langle additional infos \rangle$ }

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[ $\langle OS \rangle$ ]{ }{ $\langle additional infos \rangle$ }
```

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`{ $\langle copyright notice \rangle$ }{ $\langle attribution notice and other informations \rangle$ }

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.

### 4.3 Breaking titles in header and table of contents

**\breakintoc**

A manual break which is active for the table of contents but not in the text or in the headers.

```
\section{This title will be break here \breakintoc inside the contents}
```

**\breakinbody**

**\breakinbodyleft**

Manual breaks which are active in the body text but not in the headers and in the table of contents. The difference between the two commands is that the former executes `\\` while the latter uses `\newline`. The second one should be used with the *<level>style=left* options to avoid bad line alignments.

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

## 4.4 Customizing titles

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`, `\hskip/\hspace`, `\vskip/\vspace`, and so on.

`\<level>font{<definition>}`

`\toc<level>font{<definition>}`

Changes the font of the `<level>` title, where `<level>` can be `part`, `chap`, `sec`, `subsec`, `subsubsec`. The second command changes the ToC entry.

`\<level>numfont{<definition>}`

`\toc<level>numfont{<definition>}`

Changes the font of the `<level>` number, where `<level>` can be `part`, `chap`, `sec`, `subsec`, `subsubsec`. The second command changes the ToC entry.

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\lssstyle\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, consectetur adipiscing elit}

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

```

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

\end{document}

```

## 4.5 Miscellaneous

**\xfootnote**[*<symbol>*]{*<footnote text>*}

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

**\title**[*<short title for headers>*]{*<complete title for titlepage>*}

Useful with `headerstyle=authortitle` option if the title is too long or has some breaks.

**\toclabelwidth**{*<level>*}{*<dim>*}

Adds the *<dim>* to the *<level>* label in the table of contents, where *<level>* can be `part`, `chap`, `sec`, `subsec`, `subsubsec`, `par`, `subpar`, `fig`, `tab`. For example, when using `chapnumstyle=Roman` you would probably need to adjust the width of the chapter label with `\toclabelwidth{chap}{1em}`.

**\chapterintro**

Prints an unnumbered introduction at the beginning of the chapter, with the correct hyperlink. In order to use this command the `hyperref` package must be loaded.

**\chapterintraname**{*<name>*} default: Introduzione

Changes in *<name>* the title printed by the `\chapterintro` command.

**\appendixpage**

Prints a page with the title provided by `\appendixpagename` (default:Appendices) at the center according to the `partfont` option. To redefine the `\appendixpagename` command see the `appendix` package documentation.

**\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).

## 5 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}
```

### 5.1 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.

**papertitlestyle** = 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.

**revauthortitle** = true | false default: false

**true** Prints the author's name below the title.

**false** Prints the author's name above the title.

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

**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.

Note that if you use this last option you need 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.

## 5.2 Commands

`\frontispiece`

Typeset the frontispiece of the collection.

It requires the `\collectiontitle` and `\collectioneditor` commands in the preamble of your document.

`\collectiontitle`{*<The Title of the Collection>*}

Sets the title of the collection.

`\collectioneditor`{*<The Editor(s)>*}

Sets the editor(s) of the collection.

`\titlefont`{*<definition>*}

`\authorfont`{*<definition>*}

Changes the font of the title of the articles and of the author's name. For example:

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

## 6 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 L<sup>A</sup>T<sub>E</sub>X* of the Verona University (Italy).

**\FSPLcolophon**{<Name Surname>}

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

## 7 The Code

```
1 \RequirePackage{xkeyval}  
2 \newif\ifsuftesi@compatibility  
3 \newif\ifsuftesi@nofont  
4 \newif\ifsuftesi@greekfont  
5 \newif\ifsuftesi@standard  
6 \newif\ifsuftesi@cochineal  
7 \newif\ifsuftesi@libertine  
8 \newif\ifsuftesi@palatino  
9 \newif\ifsuftesi@porson  
10 \newif\ifsuftesi@artemisia  
11 \newif\ifsuftesi@bodoni  
12 \newif\ifsuftesi@cbgreek  
13 \newif\ifsuftesi@mathminimal  
14 \newif\ifsuftesi@mathextended  
15 \newif\ifsuftesi@centerheader  
16 \newif\ifsuftesi@sufplain  
17 \newif\ifsuftesi@article  
18 \newif\ifsuftesi@authortitle
```

```

19 \newif\ifsufteresi@periodical
20 \newif\ifsufteresi@periodicalaureo
21 \newif\ifsufteresi@compact
22 \newif\ifsufteresi@compactaureo
23 \newif\ifsufteresi@supercompact
24 \newif\ifsufteresi@supercompactaureo
25 \newif\ifsufteresi@screen
26 \newif\ifsufteresi@screencentered
27 \newif\ifsufteresi@dottedtoc
28 \newif\ifsufteresi@raggedtoc
29 \newif\ifsufteresi@numparpart
30 \newif\ifsufteresi@numparchap
31 \newif\ifsufteresi@numparsec
32 \newif\ifsufteresi@numparsubsec
33 \newif\ifsufteresi@numparsubsubsec
34 \newif\ifsufteresi@smallcapspart
35 \newif\ifsufteresi@smallcapschap
36 \newif\ifsufteresi@smallcapssec
37 \newif\ifsufteresi@draftdate
38 \newif\ifsufteresi@fewfootnotes
39 \newif\ifsufteresi@partpage
40 \newif\ifsufteresi@FSPL
41 \newif\ifsufteresi@pagelefttoc
42 \newif\ifsufteresi@twocolumntoc
43 \newif\ifsufteresi@twocolumnlof
44 \newif\ifsufteresi@twocolumnlot
45 \newif\ifsufteresi@reverseauthortitle
46 \newif\ifsufteresi@collection
47 \newif\ifsufteresi@toccompactsec
48 \newif\ifsufteresi@toccompactsubsec
49 \newif\ifsufteresi@toccompactsubsubsec

```

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.

```

50 \DeclareOption{a4paper}{%
51   \ClassWarningNoLine{sufteresi}{Option 'a4paper' not available}{}
52 \DeclareOption{a5paper}{%
53   \ClassWarningNoLine{sufteresi}{Option 'a5paper' not available}{}
54 \DeclareOption{b5paper}{%
55   \ClassWarningNoLine{sufteresi}{Option 'b5paper' not available}{}
56 \DeclareOption{legalpaper}{%
57   \ClassWarningNoLine{sufteresi}{Option 'legalpaper' not available}{}
58 \DeclareOption{executivepaper}{%
59   \ClassWarningNoLine{sufteresi}{Option 'executivepaper' not available}{}
60 \DeclareOption{landscape}{%
61   \ClassWarningNoLine{sufteresi}{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.

```
62 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{book}}
63 \ProcessOptions
64 \relax
65 \LoadClass{book}
66 \RequirePackage{fontsize}
67 \DeclareOptionX{parindent}{\setlength{\parindent}{#1}}
68 \ExecuteOptionsX{parindent=\baselineskip}
69 \ProcessOptionsX*\relax
```

## 7.1 Options definition

### 7.1.1 Structure

```
70 \define@choicekey{}{structure}[\val\nr]
71   {book,article,collection}[book]{%
72 \ifcase\nr\relax
73 % \disable@keys{}{secnumstyle}
74 \def\SUF@chapswitch{\thechapter.}
75 \or
76 \suftesi@articletrue
77 \@titlepagefalse
78 \def\SUF@chapswitch{}
79 \or
80 \suftesi@collectiontrue
81 \setkeys{}{headerstyle=authortitleinner}
82 \def\SUF@chapswitch{}
83 \fi}
84 \define@choicekey{}{documentstructure}[\val\nr]
85   {book,article,collection}[book]{%
86 \ClassWarningNoLine{suftesi}{%
87 'documentstructure' option is deprecated.\MessageBreak
88 Use 'structure' option instead}
89 \ifcase\nr\relax
90 \setkeys{}{structure=book}
91 \or
92 \setkeys{}{structure=article}
93 \or
94 \setkeys{}{structure=collection}
95 \fi}
```

### 7.1.2 Fonts

#### Roman fonts

```
96 \define@choicekey{}{defaultfont}[\val\nr]
97   {none,cochineal,libertine,palatino,standard,compatibility}[cochineal]{%
98 \ifcase\nr\relax
```

```

99 \suftesi@nofonttrue
100 \or
101 \suftesi@cochinealtrue
102 \or
103 \suftesi@libertinetrue
104 \or
105 \suftesi@palatinotrue
106 \or
107 \suftesi@standardtrue
108 \or
109 \suftesi@compatibilitytrue
110 \fi}
111 \define@choicekey{}{mathfont}[\val\nr]
112   {none,minimal,extended}[minimal]{%
113 \ifcase\nr\relax
114   \suftesi@mathminimalfalse
115   \suftesi@mathextendedfalse
116 \or
117   \suftesi@mathminimaltrue
118 \or
119   \suftesi@mathextendedtrue
120 \fi}

```

## Greek fonts

```

121 \define@choicekey{}{greekfont}[\val\nr]
122   {none,artemisia,porson,bodoni,cbgreek}[none]{%
123 \ifcase\nr\relax
124   \suftesi@greekfontfalse
125 \or
126   \suftesi@greekfonttrue\suftesi@artemisiatrue
127 \or
128   \suftesi@greekfonttrue\suftesi@porsontrue
129 \or
130   \suftesi@greekfonttrue\suftesi@bodonitrue
131 \or
132   \suftesi@greekfonttrue\suftesi@cbgreektrue
133 \fi}

```

### 7.1.3 Layouts

```

134 \RequirePackage{geometry}
135 \define@choicekey{}{pagelayout}[\val\nr]
136   {standard,standardaureo,periodical,periodicalaureo,compact,compactaureo,
137   supercompact,supercompactaureo,pocketa,pocketb,pocketc}[standard]{%
138 \ifcase\nr\relax
139   \DeclareRobustCommand{\SUF@partsize}{\Large}
140   \DeclareRobustCommand{\SUF@chaptersize}{\Large}
141   \DeclareRobustCommand{\SUF@sectionsize}{\large}
142   \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
143   \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}

```

```

144 \geometry{
145     heightrounded,
146     a4paper,
147     includeheadfoot=true,
148     textwidth=      110mm,
149     textheight=     220mm,
150     marginratio=    2:3,
151     marginparwidth= 30mm,
152     marginparsep=   12pt}
153 \or
154 \DeclareRobustCommand{\SUF@partsize}{\Large}
155 \DeclareRobustCommand{\SUF@chaptersize}{\Large}
156 \DeclareRobustCommand{\SUF@sectionsize}{\large}
157 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
158 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
159 \geometry{
160     heightrounded,
161     a4paper,
162     includeheadfoot=true,
163     textwidth=      136mm,
164     textheight=     220mm,
165     marginratio=    2:3,
166     marginparwidth= 30mm,
167     marginparsep=   12pt}
168 \or
169 \suftesi@periodicaltrue
170 \DeclareRobustCommand{\SUF@partsize}{\large}
171 \DeclareRobustCommand{\SUF@chaptersize}{\large}
172 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
173 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
174 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
175 \geometry{
176     heightrounded,
177     includeheadfoot=false,
178     textheight=     165mm,
179     textwidth=      110mm,
180     paperwidth=     170mm,
181     paperheight=    240mm,
182     marginratio=    2:3,
183     marginparwidth= 26mm,
184     marginparsep=   10pt}
185 \or
186 \suftesi@periodicalaureottrue
187 \DeclareRobustCommand{\SUF@partsize}{\large}
188 \DeclareRobustCommand{\SUF@chaptersize}{\large}
189 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
190 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
191 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
192 \geometry{
193     heightrounded,
194     includeheadfoot=true,

```

```

195     textwidth=      120mm,
196     textheight=     194mm,
197     paperwidth=     17cm,
198     paperheight=    24cm,
199     marginratio=    2:3,
200     marginparwidth= 62pt,
201     marginparsep=   10pt}
202 \or
203 \suftesi@compacttrue
204 \DeclareRobustCommand{\SUF@partsize}{\large}
205 \DeclareRobustCommand{\SUF@chaptersize}{\large}
206 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
207 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
208 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
209 \geometry{
210     heightrounded,
211     includeheadfoot=false,
212     textheight=     165mm,
213     textwidth=      110mm,
214     paperwidth=     160mm,
215     paperheight=    240mm,
216     marginratio=    2:3,
217     marginparwidth= 22mm,
218     marginparsep=   9pt}
219 \or
220 \suftesi@compactaureottrue
221 \DeclareRobustCommand{\SUF@partsize}{\large}
222 \DeclareRobustCommand{\SUF@chaptersize}{\large}
223 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
224 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
225 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
226 \geometry{
227     heightrounded,
228     includeheadfoot=false,
229     textheight=     191mm,
230     textwidth=      118mm,
231     paperwidth=     160mm,
232     paperheight=    240mm,
233     marginratio=    2:3,
234     marginparwidth= 19mm,
235     marginparsep=   9pt}
236 \or
237 \suftesi@supercompacttrue
238 \DeclareRobustCommand{\SUF@partsize}{\large}
239 \DeclareRobustCommand{\SUF@chaptersize}{\large}
240 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
241 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
242 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
243 \geometry{
244     heightrounded,
245     includeheadfoot=false,

```

```

246     textheight=      150mm,
247     textwidth=       100mm,
248     paperwidth=      140mm,
249     paperheight=     210mm,
250     marginratio=     2:3,
251     marginparwidth=  18mm,
252     marginparsep=    8pt}
253 \or
254 \suftesi@supercompactaureottrue
255 \DeclareRobustCommand{\SUF@partsize}{\large}
256 \DeclareRobustCommand{\SUF@chaptersize}{\large}
257 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
258 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
259 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
260 \geometry{
261     heightrounded,
262     includeheadfoot=false,
263     textheight=      175mm,
264     textwidth=       108mm,
265     paperwidth=      140mm,
266     paperheight=     210mm,
267     marginratio=     1:1,
268     marginparwidth=  11mm,
269     marginparsep=    7pt}
270 \or% pocketa
271 \suftesi@supercompactaureottrue
272 \DeclareRobustCommand{\SUF@partsize}{\large}
273 \DeclareRobustCommand{\SUF@chaptersize}{\large}
274 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
275 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
276 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
277 \geometry{
278     heightrounded,
279     includeheadfoot=false,
280     textheight=      153mm,
281     textwidth=       102mm,
282     paperwidth=      135mm,
283     paperheight=     208mm,
284     hmarginratio=    1:1,
285     vmarginratio=    2:3,
286     marginparwidth=  12mm,
287     marginparsep=    7pt}
288 \or% pocketb
289 \suftesi@supercompactaureottrue
290 \DeclareRobustCommand{\SUF@partsize}{\large}
291 \DeclareRobustCommand{\SUF@chaptersize}{\large}
292 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
293 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
294 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
295 \geometry{
296     heightrounded,

```



```

297   includeheadfoot=false,
298   textheight=      165mm,
299   textwidth=       99mm,
300   paperwidth=      140mm,
301   paperheight=     210mm,
302   hmarginratio=    1:1,
303   vmarginratio=    2:3,
304   marginparwidth=  15mm,
305   marginparsep=    7pt}
306 \or% pocketc
307 \suftesi@supercompactaureottrue
308 \DeclareRobustCommand{\SUF@partsize}{\large}
309 \DeclareRobustCommand{\SUF@chaptersize}{\large}
310 \DeclareRobustCommand{\SUF@sectionsize}{\normalsize}
311 \DeclareRobustCommand{\SUF@subsectionsize}{\normalsize}
312 \DeclareRobustCommand{\SUF@subsubsectionsize}{\normalsize}
313   \geometry{
314     heightrounded,
315     includeheadfoot=false,
316     textheight=      150mm,
317     textwidth=       90mm,
318     paperwidth=      116mm,
319     paperheight=     193mm,
320     hmarginratio=    1:1,
321     vmarginratio=    2:3,
322     marginparwidth=  8mm,
323     marginparsep=    7pt}
324 \fi}

```

#### 7.1.4 Sections style

```

325 \define@choicekey{}{partstyle}[\val\nr]
326   {left,center,right,parleft,parcenter,parright}[left]{%
327 \ifcase\nr\relax
328   \def\SUF@lr@PARTSwitch{\filright}
329 \or
330   \def\SUF@lr@PARTSwitch{\filcenter}
331 \or
332   \def\SUF@lr@PARTSwitch{\filleft}
333 \or%numpar
334   \def\SUF@lr@PARTSwitch{\filright}
335   \suftesi@numparparttrue
336 \or
337   \def\SUF@lr@PARTSwitch{\filcenter}
338   \suftesi@numparparttrue
339 \or
340   \def\SUF@lr@PARTSwitch{\filleft}
341   \suftesi@numparparttrue
342 \fi}
343 \define@choicekey{}{chapstyle}[\val\nr]
344   {left,center,right,parleft,parcenter,parright}[left]{%

```

```

345 \ifcase\nr\relax
346   \def\SUF@lr@CHAPSwitch{\filright}
347 \or
348   \def\SUF@lr@CHAPSwitch{\filcenter}
349 \or
350   \def\SUF@lr@CHAPSwitch{\filleft}
351 \or\numparchap
352   \def\SUF@lr@CHAPSwitch{\filright}
353   \suftesi@numparchaptrue
354 \or
355   \def\SUF@lr@CHAPSwitch{\filcenter}
356   \suftesi@numparchaptrue
357 \or
358   \def\SUF@lr@CHAPSwitch{\filleft}
359   \suftesi@numparchaptrue
360 \fi}
361 \define@choicekey{}{secstyle}[\val\nr]
362   {left,center,right,parleft,parcenter,parright}[left]{%
363 \ifcase\nr\relax
364   \def\SUF@lr@SECSwitch{\filright}
365 \or
366   \def\SUF@lr@SECSwitch{\filcenter}
367 \or
368   \def\SUF@lr@SECSwitch{\filleft}
369 \or\numparsec
370   \def\SUF@lr@SECSwitch{\filright}
371   \suftesi@numparsectrue
372 \or
373   \def\SUF@lr@SECSwitch{\filcenter}
374   \suftesi@numparsectrue
375 \or
376   \def\SUF@lr@SECSwitch{\filleft}
377   \suftesi@numparsectrue
378 \fi}
379 \define@choicekey{}{subsecstyle}[\val\nr]
380   {left,center,right}[left]{%
381 \ifcase\nr\relax
382   \def\SUF@lr@SUBSECSwitch{\filright}
383 \or
384   \def\SUF@lr@SUBSECSwitch{\filcenter}
385 \or
386   \def\SUF@lr@SUBSECSwitch{\filleft}
387 \fi}
388 \define@choicekey{}{subsubsecstyle}[\val\nr]
389   {left,center,right}[left]{%
390 \ifcase\nr\relax
391   \def\SUF@lr@SUBSUBSECSwitch{\filright}
392 \or
393   \def\SUF@lr@SUBSUBSECSwitch{\filcenter}
394 \or
395   \def\SUF@lr@SUBSUBSECSwitch{\filleft}

```

396 \fi}

### 7.1.5 Sections font

```
397 \define@choicekey{}{partfont}[\val\nr]
398     {roman,italic,smallcaps}[roman]{%
399 \ifcase\nr\relax
400   \def\SUF@PART@StyleSwitch{\relax}
401 \or
402   \def\SUF@PART@StyleSwitch{\itshape}
403 \or
404   \def\SUF@PART@StyleSwitch{\expandafter\SUF@titlesmallcaps}
405 \fi}
406 \define@choicekey{}{chapfont}[\val\nr]
407     {roman,italic,smallcaps}[roman]{%
408 \ifcase\nr\relax
409   \def\SUF@CHAP@StyleSwitch{\relax}
410 \or
411   \def\SUF@CHAP@StyleSwitch{\itshape}
412 \or
413   \def\SUF@CHAP@StyleSwitch{\expandafter\SUF@titlesmallcaps}
414 \fi}
415 \define@choicekey{}{secfont}[\val\nr]
416     {roman,italic,smallcaps}[italic]{%
417 \ifcase\nr\relax
418   \def\SUF@SEC@StyleSwitch{\relax}
419 \or
420   \def\SUF@SEC@StyleSwitch{\itshape}
421 \or
422   \def\SUF@SEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
423 \fi}
424 \define@choicekey{}{subsecfont}[\val\nr]
425     {roman,italic,smallcaps}[roman]{%
426 \ifcase\nr\relax
427   \def\SUF@SUBSEC@StyleSwitch{\relax}
428 \or
429   \def\SUF@SUBSEC@StyleSwitch{\itshape}
430 \or
431   \def\SUF@SUBSEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
432 \fi}
433 \define@choicekey{}{subsubsecfont}[\val\nr]
434     {roman,italic,smallcaps}[roman]{%
435 \ifcase\nr\relax
436   \def\SUF@SUBSUBSEC@StyleSwitch{\relax}
437 \or
438   \def\SUF@SUBSUBSEC@StyleSwitch{\itshape}
439 \or
440   \def\SUF@SUBSUBSEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
441 \fi}
```

### Small capitals style

```

442 \define@choicekey{}{smallcapsstyle}[\val\nr]
443     {low,upper}[low]{%
444 \ifcase\nr\relax
445   \def\suftesi@MakeTextLowercase{\MakeLowercase}
446   \def\suftesi@MakeTextTOCLowercase{\lowercase}
447 \or
448   \def\suftesi@MakeTextLowercase{\relax}
449   \def\suftesi@MakeTextTOCLowercase{\relax}
450 \fi}

```

### 7.1.6 Sections number

#### Part number style

```

451 \define@choicekey{}{partnumstyle}[\val\nr]
452     {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
453 \ifcase\nr\relax
454   \def\SUF@thepart{\arabic{part}}
455   \def\SUF@dotpart{}
456 \or
457   \def\SUF@thepart{\textsc{\roman{part}}}}
458   \def\SUF@dotpart{}
459 \or
460   \def\SUF@thepart{\Roman{part}}
461   \def\SUF@dotpart{}
462 \or
463   \def\SUF@thepart{\arabic{part}}
464   \def\SUF@dotpart{.}
465 \or
466   \def\SUF@thepart{\textsc{\roman{part}}}}
467   \def\SUF@dotpart{.}
468 \or
469   \def\SUF@thepart{\Roman{part}}
470   \def\SUF@dotpart{.}
471 \fi}

```

#### Chapter number style

```

472 \define@choicekey{}{chapnumstyle}[\val\nr]
473     {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
474 \ifcase\nr\relax
475   \def\SUF@thechapter{\arabic{chapter}}
476   \def\SUF@HEAD@thechapter{\arabic{chapter}}
477   \def\SUF@dotchap{}
478   \def\SUF@CHAP@thecontentslabel{\thecontentslabel}
479 \or
480   \def\SUF@thechapter{\textsc{\roman{chapter}}}}
481   \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}}
482   \def\SUF@dotchap{}
483   \def\SUF@CHAP@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}}
484 \or

```

```

485 \def\SUF@thechapter{\Roman{chapter}}
486 \def\SUF@HEAD@thechapter{\Roman{chapter}}
487 \def\SUF@dotchap{.}
488 \def\SUF@CHAP@thecontentslabel{\@Roman{\thecontentslabel}}
489 \or
490 \def\SUF@thechapter{\arabic{chapter}}
491 \def\SUF@HEAD@thechapter{\arabic{chapter}}
492 \def\SUF@dotchap{.}
493 \def\SUF@CHAP@thecontentslabel{\thecontentslabel}
494 \or
495 \def\SUF@thechapter{\textsc{\roman{chapter}}}
496 \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}
497 \def\SUF@dotchap{.}
498 \def\SUF@CHAP@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
499 \or
500 \def\SUF@thechapter{\Roman{chapter}}
501 \def\SUF@HEAD@thechapter{\Roman{chapter}}
502 \def\SUF@dotchap{.}
503 \def\SUF@CHAP@thecontentslabel{\@Roman{\thecontentslabel}}
504 \fi}

```

## Section number style

```

505 \define@choicekey{}{secnumstyle}[\val\nr]
506   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
507 \ifcase\nr\relax
508   \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
509   \def\SUF@HEAD@thesection{\arabic{section}}
510   \def\SUF@dotsec{}
511   \def\SUF@SEC@thecontentslabel{\thecontentslabel}
512 \or
513   \def\SUF@thesection{\textsc{\SUF@chapswitch\roman{section}}}
514   \def\SUF@HEAD@thesection{\textsc{\roman{section}}}
515   \def\SUF@dotsec{}
516   \def\SUF@SEC@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
517 \or
518   \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
519   \def\SUF@HEAD@thesection{\Roman{section}}
520   \def\SUF@dotsec{}
521   \def\SUF@SEC@thecontentslabel{\@Roman{\thecontentslabel}}
522 \or
523   \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
524   \def\SUF@HEAD@thesection{\arabic{section}}
525   \def\SUF@dotsec{.}
526   \def\SUF@SEC@thecontentslabel{\thecontentslabel}
527 \or
528   \def\SUF@thesection{\SUF@chapswitch\textsc{\roman{section}}}
529   \def\SUF@HEAD@thesection{\textsc{\roman{section}}}
530   \def\SUF@dotsec{.}
531   \def\SUF@SEC@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
532 \or

```

```

533 \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
534 \def\SUF@HEAD@thesection{\Roman{section}}
535 \def\SUF@dotsec{.}
536 \def\SUF@SEC@thecontentslabel{\@Roman{thecontentslabel}}
537 \fi}

```

## Subsection number style

```

538 \define@choicekey{}{subsecnumstyle}[\val\nr]
539   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
540 \ifcase\nr\relax
541   \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
542   \def\SUF@dotsubsec{}
543   \def\SUF@SUBSEC@thecontentslabel{\thecontentslabel}
544 \or
545   \def\SUF@thesubsection{\SUF@thesection.\textsc{roman}{subsection}}
546   \def\SUF@dotsubsec{}
547   \def\SUF@SUBSEC@thecontentslabel{\textsc{@roman{thecontentslabel}}}
548 \or
549   \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
550   \def\SUF@dotsubsec{}
551   \def\SUF@SUBSEC@thecontentslabel{\@Roman{thecontentslabel}}
552 \or
553   \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
554   \def\SUF@dotsubsec{.}
555   \def\SUF@SUBSEC@thecontentslabel{\thecontentslabel}
556 \or
557   \def\SUF@thesubsection{\SUF@thesection.\textsc{roman}{subsection}}
558   \def\SUF@dotsubsec{.}
559   \def\SUF@SUBSEC@thecontentslabel{\textsc{@roman{thecontentslabel}}}
560 \or
561   \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
562   \def\SUF@dotsubsec{.}
563   \def\SUF@SUBSEC@thecontentslabel{\@Roman{thecontentslabel}}
564 \fi}

```

## Sub-subsection number style

```

565 \define@choicekey{}{subsubsecnumstyle}[\val\nr]
566   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
567 \ifcase\nr\relax
568   \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
569   \def\SUF@dotsubsubsec{}
570   \def\SUF@SUBSUBSEC@thecontentslabel{\thecontentslabel}
571 \or
572   \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{roman}{subsubsection}}
573   \def\SUF@dotsubsubsec{}
574   \def\SUF@SUBSUBSEC@thecontentslabel{\textsc{@roman{thecontentslabel}}}
575 \or
576   \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
577   \def\SUF@dotsubsubsec{}

```

```

578 \def\SUF@SUBSUBSEC@thecontentslabel{\@Roman{\thecontentslabel}}
579 \or
580 \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
581 \def\SUF@dotssubsubsec{.}
582 \def\SUF@SUBSUBSEC@thecontentslabel{\thecontentslabel}
583 \or
584 \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{\roman{subsubsection}}}
585 \def\SUF@dotssubsubsec{.}
586 \def\SUF@SUBSUBSEC@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
587 \or
588 \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
589 \def\SUF@dotssubsubsec{.}
590 \def\SUF@SUBSUBSEC@thecontentslabel{\@Roman{\thecontentslabel}}
591 \fi}

```

### 7.1.7 Table of contents

#### Table of contents style

```

592 \define@choicekey{}{tocstyle}[\val\nr]
593   {standard,dotted,ragged,leftpage}[standard]{%
594 \ifcase\nr\relax
595   \def\SUF@titlerule{\titlerule*{}}
596   \def\SUF@chaptitlerule{\titlerule*{}}
597 \or
598 \suftesi@dottedtoctrue
599   \def\SUF@titlerule{\titlerule*{\footnotesize .\ }}
600   \def\SUF@chaptitlerule{\titlerule*{}}
601 \or
602 \suftesi@raggedtoctrue
603   \def\SUF@titlerule{\hspace{1em}}
604   \def\SUF@chaptitlerule{\hspace{1em}}
605 \or
606 \suftesi@pagelefttoctrue
607 \fi}
608 \define@choicekey{}{compacttoc}[\val\nr]
609   {sec,subsec,subsubsec}[sec]{%
610 \ifcase\nr\relax
611   \suftesi@toccompactsectrue
612   \suftesi@toccompactsubsectrue
613   \suftesi@toccompactsubsubsectrue
614   \def\suf@sscorrect{\hskip.5em}
615   \def\suf@ssscorrect{\hskip.5em}
616   \def\suf@ctocdotsec{.}
617   \def\suf@ctocdotsssec{}
618   \def\suf@ctocdotsssec{}
619 \or
620   \suftesi@toccompactsubsectrue
621   \suftesi@toccompactsubsubsectrue
622   \def\suf@sscorrect{\relax}
623   \def\suf@ssscorrect{\hskip.5em}

```

```

624 \def\suf@ctocdotssec{.}
625 \def\suf@ctocdotssec{}
626 \or
627 \suf@tes@toccompactsubsubsectrue
628 \def\suf@sscorrect{\relax}
629 \def\suf@ssscorrect{\relax}
630 \def\suf@ctocdotssec{.}
631 \fi}
632 \define@choicekey{}{twocolcontents}[\val\nr]
633   {toc,lof,lot,toclof,toclot,lofot,all}[all]{%
634 \ifcase\nr\relax
635   \suf@tes@twocolumntoctrue
636   \setkeys{}{tocstyle=ragged}
637 \or
638   \suf@tes@twocolumnloftrue
639   \setkeys{}{tocstyle=ragged}
640 \or
641   \suf@tes@twocolumnlottrue
642   \setkeys{}{tocstyle=ragged}
643 \or
644   \suf@tes@twocolumntoctrue
645   \suf@tes@twocolumnloftrue
646   \setkeys{}{tocstyle=ragged}
647 \or
648   \suf@tes@twocolumntoctrue
649   \suf@tes@twocolumnlottrue
650   \setkeys{}{tocstyle=ragged}
651 \or
652   \suf@tes@twocolumnloftrue
653   \suf@tes@twocolumnlottrue
654   \setkeys{}{tocstyle=ragged}
655 \or
656   \suf@tes@twocolumntoctrue
657   \suf@tes@twocolumnloftrue
658   \suf@tes@twocolumnlottrue
659   \setkeys{}{tocstyle=ragged}
660 \fi}

```

## Table of contents font

```

661 \define@choicekey{}{tocpartfont}[\val\nr]
662   {roman,italic,smallcaps}[roman]{%
663 \ifcase\nr\relax
664   \def\SUF@tocPART@font{\relax}
665 \or
666   \def\SUF@tocPART@font{\itshape}
667 \or
668   \def\SUF@tocPART@font{\expandafter\SUF@TOctitlesmallcaps}
669 \fi}
670 \define@choicekey{}{tocchapfont}[\val\nr]
671   {roman,italic,smallcaps}[roman]{%

```



```

672 \ifcase\nr\relax
673   \def\SUF@tocCHAP@font{\relax}
674 \or
675   \def\SUF@tocCHAP@font{\itshape}
676 \or
677   \def\SUF@tocCHAP@font{\expandafter\SUF@TOCtitlesmallcaps}
678 \fi}
679 \define@choicekey{}{tocsecfont}[\val\nr]
680   {roman,italic,smallcaps}[italic]{%
681 \ifcase\nr\relax
682   \def\SUF@tocSEC@font{\relax}
683 \or
684   \def\SUF@tocSEC@font{\itshape}
685 \or
686   \def\SUF@tocSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
687 \fi}
688 \define@choicekey{}{tocsubsecfont}[\val\nr]
689   {roman,italic,smallcaps}[roman]{%
690 \ifcase\nr\relax
691   \def\SUF@tocSUBSEC@font{\relax}
692 \or
693   \def\SUF@tocSUBSEC@font{\itshape}
694 \or
695   \def\SUF@tocSUBSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
696 \fi}
697 \define@choicekey{}{tocsubsubsecfont}[\val\nr]
698   {roman,italic,smallcaps}[roman]{%
699 \ifcase\nr\relax
700   \def\SUF@tocSUBSUBSEC@font{\relax}
701 \or
702   \def\SUF@tocSUBSUBSEC@font{\itshape}
703 \or
704   \def\SUF@tocSUBSUBSEC@font{\expandafter\SUF@TOCtitlesmallcaps}
705 \fi}
706 \define@choicekey{}{tocauthorfont}[\val\nr]
707   {roman,italic,smallcaps}[roman]{%
708 \ifcase\nr\relax
709   \def\SUF@tocAUT@font{\relax}
710 \or
711   \def\SUF@tocAUT@font{\itshape}
712 \or
713   \def\SUF@tocAUT@font{\expandafter\SUF@TOCtitlesmallcaps}
714 \fi}
715 \define@choicekey{}{toctitlefont}[\val\nr]
716   {roman,italic,smallcaps}[italic]{%
717 \ifcase\nr\relax
718   \def\SUF@tocTIT@font{\relax}
719 \or
720   \def\SUF@tocTIT@font{\itshape}
721 \or
722   \def\SUF@tocTIT@font{\expandafter\SUF@TOCtitlesmallcaps}

```

723 \fi}

### 7.1.8 Headers

#### Header style

```
724 \define@choicekey{}{headerstyle}[\val\nr]
725     {inner,center,plain,authortitleinner,authortitlecenter}[inner]{%
726 \ifcase\nr\relax
727   \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
728   \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
729 \or
730   \suftesi@centerheadertrue
731   \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
732   \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
733 \or
734   \suftesi@sufplaintrue
735 \or
736   \suftesi@authortitletrue
737   \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
738   \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
739 \or
740   \suftesi@authortitletrue
741   \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
742   \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
743   \suftesi@centerheadertrue
744 \fi}
```

#### Header font

```
745 \define@choicekey{}{headerfont}[\val\nr]
746     {roman,italic,smallcaps}[roman]{%
747 \ifcase\nr\relax
748   \def\SUF@Rheadstyle{}
749   \def\SUF@Lheadstyle{}
750   \def\SUF@thepage{\thepage}
751 \or
752   \def\SUF@Rheadstyle{\itshape}
753   \def\SUF@Lheadstyle{\itshape}
754   \def\SUF@thepage{\thepage}
755 \or
756   \def\SUF@Rheadstyle{\SUF@headingsmallcaps}
757   \def\SUF@Lheadstyle{\SUF@headingsmallcaps}
758   \def\SUF@thepage{\SUF@headingsmallcaps{\thepage}}
759 \fi}
```

### 7.1.9 Text elements

#### Lists

```
760 \RequirePackage[inline]{enumitem}
```

```

761 \renewcommand\labelitemi{\color{sufgray}\textbullet}
762 \setlist[itemsep=.5ex,parsep=0pt,listparindent=\parindent]
763 \setlist[description]{font=\normalfont\itshape}
764 \define@choicekey{}{liststyle}[\val\nr]
765     {bulged,aligned,indented}[bulged]{%
766 \ifcase\nr\relax
767   \setlist[enumerate,1]{leftmargin=0pt,label=\arabic*.}
768   \setlist[enumerate,2]{leftmargin= 1.3\parindent,label=\alph*.}
769   \setlist[enumerate,3]{leftmargin= 1.3\parindent,label=\roman*.}
770   \setlist[itemize,1]{leftmargin=0pt}
771   \setlist[itemize,2]{leftmargin=1.3\parindent}
772   \setlist[itemize,3]{leftmargin=1.3\parindent}
773 \or
774   \setlist[enumerate,1]{leftmargin=1\parindent,label=\arabic*.}
775   \setlist[enumerate,2]{leftmargin= 1.5\parindent,label=\alph*.}
776   \setlist[enumerate,3]{leftmargin= 1.5\parindent,label=\roman*.}
777   \setlist[itemize,1]{leftmargin=1\parindent}
778   \setlist[itemize,2]{leftmargin=1.5\parindent}
779   \setlist[itemize,3]{leftmargin=1.5\parindent}
780 \or
781   \setlist[enumerate,1]{leftmargin=2\parindent,label=\arabic*.}
782   \setlist[enumerate,2]{leftmargin= 2.5\parindent,label=\alph*.}
783   \setlist[enumerate,3]{leftmargin= 2.5\parindent,label=\roman*.}
784   \setlist[itemize,1]{leftmargin=2\parindent}
785   \setlist[itemize,2]{leftmargin=2.5\parindent}
786   \setlist[itemize,3]{leftmargin=2.5\parindent}
787 \fi}

```

## Quotations

```

788 \define@choicekey{}{quotestyle}[\val\nr]
789     {center,right}[center]{%
790 \ifcase\nr\relax
791   \def\SUF@quote@style{\rightmargin=\parindent}
792 \or
793   \def\SUF@quote@style{}
794 \fi}
795 \define@choicekey{}{quotesize}[\val\nr]
796     {footnotesize,small}[footnotesize]{%
797 \ifcase\nr\relax
798   \def\SUF@quotation@size{\footnotesize}
799 \or
800   \def\SUF@quotation@size{\small}
801 \fi}

```

## Footnotes

```

802 \define@choicekey{}{footnotestyle}[\val\nr]
803     {bulged,hung,dotted,superscript}[bulged]{%
804 \ifcase\nr\relax
805   \renewcommand\@makefnrtxt{%

```

```

806 \hskip-2.5em\makebox[2em][r]{\@thefnmark}\hskip.5em}
807 \or
808 \renewcommand\@makefnfoot{\%
809 \leftskip=1em\hskip-1.5em%
810 \makebox[1em][r]{\@thefnmark}\hskip.5em}
811 \or
812 \renewcommand\@makefnfoot{\%
813 \@thefnmark.\hskip.5em}
814 \or
815 \renewcommand\@makefnfoot{\%
816 \textsuperscript{\@thefnmark}\hskip.3em}
817 \fi}
818 \define@choicekey{}{fewfootnotes}[\val\nr]
819 {true,false}[true]{%
820 \ifcase\nr\relax
821 \suftesi@fewfootnotestruetrue
822 \or
823 \relax
824 \fi}

```

## Captions

```

825 \RequirePackage{caption}
826 \captionsetup{labelsep=period,font=small,textformat=period}
827 \define@choicekey{}{captionstyle}[\val\nr]
828 {standard,sanserif,italic,smallcaps}[standard]{%
829 \ifcase\nr\relax
830 \or
831 \captionsetup{font+=sf}
832 \or
833 \captionsetup{font+=it}
834 \or
835 \captionsetup{labelfont=sc}
836 \fi}

```

## Marginal notes

```

837 \define@choicekey{}{marginpar}[\val\nr]
838 {true,false}[true]{%
839 \ifcase\nr\relax
840 \or
841 \renewcommand\marginpar[2][{}]{%
842 \fi}

```

### 7.1.10 Other options

#### Part page

```

843 \define@choicekey{}{partpage}[\val\nr]
844 {true,false}[true]{%
845 \ifcase\nr\relax

```

```

846 \suftesi@partpagetrue
847 \or
848 \relax
849 \fi}

```

## Draftdate

```

850 \define@choicekey{}{draftdate}[\val\nr]
851   {true,false}[true]{%
852 \ifcase\nr\relax
853   \suftesi@draftdatetrue
854 \or
855   \relax
856 \fi}

```

## View mode

```

857 \define@choicekey{}{version}[\val\nr]
858   {screen,cscreen,draft,final}[draft]{%
859 \ifcase\nr\relax
860   \suftesi@screentrue
861 \or
862   \suftesi@screentrue
863   \suftesi@screencenteredtrue
864 \or
865   \relax
866 \or
867   \AtBeginDocument{\crop[off]}
868 \fi}
869 \define@choicekey{}{crop}[\val\nr]
870   {true,false}[true]{%
871   \ClassWarningNoLine{suftesi}{%
872     'crop' option is deprecated.\MessageBreak
873     Use 'version' option instead}
874 \ifcase\nr\relax
875   \setkeys{}{version=draft}
876 \or
877   \setkeys{}{version=screen}
878 \fi}

```

## Titlepage

```

879 \define@choicekey{}{titlepage}[\val\nr]
880   {true,false}[true]{%
881 \ifcase\nr\relax
882   \@titlepagetrue
883 \or
884   \@titlepagefalse
885 \fi}

```

## Pre-defined styles

```
886 \define@choicekey{}{style}[\val\nr]
887   {roman1,roman2,roman3,roman4,roman5,roman6,
888    italic1,italic2,italic3,italic4,italic5,italic6,
889    italic7,italic8,italic9,italic10,italic11,italic12,
890    smallcaps1,smallcaps2,smallcaps3,smallcaps4,smallcaps5,smallcaps6,
891    smallcaps7,smallcaps8,smallcaps9,smallcaps10,smallcaps11,smallcaps12,
892    FSPLa,FSPLb,FSPLc}
893   [roman1]{%
894 \ifcase\nr\relax
```

## The ‘roman’ styles

```
895   \setkeys{}{chapstyle=left}
896 \or
897   \setkeys{}{chapstyle=center}
898 \or
899   \setkeys{}{chapstyle=right}
900 \or
901   \setkeys{}{chapstyle=parleft}
902 \or
903   \setkeys{}{chapstyle=parcenter}
904 \or
905   \setkeys{}{chapstyle=parright}
906 \or
```

## The ‘italic’ styles

```
907   \setkeys{}{
908     chapstyle=left,
909     chapfont=italic,
910     tocchapfont=italic,
911     headerfont=italic}
912 \or
913   \setkeys{}{
914     chapstyle=center,
915     chapfont=italic,
916     tocchapfont=italic,
917     headerfont=italic}
918 \or
919   \setkeys{}{
920     chapstyle=right,
921     chapfont=italic,
922     tocchapfont=italic,
923     headerfont=italic}
924 \or
925   \setkeys{}{
926     chapstyle=parleft,
927     chapfont=italic,
928     tocchapfont=italic,
```

```

929   headerfont=italic}
930 \or
931   \setkeys{}{
932     chapstyle=parcenter,
933     chapfont=italic,
934     tocchapfont=italic,
935     headerfont=italic}
936 \or
937   \setkeys{}{
938     chapstyle=parright,
939     chapfont=italic,
940     tocchapfont=italic,
941     headerfont=italic}
942 \or
943   \setkeys{}{
944     chapstyle=left,
945     chapfont=italic,
946     tocchapfont=italic,
947     secfont=smallcaps,
948     headerfont=italic}
949 \or
950   \setkeys{}{
951     chapstyle=center,
952     chapfont=italic,
953     tocchapfont=italic,
954     secfont=smallcaps,
955     headerfont=italic}
956 \or
957   \setkeys{}{
958     chapstyle=right,
959     chapfont=italic,
960     tocchapfont=italic,
961     secfont=smallcaps,
962     headerfont=italic}
963 \or
964   \setkeys{}{
965     chapstyle=parleft,
966     chapfont=italic,
967     tocchapfont=italic,
968     secfont=smallcaps,
969     headerfont=italic}
970 \or
971   \setkeys{}{
972     chapstyle=parcenter,
973     chapfont=italic,
974     tocchapfont=italic,
975     secfont=smallcaps,
976     headerfont=italic}
977 \or
978   \setkeys{}{
979     chapstyle=parright,

```

```

980 chapfont=italic,
981 tocchapfont=italic,
982 secfont=smallcaps,
983 headerfont=italic}
984 \or

```

### The ‘smallcaps’ styles

```

985 \setkeys{}{
986 chapstyle=left,
987 chapfont=smallcaps,
988 tocchapfont=smallcaps,
989 headerfont=smallcaps}
990 \or
991 \setkeys{}{
992 chapstyle=center,
993 chapfont=smallcaps,
994 tocchapfont=smallcaps,
995 headerfont=smallcaps}
996 \or
997 \setkeys{}{
998 chapstyle=right,
999 chapfont=smallcaps,
1000 tocchapfont=smallcaps,
1001 headerfont=smallcaps}
1002 \or
1003 \setkeys{}{
1004 chapstyle=parleft,
1005 chapfont=smallcaps,
1006 tocchapfont=smallcaps,
1007 headerfont=smallcaps}
1008 \or
1009 \setkeys{}{
1010 chapstyle=parcenter,
1011 chapfont=smallcaps,
1012 tocchapfont=smallcaps,
1013 headerfont=smallcaps}
1014 \or
1015 \setkeys{}{
1016 chapstyle=parright,
1017 chapfont=smallcaps,
1018 tocchapfont=smallcaps,
1019 headerfont=smallcaps}
1020 \or
1021 \setkeys{}{
1022 chapstyle=left,
1023 chapfont=smallcaps,
1024 tocchapfont=smallcaps,
1025 secfont=smallcaps,
1026 headerfont=smallcaps}
1027 \or

```



```

1028 \setkeys{}\{
1029 chapstyle=center,
1030 chapfont=smallcaps,
1031 tocchapfont=smallcaps,
1032 secfont=smallcaps,
1033 headerfont=smallcaps}
1034 \or
1035 \setkeys{}\{
1036 chapstyle=right,
1037 chapfont=smallcaps,
1038 tocchapfont=smallcaps,
1039 secfont=smallcaps,
1040 headerfont=smallcaps}
1041 \or
1042 \setkeys{}\{
1043 chapstyle=parleft,
1044 chapfont=smallcaps,
1045 tocchapfont=smallcaps,
1046 secfont=smallcaps,
1047 headerfont=smallcaps}
1048 \or
1049 \setkeys{}\{
1050 chapstyle=parcenter,
1051 chapfont=smallcaps,
1052 tocchapfont=smallcaps,
1053 secfont=smallcaps,
1054 headerfont=smallcaps}
1055 \or
1056 \setkeys{}\{
1057 chapstyle=parright,
1058 chapfont=smallcaps,
1059 tocchapfont=smallcaps,
1060 secfont=smallcaps,
1061 headerfont=smallcaps}
1062 \or

```

## The FSPL styles

```

1063 \suftesi@periodicalaureottrue
1064 \suftesi@FSPLtrue
1065 \setkeys{}\{%
1066 pagelayout=periodicalaureo,
1067 style=roman5,
1068 chapnumstyle=roman,
1069 headerstyle=inner,
1070 footnotestyle=hung,
1071 liststyle=indented,
1072 tocstyle=leftpage}
1073 \disable@keys{}
1074 {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
1075 subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%

```

```

1076     subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
1077     secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
1078     quotesize,footnotestyle,liststyle,captionstyle}
1079 \or
1080 \suftesi@periodicalaureottrue
1081 \suftesi@FSPLtrue
1082   \setkeys{}{%
1083     pagelayout=periodicalaureo,
1084     style=italic5,
1085     chapnumstyle=roman,
1086     headerstyle=inner,
1087     headerfont=italic,
1088     footnotestyle=hung,
1089     liststyle=indented,
1090     tocstyle=leftpage}
1091 \disable@keys{}
1092   {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
1093     subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
1094     subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
1095     secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
1096     quotesize,footnotestyle,liststyle,captionstyle}
1097 \or
1098 \suftesi@periodicalaureottrue
1099 \suftesi@FSPLtrue
1100   \setkeys{}{%
1101     pagelayout=periodicalaureo,
1102     style=smallcaps5,
1103     chapnumstyle=roman,
1104     headerstyle=inner,
1105     headerfont=smallcaps,
1106     secfont=smallcaps,
1107     footnotestyle=hung,
1108     liststyle=indented,
1109     tocstyle=leftpage}
1110 \disable@keys{}
1111   {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
1112     subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
1113     subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
1114     secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
1115     quotesize,footnotestyle,liststyle,captionstyle}
1116 \fi}

```

### Options for the collection document structure

```

1117 \define@choicekey{}{papertitlestyle}[\val\nr]
1118   {left,center,right}[left]{%
1119 \ifcase\nr\relax
1120   \def\SUF@lr@coll@titleSwitch{\filright}
1121 \or
1122   \def\SUF@lr@coll@titleSwitch{\filcenter}
1123 \or

```

```

1124 \def\SUF@lr@coll@titleSwitch{\filleft}
1125 \fi}
1126 \define@choicekey{}{revauthortitle}[\val\nr]
1127     {true,false}[false]{%
1128 \ifcase\nr\relax
1129 \suftesi@reverseauthortitletrue
1130 \or
1131 \relax
1132 \fi}
1133 \define@choicekey{}{titlefont}[\val\nr]
1134     {roman,italic,smallcaps}[roman]{%
1135 \ifcase\nr\relax
1136 \def\SUF@titlefont@Switch{\relax}
1137 \or
1138 \def\SUF@titlefont@Switch{\itshape}
1139 \or
1140 \def\SUF@titlefont@Switch{\expandafter\SUF@titlesmallcaps}
1141 \fi}
1142 \define@choicekey{}{authorfont}[\val\nr]
1143     {roman,italic,smallcaps}[roman]{%
1144 \ifcase\nr\relax
1145 \def\SUF@authorfont@Switch{\relax}
1146 \or
1147 \def\SUF@authorfont@Switch{\itshape}
1148 \or
1149 \def\SUF@authorfont@Switch{\expandafter\SUF@titlesmallcaps}
1150 \fi}

```

### 7.1.11 Execute options

```

1151 \ExecuteOptionsX<>{
1152     structure=book,
1153     captionstyle=standard,
1154     marginpar=true,
1155     tocstyle=standard,
1156     defaultfont=cochineal,
1157     mathfont=minimal,
1158     greekfont=none,
1159     pagelayout=standard,
1160     headerstyle=inner,
1161     liststyle=bulged,
1162     footnotestyle=bulged,
1163     quotesize=footnotesize,
1164     quotestyle=center,
1165     partstyle=left,
1166     chapstyle=left,
1167     secstyle=left,
1168     subsecstyle=left,
1169     subsubsecstyle=left,
1170     partfont=roman,
1171     chapfont=roman,

```

```

1172 secfont=italic,
1173 subsecfont=roman,
1174 subsubsecfont=roman,
1175 headerfont=roman,
1176 partnumstyle=Roman,
1177 chapnumstyle=arabic,
1178 secnumstyle=arabic,
1179 subsecnumstyle=arabic,
1180 subsubsecnumstyle=arabic,
1181 smallcapsstyle=low,
1182 titlefont=italic,
1183 authorfont=roman,
1184 toctitlefont=italic,
1185 tocauthorfont=roman,
1186 revauthortitle=false,
1187 papertitlestyle=left,
1188 tocpartfont=roman,
1189 tocchapfont=roman,
1190 tocsecfont=roman,
1191 tocsubsecfont=roman,
1192 tocsubsubsecfont=roman}
1193 \ProcessOptionsX<>\relax

```

The use of the `\XKV@useoption` command, provided by the `xkeyval`, is a trick to delete the option given as its argument from the list stored in `\@unusedoptionlist` so that the option will not produce the “Unused global options” message:

```

1194 \XKV@useoption{a4paper}
1195 \XKV@useoption{10pt}
1196 \XKV@useoption{11pt}
1197 \XKV@useoption{12pt}
1198 \XKV@useoption{oneside}
1199 \XKV@useoption{twoside}
1200 \XKV@useoption{onecolumn}
1201 \XKV@useoption{twocolumn}
1202 \XKV@useoption{titlepage}
1203 \XKV@useoption{notitlepage}
1204 \XKV@useoption{openright}
1205 \XKV@useoption{openany}
1206 \XKV@useoption{leqno}
1207 \XKV@useoption{fleqn}
1208 \XKV@useoption{a5paper}
1209 \XKV@useoption{b5paper}
1210 \XKV@useoption{legalpaper}
1211 \XKV@useoption{executivepaper}
1212 \XKV@useoption{landscape}

```

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!

```

1213 \def\XKV@classoptionslist{}

```

## 7.2 Basic packages

```
1214 \RequirePackage{multicol}
1215 \RequirePackage{emptypage}
1216 \RequirePackage{microtype}
1217 \RequirePackage{color}
1218   \definecolor{sufred}{rgb}{0.5,0,0}
1219   \definecolor{sufgray}{rgb}{0.5,0.5,0.5}
1220 \RequirePackage{iftex}
1221 \ifLuaTeX
1222   \RequirePackage{luatex85}
1223 \else
1224 \fi
```

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

```
1225 \ifsuftesi@FSPL
1226   \RequirePackage{ccllicenses}
1227 \else
1228 \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.

```
1229 \ifsuftesi@screen
1230   \newcommand*\crop[1][{}]{
1231     \ifsuftesi@screencentered
1232       \geometry{hmarginratio=1:1}
1233     \fi
1234   \else
1235   \RequirePackage[a4,cam,center]{crop}
1236 \fi
```

## 7.3 Fonts

If you use  $\text{\LaTeX}$  or  $\text{\LuaTeX}$  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.

```
1237 \unless\ifPDFTeX
1238 \AtBeginDocument{%
1239 \@ifpackageloaded{fontspec}
1240   {\relax}
1241   {\ClassError{suftesi}
1242     {*****\MessageBreak
1243     * For using suftesi with XeLaTeX\MessageBreak
1244     * load either 'fontspec' or 'mathspec'\MessageBreak
1245     * For using suftesi with LuaLaTeX\MessageBreak
1246     * load 'fontspec' \MessageBreak
```

```

1247 *****}
1248 {*****\MessageBreak
1249 * For using suftesi with XeLaTeX\MessageBreak
1250 * load either 'fontspec' or 'mathspec'\MessageBreak
1251 * For using suftesi with LuaLaTeX\MessageBreak
1252 * load 'fontspec' \MessageBreak
1253 *****}}}
1254 \else
1255 \RequirePackage[LGR,T1]{fontenc}
1256 \RequirePackage{substitutefont}
1257 \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.

```

1258 \ifsuftesi@nofont
1259 \ifsuftesi@greekfont
1260 \ClassWarningNoLine{suftesi}{%
1261   Unused 'greekfont' option}%
1262 \suftesi@greekfontfalse
1263 \else\suftesi@greekfontfalse\fi
1264 \else
1265 \ifsuftesi@standard
1266 \RequirePackage{lmodern}
1267 \ifsuftesi@greekfont
1268 \ClassWarningNoLine{suftesi}{%
1269   Unused 'greekfont' option}%
1270 \suftesi@greekfontfalse
1271 \else\suftesi@greekfontfalse\fi
1272 \else

```

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

```

1273 \ifsuftesi@compatibility
1274 \RequirePackage[osf,sc]{mathpazo}
1275 \RequirePackage[scaled=0.8]{beramono}
1276 \renewcommand{\sfdefault}{iwona}
1277 \ifsuftesi@greekfont
1278 \ifsuftesi@bodoni
1279 \gdef\SUFfntscale{0.96}
1280 \else
1281 \ifsuftesi@artemisia
1282 \gdef\SUFfntscale{0.97}
1283 \else
1284 \ifsuftesi@porson
1285 \gdef\SUFfntscale{1.17}
1286 \else
1287 \ifsuftesi@cbgreek
1288 \def\lmfntscale{1.06}

```

```

1289 \else
1290 \fi
1291 \fi
1292 \fi
1293 \fi
1294 \else
1295 \ClassWarningNoLine{suftesi}{\MessageBreak
1296 If you need the Greek font remember\MessageBreak
1297 to set one of the following options:\MessageBreak
1298 greekfont=artemisia,\MessageBreak
1299 greekfont=porson,\MessageBreak
1300 greekfont=cbgreek}
1301 \fi
1302 \else
1303 \ifsuftesi@palatino
1304 \RequirePackage[full]{textcomp}
1305 \RequirePackage[newpxtext}
1306 \RequirePackage[scaled=1.06]{biolinum}
1307 \RequirePackage[varqu,varl]{inconsolata}
1308 \ifsuftesi@mathextended
1309 \RequirePackage{amsthm}
1310 \RequirePackage[bigdelims,vvarbb]{newpxmath}
1311 \RequirePackage[cal=boondoxo]{mathalpha}
1312 \else
1313 \ifsuftesi@mathminimal
1314 \RequirePackage[bigdelims,vvarbb]{newpxmath}
1315 \else
1316 \fi
1317 \fi
1318 \useosf
1319 \useproportional
1320 \ifsuftesi@greekfont
1321 \ifsuftesi@bodoni
1322 \gdef\SUFfntscale{0.96}
1323 \else
1324 \ifsuftesi@artemisia
1325 \gdef\SUFfntscale{0.97}
1326 \else
1327 \ifsuftesi@porson
1328 \gdef\SUFfntscale{1.17}
1329 \else
1330 \ifsuftesi@cbgreek
1331 \def\lmfntscale{1.06}
1332 \else
1333 \fi
1334 \fi
1335 \fi
1336 \fi
1337 \else
1338 \ClassWarningNoLine{suftesi}{\MessageBreak
1339 If you need the Greek font remember\MessageBreak

```

```

1340   to set one of the following options:\MessageBreak
1341   greekfont=artemisia,\MessageBreak
1342   greekfont=porson,\MessageBreak
1343   greekfont=cbgreek}
1344   \fi
1345 \else
1346   \ifsuftesi@libertine
1347     \RequirePackage{textcomp}
1348     \RequirePackage[sb]{libertine}
1349     \RequirePackage[varqu,varl,scaled=0.94]{inconsolata}
1350     \ifsuftesi@mathextended
1351       \RequirePackage{amsthm}
1352       \RequirePackage{libertinust1math}
1353       \RequirePackage[cal=stix,scr=boondoxo,bb=boondox]{mathalpha}
1354     \else
1355       \ifsuftesi@mathminimal
1356         \RequirePackage{libertinust1math}
1357       \else
1358         \fi
1359       \fi
1360     \useosf
1361     \ifsuftesi@bodoni
1362       \gdef\SUFfntscale{0.9}
1363     \else
1364       \ifsuftesi@artemisia
1365         \gdef\SUFfntscale{0.91}
1366       \else
1367         \ifsuftesi@porson
1368           \gdef\SUFfntscale{1.1}
1369         \else
1370           \fi
1371         \fi
1372       \fi
1373 \else
1374   \ifsuftesi@cochineal
1375     \RequirePackage{textcomp}
1376     \RequirePackage{cochineal}
1377     \RequirePackage[varqu,varl,var0]{inconsolata}
1378     \RequirePackage{biolinum}
1379     \ifsuftesi@mathextended
1380       \RequirePackage{amsthm}
1381       \RequirePackage{cochineal,bigdelims,cmintegrals,vvarbb}{newtxmath}
1382       \RequirePackage[cal=boondoxo]{mathalpha}
1383     \else
1384       \ifsuftesi@mathminimal
1385         \RequirePackage{cochineal,bigdelims,cmintegrals,vvarbb}{newtxmath}
1386       \else
1387         \fi
1388       \fi
1389     \useosf
1390     \useproportional

```



```

1391 \ifsuftesi@bodoni
1392 \gdef\SUFfntscale{0.9}
1393 \else
1394 \ifsuftesi@artemisia
1395 \gdef\SUFfntscale{0.905}
1396 \else
1397 \ifsuftesi@porson
1398 \gdef\SUFfntscale{1.1}
1399 \else
1400 \fi
1401 \fi
1402 \fi
1403 \else
1404 \fi
1405 \fi
1406 \fi
1407 \fi
1408 \fi
1409 \fi
1410 \fi
1411 \unless\ifPDFTeX\else
1412 \ifsuftesi@greekfont
1413 \ifsuftesi@artemisia
1414 \def\SUF@greekfamily{artemisia}
1415 \else
1416 \ifsuftesi@porson
1417 \def\SUF@greekfamily{porson}
1418 \else
1419 \ifsuftesi@bodoni
1420 \def\SUF@greekfamily{bodoni}
1421 \else
1422 \ifsuftesi@cbgreek
1423 \def\SUF@greekfamily{lmr}
1424 \else
1425 \fi
1426 \fi
1427 \fi
1428 \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 other language environment work.

```

1429 \AtEndPreamble{
1430 \substitutefont{LGR}{\rmdefault}{\SUF@greekfamily}
1431 \DeclareRobustCommand{\greektext}{%
1432 \usefont{LGR}{\SUF@greekfamily}{\f@series}{\f@shape}
1433 \def\encodingdefault{LGR}}
1434 \DeclareTextFontCommand{\textgreek}{\greektext}}
1435 \ifsuftesi@cbgreek
1436 \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.

```

1437 \DeclareFontFamily{LGR}{bodoni}{}
1438 \DeclareFontShape{LGR}{bodoni}{m}{n}{<-> s * [\SUFfntscale] gbodonirg6a}{}
1439 \DeclareFontShape{LGR}{bodoni}{m}{it}{<-> s * [\SUFfntscale] gbodonii6a}{}
1440 \DeclareFontShape{LGR}{bodoni}{b}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
1441 \DeclareFontShape{LGR}{bodoni}{b}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
1442 \DeclareFontShape{LGR}{bodoni}{m}{sl}{<-> s * [\SUFfntscale] gbodonio6a}{}
1443 \DeclareFontShape{LGR}{bodoni}{b}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}
1444 \DeclareFontShape{LGR}{bodoni}{m}{sc}{<-> s * [\SUFfntscale] gbodonisc6a}{}
1445 \DeclareFontShape{LGR}{bodoni}{m}{sco}{<-> s * [\SUFfntscale] gbodonisco6a}{}
1446
1447 \DeclareFontShape{LGR}{bodoni}{bx}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
1448 \DeclareFontShape{LGR}{bodoni}{bx}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
1449 \DeclareFontShape{LGR}{bodoni}{bx}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}
1450
1451 \DeclareFontFamily{LGR}{artemisia}{}
1452 \DeclareFontShape{LGR}{artemisia}{m}{n}{<-> s * [\SUFfntscale] gartemisiarg6a}{}
1453 \DeclareFontShape{LGR}{artemisia}{m}{it}{<-> s * [\SUFfntscale] gartemisiai6a}{}
1454 \DeclareFontShape{LGR}{artemisia}{b}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
1455 \DeclareFontShape{LGR}{artemisia}{b}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}
1456 \DeclareFontShape{LGR}{artemisia}{m}{sl}{<-> s * [\SUFfntscale] gartemisiao6a}{}
1457 \DeclareFontShape{LGR}{artemisia}{b}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}
1458 \DeclareFontShape{LGR}{artemisia}{m}{sc}{<-> s * [\SUFfntscale] gartemisiasc6a}{}
1459 \DeclareFontShape{LGR}{artemisia}{m}{sco}{<-> s * [\SUFfntscale] gartemisiasco6a}{}
1460
1461 \DeclareFontShape{LGR}{artemisia}{bx}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
1462 \DeclareFontShape{LGR}{artemisia}{bx}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}
1463 \DeclareFontShape{LGR}{artemisia}{bx}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}
1464
1465 \DeclareFontFamily{LGR}{porson}{}
1466 \DeclareFontShape{LGR}{porson}{m}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1467 \DeclareFontShape{LGR}{porson}{m}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1468 \DeclareFontShape{LGR}{porson}{b}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1469 \DeclareFontShape{LGR}{porson}{b}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1470 \DeclareFontShape{LGR}{porson}{m}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1471 \DeclareFontShape{LGR}{porson}{b}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1472 \DeclareFontShape{LGR}{porson}{m}{sc}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1473
1474 \DeclareFontShape{LGR}{porson}{bx}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1475 \DeclareFontShape{LGR}{porson}{bx}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1476 \DeclareFontShape{LGR}{porson}{bx}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1477 \fi
1478 \else
1479 \fi
1480 \fi

```

## 7.4 Section titles

```
1481 \RequirePackage[newparttoc]{titlesec}
1482 \newlength{\sectionsep}
1483 \setlength{\sectionsep}{\dimexpr(\baselineskip) plus 1pt minus 1pt}
1484 \unless\ifPDFTeX
1485 \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
1486   \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextTOCLowercase{#1}}
1487 \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
1488   \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextLowercase{#1}}
1489 \DeclareRobustCommand{\SUF@headingsmallcaps}[1]{%
1490   \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextLowercase{#1}}
1491 \else
1492 \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
1493   \scshape\suftesi@MakeTextTOCLowercase{\textls*{#1}}}%
1494 \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
1495   \scshape\suftesi@MakeTextLowercase{\textls*{#1}}}%
1496 \DeclareRobustCommand{\SUF@headingsmallcaps}[1]{%
1497   \scshape\suftesi@MakeTextLowercase{\textls*{#1}}}%
1498 \fi
```

### 7.4.1 Default styles

```
1499 \newlength\SUF@ADJnumparchap
1500 \def\SUF@default@CHAPTER{
1501 \ifsuftesi@numparchap
1502   \titleformat{\chapter}[display]
1503     {\SUF@chaptersize\SUF@lr@CHAPSwitch}
1504     {\SUF@thechapter\SUF@dotchap}
1505     {2ex}
1506     {\SUF@CHAP@StyleSwitch}
1507 \else
1508   \titleformat{\chapter}[hang]
1509     {\SUF@chaptersize\SUF@lr@CHAPSwitch}
1510     {\SUF@thechapter\SUF@dotchap}
1511     {3em}
1512     {\SUF@CHAP@StyleSwitch}
1513 \fi
1514 \ifsuftesi@numparchap
1515   \setlength{\SUF@ADJnumparchap}{-6ex}
1516   \else
1517   \setlength{\SUF@ADJnumparchap}{0pt}
1518 \fi}
1519 \def\SUF@default@SECTIONS{
1520 \ifsuftesi@numparsec
1521   \titleformat{\section}[display]
1522     {\SUF@sectionsize\SUF@lr@SECSwitch}
1523     {\SUF@thesection\SUF@dotsec}
1524     {0ex}
1525     {\SUF@SEC@StyleSwitch}
1526   \titlespacing*{\section}{0em}{\sectionsep}{\sectionsep}[0em]
1527 \else
```

```

1528 \titleformat{\section}[hang]
1529   {\SUF@sectionsize\SUF@lr@SECSwitch}
1530   {\SUF@thesection\SUF@dotsec}
1531   {1em}
1532   {\SUF@SEC@StyleSwitch}
1533 \titlespacing*{\section}{0ex}{\sectionsep}{\sectionsep}[0ex]
1534 \fi
1535 \ifsuftesi@numparsubsec
1536 \titleformat{\subsection}[display]
1537   {\SUF@subsectionsize\SUF@lr@SUBSECSwitch}
1538   {\textnormal\SUF@thesubsection\SUF@dotsubsec}
1539   {0ex}
1540   {\SUF@SUBSEC@StyleSwitch}
1541 \titlespacing*{\subsection}{0em}{\sectionsep}{\sectionsep}[0em]
1542 \else
1543 \titleformat{\subsection}[hang]
1544   {\SUF@subsectionsize\SUF@lr@SUBSECSwitch}
1545   {\textnormal\SUF@thesubsection\SUF@dotsubsec}
1546   {1em}
1547   {\SUF@SUBSEC@StyleSwitch}
1548 \titlespacing*{\subsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
1549 \fi
1550 \ifsuftesi@numparsubsubsec
1551 \titleformat{\subsubsection}[display]
1552   {\SUF@subsectionsize\SUF@lr@SUBSUBSECSwitch}
1553   {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
1554   {0ex}
1555   {\SUF@SUBSUBSEC@StyleSwitch}
1556 \titlespacing*{\subsubsection}{0em}{\sectionsep}{\sectionsep}[0em]
1557 \else
1558 \titleformat{\subsubsection}[hang]
1559   {\SUF@subsectionsize\SUF@lr@SUBSUBSECSwitch}
1560   {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
1561   {1em}
1562   {\SUF@SUBSUBSEC@StyleSwitch}
1563 \titlespacing*{\subsubsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
1564 \fi}
1565 \SUF@default@CHAPTER
1566 \SUF@default@SECTIONS

```

## 7.4.2 Sections spacing

```

1567 \ifsuftesi@periodical
1568 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1569 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1570 \else
1571 \ifsuftesi@periodicalaureo
1572 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1573 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1574 \else
1575 \ifsuftesi@compact

```

```

1576 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1577 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1578 \else
1579 \ifsuftesi@compactaureo
1580 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1581 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1582 \else
1583 \ifsuftesi@supercompact
1584 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1585 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1586 \else
1587 \ifsuftesi@supercompactaureo
1588 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1589 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1590 \else%standard/standardaureo
1591 \titlespacing*{\chapter}{0em}{%
1592 \dimexpr(6ex+\SUF@ADJnumparchap)}{18ex}
1593 \titlespacing*{name=\chapter,numberless}{0em}{6ex}{18ex}
1594 \fi
1595 \fi
1596 \fi
1597 \fi
1598 \fi
1599 \fi

```

Some redefinitions for article mode:

```

1600 \ifsuftesi@article
1601 \def\chapter#1{\ClassError{suftesi}
1602 {\noexpand\chapter level is undefined
1603 using 'structure=article'}
1604 {\noexpand\chapter level is undefined
1605 using 'structure=article'}}
1606 \setcounter{tocdepth}{3}
1607 \setcounter{secnumdepth}{3}
1608 \renewcommand\thesection{%
1609 \@arabic\c@section}
1610 \renewcommand\thesubsection{%
1611 \thesection.\@arabic\c@subsection}
1612 \renewcommand\thesubsubsection{%
1613 \thesubsection.\@arabic\c@subsubsection}
1614 \renewcommand\theparagraph{%
1615 \thesubsubsection.\@arabic\c@paragraph}
1616 \renewcommand\thesubparagraph{%
1617 \theparagraph.\@arabic\c@subparagraph}

```

## The \part command

```

1618 \renewcommand\part{%
1619 \ifsuftesi@partpage
1620 \if@openright
1621 \cleardoublepage

```

```

1622 \else
1623 \clearpage
1624 \fi
1625 \thispagestyle{plain}%
1626 \fi
1627 \if@twocolumn
1628 \onecolumn
1629 \@tempwattrue
1630 \else
1631 \@tempwafalse
1632 \fi
1633 \ifsuftesi@partpage
1634 \null\vfil
1635 \fi
1636 \secdef\@part\@spart}
1637 \fi
1638
1639 \def\@part[#1]#2{%
1640   \ifnum \c@secnumdepth >-2\relax
1641     \refstepcounter{part}%
1642     \addcontentsline{toc}{part}{\normalfont\normalsize
1643       \SUF@tocpartname\hskip.5em{\SUF@tocPARTnum@font\SUF@thepart}}%
1644     \SUF@dotpart\hspace{1em}\SUF@tocPART@font#1}%
1645   \else
1646     \addcontentsline{toc}{part}{\normalfont\normalsize
1647       \SUF@tocPART@font#1}%
1648   \fi
1649   \markboth{}{}%
1650   {\SUF@lr@PARTSwitch\SUF@partsize
1651     \interlinepenalty \@M
1652     \ifnum \c@secnumdepth >-2\relax
1653       \noindent\partname\hskip.5em{\SUF@PART@font\SUF@thepart}\SUF@dotpart
1654       \ifsuftesi@numparpart
1655         \par
1656         \vskip2ex
1657       \else
1658         \hspace{1em}
1659       \fi
1660       \noindent\SUF@PART@StyleSwitch#2\par}%
1661   \@endpart}
1662
1663 \def\@spart#1{%
1664   {\SUF@lr@PARTSwitch\SUF@partsize
1665     \interlinepenalty \@M
1666     \noindent\SUF@PART@StyleSwitch#1\par}%
1667   \@endpart}
1668
1669 \ifsuftesi@article
1670 \def\@endpart{%
1671   \ifsuftesi@partpage
1672   \vfil\newpage

```

```

1673 \if@twoside
1674 \if@openright
1675 \null
1676 \thispagestyle{empty}%
1677 \newpage
1678 \fi
1679 \fi
1680 \fi
1681 \if@tempswa
1682 \twocolumn
1683 \fi}
1684 \else
1685 \def\@endpart{\vfil\newpage
1686 \if@twoside
1687 \if@openright
1688 \null
1689 \thispagestyle{empty}%
1690 \newpage
1691 \fi
1692 \fi
1693 \if@tempswa
1694 \twocolumn
1695 \fi}
1696 \fi

```

Other sublevels:

```

1697 \titleformat{\paragraph}[runin]
1698 {}
1699 {\theparagraph}
1700 {.5em}
1701 {\itshape}
1702 [{.}\hspace*{1em}]
1703 \titlespacing*{\paragraph}{\parindent}{.5\sectionsep}{.5\sectionsep}
1704 \titleformat{\subparagraph}[runin]
1705 {}
1706 {\thesubparagraph}
1707 {.5em}
1708 {}
1709 [{.}\hspace*{1em}]
1710 \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.

```

1711 \ifsuftesi@article
1712 \AtBeginDocument{%
1713 \@ifpackageloaded{biblatex}{%
1714 \defbibheading{bibliography}[\refname]{%
1715 \section*{#1}%
1716 \@mkboth{#1}{#1}}

```

```

1717 \defbibheading{biblist}[\biblistname]{%
1718   \section*{#1}%
1719   \@mkboth{#1}{#1}}
1720 \defbibheading{bibintoc}[\refname]{%
1721   \section*{#1}%
1722   \addcontentsline{toc}{section}{#1}%
1723   \@mkboth{#1}{#1}}
1724 \defbibheading{biblistintoc}[\biblistname]{%
1725   \section*{#1}%
1726   \addcontentsline{toc}{section}{#1}%
1727   \@mkboth{#1}{#1}}
1728 \defbibheading{bibnumbered}[\refname]{%
1729   \section{#1}}
1730 \defbibheading{biblistnumbered}[\biblistname]{%
1731   \section{#1}}
1732 \defbibheading{subbibliography}[\refname]{%
1733   \subsection*{#1}}
1734 \defbibheading{subbibintoc}[\refname]{%
1735   \subsection*{#1}%
1736   \addcontentsline{toc}{subsection}{#1}}
1737 \defbibheading{subbibnumbered}[\refname]{%
1738   \subsection{#1}}
1739 {\relax}}
1740 \else
1741 \AtBeginDocument{%
1742 \@ifpackageloaded{biblatex}{%
1743   \defbibheading{bibliography}[\bibname]{%
1744     \chapter*{#1}%
1745     \@mkboth{#1}{#1}}
1746   \defbibheading{biblist}[\biblistname]{%
1747     \chapter*{#1}%
1748     \@mkboth{#1}{#1}}
1749   \defbibheading{bibintoc}[\bibname]{%
1750     \chapter*{#1}%
1751     \addcontentsline{toc}{chapter}{#1}%
1752     \@mkboth{#1}{#1}}
1753   \defbibheading{biblistintoc}[\biblistname]{%
1754     \chapter*{#1}%
1755     \addcontentsline{toc}{chapter}{#1}%
1756     \@mkboth{#1}{#1}}
1757   \defbibheading{bibnumbered}[\bibname]{%
1758     \chapter{#1}}
1759   \defbibheading{biblistnumbered}[\biblistname]{%
1760     \chapter{#1}}
1761   \defbibheading{subbibliography}[\refname]{%
1762     \section*{#1}%
1763     \if@twoside\markright{#1}\fi}
1764   \defbibheading{subbibintoc}[\refname]{%
1765     \section*{#1}%
1766     \addcontentsline{toc}{section}{#1}%
1767     \if@twoside\markright{#1}\fi}

```



```

1768 \defbibheading{subbibnumbered}[\refname]{%
1769 \section{#1}}
1770 {\relax}}
1771 \fi

```

## 7.5 Cover page

```

1772 \newcommand{\Ctitle}[1]{\def\@Ctitle{#1}}
1773 \newcommand{\Csubtitle}[1]{\def\@Csubtitle{#1}}
1774 \newcommand{\Cauthor}[1]{\def\@Cauthor{#1}}
1775 \newcommand{\Ceditor}[1]{\def\@Ceditor{#1}}
1776 \newcommand{\Cfoot}[1]{\def\@Cfoot{#1}}
1777 \newcommand{\Cpagecolor}[1]{\def\@Cpagecolor{#1}}
1778 \newcommand{\Ccirclecolor}[1]{\def\@Ccirclecolor{#1}}
1779 \newcommand{\Ctextcolor}[1]{\def\@Ctextcolor{#1}}
1780 \newcommand{\Cfootcolor}[1]{\def\@Cfootcolor{#1}}
1781 \Cauthor{}
1782 \Ctitle{}
1783 \Csubtitle{}
1784 \Ceditor{}
1785 \Cfoot{}
1786 \Cpagecolor{gray!30}
1787 \Ctextcolor{white}
1788 \Cfootcolor{black}
1789 \AtBeginDocument{
1790 \ifpackageloaded{tikz}{%
1791 \newcommand\makecover[1][1]{%
1792 \begin{tikzpicture}[overlay,remember picture]
1793 \draw[draw=none,fill=\@Cpagecolor]
1794 (current page.north west) rectangle (current page.south east);
1795 \node[anchor=center,yshift=.22\paperwidth] at (current page.center) (c) {};
1796 \draw[draw=none,fill=gray,#1]
1797 (c) circle (.38\paperwidth) ;
1798 \node[anchor=center] at (c) (author) {%
1799 \parbox{.7\paperwidth}{%
1800 \centering
1801 \ifx\@Cauthor\@empty
1802 \else
1803 {\scshape\color{\@Ctextcolor}\@Cauthor\\}
1804 \vspace*{\baselineskip}
1805 \fi
1806 \ifx\@Ctitle\@empty
1807 \else
1808 {\Huge\bfseries\color{\@Ctextcolor}\@Ctitle\\[1ex]}
1809 \fi
1810 \ifx\@Csubtitle\@empty
1811 \else
1812 {\smallskip\Large\color{\@Ctextcolor}\@Csubtitle\\}

```

```

1816 \fi
1817
1818 \ifx\@Ceditor\@empty
1819 \else
1820 {\vspace*{2\baselineskip}\color{\@Ctextcolor}\@Ceditor\}
1821 \fi}
1822 };
1823 \ifx\@Cfoot\@empty\else
1824 \node[xshift=.5\paperwidth,yshift=1cm,
1825 align=center,text=\@Cfootcolor,anchor=south]
1826 at (current page.south west) {\@Cfoot};
1827 \fi
1828 \end{tikzpicture}
1829 \end{titlepage}
1830 }
1831 }
1832 {\def\makecover{\ClassError{suftesi}{\MessageBreak%
1833 *****\MessageBreak
1834 * To use the \noexpand\makecover command\MessageBreak
1835 * load the 'tikz' package.\MessageBreak
1836 *****}{\MessageBreak%
1837 *****\MessageBreak
1838 * To use the \noexpand\makecover command\MessageBreak
1839 * load the 'tikz' package.\MessageBreak
1840 *****}}}
1841 }

```

## 7.6 Title page

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

```

1842 \def\isbn#1{\gdef\@isbn{#1}}
1843 \def\@issn{\@latex@warning@no@line{%
1844 No \noexpand\isbn given}}
1845 \def\doi#1{\gdef\@doi{#1}}
1846 \def\@doi{\@latex@warning@no@line{%
1847 No \noexpand\doi given}}
1848 \def\isbn#1{\gdef\@issn{#1}}
1849 \def\@issn{\@latex@warning@no@line{%
1850 No \noexpand\isbn given}}
1851 \renewcommand*{\title}[2][\gdef\@headtitle{#1}\gdef\@title{#2}}
1852 \edef\title{\noexpand\@dblarg
1853 \expandafter\noexpand\csname\string\title\endcsname}
1854 \def\@headtitle{--missing title--%
1855 \protect\ClassWarningNoLine{suftesi}{%
1856 No \string\title\space given \MessageBreak%
1857 See the class documentation for explanation}}
1858 \def\@title{--missing title--%
1859 \protect\ClassWarningNoLine{suftesi}{%
1860 No \string\title\space given\MessageBreak%
1861 See the class documentation for explanation}}

```

```

1862 \def\@author{--missing author--%
1863 \protect\ClassWarningNoLine{suftesi}{%
1864 No \string\author\space given\MessageBreak%
1865 See the class documentation for explanation}}

```

### 7.6.1 For titlepage (default) option

```

1866 \if@titlepage% titlepage
1867 \renewcommand\maketitle{\begin{titlepage}%
1868 \let\footnotesize\small
1869 \let\footnoterule\relax
1870 \let \footnote \thanks
1871 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1872 \null\vfil
1873 \vskip 60\p@
1874 \begin{center}%
1875 {\SUF@chaptersize\color{sufred}\sffamily%
1876 \ifsuftesi@smallcapschap%
1877 \SUF@titlesmallcaps{\@title}
1878 \else
1879 \ifsuftesi@article
1880 \ifsuftesi@smallcapssec
1881 \SUF@titlesmallcaps{\@title}
1882 \else
1883 \@title
1884 \fi
1885 \else
1886 \@title
1887 \fi
1888 \fi\par}%
1889 \vskip 3em%
1890 {\small\lineskip .75em%
1891 \begin{tabular}[t]{c}%
1892 \@author
1893 \end{tabular}\par}%
1894 \vskip 1.5em%
1895 {\small\@date\par}%
1896 \end{center}\par
1897 \@thanks
1898 \vfil\null
1899 \end{titlepage}%
1900 \setcounter{footnote}{0}%
1901 \global\let\thanks\relax
1902 \global\let\maketitle\relax
1903 \global\let\@thanks\@empty
1904 \global\let\@date\@empty
1905 \global\let\date\relax
1906 \global\let\and\relax}

```

### The standard \aketitle style

```

1907 \newcommand\standardtitle{\begin{titlepage}%
1908   \let\footnotesize\small
1909   \let\footnoterule\relax
1910   \let \footnote \thanks
1911   \null\vfil
1912   \vskip 60\p@
1913   \begin{center}%
1914     {\LARGE \@title \par}%
1915     \vskip 3em%
1916     {\large
1917       \lineskip .75em%
1918       \begin{tabular}[t]{c}%
1919         \@author
1920         \end{tabular}\par}%
1921     \vskip 1.5em%
1922     {\large \@date \par}%
1923   \end{center}\par
1924   \@thanks
1925   \vfil\null
1926   \end{titlepage}%
1927   \setcounter{footnote}{0}%
1928   \global\let\thanks\relax
1929   \global\let\maketitle\relax
1930   \global\let\@thanks\@empty
1931   \global\let\@date\@empty
1932   \global\let\date\relax
1933   \global\let\and\relax}
1934 \else

```

## 7.6.2 For notitlepage option

```

1935 \renewcommand\maketitle{\par
1936   \begingroup
1937     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1938     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1939     \long\def\@makefntext##1{\parindent 1em\noindent
1940       \hbext@1.8em{%
1941         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1942     \if@twocolumn
1943       \ifnum \col@number=\@ne
1944         \@maketitle
1945       \else
1946         \twocolumn[\@maketitle]%
1947       \fi
1948     \else
1949       \newpage
1950       \global\@topnum\z@% Prevents figures from going at top of page.
1951       \@maketitle
1952     \fi
1953     \thispagestyle{plain}\@thanks
1954   \endgroup

```

```

1955 \setcounter{footnote}{0}%
1956 \global\let\thanks\relax
1957 \global\let\maketitle\relax
1958 \global\let\@maketitle\relax
1959 \global\let\@thanks\@empty
1960 \global\let\@date\@empty
1961 \global\let\date\relax
1962 \global\let\and\relax}
1963 \def\@maketitle{%
1964   \newpage
1965   \null
1966   \vskip 2em%
1967   \begin{center}%
1968     \let \footnote \thanks
1969     {\SUF@chaptersize\color{sufred}\sffamily%
1970     \ifsuftesi@smallcapschap%
1971       \SUF@titlesmallcaps{\@title}
1972     \else
1973       \ifsuftesi@article
1974       \ifsuftesi@smallcapssec
1975         \SUF@titlesmallcaps{\@title}
1976       \else
1977         \@title
1978       \fi
1979     \else
1980       \@title
1981     \fi
1982   \fi\par}%
1983   \vskip 1.5em%
1984   {\small\lineskip .5em%
1985     \begin{tabular}[t]{c}%
1986       \@author\par
1987     \end{tabular}\par}%
1988   \vskip 1em%
1989   {\small\@date\par}%
1990 \end{center}%
1991 \par
1992 \vskip 1.5em}

```

### The standard \maketitle style

```

1993 \newcommand\standardtitle{\par
1994   \begingroup
1995     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1996     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1997     \long\def\@makefntext##1{\parindent 1em\noindent
1998       \hb@xt@1.8em{%
1999         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
2000   \if@twocolumn
2001     \ifnum \col@number=\@ne
2002       \@standardmaketitle

```

```

2003     \else
2004         \twocolumn[\@standardmaketitle]%
2005     \fi
2006     \else
2007         \newpage
2008         \global\@topnum\z@
2009         \@standardmaketitle
2010     \fi
2011     \thispagestyle{plain}\@thanks
2012 \endgroup
2013 \setcounter{footnote}{0}%
2014 \global\let\thanks\relax
2015 \global\let\maketitle\relax
2016 \global\let\@standardmaketitle\relax
2017 \global\let\@thanks\@empty
2018 \global\let\@date\@empty
2019 \global\let\date\relax
2020 \global\let\and\relax}
2021 \def\@standardmaketitle{%
2022     \newpage
2023     \null
2024     \vskip 2em%
2025     \begin{center}%
2026     \let \footnote \thanks
2027         {\LARGE \@title \par}%
2028         \vskip 1.5em%
2029         {\large
2030             \lineskip .5em%
2031             \begin{tabular}[t]{c}%
2032                 \@author
2033             \end{tabular}\par}%
2034         \vskip 1em%
2035         {\large \@date}%
2036     \end{center}%
2037     \par
2038     \vskip 1.5em}
2039 \fi

```

## 7.7 The collection structure

```

2040 \ifsuftesi@collection
2041 \newcounter{journalnumber}
2042 \newcounter{journalvolume}
2043 \newcounter{issue}
2044 \newcounter{title}
2045 \setcounter{title}{1}
2046 \newcounter{article}
2047 \setcounter{article}{0}
2048 \setcounter{journalnumber}{0}
2049 \setcounter{tocdepth}{0}
2050 \def\journalname#1{\gdef\@journalname{#1}}

```

```

2051 \def\@journalname{\@latex@warning@no@line{%
2052   No \noexpand\journalname given}}
2053 \def\journalvolume#1{\gdef\@journalvolume{#1}}
2054 \def\@journalvolume{\@latex@warning@no@line{%
2055   No \noexpand\journalvolume given}}
2056 \def\journalnumber#1{\gdef\@journalnumber{#1}}
2057 \def\@journalnumber{\@latex@warning@no@line{%
2058   No \noexpand\journalnumber given}}
2059 \def\issue#1{\gdef\@issue{#1}}
2060 \def\@issue{\@latex@warning@no@line{%
2061   No \noexpand\issue given}}
2062 \def\journalyear#1{\gdef\@journalyear{#1}}
2063 \def\@journalyear{\@latex@warning@no@line{%
2064   No \noexpand\journalyear given}}
2065 \def\journalwebsite#1{\gdef\@journalwebsite{\url{#1}}}
2066 \def\@journalwebsite{\@latex@warning@no@line{%
2067   No \noexpand\journalwebsite given}}
2068 \def\thanks#1{\footnotemark\ \protected@xdef\@thanks{%
2069   \@thanks\protect\footnotetext[\the\c@footnote]{#1}}}
2070 \def\fulljournal{\emph{\@journalname} \@journalnumber, %
2071   \@issue} \@journalyear}
2072 \def\issuename#1{\gdef\@issuename{#1}}
2073 \def\collectiontitle#1{\gdef\@collectiontitle{#1}}
2074 \def\@collectiontitle{\@latex@warning@no@line{%
2075   No \noexpand\collectiontitle given}}
2076 \def\collectioneditor#1{\gdef\@collectioneditor{#1}}
2077 \def\@collectioneditor{\@latex@warning@no@line{%
2078   No \noexpand\collectioneditor given}}
2079 \renewcommand*{\title}[2][{}]{%
2080   \gdef\@headtitle{#1}\gdef\@title{#2}\markright{#1}}
2081   \edef\title{\noexpand\@dblarg
2082   \expandafter\noexpand\csname\string\title\endcsname}
2083   \def\@headtitle{--missing title--%
2084     \protect\ClassWarningNoLine{suftesi}{%
2085       No \string\title\space given \MessageBreak%
2086       See the class documentation for explanation}}
2087   \def\@title{--missing title--%
2088     \protect\ClassWarningNoLine{suftesi}{%
2089       No \string\title\space given \MessageBreak%
2090       See the class documentation for explanation}}
2091   \def\@author{--missing author--%
2092     \protect\ClassWarningNoLine{suftesi}{%
2093       No \string\author\space given \MessageBreak%
2094       See the class documentation for explanation}}
2095 \newcommand*\l@title[2]{%
2096   \ifnum \c@tocdepth >\m@ne
2097     \addpenalty{-\@highpenalty}%
2098     \vskip 1.0ex \@plus\p@
2099     \begingroup
2100       \parindent \z@ \rightskip \@pnumwidth
2101       \parfillskip -\@pnumwidth

```

```

2102     \advance\leftskip1em
2103     \hskip -\leftskip
2104     #1\nobreak%
2105     \ifsuftesi@dottedtoc\dotfill%
2106     \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
2107     \else
2108     \ifsuftesi@raggedtoc%
2109     \nobreak\hskip1em #2 \hfill\null\par
2110     \else
2111     \ifsuftesi@pagelefttoc
2112     \ClassError{suftesi}
2113     {\MessageBreak
2114     You can not use tocstyle=leftpage\MessageBreak
2115     with structure=collection}
2116     {You can not use tocstyle=leftpage\MessageBreak
2117     with structure=collection}
2118     \else
2119     \nobreak\hfill #2\par
2120     \fi
2121     \fi
2122     \fi
2123     \penalty\@highpenalty
2124     \endgroup
2125     \fi}
2126 \renewcommand\maketitle{\par
2127 \begingroup
2128 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
2129 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
2130 \long\def\@makefntext##1{\parindent 1em\noindent
2131     \hb@xt@1.8em{%
2132     \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
2133 \if@twocolumn
2134     \ifnum \col@number=\@ne
2135     \@maketitle
2136     \else
2137     \twocolumn[\@maketitle]%
2138     \fi
2139 \else
2140     \newpage
2141     \global\@topnum\z@ % Prevents figures from going at top of page.
2142     \@maketitle
2143     \fi
2144     \thispagestyle{plain}\@thanks%
2145 \endgroup
2146 % \setcounter{footnote}{0}%
2147 \setcounter{section}{0}%
2148 % \global\let\thanks\relax
2149 % \global\let\maketitle\relax
2150 % \global\let\@maketitle\relax
2151 % \global\let\@thanks\@empty
2152 % \global\let\@author\@empty

```



```

2153% \global\let\@date\@empty
2154% \global\let\@title\@empty
2155% \global\let\title\relax
2156% \global\let\author\relax
2157% \global\let\date\relax
2158 \global\let\and\relax
2159 \let\thanks\@gobble}
2160 \AtBeginDocument{\def\@maketitle{%
2161 \refstepcounter{article}
2162 \SUF@chaptersize
2163 \SUF@lr@coll@titleSwitch
2164 \let\footnote\thanks
2165 \parindent=0pt
2166 {\ifsuftesi@reverseauthortitle
2167 \SUF@titlefont@Switch{\@title}%
2168 \else\SUF@authorfont@Switch{\@author}\fi}%
2169 \label{begin:\thearticle}
2170 \xdef\@currentHref{title.\thearticle}%
2171 \Hy@raisedlink{%
2172 \hyper@anchorstart{\@currentHref}\hyper@anchorend}%
2173 \csname toc@entry@\endcsname
2174 \begingroup%
2175 \let\thanks\@gobble
2176 \addcontentsline{toc}{title}{%
2177 {\SUF@tocAUT@font{\@author}}\texorpdfstring{\newline}{, }%
2178 {\SUF@tocTIT@font{\@headtitle}}}
2179 \endgroup%
2180 \par\nobreak\vspace{2ex}
2181 {\ifsuftesi@reverseauthortitle
2182 \SUF@authorfont@Switch{\@author}%
2183 \else
2184 \SUF@titlefont@Switch{\@title}%
2185 \fi\vskip1.5cm}}%
2186 }
2187% \newenvironment{article}
2188% {\begingroup
2189% \global\let\@thanks\@empty
2190% \setcounter{footnote}{0}
2191% \refstepcounter{article}
2192% \label{begin:\thearticle}
2193% }
2194% {\label{end:\thearticle}\endgroup
2195% }
2196 \newenvironment{article}
2197 {\begingroup
2198 \setcounter{section}{0}
2199 \setcounter{footnote}{0}
2200 \setcounter{figure}{0}
2201 \setcounter{table}{0}}
2202 {\label{end:\thearticle}
2203 \cleardoublepage

```

```

2204     \global\let\@thanks\@empty
2205     \endgroup}
2206 \newcommand{\frontispiece}{%
2207     \thispagestyle{empty}%
2208     \begingroup
2209     \centering
2210     \vspace*{\stretch{1}}
2211
2212     {\SUF@chaptersize\@collectiontitle\par}
2213     \vskip5ex
2214
2215     \@collectioneditor
2216     \vspace*{\stretch{3}}
2217
2218     \endgroup
2219     \clearpage}

```

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:

```

2220 \setcounter{tocdepth}{0}
2221 \renewcommand\thesection{%
2222     \@arabic\c@section}
2223 \renewcommand\thesubsection{%
2224     \thesection.\@arabic\c@subsection}
2225 \renewcommand\thesubsubsection{%
2226     \thesubsection.\@arabic\c@subsubsection}
2227 \renewcommand\theparagraph{%
2228     \thesubsubsection.\@arabic\c@paragraph}
2229 \renewcommand\thesubparagraph{%
2230     \theparagraph.\@arabic\c@subparagraph}
2231 \else
2232 \fi

```

## 7.8 Frontispiece

```

2233 \AtBeginDocument{%
2234 \@ifpackagewith{frontespizio}{suftesi}{%
2235 \ifsuftesi@periodical
2236     \Margini {5.5cm}{7cm}{4.5cm}{0cm}
2237     \else
2238 \ifsuftesi@compact
2239     \Margini {4.5cm}{7cm}{4.5cm}{0cm}
2240     \else
2241 \ifsuftesi@supercompact
2242     \Margini {4.5cm}{10cm}{6cm}{1cm}
2243     \else
2244 \ifsuftesi@compactaureo
2245     \Margini {4.5cm}{7cm}{4.5cm}{0cm}
2246     \else

```

```

2247 \ifsuftesi@supercompactaureo
2248   \Margini {4.5cm}{10cm}{6cm}{1cm}
2249   \else
2250 \ifsuftesi@periodicalaureo
2251   \Margini {5.5cm}{7cm}{4.5cm}{0cm}
2252   \else
2253 \fi\fi\fi\fi\fi\fi}
2254 {\@ifpackageloaded{frontespizio}{%
2255 \ifsuftesi@periodical
2256   \Margini {1cm}{7cm}{5cm}{1cm}
2257   \Rientro{1cm}
2258   \else
2259 \ifsuftesi@compact
2260   \Margini {1cm}{7cm}{6cm}{1cm}
2261   \Rientro{1cm}
2262   \else
2263 \ifsuftesi@supercompact
2264   \Margini {1cm}{10cm}{8cm}{1cm}
2265   \Rientro{1cm}
2266   \else
2267 \ifsuftesi@compactaureo
2268   \Margini {1cm}{7cm}{6cm}{1cm}
2269   \Rientro{1cm}
2270   \else
2271 \ifsuftesi@supercompactaureo
2272   \Margini {1cm}{10cm}{8cm}{1cm}
2273   \Rientro{1cm}
2274   \else
2275 \ifsuftesi@periodicalaureo
2276   \Margini {1cm}{7cm}{5cm}{1cm}
2277   \Rientro{1cm}
2278   \else
2279 \fi\fi\fi\fi\fi\fi}
2280 {\relax}}

```

## 7.9 The index

```

2281 \renewenvironment{theindex}
2282   {\if@twocolumn
2283     \@restonecolfalse
2284     \else
2285       \@restonecoltrue
2286     \fi
2287   \ifsuftesi@article
2288     \twocolumn[\section*{\indexname}]{%
2289     \else
2290     \twocolumn[\@makeschapterhead{\indexname}]{%
2291     \fi
2292     \@mkboth{\indexname}{\indexname}%
2293     \thispagestyle{plain}%
2294     \raggedright%

```

```

2295 \parindent\z@
2296 \parskip\z@ \@plus .3\p@\relax
2297 \columnseprule \z@
2298 \columnsep 35\p@
2299 \let\item\@idxitem}
2300 {\if@restonecol\onecolumn\else\clearpage\fi}

```

## 7.10 Appendices

```

2301 \RequirePackage{appendix}
2302 \noappendicestocpagenum
2303 % Bug using defaultfont=none,libertine,standard,compatibility
2304 % \AtBeginEnvironment{appendices}{\appendix\mainmatter}
2305 \def\appendicesname{%
2306   \ClassError{suftesi}%
2307   {Command \noexpand\appendicesname undefined\MessageBreak
2308   Redefine the \noexpand\appendixpagename command instead.
2309   See the 'appendix' package documentation.\MessageBreak
2310   \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}}
2311 {Command \noexpand\appendicesname undefined\MessageBreak
2312   Redefine the \noexpand\appendixpagename command instead.
2313   See the 'appendix' package documentation.\MessageBreak
2314   \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}}
2315 \renewcommand{\@chap@pppage}{%
2316   \clear@ppage
2317   \thispagestyle{plain}%
2318   \if@twocolumn\onecolumn\@tempswatrue\else\@tempswafalse\fi
2319   \null\vfil
2320   \markboth{}{}%
2321   {\centering
2322     \interlinepenalty \@M
2323     \normalfont
2324     \SUF@chaptersize
2325     \SUF@CHAP@StyleSwitch\expandafter\appendixpagename\par}%
2326   \if@dotoc@pp
2327   \addappheadtotoc
2328   \fi
2329   \vfil\newpage
2330   \if@twoside
2331   \if@openright
2332   \null
2333   \thispagestyle{empty}%
2334   \newpage
2335   \fi
2336   \fi
2337   \if@tempswa
2338   \twocolumn
2339   \fi}
2340 \renewcommand{\@sec@pppage}{%
2341   \par
2342   \addvspace{4ex}%

```

```

2343 \@afterindentfalse
2344 {\parindent \z@ \raggedright
2345   \interlinepenalty \@M
2346   \normalfont
2347   \SUF@chaptersize
2348   \SUF@CHAP@StyleSwitch\expandafter\appendixpagename%
2349   \markboth{}{}\par}%
2350 \if@dotoc@pp
2351 \addappheadtotoc
2352 \fi
2353 \nobreak
2354 \vskip 3ex
2355 \@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@thecontentslabel or \SUF@SEC@thecontentslabel.

```

2356 \def\suf@appendixtoc{%
2357   \ifsuftesi@pagelefttoc
2358   \titlecontents{chapter}
2359   [\SUF@tochang@chap]
2360   {\addvspace{2ex}}
2361   {\hskip-\SUF@tochang@chap%
2362     \makebox[1em][l]{\thecontentspage}%
2363     \hskip\SUF@addto@tochang@chap%
2364     \makebox[\SUF@label@chap][l]{%
2365       \thecontentslabel}\hspace*{1em}%
2366     \SUF@tocCHAP@font}
2367   {\hskip-\SUF@tochang@chap%
2368     \makebox[1em][l]{\thecontentspage}%
2369     \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
2370   {}
2371   [\addvspace{1ex}]
2372   \ifsuftesi@toccompactsec
2373   \titlecontents*{section}[\SUF@tochang@chap]{}{%
2374     \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2375     \thecontentspage}[][.\adjtocpagesep][\suf@ctocdotsec]
2376   \else
2377   \titlecontents{section}
2378   [\SUF@tochang@sec]
2379   {}
2380   {\hskip-\SUF@tochang@sec%
2381     \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2382     \makebox[\SUF@label@sec][l]{%
2383     \ifsuftesi@article\SUF@toclabelnum%
2384     \else\fi\thecontentslabel}\hspace*{1em}%
2385     \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
2386     \SUF@tocSEC@font}

```

```

2387 {\hskip-\SUF@tochang@sec%
2388 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2389 \SUF@tocSEC@font}
2390 {}
2391 \fi
2392 \else
2393 \titlecontents{chapter}
2394 [\SUF@tocindent@chap]
2395 {\addvspace{2ex}}
2396 {\hskip-\SUF@tocindent@chap%
2397 \makebox[\SUF@label@chap][l]{\thecontentslabel}%
2398 \hspace*{1em}%
2399 \SUF@tocCHAP@font}
2400 {\hskip-\SUF@tocindent@chap%
2401 \SUF@tocCHAP@font}
2402 {\SUF@chaptitlerule\contentspage}
2403 [\addvspace{1ex}]
2404 \ifsuftesi@toccompactsec
2405 \titlecontents*{section}[\SUF@tocindent@chap]{}{%
2406 \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2407 \thecontentspage}][. \adjtocpagesep][\suf@ctocdotsec]
2408 \else
2409 \titlecontents{section}
2410 [\SUF@tocindent@sec]
2411 {}
2412 {\hskip-\dimexpr(\SUF@label@sec+1em)%
2413 % \makebox[\SUF@label@sec][l]{%
2414 % \ifsuftesi@article\SUF@toclabelnum%
2415 % \else\fi\thecontentslabel}\hspace*{1em}%
2416 \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
2417 \SUF@tocSEC@font}
2418 {\hskip-\dimexpr(\SUF@label@sec+1em)%
2419 \SUF@tocSEC@font}
2420 {\ifsuftesi@article\SUF@chaptitlerule%
2421 \else\SUF@titlerule\fi\contentspage}
2422 \fi}
2423 \ifsuftesi@article
2424 \renewcommand\appendix{\par
2425 \suf@appendixtoc%
2426 \setcounter{section}{0}%
2427 \setcounter{subsection}{0}%
2428 \gdef\SUF@thesection{\@Alph\c@section}%
2429 \gdef\SUF@HEAD@thesection{\@Alph\c@section}%
2430 \renewcommand{\thesection}{\@Alph\c@section}}
2431 \else
2432 \renewcommand\appendix{\par
2433 \suf@appendixtoc%
2434 \setcounter{chapter}{0}%
2435 \setcounter{section}{0}%
2436 \gdef\@chapapp{\appendixname}%
2437 \gdef\SUF@thechapter{\@Alph\c@chapter}%

```

```

2438 \gdef\SUF@HEAD@thechapter{\@Alph\c@chapter}%
2439 \renewcommand{\thechapter}{\@Alph\c@chapter}}
2440 \fi

```

## 7.11 Headings

```

2441 \RequirePackage{fancyhdr}
2442 \newcommand{\versionstring}[1]{\def\version@string{#1}}
2443 \versionstring{Version of}
2444 \AtBeginDocument{%
2445 \pagestyle{fancy}
2446 \renewcommand{\headrulewidth}{0pt}
2447 \renewcommand{\footnoterule}{}
2448 \def\SUF@versionstring{\texttt{\version@string} \today}}

```

### The default headers

```

2449 \renewcommand{\chaptermark}[1]{%
2450 \markboth{\chaptertitlename\ \protect\SUF@HEAD@thechapter}{#1}}
2451 \ifsuftesi@article
2452 \renewcommand{\sectionmark}[1]{\markright{\protect\SUF@HEAD@thesection.\ #1}}
2453 \else
2454 \renewcommand{\sectionmark}[1]{}
2455 \fi

```

### The plain style

```

2456 \fancypagestyle{plain}{\fancyhf{}}

```

### The sufplain style

```

2457 \fancypagestyle{sufplain}{%
2458 \fancyhf{}}%
2459 \fancyfoot[RE,LO]{%
2460 \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2461 \fancyfoot[C]{\footnotesize\SUF@thepage}}

```

### The centerheader style

```

2462 \fancypagestyle{centerheader}{%
2463 \fancyhf{}}%
2464 \fancyfoot[RE,LO]{%
2465 \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2466 \fancyhead[CO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
2467 \fancyhead[CE]{\footnotesize\breakinbodyfalse%
2468 \SUF@LR@MarkSwitch}
2469 \fancyfoot[C]{\footnotesize\SUF@thepage}}

```

### The sufdefault style

```

2470 \fancypagestyle{sufdefault}{%

```

```

2471 \fancyhf{}%
2472 \fancyfoot[RE,LO]{%
2473   \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2474 \fancyhead[LE,RO]{\footnotesize\SUF@thepage}
2475 \fancyhead[LO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
2476 \fancyhead[RE]{\footnotesize\breakinbodyfalse%
2477   \SUF@LR@MarkSwitch}}
2478 \ifsuftesi@article
2479   \ifsuftesi@authortitle
2480     \def\SUF@LR@MarkSwitch{\SUF@leftmark}
2481   \else
2482     \def\SUF@LR@MarkSwitch{\SUF@rightmark}
2483   \fi
2484 \else
2485   \def\SUF@LR@MarkSwitch{\SUF@leftmark}
2486 \fi
2487 \def\SUF@leftrightmark{%
2488   \if@mainmatter\leftmark\else\rightmark\fi}
2489 \pagestyle{sufdefault}
2490 \ifsuftesi@centerheader\pagestyle{centerheader}\else\fi
2491 \ifsuftesi@sufplain\pagestyle{sufplain}\else\fi

```

## 7.12 Text elements

**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 \par indent.

```

2492 \renewenvironment{quotation}
2493   {\list{}{\listparindent\parindent%
2494     \itemindent \listparindent
2495     \leftmargin \parindent
2496     \SUF@quote@style
2497     \parsep \z@ \@plus\p@}%
2498   \item\relax%
2499   \SUF@quotation@size%
2500   \noindent\ignorespaces}
2501 {\endlist}
2502 \renewenvironment{quote}
2503   {\list{}{\leftmargin \parindent
2504     \SUF@quote@style}%
2505   \item\relax%
2506   \SUF@quotation@size}% \ignorespaces?
2507 {\endlist}
2508 \renewenvironment{verse}
2509   {\let\\\@centercr
2510    \list{}{\itemsep \z@
2511      \itemindent -1.5em%
2512      \listparindent\itemindent
2513      \rightmargin \leftmargin
2514      \advance\leftmargin 1.5em}%
2515   \item\relax

```



```

2516 \SUF@quotation@size}
2517 {\endlist}

```

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

```

2518 \ifsuftesi@fewfootnotes
2519 \AtBeginDocument{%
2520 \def\@fnsymbol#1{\ensuremath{\ifcase#1\or*\or{*}{*}\or{*}{*}{*}\or%
2521 \ClassError{suftesi}%
2522 {Too many footnotes}\MessageBreak
2523 Remove the class option 'fewfootnote'}
2524 {Too many footnotes}\MessageBreak
2525 Remove the class option 'fewfootnote'}
2526 \else\@ctrerr\fi}}}
2527 \def\thefootnote{\@fnsymbol\c@footnote}%
2528 \else\fi

```

**The \xfootnote command** Prints a footnote with discretionary symbol give in the first argument.

```

2529 \newcommand*\xfootnote[1][*]{%
2530 \xdef\@thefnmark{#1}%
2531 \@footnotemark\@footnotetext}

```

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

```

2532 \def\SUF@mpsetup{%
2533 \itshape
2534 \footnotesize%
2535 \parindent=0pt \lineskip=0pt \lineskiplimit=0pt%
2536 \tolerance=2000 \hyphenpenalty=300 \exhyphenpenalty=300%
2537 \doublehyphendemerits=100000%
2538 \finalhyphendemerits=\doublehyphendemerits}
2539 \let\oldmarginpar\marginpar
2540 \renewcommand{\marginpar}[1]{\oldmarginpar%
2541 [\SUF@mpsetup\raggedleft\hspace{0pt}{#1}]%
2542 {\SUF@mpsetup\raggedright\hspace{0pt}{#1}}}

```

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:

```

2543 \AtBeginDocument{%
2544 \@ifpackageloaded{todonotes}{%
2545 \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
2546 \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
2547 \node [coordinate] (inText) {};%
2548 \end{tikzpicture}%
2549 \oldmarginpar[% Draw note in left margin
2550 \@todonotes@drawMarginNote%

```

```

2551 \@todonotes@drawLineToLeftMargin%
2552 }]{% Draw note in right margin
2553 \@todonotes@drawMarginNote%
2554 \@todonotes@drawLineToRightMargin%
2555 }
2556 }
2557 }
2558 {\relax}}

```

## Abstract

```

2559 \ifsuftesi@collection
2560 \newenvironment{abstract}{%
2561 \if@twocolumn
2562 \section*{\abstractname}%
2563 \else
2564 \small
2565 \begin{center}%
2566 {\abstractname\vspace{-.5em}\vspace{\z@}}%
2567 \end{center}%
2568 \quotation
2569 \fi}
2570 {\if@twocolumn\else\endquotation\fi\vspace{6ex}}
2571 \else
2572 \if@titlepage
2573 \newenvironment{abstract}{%
2574 \titlepage
2575 \null\vfil
2576 \@beginparpenalty\@lowpenalty
2577 \begin{center}%
2578 \abstractname
2579 \@endparpenalty\@M
2580 \end{center}}%
2581 {\par\vfil\null\endtitlepage}
2582 \else
2583 \newenvironment{abstract}{%
2584 \if@twocolumn
2585 \section*{\abstractname}%
2586 \else
2587 \small
2588 \begin{center}%
2589 {\abstractname\vspace{-.5em}\vspace{\z@}}%
2590 \end{center}%
2591 \quotation
2592 \fi}
2593 {\if@twocolumn\else\endquotation\fi}
2594 \fi
2595 \fi
2596 \newcommand\abstractname{Abstract}

```

## Colophon or copyright notice

```
2597 \newcommand{\colophon}[3][\%
2598   \thispagestyle{empty}
2599   \null
2600   \vfill
2601   \def\next{#2}
2602   \ifx\next\@empty\else
2603     \noindent Copyright \copyright{} \the\year~#2\[\[1ex]
2604     Tutti i diritti riservati
2605   \fi
2606   \vfill
2607   {\small\noindent Questo lavoro \e stato composto con \LaTeX{}%
2608     \def\next{#1}
2609     \ifx\next\@empty\else su #1
2610     \fi usando la classe \textsf{suftesi} di
2611     Ivan Valbusa\index{Valbusa, Ivan}. #3\par}
2612   \cleardoublepage}
2613 \newcommand{\bookcolophon}[2]{%
2614   \thispagestyle{empty}
2615   \null
2616   \vfill
2617   \noindent #1
2618   \vfill
2619   {\small\noindent #2\par}
2620   \cleardoublepage}
2621 \newcommand{\artcolophon}[1]{%
2622   \thispagestyle{empty}
2623   \null
2624   \vfill
2625   {\small\noindent #1\par}}
2626 \newcommand{\finalcolophon}[1]{%
2627   \thispagestyle{empty}
2628   \null\vspace*{\stretch{1}}
2629   \begin{center}
2630   \begin{minipage}{.5\textwidth}
2631     \centering\small #1
2632   \end{minipage}
2633   \end{center}
2634   \vspace*{\stretch{6}}}
```

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

```
2635 \ifsuftesi@FSPL
2636 \newcommand{\FSPLcolophon}[1][\the\year]{%
2637   \begingroup
2638   \thispagestyle{empty}
2639   \null\vspace*{\stretch{1}}
2640   \noindent \hskip-.5em\cc #1 \@author%
2641   \vskip1ex
2642 }
```

```

2643 \small\noindent This work is licensed under the Creative Commons
2644 Attribution-NonCommercial-NoDerivs 3.0 Unported License.
2645 To view a copy of this license,
2646 visit http://creativecommons.org/licenses/by-nc-nd/3.0/.
2647
2648 \endgroup
2649
2650 \begingroup
2651 \footnotesize
2652
2653 \null\vspace{\stretch{1}}
2654
2655 \noindent Typeset with \LaTeX{} in collaboration with the Joint Project
2656 \emph{Formal Style for PhD Theses with \LaTeX} (University of Verona,
2657 Italy) using the \textsf{suftesi} class by Ivan Valbusa. The text face
2658 is Palatino, designed by Hermann Zapf. The sans serif font is Iwona by
2659 Janusz M.~Nowacki.
2660
2661 \endgroup
2662
2663 \clearpage}
2664 \else
2665 \def\F SPLcolophon{%
2666   \ClassError{suftesi}
2667     {\noexpand\F SPLcolophon is defined\MessageBreak
2668      only for the FSPL styles}
2669     {\noexpand\F SPLcolophon is defined\MessageBreak
2670      only for the FSPL styles}}
2671 \fi

```

## 7.13 ToC, LoF and LoT

```

2672 \RequirePackage{titletoc}

```

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

```

2673 \newlength\SUF@label@chap
2674 \setlength\SUF@label@chap{.5em}
2675 \newcommand*{\toclabelwidth}[2]{%
2676   \AtBeginDocument{
2677     \addtolength{\csname SUF@label@#1\endcsname}{#2}%
2678     \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.

```

2679 \newcommand{\adjtoclabelsep}{\hskip.2em plus 1pt minus 1pt}
2680 \newcommand{\adjtocpagesep}{\hskip.5em plus 2pt minus 1pt}

```

A class error if the obsolete \toclabelspace is used:

```

2681 \newcommand{\toclabelspace}{%
2682   \ClassError{suftesi}
2683     {\MessageBreak
2684       \noexpand\toclabelspace is not more defined\MessageBreak
2685       Use \noexpand\toclabelwidth instead.\MessageBreak
2686       See package documentation for details}
2687     {\MessageBreak
2688       \noexpand\toclabelspace is not more defined\MessageBreak
2689       Use \noexpand\toclabelwidth instead.\MessageBreak
2690       See package documentation for details}}

```

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

```

2691 \newlength{\SUF@tochang}
2692 \setlength{\SUF@tochang}{3em}
2693 \AtBeginDocument{%
2694   \newlength\SUF@label@part
2695   \newlength\SUF@label@sec
2696   \newlength\SUF@label@subsec
2697   \newlength\SUF@label@subsubsec
2698   \newlength\SUF@label@par
2699   \newlength\SUF@label@subpar
2700   \newlength\SUF@label@fig
2701   \newlength\SUF@label@tab
2702   \setlength\SUF@label@part
2703     {\SUF@label@chap}
2704   \setlength\SUF@label@sec
2705     {\dimexpr(\SUF@label@chap+.5em)}
2706   \setlength\SUF@label@subsec
2707     {\dimexpr(\SUF@label@sec+.5em)}
2708   \setlength\SUF@label@subsubsec
2709     {\dimexpr(\SUF@label@subsec+.5em)}
2710   \setlength\SUF@label@par
2711     {\dimexpr(\SUF@label@subsubsec+.5em)}
2712   \setlength\SUF@label@subpar
2713     {\dimexpr(\SUF@label@par+.5em)}
2714   \setlength\SUF@label@fig
2715     {\SUF@label@sec}
2716   \setlength\SUF@label@tab
2717     {\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.

```

2718 %\titlecontents{part}
2719 % [0em]
2720 % {\addvspace{3ex}}
2721 % {\partname\hspace*{.5em}\makebox[\SUF@label@part][l]{%
2722 %   \SUF@PART@thecontentslabel}\hspace*{1em}\SUF@tocPART@font}
2723 % {\SUF@tocPART@font}

```

```

2724 % {}
2725 % [\advspace{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.

```

2726 \ifsuftesi@pagelefttoc
2727 \contentsmargin{0pt}
2728 \AtBeginDocument{%
2729 \newlength\SUF@tochang@chap
2730 \newlength\SUF@tochang@sec
2731 \newlength\SUF@tochang@subsec
2732 \newlength\SUF@tochang@subsubsec
2733 \newlength\SUF@tochang@par
2734 \newlength\SUF@tochang@subpar
2735 \newlength\SUF@tochang@fig
2736 \newlength\SUF@tochang@tab
2737 \newlength\SUF@addto@tochang@chap
2738 \newlength\SUF@addto@tochang@sec
2739 \newlength\SUF@addto@tochang@subsec
2740 \newlength\SUF@addto@tochang@subsubsec
2741 \newlength\SUF@addto@tochang@par
2742 \newlength\SUF@addto@tochang@subpar
2743 \newlength\SUF@addto@tochang@fig
2744 \newlength\SUF@addto@tochang@tab
2745 \setlength\SUF@tochang@chap
2746     {\dimexpr(1em+\SUF@tochang+\SUF@label@chap+1em)}
2747 \setlength\SUF@tochang@sec
2748     {\dimexpr(\SUF@tochang@chap+\SUF@label@sec+1em)}
2749 \setlength\SUF@tochang@subsec
2750     {\dimexpr(\SUF@tochang@sec+\SUF@label@subsec+1em)}
2751 \setlength\SUF@tochang@subsubsec
2752     {\dimexpr(\SUF@tochang@subsec+\SUF@label@subsubsec+1em)}
2753 \setlength\SUF@tochang@par
2754     {\dimexpr(\SUF@tochang@subsubsec+\SUF@label@par+1em)}
2755 \setlength\SUF@tochang@subpar
2756     {\dimexpr(\SUF@tochang@par+\SUF@label@subpar+1em)}
2757 \setlength\SUF@tochang@fig
2758     {\SUF@tochang@chap}
2759 \setlength\SUF@tochang@tab
2760     {\SUF@tochang@chap}
2761 \setlength\SUF@addto@tochang@chap
2762     {\SUF@tochang}
2763 \setlength\SUF@addto@tochang@sec
2764     {\dimexpr(\SUF@addto@tochang@chap+\SUF@label@sec+.5em)}
2765 \setlength\SUF@addto@tochang@subsec
2766     {\dimexpr(\SUF@addto@tochang@sec+\SUF@label@subsec+.5em)}
2767 \setlength\SUF@addto@tochang@subsubsec
2768     {\dimexpr(\SUF@addto@tochang@subsec+\SUF@label@subsubsec+.5em)}
2769 \setlength\SUF@addto@tochang@par

```

```

2770     {\dimexpr(\SUF@addto@tochang@subsubsec+\SUF@label@par+.5em)}
2771 \setlength\SUF@addto@tochang@subpar
2772     {\dimexpr(\SUF@addto@tochang@par+\SUF@label@subpar+.5em)}
2773 \setlength\SUF@addto@tochang@fig
2774     {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}
2775 \setlength\SUF@addto@tochang@tab
2776     {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}}

```

## ToC entries

```

2777 \titlecontents{chapter}
2778   [\SUF@tochang@chap]
2779   {\addvspace{2ex}}
2780   {\hskip-\SUF@tochang@chap%
2781     \makebox[1em][l]{\thecontentspage}%
2782     \hskip\SUF@addto@tochang@chap%
2783     \makebox[\SUF@label@chap][l]{%
2784       \SUF@CHAP@thecontentslabel}\hspace*{1em}%
2785       \SUF@tocCHAP@font}
2786   {\hskip-\SUF@tochang@chap%
2787     \makebox[1em][l]{\thecontentspage}%
2788     \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
2789   {}
2790   [\addvspace{1ex}]
2791 \ifsuftesi@toccompactsec
2792 \titlecontents*{section}[\SUF@tochang@chap]{}{%
2793   \SUF@SEC@thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2794   \thecontentspage}[][.\adjtocpagesep][\suf@ctocdotsec]
2795 \else
2796 \titlecontents{section}
2797   [\SUF@tochang@sec]
2798   {}
2799   {\hskip-\SUF@tochang@sec%
2800     \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2801     \makebox[\SUF@label@sec][l]{%
2802       \ifsuftesi@article\SUF@toclabelnum%
2803       \else\fi\thecontentslabel}\hspace*{1em}%
2804     \makebox[\SUF@label@sec][l]{\SUF@SEC@thecontentslabel}\hspace*{1em}%
2805     \SUF@tocSEC@font}
2806   {\hskip-\SUF@tochang@sec%
2807     \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2808     \SUF@tocSEC@font}
2809   {}
2810 \fi
2811 \ifsuftesi@toccompactsubsec
2812 \titlecontents*{subsection}[\SUF@tochang@sec]{\suf@sscorrect}{%
2813   \SUF@SUBSEC@thecontentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}{\SUF@tocSUBSEC@font}{,
2814   \thecontentspage}[][.\adjtocpagesep][\suf@ctocdotsssec]
2815 \else
2816 \titlecontents{subsection}
2817   [\SUF@tochang@subsec]

```

```

2818 {}
2819 {\hskip-\SUF@tochang@subsec%
2820 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
2821 \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@thecontentslabel}\hspace*{1em}%
2822 \SUF@tocSUBSEC@font}
2823 {\hskip-\SUF@tochang@subsec%
2824 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
2825 \SUF@tocSUBSEC@font}
2826 {}
2827 \fi
2828 \ifsuftesi@toccompactsubsubsec
2829 \titlecontents*{subsubsection}{\SUF@tochang@subsec}{\suf@ssscorrect}{%
2830 \SUF@SUBSUBSEC@thecontentslabel\adjtoclabelsep%
2831 \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
2832 \thecontentspage}[.]\adjtocpagesep][\suf@ctocdotsssec]
2833 \else
2834 \titlecontents{subsubsection}
2835 [\SUF@tochang@subsubsec]
2836 {}
2837 {\hskip-\SUF@tochang@subsubsec%
2838 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
2839 \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@thecontentslabel}\hspace*{1em}%
2840 \SUF@tocSUBSUBSEC@font}
2841 {\hskip-\SUF@tochang@subsubsec%
2842 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
2843 \SUF@tocSUBSUBSEC@font}
2844 {}
2845 \fi
2846 \titlecontents{paragraph}
2847 [\SUF@tochang@par]
2848 {}
2849 {\hskip-\SUF@tochang@par%
2850 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par%
2851 \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}}
2852 {\hskip-\SUF@tochang@par%
2853 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par}
2854 {}
2855 \titlecontents{subparagraph}
2856 [\SUF@tochang@subpar]
2857 {}
2858 {\hskip-\SUF@tochang@subpar%
2859 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar%
2860 \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}}
2861 {\hskip-\SUF@tochang@subpar%
2862 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar}
2863 {}
2864 \titlecontents{figure}
2865 [\SUF@tochang@fig]
2866 {}
2867 {\hskip-\SUF@tochang@fig%
2868 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@fig%

```



```

2869 \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
2870 {}
2871 {}
2872 \titlecontents{table}
2873 [\SUF@tochang@tab]
2874 {}
2875 {\hskip-\SUF@tochang@tab%
2876 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@tab%
2877 \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
2878 {}
2879 {}
2880 \else

```

## Default ToC

```

2881 \AtBeginDocument{%
2882 \newlength\SUF@tocindent@chap
2883 \newlength\SUF@tocindent@sec
2884 \newlength\SUF@tocindent@subsec
2885 \newlength\SUF@tocindent@subsubsec
2886 \newlength\SUF@tocindent@par
2887 \newlength\SUF@tocindent@subpar
2888 \newlength\SUF@tocindent@fig
2889 \newlength\SUF@tocindent@tab
2890 \ifsuftesi@article
2891 \setlength\SUF@tocindent@sec
2892 {\dimexpr(\SUF@label@chap+1.5em)}
2893 \setlength\SUF@tocindent@subsec
2894 {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
2895 \setlength\SUF@tocindent@subsubsec
2896 {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
2897 \setlength\SUF@tocindent@par
2898 {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
2899 \setlength\SUF@tocindent@subpar
2900 {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
2901 \setlength\SUF@tocindent@fig
2902 {\dimexpr(\SUF@label@chap+1.5em)}
2903 \setlength\SUF@tocindent@tab
2904 {\dimexpr(\SUF@label@chap+1.5em)}
2905 \else
2906 \setlength\SUF@tocindent@chap
2907 {\dimexpr(\SUF@label@chap+1em)}
2908 \setlength\SUF@tocindent@sec
2909 {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec+1em)}
2910 \setlength\SUF@tocindent@subsec
2911 {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
2912 \setlength\SUF@tocindent@subsubsec
2913 {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
2914 \setlength\SUF@tocindent@par
2915 {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
2916 \setlength\SUF@tocindent@subpar

```

```

2917     {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
2918 \setlength\SUF@tocindent@fig
2919     {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
2920 \setlength\SUF@tocindent@tab
2921     {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
2922 \fi}

```

## ToC entries

```

2923 \titlecontents{chapter}
2924   [\SUF@tocindent@chap]
2925   {\addvspace{2ex}}
2926   {\hskip-\SUF@tocindent@chap%
2927     \makebox[\SUF@label@chap][l]{\SUF@CHAP@thecontentslabel}%
2928     \hspace*{1em}%
2929     \SUF@tocCHAP@font}
2930   {\hskip-\SUF@tocindent@chap%
2931     \SUF@tocCHAP@font}
2932   {\SUF@chaptitlerule\contentspage}
2933   [\addvspace{1ex}]
2934 \ifsuftesi@toccompactsec
2935 \titlecontents*{section}[\SUF@tocindent@chap]{\}%
2936   \SUF@SEC@thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2937   \thecontentspage}[[.\adjtocpagesep][\suf@ctocdotsec]
2938 \else
2939 \titlecontents{section}
2940   [\SUF@tocindent@sec]
2941   {}
2942   {\hskip-\dimexpr(\SUF@label@sec+1em)%
2943   %     \makebox[\SUF@label@sec][l]{%
2944   %     \ifsuftesi@article\SUF@toclabelnum%
2945   %     \else\fi\thecontentslabel}\hspace*{1em}%
2946   \makebox[\SUF@label@sec][l]{\SUF@SEC@thecontentslabel}\hspace*{1em}%
2947   \SUF@tocSEC@font}
2948   {\hskip-\dimexpr(\SUF@label@sec+1em)%
2949   \SUF@tocSEC@font}
2950   {\ifsuftesi@article\SUF@chaptitlerule%
2951   \else\SUF@titlerule\fi\contentspage}
2952 \fi
2953 \ifsuftesi@toccompactsubsec
2954 \titlecontents*{subsection}[\SUF@tocindent@sec]{\suf@sscorrect}{%
2955   \SUF@SUBSEC@thecontentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}{\SUF@tocSUBSEC@font}{,
2956   \thecontentspage}[[.\adjtocpagesep][\suf@ctocdotssec]
2957 \else
2958 \titlecontents{subsection}
2959   [\SUF@tocindent@subsec]
2960   {}
2961   {\hskip-\dimexpr(\SUF@label@subsec+1em)%
2962   \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@thecontentslabel}\hspace*{1em}%
2963   \SUF@tocSUBSEC@font}
2964   {\hskip-\dimexpr(\SUF@label@subsec+1em)%

```

```

2965 \SUF@tocSUBSEC@font}
2966 {\SUF@titlerule\contentspage}
2967 \fi
2968 \ifsuftesi@toccompactsubsubsec
2969 \titlecontents*{subsubsection}[\SUF@tocindent@subsec]{\suf@ssscorrect}{%
2970 \SUF@SUBSUBSEC@thecontentslabel\adjtoclabelsep%
2971 \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
2972 \thecontentspage}][\.\adjtocpagesep][\suf@ctocdotsssec]
2973 \else
2974 \titlecontents{subsubsection}
2975 [\SUF@tocindent@subsubsec]
2976 {}
2977 {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
2978 \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@thecontentslabel}\hspace*{1em}%
2979 \SUF@tocSUBSUBSEC@font}
2980 {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
2981 \SUF@tocSUBSUBSEC@font}
2982 {\SUF@titlerule\contentspage}
2983 \fi
2984 \titlecontents{paragraph}
2985 [\SUF@tocindent@par]
2986 {}
2987 {\hskip-\dimexpr(\SUF@label@par+1em)%
2988 \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}}
2989 {\hskip-\dimexpr(\SUF@label@par+1em)}
2990 {\SUF@titlerule\contentspage}
2991 \titlecontents{subparagraph}
2992 [\SUF@tocindent@subpar]
2993 {}
2994 {\hskip-\dimexpr(\SUF@label@subpar+1em)%
2995 \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}}
2996 {\hskip-\dimexpr(\SUF@label@subpar+1em)}
2997 {\SUF@titlerule\contentspage}
2998 \titlecontents{figure}
2999 [\SUF@tocindent@fig]
3000 {}
3001 {\hskip-\SUF@tocindent@fig%
3002 \makebox[\SUF@label@fig][l]{\thecontentslabel}\hspace*{1em}}
3003 {}
3004 {\SUF@titlerule\contentspage}
3005 \titlecontents{table}
3006 [\SUF@tocindent@tab]
3007 {}
3008 {\hskip-\SUF@tocindent@tab%
3009 \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
3010 {}
3011 {\SUF@titlerule\contentspage}
3012 \fi

```

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

```

3013 \ifsuftesi@article
3014 \renewcommand\tableofcontents{%
3015     \vspace{2ex}%
3016     \section*{\contentsname}%
3017     \@mkboth{\contentsname}{\contentsname}%
3018     \thispagestyle{empty}
3019     \ifsuftesi@twocolumntoc
3020         \begin{multicols}{2}
3021             \@starttoc{toc}%
3022         \end{multicols}
3023     \else
3024         \@starttoc{toc}%
3025     \fi
3026     \vspace{2ex}%
3027 }
3028 \renewcommand\listoffigures{%
3029     \vspace{2ex}%
3030     \section*{\listfigurename}%
3031     \@mkboth{\listfigurename}{\listfigurename}%
3032     \thispagestyle{empty}
3033     \ifsuftesi@twocolumnlof
3034         \begin{multicols}{2}
3035             \@starttoc{lof}%
3036         \end{multicols}
3037     \else
3038         \@starttoc{lof}%
3039     \fi
3040     \vspace{2ex}%
3041 }
3042 \renewcommand\listoftables{%
3043     \vspace{2ex}%
3044     \section*{\listtablename}%
3045     \@mkboth{\listtablename}{\listtablename}%
3046     \thispagestyle{empty}
3047     \ifsuftesi@twocolumnlot
3048         \begin{multicols}{2}
3049             \@starttoc{lot}%
3050         \end{multicols}
3051     \else
3052         \@starttoc{lot}%
3053     \fi
3054     \vspace{2ex}%
3055 }
3056 \else

```

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

```

3057 \renewcommand\tableofcontents{%
3058     \if@twocolumn
3059         \@restonecoltrue\onecolumn
3060     \else

```

```

3061     \@restonecolfalse
3062 \fi
3063 \chapter*{\contentsname}%
3064     \@mkboth{%
3065         \contentsname}
3066         {\contentsname}%
3067 \thispagestyle{empty}
3068 \ifsuftesi@twocolumntoc
3069     \begin{multicols}{2}
3070         \@starttoc{toc}%
3071     \end{multicols}
3072 \else
3073     \@starttoc{toc}%
3074 \fi
3075 \if@restonecol\twocolumn\fi
3076 }
3077 \renewcommand\listoffigures{%
3078     \if@twocolumn
3079         \@restonecoltrue\onecolumn
3080     \else
3081         \@restonecolfalse
3082     \fi
3083 \chapter*{\listfigurename}%
3084     \@mkboth{\listfigurename}%
3085             {\listfigurename}%
3086 \thispagestyle{empty}
3087 \ifsuftesi@twocolumnlof
3088     \begin{multicols}{2}
3089         \@starttoc{lof}%
3090     \end{multicols}
3091 \else
3092     \@starttoc{lof}%
3093 \fi
3094 \if@restonecol\twocolumn\fi
3095 }
3096 \renewcommand\listoftables{%
3097     \if@twocolumn
3098         \@restonecoltrue\onecolumn
3099     \else
3100         \@restonecolfalse
3101     \fi
3102 \chapter*{\listtablename}%
3103     \@mkboth{%
3104         \listtablename}%
3105         {\listtablename}%
3106 \thispagestyle{empty}
3107 \ifsuftesi@twocolumnlot
3108     \begin{multicols}{2}
3109         \@starttoc{lot}%
3110     \end{multicols}
3111 \else

```

```

3112         \@starttoc{lot}%
3113     \fi
3114     \if@restonecol\twocolumn\fi
3115 }
3116 \fi

```

## 7.14 Customizing sections font

```

3117 \newcommand{\tocpartname}[1]{\def\SUF@tocpartname{#1}}
3118 \tocpartname{\partname}
3119 \newcommand{\partfont}[1]{\def\SUF@PART@StyleSwitch{#1}}
3120 \newcommand{\chapfont}[1]{\def\SUF@CHAP@StyleSwitch{#1}}
3121 \newcommand{\secfont}[1]{\def\SUF@SEC@StyleSwitch{#1}}
3122 \newcommand{\subsecfont}[1]{\def\SUF@SUBSEC@StyleSwitch{#1}}
3123 \newcommand{\subsubsecfont}[1]{\def\SUF@SUBSUBSEC@StyleSwitch{#1}}
3124 \newcommand{\partnumfont}[1]{\def\SUF@PART@font{#1}}
3125 \partnumfont{}
3126 \newcommand{\chapnumfont}[1]{\def\SUF@thechapter{#1}}
3127 \newcommand{\secnumfont}[1]{\def\SUF@thesection{#1}}
3128 \newcommand{\subsecnumfont}[1]{\def\SUF@thesubsection{#1}}
3129 \newcommand{\subsubsecnumfont}[1]{\def\SUF@thesubsubsubsection{#1}}
3130 \newcommand{\titlefont}[1]{\def\SUF@titlefont@Switch{#1}}
3131 \newcommand{\authorfont}[1]{\def\SUF@authorfont@Switch{#1}}
3132 \newcommand{\tocpartfont}[1]{\def\SUF@tocPART@font{#1}}
3133 \newcommand{\tocchapfont}[1]{\def\SUF@tocCHAP@font{#1}}
3134 \newcommand{\tocsecfont}[1]{\def\SUF@tocSEC@font{#1}}
3135 \newcommand{\tocsubsecfont}[1]{\def\SUF@tocSUBSEC@font{#1}}
3136 \newcommand{\tocsubsubsecfont}[1]{\def\SUF@tocSUBSUBSEC@font{#1}}
3137 \newcommand{\tocpartnumfont}[1]{\def\SUF@tocPARTnum@font{#1}}
3138 \tocpartnumfont{}
3139 \newcommand{\tocchapnumfont}[1]{%
3140 \def\SUF@CHAP@thecontentslabel{#1\thecontentslabel}}
3141 \newcommand{\tocsecnumfont}[1]{%
3142 \def\SUF@SEC@thecontentslabel{#1\thecontentslabel}}
3143 \newcommand{\tocsubsecnumfont}[1]{%
3144 \def\SUF@SUBSEC@thecontentslabel{#1\thecontentslabel}}
3145 \newcommand{\tocsubsubsecnumfont}[1]{%
3146 \def\SUF@SUBSUBSEC@thecontentslabel{#1\thecontentslabel}}

```

## 7.15 New commands

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.

```

3147 \ifsuftesi@article
3148 \def\chapterintro{%
3149 \ClassError{suftesi}
3150 {Command \noexpand\chapterintro is undefined\MessageBreak
3151 using 'structure=article'}
3152 {Command \noexpand\chapterintro is undefined\MessageBreak

```

```

3153     using 'structure=article'}}
3154 \else
3155 \def\chapterintro{\@ifstar{%
3156   \@tempswafalse\@chapterintro}{\@tempwattrue\@chapterintro}}
3157 \def\@chapterintro{\phantomsection
3158   \if@tempswa\section*{\SUF@fchapterintroname}\fi
3159   \addcontentsline{toc}{section}{\SUF@fchapterintroname}}
3160 \newcommand{\chapterintroname}[1]{\def\SUF@fchapterintroname{#1}}
3161 \chapterintroname{Introduzione}
3162 \fi

```

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.

```

3163 \newif\ifbreakintoc\breakintocfalse
3164 \newif\ifbreakinbody\breakinbodytrue
3165 \DeclareRobustCommand{\breakintoc}
3166   {\ifbreakintoc\\else\fi}
3167 \DeclareRobustCommand{\breakinbody}
3168   {\ifbreakinbody\\else\fi}
3169 \DeclareRobustCommand{\breakinbodyleft}
3170   {\ifbreakinbody\newline\else\fi}
3171 \let\origtableofcontents\tableofcontents
3172 \renewcommand{\tableofcontents}{%
3173   \begingroup
3174     \breakintoctrue\breakinbodyfalse%
3175     \origtableofcontents
3176   \endgroup}
3177 \DeclareRobustCommand{\headbreak}
3178   {\ifbreakintoc\\else\fi}
3179 \DeclareRobustCommand{\xheadbreak}
3180   {\ifbreakinbody\\else\fi}
3181 \DeclareRobustCommand{\yheadbreak}
3182   {\ifbreakinbody\newline\else\fi}

```

## 7.16 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.

```

3183 \newenvironment{bibliografia}{%
3184   \ifsuftesi@article

```

```

3185 \section*{\refname}
3186 \addcontentsline{toc}{section}{\refname}
3187 \else
3188 \chapter{\bibname}%
3189 \fi
3190 \normalfont \list{}{}%
3191 \setlength{\itemindent}{-\parindent}
3192 \setlength{\leftmargin}{\parindent}
3193 \setlength{\labelwidth}{0pt}
3194 \setlength{\parsep}{\parskip}
3195 \let\makelabel{}
3196 {\endlist}
3197 \newcommand{\losname}{Sigle}
3198 \newcommand{\itlabel}[1]{\itshape\hbox to 6em{#1}}
3199 \newenvironment{sigle}{}%
3200 \chapter{\losname}
3201 \normalfont \list{}{}%
3202 \setlength{\labelsep}{0.5em}
3203 \setlength{\itemindent}{0pt}
3204 \setlength{\leftmargin}{6em}
3205 \setlength{\labelwidth}{\leftmargin}
3206 \setlength{\listparindent}{\parindent}
3207 \setlength{\parsep}{\parskip}
3208 \let\makelabel\itlabel}}
3209 {\endlist}

```

## 7.17 Final settings

```

3210 \ifsuftesi@article
3211 \renewcommand\frontmatter{\ClassError{suftesi}
3212 {Command \noexpand\frontmatter is undefined\MessageBreak
3213 using 'structure=article'}
3214 {Command \noexpand\frontmatter is undefined\MessageBreak
3215 using 'structure=article'}}}
3216 \renewcommand\mainmatter{\ClassError{suftesi}
3217 {Command \noexpand\mainmatter is undefined\MessageBreak
3218 using 'structure=article'}
3219 {Command \noexpand\mainmatter is undefined\MessageBreak
3220 using 'structure=article'}}}
3221 \renewcommand\backmatter{\ClassError{suftesi}
3222 {Command \noexpand\backmatter is undefined\MessageBreak
3223 using 'structure=article'}
3224 {Command \noexpand\backmatter is undefined\MessageBreak
3225 using 'structure=article'}}}
3226 \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.

```

3227 \renewcommand\frontmatter{\cleardoublepage\@mainmatterfalse}

```



```

3228 \renewcommand\mainmatter{\cleardoublepage\@mainmattertrue}
3229 \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`.

```

3230 \@ifpackageloaded{babel}
3231   {\AtBeginDocument{\RequirePackage{fixltxhyph}}{}}
3232 \@ifpackageloaded{polyglossia}
3233   {\AtBeginDocument{\RequirePackage{fixltxhyph}}{}}
3234 \let\hemph\emph

```

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

```

3235 \unless\ifPDFTeX% if xetex or luatex
3236   \let\@afterindenttrue\@afterindentfalse
3237   \else
3238     \relax
3239 \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.

```

3240 \frenchspacing

```

## References

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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 . . . . 21

New option elements, nomarginpar, nocrop, sufelements, compact, supercompact . . . . . 26

### v0.6

General: English documentation. Renamed options plain and fullplain to centerheadings and sufplain. . . . . 1

New command \artcolophon . . . 20

New command \bookcolophon . . 20

New option authortitle . . . . . 26

### v0.6a

General: Maintenance release, no changes . . . . . 1

v0.6b	General: Improved full compatibility with Xe <sub>La</sub> TeX. varioref and footmisc packages are no longer loaded . . . . .	1	New command \xfootnote . . . . .	22	
v0.6c	General: Maintenance release, no changes . . . . .	1	New option fewfootnotes . . . . .	16	
v0.7	General: Maintenance release, no changes. Provided a thesis template . . . . .	1	New option greekfont . . . . .	13	
v0.8	General: Added macro for using frontespizio package with compact and supercompact options. . . . .	1	New option pagestyle . . . . .	12	
	New option periodical . . . . .	26	New option parindent . . . . .	17	
	Renewed \title command . . . . .	22	New option partpage . . . . .	17	
v0.9	General: Improved compatibility with mathspec . . . . .	1	New option quotationfont . . . . .	16	
	New option dottedtoc, raggedtoc . . . . .	26	New option quotestyle . . . . .	16	
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 option structure . . . . .	12	
	New command \toclabelspace . . . . .	22	New option tocstyle . . . . .	15	
	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, tocpagelleft, dottedpart, rmstyle(1-6), itstyle(1-12), scstyle(1-12), standardfootnote, smallcapsheader . . . . .	26	Restored 11pt and 12pt option to default . . . . .	1	
v0.9b	General: Changed standardfootnote option and renamed to footnotestyle . . . . .	16	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 . . . . .	17
			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 . . . . .	25
				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 \tableofcontents 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	v2.2	General: Maintenance release. . . . .
v1.8	General: Maintenance release. Corrected a bug in the definition of \appendix . . . . .	1	v2.3	General: Maintenance release. . . . .
v1.9	General: Added italic, smallcaps and sanserif values for captionstyle option. New twocolcontents option. New supercompactaureo page layout. Changed \toclabelwidth command and renamed to \toclabelwidth. New collection document structure . . . . .	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. . . . .
v1.9a	General: Maintenance release. Updated greek support. Updated documentation. . . . .	1	v2.5	General: Corrected a bug when loading CB Greek fonts. Renamed option documentstructure to structure. Updated documentation. . . . .
v1.9b	General: Corrected a bug in “toc”, “lof” and “lot” commands. . . . .	1	v2.6	General: New mathfont option for non-standard fonts. New command \makecover for printing the cover page. Updated documentation. . . . .
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	v2.7	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. . . . .
v2.0	General: New page layout standardaureo. Enhanced support for Lua <sup>®</sup> TeX. Headers settings are now executed \AtBeginDocument. Loaded ifluatex and ifthen packages. Added listparindent to \setlist options. Updated documentation. . . . .	1	v2.7.1	General: Corrected a bug in v.2.7 (missing some \fi commands). . . . .
v2.0.1	General: Corrected a bug in version option. . . . .	1	v2.8	General: textcase no longer loaded. Changed definitions of \suftesi@MakeTextLowercase, \SUF@titlesmallcaps, \headbreak, \xheadbreak. . . . .
v2.1	General: New option toc<level>font. Updated documentation. Removed \includeart command . . . . .	1		

v2.9	General: New options toauthorfont and toctitlefont. Added macros\suftesi@MakeTextTOCLowercase and \SUF@TOCtitlesmallcaps. Improved \xheadbreak command. New templates book, theses-template-article, theses-template-book. . . . .	1	Removed \apepdicesname command. . . . .	1
v2.9.1	General: Added libertinust1math package for Libertine font. Added luatex85 for LuaTeX engine . . . .	1	v2.9.6a	General: Maintenance release . . . . .
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	v2.9.7	General: New option fontsize. The parindent options now accepts arbitrary values. Updated documentation. . . . .
v2.9.3	General: New commands to change the font of the section titles and numbers. . . . .	21	v2.9.8	General: Removed license restrictions. Updated documentation. . . . .
v2.9.4	General: New commands to change the font of the title of the articles and of the author's name in the collections	25	v2.9.9	General: Removed a bug with \appendix and roman chapter numbers in table of contents. Updated documentation. . . . .
v2.9.5	General: Restored templates folder. New template book-customize. New mechanism for the appendices through the appendix package. . .	1	v2.9.9a (2.9.10)	General: Corrected a bug using the otherlanguage environment with greekfont option. Updated documentation. . . . .
v2.9.6	General: New option compacttoc. The appendix page title is printed in the font of the chapters by default.		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.
			v3.0	General: Improved biblatex support. Updated documentation. . . . .
			v3.0.1	General: Maintenance release. . . . .

## 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.

<b>Symbols</b>	\@Cauthor 1774, 1802, 1804	\@Cfoot 1776, 1823, 1826
\@Alph . . . . . 2428–	\@Ccirclecolor . . . 1778	\@Cfootcolor 1780, 1825
2430, 2437–2439	\@Ceditor 1775, 1818, 1820	\@Cpagecolor 1777, 1794

<code>\@Csubtitle</code> . . . . .	<code>\@headtitle</code> . . . 737,	<code>\@pnumwidth</code> . . . . .
. . 1773, 1813, 1815	741, 1851, 1854,	. . 2100, 2101, 2106
<code>\@Ctextcolor</code> . . . . .	2080, 2083, 2178	<code>\@restonecolfalse</code> .
. . . . 1779, 1804,	<code>\@highpenalty</code> 2097, 2123	. . . . . 2283,
1810, 1815, 1820	<code>\@idxitem</code> . . . . . 2299	3061, 3081, 3100
<code>\@Ctitle</code> 1772, 1808, 1810	<code>\@ifpackageloaded</code> .	<code>\@restonecoltrue</code> . .
<code>\@M</code> . . . . . 1651, 1665,	. . . . 1239, 1713,	. . . . . 2285,
2322, 2345, 2579	1742, 1790, 2254,	3059, 3079, 3098
<code>\@Roman</code> . . . . .	2544, 3230, 3232	<code>\@roman</code> . . . . .
488, 503, 521, 536,	<code>\@ifpackagewith</code> . . 2234	483, 498, 516, 531,
551, 563, 578, 590	<code>\@ifstar</code> . . . . . 3155	547, 559, 574, 586
<code>\@afterheading</code> . . . 2355	<code>\@isbn</code> . . . . . 1842	<code>\@sec@pppage</code> . . . . 2340
<code>\@afterindentfalse</code>	<code>\@issn</code> . 1843, 1848, 1849	<code>\@spart</code> . . . . 1636, 1663
. . . . . 2343, 3236	<code>\@issue</code> 2059, 2060, 2071	<code>\@standardmaketitle</code>
<code>\@afterindenttrue</code> 3236	<code>\@issuename</code> . . . . . 2072	. . . . 2002, 2004,
<code>\@arabic</code> . . . . . 1609,	<code>\@journalname</code> . . . .	2009, 2016, 2021
1611, 1613, 1615,	. . 2050, 2051, 2070	<code>\@starttoc</code> . . . . .
1617, 2222, 2224,	<code>\@journalnumber</code> . . .	3021, 3024, 3035,
2226, 2228, 2230	. . 2056, 2057, 2070	3038, 3049, 3052,
<code>\@author</code> . . . . . 738,	<code>\@journalvolume</code> . . .	3070, 3073, 3089,
742, 1862, 1892,	. . . . . 2053, 2054	3092, 3109, 3112
1919, 1986, 2032,	<code>\@journalwebsite</code> . .	<code>\@tempswafalse</code> . . . .
2091, 2152, 2168,	. . . . . 2065, 2066	. . 1631, 2318, 3156
2177, 2182, 2640	<code>\@journalyear</code> . . . .	<code>\@tempswatru</code> . . . .
<code>\@beginparpenalty</code> 2576	. . 2062, 2063, 2071	. . 1629, 2318, 3156
<code>\@centercr</code> . . . . . 2509	<code>\@latex@warning@no@line</code>	<code>\@textsuperscript</code> .
<code>\@chap@pppage</code> . . . 2315	. . . . 1843, 1846,	1938, 1941, 1996,
<code>\@chapapp</code> . . . . . 2436	1849, 2051, 2054,	1999, 2129, 2132
<code>\@chapterintro</code> . . . .	2057, 2060, 2063,	<code>\@thanks</code> . 1897, 1903,
. . . . . 3156, 3157	2066, 2074, 2077	1924, 1930, 1953,
<code>\@collectioneditor</code>	<code>\@lowpenalty</code> . . . . 2576	1959, 2011, 2017,
. . 2076, 2077, 2215	<code>\@mainmatterfalse</code> 3227	2068, 2069, 2144,
<code>\@collectiontitle</code> .	<code>\@mainmattertrue</code> . 3228	2151, 2189, 2204
. . 2073, 2074, 2212	<code>\@makefnmark</code> . . . . .	<code>\@thefnmark</code> 806, 810,
<code>\@ctrerr</code> . . . . . 2526	. . 1938, 1996, 2129	813, 816, 1938,
<code>\@currentHref</code> 2170, 2172	<code>\@makefntext</code> . . . . .	1941, 1996, 1999,
<code>\@date</code> 1895, 1904, 1922,	. . 805, 808, 812,	2129, 2132, 2530
1931, 1960, 1989,	815, 1939, 1997, 2130	<code>\@title</code> . 1851, 1858,
2018, 2035, 2153	<code>\@makeschapterhead</code> 2290	1877, 1881, 1883,
<code>\@dblarg</code> . . . . 1852, 2081	<code>\@maketitle</code> . . 1944,	1886, 1914, 1971,
<code>\@doi</code> . . . . . 1845, 1846	1946, 1951, 1958,	1975, 1977, 1980,
<code>\@endparpenalty</code> . . 2579	1963, 2135, 2137,	2027, 2080, 2087,
<code>\@endpart</code> . . . . 1661,	2142, 2150, 2160	2154, 2167, 2184
1667, 1670, 1685	<code>\@mkboth</code> . . . . .	<code>\@titlepagefalse</code> 77, 884
<code>\@fnsymbol</code> . . . . .	1716, 1719, 1723,	<code>\@titlepagetrue</code> . . 882
1871, 1937, 1995,	1727, 1745, 1748,	<code>\@todonotes@drawLineToLeftMargin</code>
2128, 2520, 2527	1752, 1756, 2292,	. . . . . 2551
<code>\@footnotemark</code> . . . 2531	3017, 3031, 3045,	<code>\@todonotes@drawLineToRightMargin</code>
<code>\@footnotetext</code> . . . 2531	3064, 3084, 3103	. . . . . 2554
	<code>\@part</code> . . . . . 1636, 1639	<code>\@todonotes@drawMarginNote</code>
	<code>\@plus</code> . 2098, 2296, 2497	. . . . . 2550, 2553

\@todonotes@drawMarginNoteWithOutlinefont . . . . .	3131	1576, 1577, 1580,
..... 2545		1581, 1584, 1585,
\@topnum 1950, 2008, 2141	<b>B</b>	1588, 1589, 1591,
	\backmatter . . . . .	1593, 1601, 1602,
	.. 3221, 3222, 3224	1604, 1744, 1747,
\_ . . 599, 2068, 2450, 2452	\baselineskip . . . .	1750, 1754, 1758,
	68, 1483, 1805, 1820	1760, 3063, 3083,
<b>A</b>	\biblistname . . . . .	3102, 3188, 3200
\abstractname . . . .	1717, 1724, 1730,	\chapterintro 3148,
2562, 2566, 2578,	1746, 1753, 1759	3150, 3152, 3155
2585, 2589, 2596	\bibname . . . . . 1743,	\chapterintroname .
\addappheadtotoc . .	1749, 1757, 3188	..... 3160, 3161
..... 2327, 2351	\bookcolophon . . . 2613	\chaptermark . . . . 2449
\addfontfeature . . .	\breakinbody . . . . 3167	\chaptertitlename 2450
.. 1486, 1488, 1490	\breakinbodyfalse .	\ClassError . . . . .
\addpenalty . . . . . 2097	.... 2466, 2467,	1241, 1601, 1832,
\addtolength 2677, 2678	2475, 2476, 3174	2112, 2306, 2521,
\adjtoclabelsep . . .	\breakinbodyleft . 3169	2666, 2682, 3149,
2374, 2406, 2679,	\breakinbodytrue . 3164	3211, 3216, 3221
2793, 2813, 2830,	\breakintoc . . . . . 3165	\ClassWarningNoLine
2936, 2955, 2970	\breakintocfalse . 3163	51, 53, 55, 57, 59,
\adjtocpagesep . . . .	\breakintoctrue . . 3174	61, 86, 871, 1260,
2375, 2407, 2680,		1268, 1295, 1338,
2794, 2814, 2832,	<b>C</b>	1855, 1859, 1863,
2937, 2956, 2972	\c@chapter . . 2437–2439	2084, 2088, 2092
\alph . . . . . 768, 775, 782	\c@footnote . . . . .	\clear@ppage . . . . 2316
\and . . . . . 1906, 1933,	1871, 1937, 1995,	\cleardoublepage . .
1962, 2020, 2158	2069, 2128, 2527	1621, 2203, 2612,
\appendicesname . . .	\c@paragraph 1615, 2228	2620, 3227, 3228
.. 2305, 2307, 2311	\c@secnumdepth . . . .	\clearpage . . . . 1623,
\appendix 2304, 2424, 2432	..... 1640, 1652	2219, 2300, 2663
\appendixname . . . 2436	\c@section . . . 1609,	\col@number . . . . .
\appendixpagename .	2222, 2428–2430	.. 1943, 2001, 2134
2308, 2310, 2312,	\c@subparagraph . . .	\collectioneditor .
2314, 2325, 2348	..... 1617, 2230	..... 2076, 2078
\arabic . . . . . 454,	\c@subsection 1611, 2224	\collectiontitle . .
463, 475, 476, 490,	\c@subsubsection . .	..... 2073, 2075
491, 508, 509, 523,	..... 1613, 2226	\colophon . . . . . 2597
524, 541, 553, 568,	\c@tocdepth . . . . . 2096	\columnsep . . . . . 2298
580, 767, 774, 781	\captionsetup . . . .	\columnseprule . . . 2297
\artcolophon . . . . 2621	.. 826, 831, 833, 835	\contentsmargin . . 2727
\AtBeginDocument . .	\Cauthor . . . . 1774, 1781	\contentsname . . . .
..... 867, 1238,	\cc . . . . . 2640	.... 3016, 3017,
1257, 1712, 1741,	\Ccirclecolor . . . 1778	3063, 3065, 3066
1789, 2160, 2233,	\Ceditor . . . . 1775, 1784	\contentspage 2402,
2444, 2519, 2543,	\Cfoot . . . . . 1776, 1785	2421, 2932, 2951,
2676, 2693, 2728,	\Cfootcolor . 1780, 1788	2966, 2982, 2990,
2881, 3231, 3233	\chapfont . . . . . 3120	2997, 3004, 3011
\AtBeginEnvironment	\chapnumfont . . . . 3126	\copyright . . . . . 2603
..... 2304	\chapter . . . . .	\Cpagecolor . 1777, 1786
\AtEndPreamble . . . 1429	1502, 1508, 1568,	\crop . . . . . 867, 1230
\author 1864, 2093, 2156	1569, 1572, 1573,	



<code>\csname</code> . 1853, 2082, 2173, 2677, 2678	879, 886, 1117, 1126, 1133, 1142	<code>\frontmatter</code> . 3211, 3212, 3214, 3227
<code>\Csubtitle</code> .. 1773, 1783	<code>\definecolor</code> 1218, 1219	<code>\FSPLcolophon</code> 2636,
<code>\Ctextcolor</code> . 1779, 1787	<code>\disable@keys</code> .... 73, 1073, 1091, 1110	2665, 2667, 2669
<code>\Ctitle</code> .... 1772, 1782	<code>\doi</code> ..... 1845, 1847	<code>\fulljournal</code> .... 2070
<b>D</b>	<code>\dotfill</code> ..... 2105	<b>G</b>
<code>\date</code> ... 1905, 1932, 1961, 2019, 2157	<code>\doublehyphendemerits</code> ..... 2537, 2538	<code>\gdef</code> 1279, 1282, 1285, 1322, 1325, 1328, 1362, 1365, 1368, 1392, 1395, 1398, 1842, 1845, 1848, 1851, 2050, 2053, 2056, 2059, 2062, 2065, 2072, 2073, 2076, 2080, 2428, 2429, 2436–2438
<code>\DeclareFontFamily</code> .. 1437, 1451, 1465	<code>\draw</code> ..... 1794, 1797	<code>\global</code> ..... 1901–1906, 1928– 1933, 1950, 1956– 1962, 2008, 2014– 2020, 2141, 2148– 2158, 2189, 2204
<code>\DeclareFontShape</code> . 1438–1445, 1447– 1449, 1452–1459, 1461–1463, 1466– 1472, 1474–1476	<b>E</b>	<code>\greektext</code> .. 1431, 1434
<code>\DeclareOptionX</code> ... 67	<code>\emph</code> .. 2070, 2656, 3234	<b>H</b>
<code>\DeclareRobustCommand</code> ..... 139–143, 154–158, 170–174, 187–191, 204–208, 221–225, 238–242, 255–259, 272– 276, 290–294, 308–312, 1431, 1485, 1487, 1489, 1492, 1494, 1496, 3165, 3167, 3169, 3177, 3179, 3181	<code>\encodingdefault</code> . 1433	<code>\hbexte</code> ..... 1940, 1998, 2106, 2131
<code>\DeclareTextFontCommand</code> ..... 1434	<code>\endcsname</code> 1853, 2082, 2173, 2677, 2678	<code>\headbreak</code> ..... 3177
<code>\defbibheading</code> .... 1714, 1717, 1720, 1724, 1728, 1730, 1732, 1734, 1737, 1743, 1746, 1749, 1753, 1757, 1759, 1761, 1764, 1768	<code>\endlist</code> . 2501, 2507, 2517, 3196, 3209	<code>\headrulewidth</code> ... 2446
<code>\define@choicekey</code> 70, 84, 96, 111, 121, 135, 325, 343, 361, 379, 388, 397, 406, 415, 424, 433, 442, 451, 472, 505, 538, 565, 592, 608, 632, 661, 670, 679, 688, 697, 706, 715, 724, 745, 764, 788, 795, 802, 818, 827, 837, 843, 850, 857, 869,	<code>\endquotation</code> 2570, 2593	<code>\hemph</code> ..... 3234
	<code>\ensuremath</code> ..... 2520	<code>\hfill</code> ..... 2109, 2119
	<code>\ExecuteOptionsX</code> .. ..... 68, 1151	<code>\hss</code> 1941, 1999, 2106, 2132
	<code>\exhyphenpenalty</code> . 2536	<code>\Huge</code> ..... 1810
	<b>F</b>	<code>\Hy@raisedlink</code> ... 2171
	<code>\f@series</code> ..... 1432	<code>\hyper@anchorend</code> . 2172
	<code>\f@shape</code> ..... 1432	<code>\hyper@anchorstart</code> 2172
	<code>\fancyfoot</code> 2459, 2461, 2464, 2469, 2472	<code>\hyphenpenalty</code> ... 2536
	<code>\fancyhead</code> ... 2466, 2467, 2474–2476	
	<code>\fancyhf</code> ..... 2456, 2458, 2463, 2471	<b>I</b>
	<code>\fancypagestyle</code> 2456, 2457, 2462, 2470	<code>\if@dotoc@pp</code> 2326, 2350
	<code>\finalcolophon</code> ... 2626	<code>\if@mainmatter</code> ... 2488
	<code>\finalhyphendemerits</code> ..... 2538	<code>\if@openright</code> 1620, 1674, 1687, 2331
	<code>\fontencoding</code> ... 1257	<code>\if@restonecol</code> 2300, 3075, 3094, 3114
	<code>\footnote</code> 1870, 1910, 1968, 2026, 2164	<code>\if@tempswa</code> .. 1681, 1693, 2337, 3158
	<code>\footnotemark</code> ... 2068	<code>\if@titlepage</code> 1866, 2572
	<code>\footnoterule</code> .... .. 1869, 1909, 2447	<code>\if@twocolumn</code> 1627, 1942, 2000, 2133, 2282, 2318, 2561,
	<code>\footnotesize</code> . 599, 798, 1868, 1908, 2460, 2461, 2465– 2467, 2469, 2473– 2476, 2534, 2651	
	<code>\footnotetext</code> ... 2069	
	<code>\frenchspacing</code> ... 3240	
	<code>\frontispiece</code> ... 2206	

2570, 2584, 2593, 3058, 3078, 3097	<code>\ifsuftesi@greekfont</code> .. 4, 1259, 1267, 1277, 1320, 1412	<code>\ifsuftesi@sufplain</code> ..... 16, 2491
<code>\ifbreakinbody</code> .... ..... 3164, 3168, 3170, 3180, 3182	<code>\ifsuftesi@libertine</code> ..... 7, 1346	<code>\ifsuftesi@supercompact</code> 23, 1583, 2241, 2263
<code>\ifbreakintoc</code> .... .. 3163, 3166, 3178	<code>\ifsuftesi@mathextended</code> 14, 1308, 1350, 1379	<code>\ifsuftesi@supercompactaureo</code> 24, 1587, 2247, 2271
<code>\ifLuaTeX</code> ..... 1221	<code>\ifsuftesi@mathminimal</code> 13, 1313, 1355, 1384	<code>\ifsuftesi@toccompactsec</code> ..... 47, 2372, 2404, 2791, 2934
<code>\ifPDFTeX</code> .... 1237, 1411, 1484, 3235	<code>\ifsuftesi@nofont</code> . ..... 3, 1258	<code>\ifsuftesi@toccompactsubsec</code> .... 48, 2811, 2953
<code>\ifsuftesi@artemisla</code> . 10, 1281, 1324, 1364, 1394, 1413	<code>\ifsuftesi@numparchap</code> .... 30, 1501, 1514	<code>\ifsuftesi@toccompactsubsubsec</code> .... 49, 2828, 2968
<code>\ifsuftesi@article</code> . 17, 1600, 1669, 1711, 1879, 1973, 2287, 2383, 2414, 2420, 2423, 2451, 2478, 2802, 2890, 2944, 2950, 3013, 3147, 3184, 3210	<code>\ifsuftesi@numparpart</code> ..... 29, 1654	<code>\ifsuftesi@twocolumnlof</code> .... 43, 3033, 3087
<code>\ifsuftesi@authortitle</code> ..... 18, 2479	<code>\ifsuftesi@numparsec</code> ..... 31, 1520	<code>\ifsuftesi@twocolumnlot</code> .... 44, 3047, 3107
<code>\ifsuftesi@bodoni</code> . . 11, 1278, 1321, 1361, 1391, 1419	<code>\ifsuftesi@numparsubsec</code> ..... 32, 1535	<code>\ifsuftesi@twocolumntoc</code> .... 42, 3019, 3068
<code>\ifsuftesi@cbgreek</code> ..... 12, 1287, 1330, 1422, 1435	<code>\ifsuftesi@numparsubsubsec</code> ..... 33, 1550	<code>\ignorespaces</code> 2500, 2506
<code>\ifsuftesi@centerheader</code> ..... 15, 2490	<code>\ifsuftesi@pagelefttoc</code> 41, 2111, 2357, 2726	<code>\index</code> ..... 2611
<code>\ifsuftesi@cochineal</code> ..... 6, 1374	<code>\ifsuftesi@palatino</code> ..... 8, 1303	<code>\indexname</code> ..... .. 2288, 2290, 2292
<code>\ifsuftesi@collection</code> .... 46, 2040, 2559	<code>\ifsuftesi@partpage</code> 39, 1619, 1633, 1671	<code>\interlinepenalty</code> . ..... 1651, 1665, 2322, 2345
<code>\ifsuftesi@compact</code> 21, 1575, 2238, 2259	<code>\ifsuftesi@periodical</code> 19, 1567, 2235, 2255	<code>\isbn</code> ..... 1842, 1844, 1848, 1850
<code>\ifsuftesi@compactaureo</code> 22, 1579, 2244, 2267	<code>\ifsuftesi@periodicalaureo</code> 20, 1571, 2250, 2275	<code>\issue</code> ..... 2059, 2061
<code>\ifsuftesi@compatibility</code> ..... 2, 1273	<code>\ifsuftesi@porson</code> . .. 9, 1284, 1327, 1367, 1397, 1416	<code>\issuename</code> ..... 2072
<code>\ifsuftesi@dottedtoc</code> ..... 27, 2105	<code>\ifsuftesi@raggedtoc</code> ..... 28, 2108	<code>\item</code> ..... 2299, 2498, 2505, 2515
<code>\ifsuftesi@draftdate</code> 37, 2460, 2465, 2473	<code>\ifsuftesi@reverseauthoritle</code> .... 45, 2166, 2181	<code>\itemindent</code> ..... .... 2494, 2511, 2512, 3191, 3203
<code>\ifsuftesi@fewfootnotes</code> ..... 38, 2518	<code>\ifsuftesi@screen</code> . ..... 25, 1229	<code>\itemsep</code> ..... 2510
<code>\ifsuftesi@FSPL</code> ... .... 40, 1225, 2635	<code>\ifsuftesi@screencentered</code> ..... 26, 1231	<code>\itemlabel</code> .... 3198, 3208
	<code>\ifsuftesi@smallcapschap</code> .... 35, 1876, 1970	<code>\itshape</code> ... 402, 411, 420, 429, 438, 666, 675, 684, 693, 702, 711, 720, 752, 753, 763, 1138, 1147, 1701, 2533, 3198
	<code>\ifsuftesi@smallcapspart</code> ..... 34	<b>J</b>
	<code>\ifsuftesi@smallcapssec</code> .... 36, 1880, 1974	<code>\journalname</code> 2050, 2052
	<code>\ifsuftesi@standard</code> ..... 5, 1265	<code>\journalnumber</code> .... ..... 2056, 2058
		<code>\journalvolume</code> .... ..... 2053, 2055

\journalwebsite ...  
         ..... 2065, 2067  
 \journalyear 2062, 2064

## L

\l@title ..... 2095  
 \label ..... 2169,  
         2192, 2194, 2202  
 \labelitemi ..... 761  
 \labelsep ..... 3202  
 \labelwidth . 3193, 3205  
 \LARGE ..... 1914, 2027  
 \Large ..... 139,  
         140, 154, 155, 1815  
 \LaTeX . 2607, 2655, 2656  
 \leftmargin .. 2495,  
         2503, 2513, 2514,  
         3192, 3204, 3205  
 \leftmark ..... 2488  
 \leftskip 809, 2102, 2103  
 \lineskip 1890, 1917,  
         1984, 2030, 2535  
 \lineskiplimit... 2535  
 \list ... 2493, 2503,  
         2510, 3190, 3201  
 \listfigurename 3030,  
         3031, 3083–3085  
 \listoffigures ....  
         ..... 3028, 3077  
 \listoftables 3042, 3096  
 \listparindent 2493,  
         2494, 2512, 3206  
 \listtablename ....  
         .... 3044, 3045,  
         3102, 3104, 3105  
 \lmfntscale . 1288, 1331  
 \LoadClass ..... 65  
 \losname .... 3197, 3200  
 \lowercase ..... 446

## M

\mainmatter .....  
         .... 2304, 3216,  
         3217, 3219, 3228  
 \makecover ... 1791,  
         1832, 1834, 1838  
 \makelabel .. 3195, 3208  
 \MakeLowercase ... 445  
 \maketitle 1867, 1902,  
         1929, 1935, 1957,  
         2015, 2126, 2149

\Margini .....  
         2236, 2239, 2242,  
         2245, 2248, 2251,  
         2256, 2260, 2264,  
         2268, 2272, 2276  
 \marginpar 841, 2539, 2540  
 \markboth .... 1649,  
         2320, 2349, 2450  
 \markright ... 1763,  
         1767, 2080, 2452  
 Miede, André ..... 80

## N

\newcounter .....  
         .. 2041–2044, 2046  
 \newlength ... 1482,  
         1499, 2673, 2691,  
         2694–2701, 2729–  
         2744, 2882–2889  
 \newline 2177, 3170, 3182  
 \noappendicestocpagenum  
         ..... 2302  
 \nobreak .....  
         2104, 2106, 2109,  
         2119, 2180, 2353  
 \node ..... 1796,  
         1799, 1824, 2547  
 \noindent .....  
         1653, 1660, 1666,  
         1939, 1997, 2130,  
         2500, 2603, 2607,  
         2617, 2619, 2625,  
         2640, 2643, 2655  
 \nr .. 70, 72, 84, 89, 96,  
         98, 111, 113, 121,  
         123, 135, 138, 325,  
         327, 343, 345, 361,  
         363, 379, 381, 388,  
         390, 397, 399, 406,  
         408, 415, 417, 424,  
         426, 433, 435, 442,  
         444, 451, 453, 472,  
         474, 505, 507, 538,  
         540, 565, 567, 592,  
         594, 608, 610, 632,  
         634, 661, 663, 670,  
         672, 679, 681, 688,  
         690, 697, 699, 706,  
         708, 715, 717, 724,  
         726, 745, 747, 764,  
         766, 788, 790, 795,

797, 802, 804, 818,  
 820, 827, 829, 837,  
 839, 843, 845, 850,  
 852, 857, 859, 869,  
 874, 879, 881, 886,  
 894, 1117, 1119,  
 1126, 1128, 1133,  
 1135, 1142, 1144

## O

\oldmarginpar ....  
         .. 2539, 2540, 2549  
 \onecolumn .....  
         1628, 2300, 2318,  
         3059, 3079, 3098  
 \origtableofcontents  
         ..... 3171, 3175

## P

\p@ . 1873, 1912, 2098,  
         2296, 2298, 2497  
 \pagestyle .....  
         .. 2445, 2489–2491  
 \paragraph .. 1697, 1703  
 \parfillskip .... 2101  
 \parsep 2497, 3194, 3207  
 \parskip 2296, 3194, 3207  
 \part ..... 1618  
 \partfont ..... 3119  
 \partname 1653, 2721, 3118  
 \partnumfont 3124, 3125  
 \PassOptionsToClass 62  
 \penalty ..... 2123  
 \phantomsection .. 3157  
 Poll, Philipp H. .... 5  
 \ProcessOptionsX ..  
         ..... 69, 1193  
 \protect .....  
         1855, 1859, 1863,  
         2069, 2084, 2088,  
         2092, 2450, 2452  
 \protected@xdef .. 2068

## Q

\quotation .. 2568, 2591

## R

\raggedleft ..... 2541  
 \raggedright .....  
         .. 2294, 2344, 2542  
 \refname . 1714, 1720,  
         1728, 1732, 1734,

1737, 1761, 1764,  
1768, 3185, 3186  
\refstepcounter ...  
.. 1641, 2161, 2191  
\renewenvironment .  
..... 2281,  
2492, 2502, 2508  
\Rientro .....  
2257, 2261, 2265,  
2269, 2273, 2277  
\rightmargin . 791, 2513  
\rightmark 727, 731, 2488  
\rightskip ..... 2100  
\rlap .. 1938, 1996, 2129  
\rmdefault ..... 1430  
\Roman .... 460, 469,  
485, 486, 500, 501,  
518, 519, 533, 534,  
549, 561, 576, 588  
\roman ..... 457,  
466, 480, 481, 495,  
496, 513, 514, 528,  
529, 545, 557, 572,  
584, 769, 776, 783

## S

\secdef ..... 1636  
\secfont ..... 3121  
\secnumfont ..... 3127  
\section .....  
1521, 1526, 1528,  
1533, 1715, 1718,  
1721, 1725, 1729,  
1731, 1762, 1765,  
1769, 2288, 2562,  
2585, 3016, 3030,  
3044, 3158, 3185  
\sectionmark 2452, 2454  
\sectionsep .. 1482,  
1483, 1526, 1533,  
1541, 1548, 1556,  
1563, 1703, 1710  
\setlength ..... 67,  
1483, 1515, 1517,  
2674, 2692, 2702,  
2704, 2706, 2708,  
2710, 2712, 2714,  
2716, 2745, 2747,  
2749, 2751, 2753,  
2755, 2757, 2759,  
2761, 2763, 2765,

2767, 2769, 2771,  
2773, 2775, 2891,  
2893, 2895, 2897,  
2899, 2901, 2903,  
2906, 2908, 2910,  
2912, 2914, 2916,  
2918, 2920, 3191–  
3194, 3202–3207  
\setlist ..... 762,  
763, 767–772,  
774–779, 781–786  
\sfdefault ..... 1276  
\small ... 800, 1868,  
1890, 1895, 1908,  
1984, 1989, 2564,  
2587, 2607, 2619,  
2625, 2631, 2643  
\smallskip ..... 1815  
\standardtitle ....  
..... 1907, 1993  
\subparagraph 1704, 1710  
\subsecfont ..... 3122  
\subsecnumfont ... 3128  
\subsection .. 1536,  
1541, 1543, 1548,  
1733, 1735, 1738  
\substitutefont .. 1430  
\subsubsecfont ... 3123  
\subsubsecnumfont 3129  
\subsubsection 1551,  
1556, 1558, 1563  
\SUF@addto@tochang@chap  
2363, 2369, 2737,  
2761, 2764, 2774,  
2776, 2782, 2788  
\SUF@addto@tochang@fig  
.. 2743, 2773, 2868  
\SUF@addto@tochang@par  
.... 2741, 2769,  
2772, 2850, 2853  
\SUF@addto@tochang@sec  
..... 2381,  
2388, 2738, 2763,  
2766, 2800, 2807  
\SUF@addto@tochang@subpar  
..... 2742,  
2771, 2859, 2862  
\SUF@addto@tochang@subsec  
.... 2739, 2765,  
2768, 2820, 2824

\SUF@addto@tochang@subsubsec  
.... 2740, 2767,  
2770, 2838, 2842  
\SUF@addto@tochang@tab  
.. 2744, 2775, 2876  
\SUF@ADJnumparchap  
..... 1499,  
1515, 1517, 1568,  
1572, 1576, 1580,  
1584, 1588, 1592  
\suf@appendixtoc ..  
.. 2356, 2425, 2433  
\SUF@authorfont@Switch  
1145, 1147, 1149,  
2168, 2182, 3131  
\SUF@CHAP@StyleSwitch  
..... 409, 411,  
413, 1506, 1512,  
2325, 2348, 3120  
\SUF@CHAP@thecontentslabel  
..... 478,  
483, 488, 493, 498,  
503, 2784, 2927, 3140  
\SUF@chapswitch . 74,  
78, 82, 508, 513,  
518, 523, 528, 533  
\SUF@chaptersize 140,  
155, 171, 188,  
205, 222, 239,  
256, 273, 291,  
309, 1503, 1509,  
1875, 1969, 2162,  
2212, 2324, 2347  
\SUF@chaptitlerule  
..... 596,  
600, 604, 2402,  
2420, 2932, 2950  
\suf@ctocdotsec ...  
..... 616, 2375,  
2407, 2794, 2937  
\suf@ctocdotsssec ..  
617, 624, 2814, 2956  
\suf@ctocdotsssec .  
..... 618,  
625, 630, 2832, 2972  
\SUF@default@CHAPTER  
..... 1500, 1565  
\SUF@default@SECTIONS  
..... 1519, 1566

\SUF@dotchap . . . . .	2919, 2921, 2942, 2943, 2946, 2948	\SUF@PART@font . . . . .	1653, 3124
477, 482, 487, 492, 497, 502, 1504, 1510	\SUF@label@subpar .	\SUF@PART@StyleSwitch	400, 402, 404, 1660, 1666, 3119
\SUF@dotpart . . . . .	2699, 2712, 2756, 2772, 2860, 2900, 2917, 2994–2996	\SUF@PART@thecontentslabel	2722
455, 458, 461, 464, 467, 470, 1644, 1653	\SUF@label@subsec .	\SUF@partsize .	139, 154, 170, 187, 204, 221, 238, 255, 272, 290, 308, 1650, 1664
\SUF@dotsec . . . . .	2696, 2706, 2709, 2750, 2766, 2821, 2894, 2911, 2961, 2962, 2964	\SUF@quotation@size	798, 800, 2499, 2506, 2516
510, 515, 520, 525, 530, 535, 1523, 1530	\SUF@label@subsubsec	\SUF@quote@style . .	791, 793, 2496, 2504
\SUF@dotsubsec . . . .	2697, 2708, 2711, 2752, 2768, 2839, 2896, 2913, 2977, 2978, 2980	\SUF@Rheadstyle . . .	727, 731, 737, 741, 748, 752, 756
542, 546, 550, 554, 558, 562, 1538, 1545	\SUF@label@tab . . . .	\SUF@rightmark . . . .	727, 731, 737, 741, 2466, 2475, 2482
\SUF@dotsubsubsec .	2701, 2716, 2869, 2877, 3009	\SUF@SEC@StyleSwitch	418, 420, 422, 1525, 1532, 3121
569, 573, 577, 581, 585, 589, 1553, 1560	\SUF@leftmark . . . .	\SUF@SEC@thecontentslabel	511, 516, 521, 526, 531, 536, 2793, 2804, 2936, 2946, 3142
\SUF@fchapterintroname	728, 732, 738, 742, 2480, 2485	\SUF@sectionsize	141, 156, 172, 189, 206, 223, 240, 257, 274, 292, 310, 1522, 1529
. . . . . 3158–3160	\SUF@leftrightmark	\suf@esscorrect .	614, 622, 628, 2812, 2954
\SUF@greekfamily . .	728, 732, 2487	\suf@ssscorrect	615, 623, 629, 2829, 2969
1414, 1417, 1420, 1423, 1430, 1432	\SUF@Lheadstyle . . .	\SUF@SUBSEC@StyleSwitch	427, 429, 431, 1540, 1547, 3122
\SUF@HEAD@thechapter	728, 732, 738, 742, 749, 753, 757	\SUF@SUBSEC@thecontentslabel	543, 547, 551, 555, 559, 563, 2813, 2821, 2955, 2962, 3144
476, 481, 486, 491, 496, 501, 2438, 2450	\SUF@lr@CHAPSwitch	\SUF@subsectionsize	142, 157, 173, 190, 207, 224, 241, 258, 275,
\SUF@HEAD@thesection	346, 348, 350, 352, 355, 358, 1503, 1509		
509, 514, 519, 524, 529, 534, 2429, 2452	\SUF@lr@coll@titleSwitch		
\SUF@headingsmallcaps	1120, 1122, 1124, 2163		
756–758, 1489, 1496	\SUF@LR@MarkSwitch		
\SUF@label@chap . . .	2468, 2477, 2480, 2482, 2485		
. . . . 2364, 2397, 2673, 2674, 2703, 2705, 2746, 2774, 2776, 2783, 2892, 2902, 2904, 2907, 2919, 2921, 2927	\SUF@lr@PARTSwitch		
\SUF@label@fig . . . .	328, 330, 332, 334, 337, 340, 1650, 1664		
. . 2700, 2714, 3002	\SUF@lr@SECSwitch .		
\SUF@label@par 2698, 2710, 2713, 2754, 2770, 2851, 2898, 2915, 2987–2989	364, 366, 368, 370, 373, 376, 1522, 1529		
\SUF@label@part . . .	\SUF@lr@SUBSECSwitch		
. . 2694, 2702, 2721	382, 384, 386, 1537, 1544		
\SUF@label@sec . . . .	\SUF@lr@SUBSUBSECSwitch		
2382, 2385, 2412, 2413, 2416, 2418, 2695, 2704, 2707, 2715, 2717, 2748, 2764, 2774, 2776, 2801, 2804, 2909,	391, 393, 395, 1552, 1559		
	\SUF@mpsetup . . . . .		
	. . 2532, 2541, 2542		

293, 311, 1537, 1544, 1552, 1559	\SUF@tocAUT@font .. . 709, 711, 713, 2177	\SUF@tocindent@sec .... 2410, 2883, 2891, 2894, 2908, 2911, 2940, 2954
\SUF@SUBSUBSEC@StyleSwitch ..... 436, 438, 440, 1555, 1562, 3123	\SUF@tocCHAP@font . .. 673, 675, 677, 2366, 2369, 2399, 2401, 2785, 2788, 2929, 2931, 3133	\SUF@tocindent@subpar ..... 2887, 2899, 2916, 2992
\SUF@SUBSUBSEC@thecontentslabel ..... 570, 574, 578, 582, 586, 590, 2830, 2839, 2970, 2978, 3146	\SUF@tochang . 2691, 2692, 2746, 2762	\SUF@tocindent@subsec ..... 2884, 2893, 2896, 2910, 2913, 2959, 2969
\SUF@subsubsectionsize .. 143, 158, 174, 191, 208, 225, 242, 259, 276, 294, 312	\SUF@tochang@chap . ..... 2359, 2361, 2367, 2373, 2729, 2745, 2748, 2758, 2760, 2778, 2780, 2786, 2792	\SUF@tocindent@subsubsec 2885, 2895, 2898, 2912, 2915, 2975
\SUF@thechapter 475, 480, 485, 490, 495, 500, 1504, 1510, 2437, 3126	\SUF@tochang@fig .. ..... 2735, 2757, 2865, 2867	\SUF@tocindent@tab .... 2889, 2903, 2920, 3006, 3008
\SUF@thepage 750, 754, 758, 2461, 2469, 2474	\SUF@tochang@par .. 2733, 2753, 2756, 2847, 2849, 2852	\SUF@toclabelnum .. ..... 2383, 2414, 2802, 2944
\SUF@thepart ..... 454, 457, 460, 463, 466, 469, 1643, 1653	\SUF@tochang@sec .. ..... 2378, 2380, 2387, 2730, 2747, 2750, 2797, 2799, 2806, 2812	\SUF@tocPART@font . ..... 664, 666, 668, 1644, 1647, 2722, 2723, 3132
\SUF@thesection 508, 513, 518, 523, 528, 533, 541, 545, 549, 553, 557, 561, 1523, 1530, 2428, 3127	\SUF@tochang@subpar .... 2734, 2755, 2856, 2858, 2861	\SUF@tocpartname .. ..... 1643, 3117
\SUF@thesubsection .. 541, 545, 549, 553, 557, 561, 568, 572, 576, 580, 584, 588, 1538, 1545, 3128	\SUF@tochang@subsec ..... 2731, 2749, 2752, 2817, 2819, 2823, 2829	\SUF@tocPARTnum@font ..... 1643, 3137
\SUF@thesubsubsection ..... 568, 572, 576, 580, 584, 588, 1553, 1560, 3129	\SUF@tochang@subsubsec 2732, 2751, 2754, 2835, 2837, 2841	\SUF@tocSEC@font 682, 684, 686, 2374, 2386, 2389, 2406, 2417, 2419, 2793, 2805, 2808, 2936, 2947, 2949, 3134
\SUF@thesubsubsection ..... 568, 572, 576, 580, 584, 588, 1553, 1560, 3129	\SUF@tochang@tab .. ..... 2736, 2759, 2873, 2875	\SUF@tocSUBSEC@font ..... 691, 693, 695, 2813, 2822, 2825, 2955, 2963, 2965, 3135
\SUF@titlefont@Switch 1136, 1138, 1140, 2167, 2184, 3130	\SUF@tocindent@chap ..... 2394, 2396, 2400, 2405, 2882, 2906, 2909, 2919, 2921, 2924, 2926, 2930, 2935	\SUF@tocSUBSUBSEC@font ..... 700, 702, 704, 2831, 2840, 2843, 2971, 2979, 2981, 3136
\SUF@titlerule .... ..... 595, 599, 603, 2421, 2951, 2966, 2982, 2990, 2997, 3004, 3011	\SUF@tocindent@fig .... 2888, 2901, 2918, 2999, 3001	\SUF@tocTIT@font .. . 718, 720, 722, 2178
\SUF@titlesmallcaps 404, 413, 422, 431, 440, 1140, 1149, 1487, 1494, 1877, 1881, 1971, 1975	\SUF@tocindent@par 2886, 2897, 2900, 2914, 2917, 2985	\SUF@TOCtitlesmallcaps ..... 668, 677, 686, 695, 704, 713, 722, 1485, 1492

<code>\SUF@versionstring</code>	<code>\suftesi@MakeTextTOCLowercase</code>	<code>\suftesi@twocolumnlofttrue</code>
..... 2448,	446, 449, 1486, 1493	.. 638, 645, 652, 657
2460, 2465, 2473	<code>\suftesi@mathextendedfalse</code>	<code>\suftesi@twocolumnlottrue</code>
<code>\SUFFntscale</code> .....	..... 115	.. 641, 649, 653, 658
1279, 1282, 1285,	<code>\suftesi@mathextendedtrue</code>	<code>\suftesi@twocolumntoctrue</code>
1322, 1325, 1328,	..... 119	.. 635, 644, 648, 656
1362, 1365, 1368,	<code>\suftesi@mathminimalfalse</code>	
1392, 1395, 1398,	..... 114	<b>T</b>
1438–1445, 1447–	<code>\suftesi@mathminimaltrue</code>	<code>\tableofcontents</code> ..
1449, 1452–1459,	..... 117	..... 3014,
1461–1463, 1466–	<code>\suftesi@nofonttrue</code> 99	3057, 3171, 3172
1472, 1474–1476	<code>\suftesi@numparchaptrue</code>	<code>\texorpdfstring</code> .. 2177
<code>\suftesi@artemisiatrue</code>	..... 353, 356, 359	<code>\textbullet</code> ..... 761
..... 126	<code>\suftesi@numparparttrue</code>	<code>\textgreek</code> ..... 1434
<code>\suftesi@articletrue</code>	..... 335, 338, 341	<code>\textls</code> 1493, 1495, 1497
..... 76	<code>\suftesi@numparsectrue</code>	<code>\textnormal</code> .. 1538,
<code>\suftesi@authortitletrue</code>	..... 371, 374, 377	1545, 1553, 1560
..... 736, 740	<code>\suftesi@pagelefttoctrue</code>	<code>\textsc</code> ... 457, 466,
<code>\suftesi@bodonitrue</code> 130	..... 606	480, 481, 483, 495,
<code>\suftesi@cbgreektrue</code>	<code>\suftesi@palatinotrue</code>	496, 498, 513, 514,
..... 132	..... 105	516, 528, 529, 531,
<code>\suftesi@centerheadertrue</code>	<code>\suftesi@partpagetrue</code>	545, 547, 557, 559,
..... 730, 743	..... 846	572, 574, 584, 586
<code>\suftesi@cochinealtrue</code>	<code>\suftesi@periodicalaureotrue</code>	<code>\textsf</code> .... 2610, 2657
..... 101	186, 1063, 1080, 1098	<code>\textsuperscript</code> . 816
<code>\suftesi@collectiontrue</code>	<code>\suftesi@periodicaltrue</code>	<code>\texttt</code> ..... 2448
..... 80	..... 169	<code>\thanks</code> ... 737, 738,
<code>\suftesi@compactaureotrue</code>	<code>\suftesi@porsontrue</code> 128	741, 742, 1870,
..... 220	<code>\suftesi@raggedtoctrue</code>	1901, 1910, 1928,
<code>\suftesi@compacttrue</code>	..... 602	1956, 1968, 2014,
..... 203	<code>\suftesi@reverseauthortitletrue</code>	2026, 2068, 2148,
<code>\suftesi@compatibilitytrue</code>	..... 1129	2159, 2164, 2175
..... 109	<code>\suftesi@screencenteredtrue</code>	<code>\thearticle</code> .....
<code>\suftesi@dottedtoctrue</code>	..... 863	.... 2169, 2170,
..... 598	<code>\suftesi@screentrue</code>	2192, 2194, 2202
<code>\suftesi@draftdatetrue</code>	..... 860, 862	<code>\thechapter</code> .. 74, 2439
..... 853	<code>\suftesi@standardtrue</code>	<code>\thecontentslabel</code> .
<code>\suftesi@fewfootnotetrue</code>	..... 107	..... 478, 483,
..... 821	<code>\suftesi@sufplaintrue</code>	488, 493, 498, 503,
<code>\suftesi@FSPLtrue</code> .	..... 734	511, 516, 521, 526,
.. 1064, 1081, 1099	<code>\suftesi@supercompactaureotrue</code>	531, 536, 543, 547,
<code>\suftesi@greekfontfalse</code>	.. 254, 271, 289, 307	551, 555, 559, 563,
..... 124, 1262,	<code>\suftesi@supercompacttrue</code>	570, 574, 578, 582,
1263, 1270, 1271	..... 237	586, 590, 2365,
<code>\suftesi@greekfonttrue</code>	<code>\suftesi@toccompactsectrue</code>	2374, 2384, 2385,
.. 126, 128, 130, 132	..... 611	2397, 2406, 2415,
<code>\suftesi@libertinettrue</code>	<code>\suftesi@toccompactsubsectrue</code>	2416, 2803, 2851,
..... 103	..... 612, 620	2860, 2869, 2877,
<code>\suftesi@MakeTextLowercase</code>	<code>\suftesi@toccompactsubsubsectrue</code>	2945, 2988, 2995,
. 445, 448, 1488,	..... 613, 621, 627	3002, 3009, 3140,
1490, 1495, 1497		3142, 3144, 3146

<code>\thecontentspage ..</code>	2939, 2954, 2958,	2288, 2290, 2338,
.... 2362, 2368,	2969, 2974, 2984,	3075, 3094, 3114
2375, 2381, 2388,	2991, 2998, 3005	
2407, 2781, 2787,	<code>\titlefont .....</code> 3130	<b>U</b>
2794, 2800, 2807,	<code>\titleformat .</code> 1502,	<code>\url .....</code> 2065
2814, 2820, 2824,	1508, 1521, 1528,	<code>\usefont .....</code> 1432
2832, 2838, 2842,	1536, 1543, 1551,	<code>\useosf</code> 1318, 1360, 1389
2850, 2853, 2859,	1558, 1697, 1704	<code>\useproportional ..</code>
2862, 2868, 2876,	<code>\titlerule .....</code>	..... 1319, 1390
2937, 2956, 2972	.. 595, 596, 599, 600	
<code>\thefootnote .....</code>	<code>\titlespacing</code> 1526,	<b>V</b>
.... 1871, 1937,	1533, 1541, 1548,	<code>\val</code> 70, 84, 96, 111, 121,
1995, 2128, 2527	1556, 1563, 1568,	135, 325, 343, 361,
<code>\thepage ..</code> 750, 754, 758	1569, 1572, 1573,	379, 388, 397, 406,
<code>\theparagraph ....</code>	1576, 1577, 1580,	415, 424, 433, 442,
.... 1614, 1617,	1581, 1584, 1585,	451, 472, 505, 538,
1699, 2227, 2230	1588, 1589, 1591,	565, 592, 608, 632,
<code>\thesection .....</code>	1593, 1703, 1710	661, 670, 679, 688,
.... 1608, 1611,	<code>\tocchapfont ....</code> 3133	697, 706, 715, 724,
2221, 2224, 2430	<code>\tocchapnumfont ..</code> 3139	745, 764, 788, 795,
<code>\thesubparagraph ..</code>	<code>\toclabelspace ....</code>	802, 818, 827, 837,
.. 1616, 1706, 2229	.. 2681, 2684, 2688	843, 850, 857, 869,
<code>\thesubsection</code> 1610,	<code>\toclabelwidth ....</code>	879, 886, 1117,
1613, 2223, 2226	.. 2675, 2685, 2689	1126, 1133, 1142
<code>\thesubsubsection .</code>	<code>\tocpartfont ....</code> 3132	<code>\version@string ...</code>
..... 1612,	<code>\tocpartname</code> 3117, 3118	..... 2442, 2448
1615, 2225, 2228	<code>\tocpartnumfont ...</code>	<code>\versionstring ....</code>
<code>\title .....</code> 1851–	..... 3137, 3138	..... 2442, 2443
1853, 1856, 1860,	<code>\tocsecfont .....</code> 3134	<b>X</b>
2079, 2081, 2082,	<code>\tocsecnumfont ...</code> 3141	<code>\xfootnote .....</code> 2529
2085, 2089, 2155	<code>\tocsubsecfont ...</code> 3135	<code>\xheadbreak .....</code> 3179
<code>\titlecontents ....</code>	<code>\tocsubsecnumfont</code> 3143	<code>\XKV@classoptionslist</code>
.... 2358, 2373,	<code>\tocsubsubsecfont</code> 3136	..... 1213
2377, 2393, 2405,	<code>\tocsubsubsecnumfont</code>	<code>\XKV@useoption ....</code>
2409, 2718, 2777,	..... 3145	..... 1194–1212
2792, 2796, 2812,	<code>\today .....</code> 2448	<b>Y</b>
2816, 2829, 2834,	<code>\tolerance .....</code> 2536	<code>\year .....</code> 2603, 2636
2846, 2855, 2864,	<code>\twocolumn</code> 1682, 1694,	<code>\yheadbreak .....</code> 3181
2872, 2923, 2935,	1946, 2004, 2137,	