



Ivan Valbusa

The  
**suftesi**  
document class

v3.0.2 – 2021/02/06

## 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

v3.0.2 – 2021/02/06

Ivan Valbusa

ivan dot valbusa at gmail dot com

## 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).

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## A brief history

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

## Acknowledgments

I would like to thank Professors Paola Di Nicola, Director of the Graduate School of Human Sciences and Philosophy, and Ugo Savardi who suggested to propose the course precisely to that School; Gilberto D’Arduini, Matteo Lanza and Antonio Rinaldi, who installed  $\LaTeX$  on the computers used during the course; Catia Cordioli, for her help in the organization of the lessons; Corrado Ferreri, responsible of the E-Learning Center, who provided the  $\TeX$  Live 2009 DVDs. Special thanks to Professors Enrico Gregorio, the Italian guru of  $\TeX$ , for the  $\TeX$ 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 $\XeLaTeX$ and $\LuaTeX$

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

Global	appendix, caption, color, crop, enumitem, emptypage, fancyhdr, fixltxhyph, fontenc, fontsize, geometry, iftex, microtype, multicol, titlesec, titletoc, xkeyval, (cclicenses)
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

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

Table 2: The layouts of `sutfesi`

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



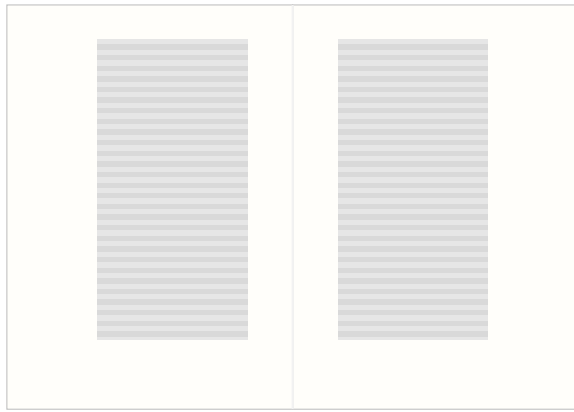
Remember that if you change the line spacing with the `\linespread` command, you need to add `\normalsize`.

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

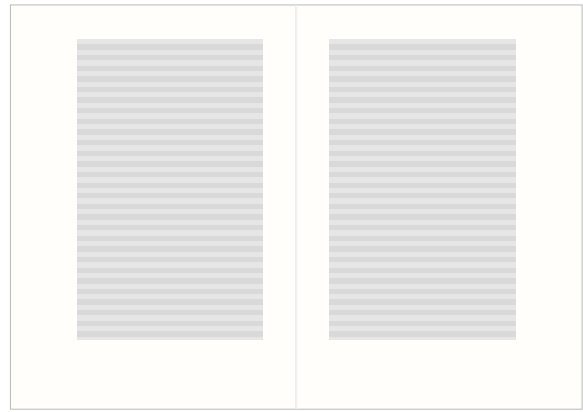


## 2.3 Fonts

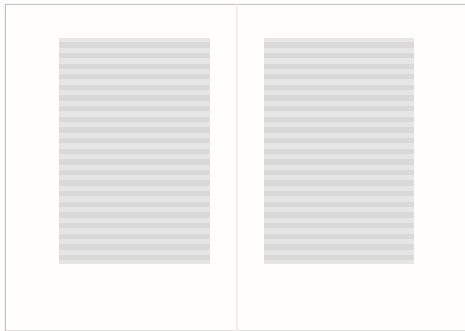
The default roman font is *Cochineal* by Michael Sharpe, the sans serif font is *Linux Bioninum*, designed by Philipp H. Poll, and the typewriter face is *Inconsolata* by Michael Sharpe. *Cochineal* is a fork of *Crimson*, by Sebastian Kosch, a font inspired by masterpieces like *Sabon* (Jan Tschichold)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



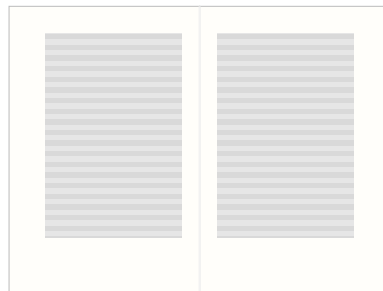
standard  
(21 × 29.7)



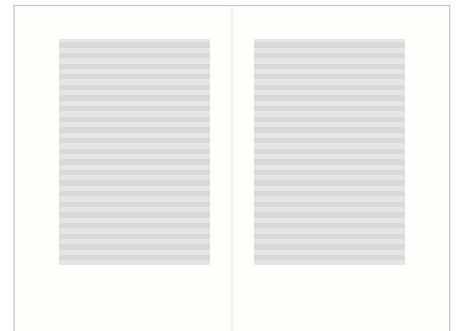
standardaureo  
(21 × 29.7)



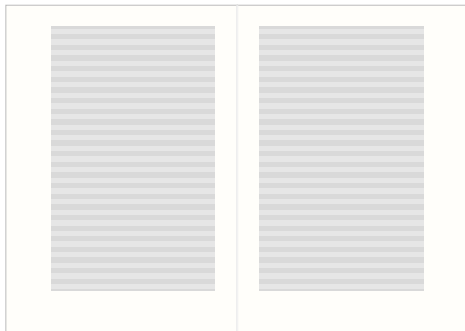
periodical  
(17 × 24)



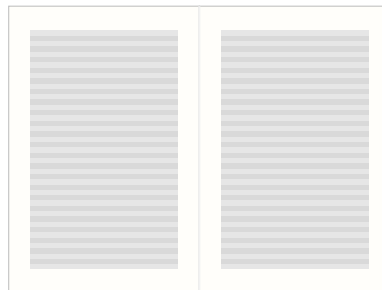
supercompact  
(14 × 21)



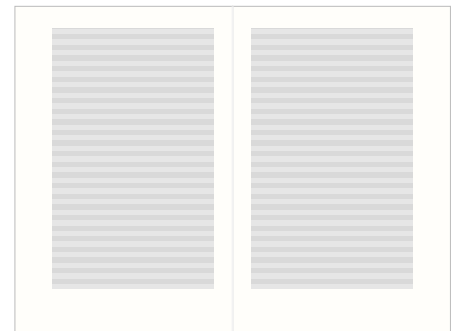
compact  
(16 × 24)



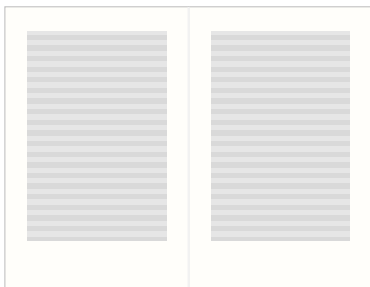
periodicalaureo  
(17 × 24)



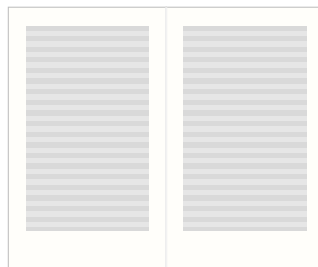
supercompactaureo  
(14 × 21)



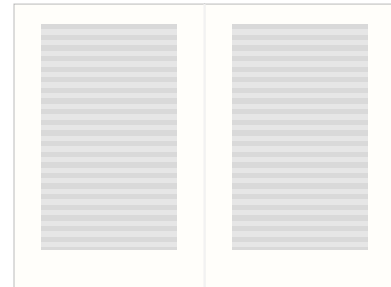
compactaureo  
(16 × 24)



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 malefium 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· 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 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 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 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 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 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· 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 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· 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 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· 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 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 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 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 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 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· 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 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· 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 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· 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 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· 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 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· 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 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· 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 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:

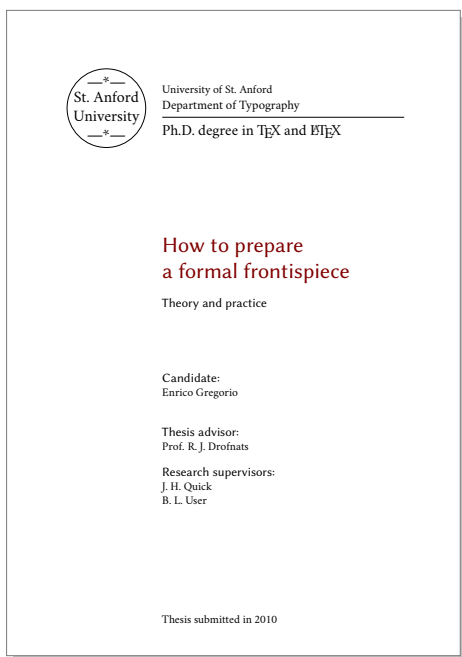


Figure 2: The frontispiece of suftesi

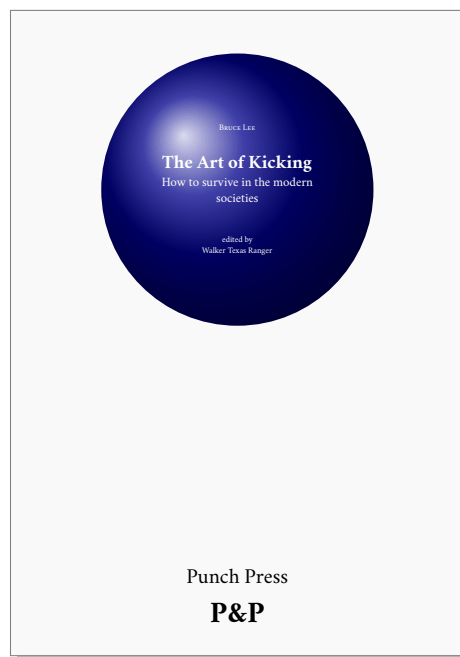


Figure 3: A cover page of suftesi

```
\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@libertinettrue
104 \or
105 \suftesi@palatinottrue
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,parleft,parcenter,parright}[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 \or%numparsubsec
388 \def\SUF@lr@SUBSECSwitch{\filright}
389 \suftesi@numparsubsectrue
390 \or
391 \def\SUF@lr@SUBSECSwitch{\filcenter}
392 \suftesi@numparsubsectrue
393 \or
394 \def\SUF@lr@SUBSECSwitch{\filleft}
395 \suftesi@numparsubsectrue

```

```

396 \fi}
397 \define@choicekey{}{subsubsecstyle}[\val\nr]
398     {left,center,right,parleft,parcenter,parright}[left]{%
399 \ifcase\nr\relax
400   \def\SUF@lr@SUBSUBSECSwitch{\filright}
401 \or
402   \def\SUF@lr@SUBSUBSECSwitch{\filcenter}
403 \or
404   \def\SUF@lr@SUBSUBSECSwitch{\filleft}
405 \or\numparsubsubsec
406 \def\SUF@lr@SUBSUBSECSwitch{\filright}
407 \suftesi@numparsubsubsectrue
408 \or
409 \def\SUF@lr@SUBSUBSECSwitch{\filcenter}
410 \suftesi@numparsubsubsectrue
411 \or
412 \def\SUF@lr@SUBSUBSECSwitch{\filleft}
413 \suftesi@numparsubsubsectrue
414 \fi}

```

### 7.1.5 Sections font

```

415 \define@choicekey{}{partfont}[\val\nr]
416     {roman,italic,smallcaps}[roman]{%
417 \ifcase\nr\relax
418   \def\SUF@PART@StyleSwitch{\relax}
419 \or
420   \def\SUF@PART@StyleSwitch{\itshape}
421 \or
422   \def\SUF@PART@StyleSwitch{\expandafter\SUF@titlesmallcaps}
423 \fi}
424 \define@choicekey{}{chapfont}[\val\nr]
425     {roman,italic,smallcaps}[roman]{%
426 \ifcase\nr\relax
427   \def\SUF@CHAP@StyleSwitch{\relax}
428 \or
429   \def\SUF@CHAP@StyleSwitch{\itshape}
430 \or
431   \def\SUF@CHAP@StyleSwitch{\expandafter\SUF@titlesmallcaps}
432 \fi}
433 \define@choicekey{}{secfont}[\val\nr]
434     {roman,italic,smallcaps}[italic]{%
435 \ifcase\nr\relax
436   \def\SUF@SEC@StyleSwitch{\relax}
437 \or
438   \def\SUF@SEC@StyleSwitch{\itshape}
439 \or
440   \def\SUF@SEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
441 \fi}
442 \define@choicekey{}{subsecfont}[\val\nr]
443     {roman,italic,smallcaps}[roman]{%

```

```

444 \ifcase\nr\relax
445   \def\SUF@SUBSEC@StyleSwitch{\relax}
446 \or
447   \def\SUF@SUBSEC@StyleSwitch{\itshape}
448 \or
449   \def\SUF@SUBSEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
450 \fi}
451 \define@choicekey{}{subsubsecfont}[\val\nr]
452   {roman,italic,smallcaps}[roman]{%
453 \ifcase\nr\relax
454   \def\SUF@SUBSUBSEC@StyleSwitch{\relax}
455 \or
456   \def\SUF@SUBSUBSEC@StyleSwitch{\itshape}
457 \or
458   \def\SUF@SUBSUBSEC@StyleSwitch{\expandafter\SUF@titlesmallcaps}
459 \fi}

```

## Small capitals style

```

460 \define@choicekey{}{smallcapsstyle}[\val\nr]
461   {low,upper}[low]{%
462 \ifcase\nr\relax
463   \def\suftesi@MakeTextLowercase{\MakeLowercase}
464   \def\suftesi@MakeTextTOCLowercase{\lowercase}
465 \or
466   \def\suftesi@MakeTextLowercase{\relax}
467   \def\suftesi@MakeTextTOCLowercase{\relax}
468 \fi}

```

## 7.1.6 Sections number

### Part number style

```

469 \define@choicekey{}{partnumstyle}[\val\nr]
470   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
471 \ifcase\nr\relax
472   \def\SUF@thepart{\arabic{part}}
473   \def\SUF@dotpart{.}
474 \or
475   \def\SUF@thepart{\textsc{\roman{part}}}
476   \def\SUF@dotpart{}
477 \or
478   \def\SUF@thepart{\Roman{part}}
479   \def\SUF@dotpart{}
480 \or
481   \def\SUF@thepart{\arabic{part}}
482   \def\SUF@dotpart{.}
483 \or
484   \def\SUF@thepart{\textsc{\roman{part}}}
485   \def\SUF@dotpart{.}
486 \or
487   \def\SUF@thepart{\Roman{part}}

```

```

488 \def\SUF@dotpart{.}
489 \fi}

```

## Chapter number style

```

490 \define@choicekey{}{chapnumstyle}[\val\nr]
491     {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
492 \ifcase\nr\relax
493   \def\SUF@thechapter{\arabic{chapter}}
494   \def\SUF@HEAD@thechapter{\arabic{chapter}}
495   \def\SUF@dotchap{}
496   \def\SUF@CHAP@thecontentslabel{\thecontentslabel}
497 \or
498   \def\SUF@thechapter{\textsc{\roman{chapter}}}
499   \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}
500   \def\SUF@dotchap{}
501   \def\SUF@CHAP@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
502 \or
503   \def\SUF@thechapter{\Roman{chapter}}
504   \def\SUF@HEAD@thechapter{\Roman{chapter}}
505   \def\SUF@dotchap{}
506   \def\SUF@CHAP@thecontentslabel{\@Roman{\thecontentslabel}}
507 \or
508   \def\SUF@thechapter{\arabic{chapter}}
509   \def\SUF@HEAD@thechapter{\arabic{chapter}}
510   \def\SUF@dotchap{.}
511   \def\SUF@CHAP@thecontentslabel{\thecontentslabel}
512 \or
513   \def\SUF@thechapter{\textsc{\roman{chapter}}}
514   \def\SUF@HEAD@thechapter{\textsc{\roman{chapter}}}
515   \def\SUF@dotchap{.}
516   \def\SUF@CHAP@thecontentslabel{\textsc{\@roman{\thecontentslabel}}}
517 \or
518   \def\SUF@thechapter{\Roman{chapter}}
519   \def\SUF@HEAD@thechapter{\Roman{chapter}}
520   \def\SUF@dotchap{.}
521   \def\SUF@CHAP@thecontentslabel{\@Roman{\thecontentslabel}}
522 \fi}

```

## Section number style

```

523 \define@choicekey{}{secnumstyle}[\val\nr]
524     {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
525 \ifcase\nr\relax
526   \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
527   \def\SUF@HEAD@thesection{\arabic{section}}
528   \def\SUF@dotsec{}
529   \def\SUF@SEC@thecontentslabel{\thecontentslabel}
530 \or
531   \def\SUF@thesection{\textsc{\SUF@chapswitch\roman{section}}}
532   \def\SUF@HEAD@thesection{\textsc{\roman{section}}}

```

```

533 \def\SUF@dotsec{}
534 \def\SUF@SEC@thecontentslabel{\textsc{\@roman{thecontentslabel}}}}
535 \or
536 \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
537 \def\SUF@HEAD@thesection{\Roman{section}}
538 \def\SUF@dotsec{}
539 \def\SUF@SEC@thecontentslabel{\@Roman{thecontentslabel}}
540 \or
541 \def\SUF@thesection{\SUF@chapswitch\arabic{section}}
542 \def\SUF@HEAD@thesection{\arabic{section}}
543 \def\SUF@dotsec{.}
544 \def\SUF@SEC@thecontentslabel{thecontentslabel}
545 \or
546 \def\SUF@thesection{\SUF@chapswitch\textsc{\roman{section}}}
547 \def\SUF@HEAD@thesection{\textsc{\roman{section}}}
548 \def\SUF@dotsec{.}
549 \def\SUF@SEC@thecontentslabel{\textsc{\@roman{thecontentslabel}}}}
550 \or
551 \def\SUF@thesection{\SUF@chapswitch\Roman{section}}
552 \def\SUF@HEAD@thesection{\Roman{section}}
553 \def\SUF@dotsec{.}
554 \def\SUF@SEC@thecontentslabel{\@Roman{thecontentslabel}}
555 \fi}

```

## Subsection number style

```

556 \define@choicekey{}{subsecnumstyle}[\val\nr]
557   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
558 \ifcase\nr\relax
559   \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
560   \def\SUF@dotsubsec{}
561   \def\SUF@SUBSEC@thecontentslabel{thecontentslabel}
562 \or
563   \def\SUF@thesubsection{\SUF@thesection.\textsc{\roman{subsection}}}
564   \def\SUF@dotsubsec{}
565   \def\SUF@SUBSEC@thecontentslabel{\textsc{\@roman{thecontentslabel}}}
566 \or
567   \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
568   \def\SUF@dotsubsec{}
569   \def\SUF@SUBSEC@thecontentslabel{\@Roman{thecontentslabel}}
570 \or
571   \def\SUF@thesubsection{\SUF@thesection.\arabic{subsection}}
572   \def\SUF@dotsubsec{.}
573   \def\SUF@SUBSEC@thecontentslabel{thecontentslabel}
574 \or
575   \def\SUF@thesubsection{\SUF@thesection.\textsc{\roman{subsection}}}
576   \def\SUF@dotsubsec{.}
577   \def\SUF@SUBSEC@thecontentslabel{\textsc{\@roman{thecontentslabel}}}
578 \or
579   \def\SUF@thesubsection{\SUF@thesection.\Roman{subsection}}
580   \def\SUF@dotsubsec{.}

```

```

581 \def\SUF@SUBSEC@thecontentslabel{\@Roman{thecontentslabel}}
582 \fi}

```

## Sub-subsection number style

```

583 \define@choicekey{}{subsubsecnumstyle}[\val\nr]
584   {arabic,roman,Roman,dotarabic,dotroman,dotRoman}[arabic]{%
585 \ifcase\nr\relax
586   \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
587   \def\SUF@dotsubsubsec{}
588   \def\SUF@SUBSUBSEC@thecontentslabel{thecontentslabel}
589 \or
590   \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{roman{subsubsection}}}
591   \def\SUF@dotsubsubsec{}
592   \def\SUF@SUBSUBSEC@thecontentslabel{\textsc{@roman{thecontentslabel}}}
593 \or
594   \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
595   \def\SUF@dotsubsubsec{}
596   \def\SUF@SUBSUBSEC@thecontentslabel{@Roman{thecontentslabel}}
597 \or
598   \def\SUF@thesubsubsection{\SUF@thesubsection.\arabic{subsubsection}}
599   \def\SUF@dotsubsubsec{.}
600   \def\SUF@SUBSUBSEC@thecontentslabel{thecontentslabel}
601 \or
602   \def\SUF@thesubsubsection{\SUF@thesubsection.\textsc{roman{subsubsection}}}
603   \def\SUF@dotsubsubsec{.}
604   \def\SUF@SUBSUBSEC@thecontentslabel{\textsc{@roman{thecontentslabel}}}
605 \or
606   \def\SUF@thesubsubsection{\SUF@thesubsection.\Roman{subsubsection}}
607   \def\SUF@dotsubsubsec{.}
608   \def\SUF@SUBSUBSEC@thecontentslabel{@Roman{thecontentslabel}}
609 \fi}

```

## 7.1.7 Table of contents

### Table of contents style

```

610 \define@choicekey{}{tocstyle}[\val\nr]
611   {standard,dotted,ragged,leftpage}[standard]{%
612 \ifcase\nr\relax
613   \def\SUF@titlerule{\titlerule*{}}
614   \def\SUF@chaptitlerule{\titlerule*{}}
615 \or
616 \suftesi@dottedtoctrue
617   \def\SUF@titlerule{\titlerule*{\footnotesize .\ }}
618   \def\SUF@chaptitlerule{\titlerule*{}}
619 \or
620 \suftesi@raggedtoctrue
621   \def\SUF@titlerule{\hspace{1em}}
622   \def\SUF@chaptitlerule{\hspace{1em}}
623 \or

```

```

624 \suftesi@pagelefttoctrue
625 \fi}
626 \define@choicekey{}{compacttoc}[\val\nr]
627     {sec,subsec,subsubsec}[sec]{%
628 \ifcase\nr\relax
629     \suftesi@toccompactsectrue
630     \suftesi@toccompactsubsectrue
631     \suftesi@toccompactsubsubsectrue
632     \def\suf@sscorrect{\hskip.5em}
633     \def\suf@ssscorrect{\hskip.5em}
634     \def\suf@ctocdotsec{.}
635     \def\suf@ctocdotsssec{}
636     \def\suf@ctocdotsssec{}
637 \or
638     \suftesi@toccompactsubsectrue
639     \suftesi@toccompactsubsubsectrue
640     \def\suf@sscorrect{\relax}
641     \def\suf@ssscorrect{\hskip.5em}
642     \def\suf@ctocdotsssec{.}
643     \def\suf@ctocdotsssec{}
644 \or
645     \suftesi@toccompactsubsubsectrue
646     \def\suf@sscorrect{\relax}
647     \def\suf@ssscorrect{\relax}
648     \def\suf@ctocdotsssec{.}
649 \fi}
650 \define@choicekey{}{twocolcontents}[\val\nr]
651     {toc,lof,lot,toclof,toclot,lofot,all}[all]{%
652 \ifcase\nr\relax
653     \suftesi@twocolumntoctrue
654     \setkeys{}{tocstyle=ragged}
655 \or
656     \suftesi@twocolumnloftrue
657     \setkeys{}{tocstyle=ragged}
658 \or
659     \suftesi@twocolumnlottrue
660     \setkeys{}{tocstyle=ragged}
661 \or
662     \suftesi@twocolumntoctrue
663     \suftesi@twocolumnloftrue
664     \setkeys{}{tocstyle=ragged}
665 \or
666     \suftesi@twocolumntoctrue
667     \suftesi@twocolumnlottrue
668     \setkeys{}{tocstyle=ragged}
669 \or
670     \suftesi@twocolumnloftrue
671     \suftesi@twocolumnlottrue
672     \setkeys{}{tocstyle=ragged}
673 \or
674     \suftesi@twocolumntoctrue

```



```

675 \suftesi@twocolumnloftrue
676 \suftesi@twocolumnlottrue
677 \setkeys{}{tocstyle=ragged}
678 \fi}

```

## Table of contents font

```

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

```

```

723 \fi}
724 \define@choicekey{}{tocauthorfont}[\val\nr]
725   {roman,italic,smallcaps}[roman]{%
726 \ifcase\nr\relax
727   \def\SUF@tocAUT@font{\relax}
728 \or
729   \def\SUF@tocAUT@font{\itshape}
730 \or
731   \def\SUF@tocAUT@font{\expandafter\SUF@TOCtitlesmallcaps}
732 \fi}
733 \define@choicekey{}{toctitlefont}[\val\nr]
734   {roman,italic,smallcaps}[italic]{%
735 \ifcase\nr\relax
736   \def\SUF@tocTIT@font{\relax}
737 \or
738   \def\SUF@tocTIT@font{\itshape}
739 \or
740   \def\SUF@tocTIT@font{\expandafter\SUF@TOCtitlesmallcaps}
741 \fi}

```

### 7.1.8 Headers

#### Header style

```

742 \define@choicekey{}{headerstyle}[\val\nr]
743   {inner,center,plain,authortitleinner,authortitlecenter}[inner]{%
744 \ifcase\nr\relax
745   \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
746   \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
747 \or
748   \suftesi@centerheadertrue
749   \def\SUF@rightmark{\SUF@Rheadstyle{\rightmark}}
750   \def\SUF@leftmark{\SUF@Lheadstyle{\SUF@leftrightmark}}
751 \or
752   \suftesi@sufplaintrue
753 \or
754   \suftesi@authortitletrue
755   \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
756   \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
757 \or
758   \suftesi@authortitletrue
759   \def\SUF@rightmark{\let\thanks\@gobble\SUF@Rheadstyle{\@headtitle}}
760   \def\SUF@leftmark{\let\thanks\@gobble\SUF@Lheadstyle{\@author}}
761   \suftesi@centerheadertrue
762 \fi}

```

#### Header font

```

763 \define@choicekey{}{headerfont}[\val\nr]
764   {roman,italic,smallcaps}[roman]{%
765 \ifcase\nr\relax

```

```

766 \def\SUF@Rheadstyle{}
767 \def\SUF@Lheadstyle{}
768 \def\SUF@thepage{\thepage}
769 \or
770 \def\SUF@Rheadstyle{\itshape}
771 \def\SUF@Lheadstyle{\itshape}
772 \def\SUF@thepage{\thepage}
773 \or
774 \def\SUF@Rheadstyle{\SUF@headingsmallcaps}
775 \def\SUF@Lheadstyle{\SUF@headingsmallcaps}
776 \def\SUF@thepage{\SUF@headingsmallcaps{\thepage}}
777 \fi}

```

## 7.1.9 Text elements

### Lists

```

778 \RequirePackage[inline]{enumitem}
779 \renewcommand\labelitemi{\color{sufgray}\textbullet}
780 \setlist{itemsep=.5ex,parsep=0pt,listparindent=\parindent}
781 \setlist[description]{font=\normalfont\itshape}
782 \define@choicekey{}{liststyle}[\val\nr]
783   {bulged,aligned,indented}[bulged]{%
784 \ifcase\nr\relax
785   \setlist[enumerate,1]{leftmargin=0pt,label=\arabic*.}
786   \setlist[enumerate,2]{leftmargin= 1.3\parindent,label=\alph*.}
787   \setlist[enumerate,3]{leftmargin= 1.3\parindent,label=\roman*.}
788   \setlist[itemize,1]{leftmargin=0pt}
789   \setlist[itemize,2]{leftmargin=1.3\parindent}
790   \setlist[itemize,3]{leftmargin=1.3\parindent}
791 \or
792   \setlist[enumerate,1]{leftmargin=1\parindent,label=\arabic*.}
793   \setlist[enumerate,2]{leftmargin= 1.5\parindent,label=\alph*.}
794   \setlist[enumerate,3]{leftmargin= 1.5\parindent,label=\roman*.}
795   \setlist[itemize,1]{leftmargin=1\parindent}
796   \setlist[itemize,2]{leftmargin=1.5\parindent}
797   \setlist[itemize,3]{leftmargin=1.5\parindent}
798 \or
799   \setlist[enumerate,1]{leftmargin=2\parindent,label=\arabic*.}
800   \setlist[enumerate,2]{leftmargin= 2.5\parindent,label=\alph*.}
801   \setlist[enumerate,3]{leftmargin= 2.5\parindent,label=\roman*.}
802   \setlist[itemize,1]{leftmargin=2\parindent}
803   \setlist[itemize,2]{leftmargin=2.5\parindent}
804   \setlist[itemize,3]{leftmargin=2.5\parindent}
805 \fi}

```

### Quotations

```

806 \define@choicekey{}{quotestyle}[\val\nr]
807   {center,right}[center]{%
808 \ifcase\nr\relax

```

```

809 \def\SUF@quote@style{\rightmargin=\parindent}
810 \or
811 \def\SUF@quote@style{}
812 \fi}
813 \define@choicekey{}{quotesize}[\val\nr]
814   {footnotesize,small}[footnotesize]{%
815 \ifcase\nr\relax
816   \def\SUF@quotation@size{\footnotesize}
817 \or
818   \def\SUF@quotation@size{\small}
819 \fi}

```

## Footnotes

```

820 \define@choicekey{}{footnotestyle}[\val\nr]
821   {bulged,hung,dotted,superscript}[bulged]{%
822 \ifcase\nr\relax
823   \renewcommand\@makefnmark{%
824     \hskip-2.5em\makebox[2em][r]{\@thefnmark}\hskip.5em}
825 \or
826   \renewcommand\@makefnmark{%
827     \leftskip=1em\hskip-1.5em%
828     \makebox[1em][r]{\@thefnmark}\hskip.5em}
829 \or
830   \renewcommand\@makefnmark{%
831     \@thefnmark.\hskip.5em}
832 \or
833   \renewcommand\@makefnmark{%
834     \textsuperscript{\@thefnmark}\hskip.3em}
835 \fi}
836 \define@choicekey{}{fewfootnotes}[\val\nr]
837   {true,false}[true]{%
838 \ifcase\nr\relax
839   \sftesi@fewfootnotestru
840 \or
841   \relax
842 \fi}

```

## Captions

```

843 \RequirePackage{caption}
844 \captionsetup{labelsep=period,font=small,textformat=period}
845 \define@choicekey{}{captionstyle}[\val\nr]
846   {standard,sanserif,italic,smallcaps}[standard]{%
847 \ifcase\nr\relax
848 \or
849   \captionsetup{font+=sf}
850 \or
851   \captionsetup{font+=it}
852 \or
853   \captionsetup{labelfont=sc}

```

```
854 \fi}
```

### **Marginal notes**

```
855 \define@choicekey{}{marginpar}[\val\nr]
856   {true,false}[true]{%
857 \ifcase\nr\relax
858 \or
859   \renewcommand\marginpar[2][{}]{
860 \fi}
```

### **7.1.10 Other options**

#### **Part page**

```
861 \define@choicekey{}{partpage}[\val\nr]
862   {true,false}[true]{%
863 \ifcase\nr\relax
864   \suftesi@partpagetrue
865 \or
866   \relax
867 \fi}
```

#### **Draftdate**

```
868 \define@choicekey{}{draftdate}[\val\nr]
869   {true,false}[true]{%
870 \ifcase\nr\relax
871   \suftesi@draftdatetrue
872 \or
873   \relax
874 \fi}
```

#### **View mode**

```
875 \define@choicekey{}{version}[\val\nr]
876   {screen,cscreen,draft,final}[draft]{%
877 \ifcase\nr\relax
878   \suftesi@screentrue
879 \or
880   \suftesi@screentrue
881   \suftesi@screencenteredtrue
882 \or
883   \relax
884 \or
885   \AtBeginDocument{\crop[off]}
886 \fi}
887 \define@choicekey{}{crop}[\val\nr]
888   {true,false}[true]{%
889   \ClassWarningNoLine{suftesi}{%
890     'crop' option is deprecated.\MessageBreak
```

```

891   Use 'version' option instead}
892 \ifcase\nr\relax
893   \setkeys{}\{version=draft}
894 \or
895   \setkeys{}\{version=screen}
896 \fi}

```

## Titlepage

```

897 \define@choicekey{}\{titlepage}[\val\nr]
898   {true,false}[true]{%
899 \ifcase\nr\relax
900   \@titlepagetrue
901 \or
902   \@titlepagefalse
903 \fi}

```

## Pre-defined styles

```

904 \define@choicekey{}\{style}[\val\nr]
905   {roman1,roman2,roman3,roman4,roman5,roman6,
906   italic1,italic2,italic3,italic4,italic5,italic6,
907   italic7,italic8,italic9,italic10,italic11,italic12,
908   smallcaps1,smallcaps2,smallcaps3,smallcaps4,smallcaps5,smallcaps6,
909   smallcaps7,smallcaps8,smallcaps9,smallcaps10,smallcaps11,smallcaps12,
910   FSPLa,FSPLb,FSPLc}
911   [roman1]{%
912 \ifcase\nr\relax

```

## The ‘roman’ styles

```

913   \setkeys{}\{chapstyle=left}
914 \or
915   \setkeys{}\{chapstyle=center}
916 \or
917   \setkeys{}\{chapstyle=right}
918 \or
919   \setkeys{}\{chapstyle=parleft}
920 \or
921   \setkeys{}\{chapstyle=parcenter}
922 \or
923   \setkeys{}\{chapstyle=parright}
924 \or

```

## The ‘italic’ styles

```

925   \setkeys{}\{
926     chapstyle=left,
927     chapfont=italic,
928     tocchapfont=italic,

```

```

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

```

```

980   headerfont=italic}
981 \or
982   \setkeys{}{
983     chapstyle=parleft,
984     chapfont=italic,
985     tocchapfont=italic,
986     secfont=smallcaps,
987     headerfont=italic}
988 \or
989   \setkeys{}{
990     chapstyle=parcenter,
991     chapfont=italic,
992     tocchapfont=italic,
993     secfont=smallcaps,
994     headerfont=italic}
995 \or
996   \setkeys{}{
997     chapstyle=parright,
998     chapfont=italic,
999     tocchapfont=italic,
1000    secfont=smallcaps,
1001    headerfont=italic}
1002 \or

```

### The ‘smallcaps’ styles

```

1003   \setkeys{}{
1004     chapstyle=left,
1005     chapfont=smallcaps,
1006     tocchapfont=smallcaps,
1007     headerfont=smallcaps}
1008 \or
1009   \setkeys{}{
1010     chapstyle=center,
1011     chapfont=smallcaps,
1012     tocchapfont=smallcaps,
1013     headerfont=smallcaps}
1014 \or
1015   \setkeys{}{
1016     chapstyle=right,
1017     chapfont=smallcaps,
1018     tocchapfont=smallcaps,
1019     headerfont=smallcaps}
1020 \or
1021   \setkeys{}{
1022     chapstyle=parleft,
1023     chapfont=smallcaps,
1024     tocchapfont=smallcaps,
1025     headerfont=smallcaps}
1026 \or
1027   \setkeys{}{

```



```

1028 chapstyle=parcenter,
1029 chapfont=smallcaps,
1030 tocchapfont=smallcaps,
1031 headerfont=smallcaps}
1032 \or
1033 \setkeys{}{
1034 chapstyle=parright,
1035 chapfont=smallcaps,
1036 tocchapfont=smallcaps,
1037 headerfont=smallcaps}
1038 \or
1039 \setkeys{}{
1040 chapstyle=left,
1041 chapfont=smallcaps,
1042 tocchapfont=smallcaps,
1043 secfont=smallcaps,
1044 headerfont=smallcaps}
1045 \or
1046 \setkeys{}{
1047 chapstyle=center,
1048 chapfont=smallcaps,
1049 tocchapfont=smallcaps,
1050 secfont=smallcaps,
1051 headerfont=smallcaps}
1052 \or
1053 \setkeys{}{
1054 chapstyle=right,
1055 chapfont=smallcaps,
1056 tocchapfont=smallcaps,
1057 secfont=smallcaps,
1058 headerfont=smallcaps}
1059 \or
1060 \setkeys{}{
1061 chapstyle=parleft,
1062 chapfont=smallcaps,
1063 tocchapfont=smallcaps,
1064 secfont=smallcaps,
1065 headerfont=smallcaps}
1066 \or
1067 \setkeys{}{
1068 chapstyle=parcenter,
1069 chapfont=smallcaps,
1070 tocchapfont=smallcaps,
1071 secfont=smallcaps,
1072 headerfont=smallcaps}
1073 \or
1074 \setkeys{}{
1075 chapstyle=parright,
1076 chapfont=smallcaps,
1077 tocchapfont=smallcaps,
1078 secfont=smallcaps,

```

```

1079 headerfont=smallcaps}
1080 \or

```

## The FSPL styles

```

1081 \sftesi@periodicalaureottrue
1082 \sftesi@FSPLtrue
1083 \setkeys{}{%
1084 pagelayout=periodicalaureo,
1085 style=roman5,
1086 chapnumstyle=roman,
1087 headerstyle=inner,
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 \sftesi@periodicalaureottrue
1099 \sftesi@FSPLtrue
1100 \setkeys{}{%
1101 pagelayout=periodicalaureo,
1102 style=italic5,
1103 chapnumstyle=roman,
1104 headerstyle=inner,
1105 headerfont=italic,
1106 footnotestyle=hung,
1107 liststyle=indented,
1108 tocstyle=leftpage}
1109 \disable@keys{}
1110 {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
1111 subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
1112 subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
1113 secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
1114 quotesize,footnotestyle,liststyle,captionstyle}
1115 \or
1116 \sftesi@periodicalaureottrue
1117 \sftesi@FSPLtrue
1118 \setkeys{}{%
1119 pagelayout=periodicalaureo,
1120 style=smallcaps5,
1121 chapnumstyle=roman,
1122 headerstyle=inner,
1123 headerfont=smallcaps,
1124 secfont=smallcaps,
1125 footnotestyle=hung,
1126 liststyle=indented,

```

```

1127   tocstyle=leftpage}
1128 \disable@keys{}
1129   {structure,documentstructure,pagelayout,partfont,chapfont,secfont,%
1130   subsecfont,subsubsecfont,partstyle,chapstyle,secstyle,%
1131   subsecstyle,subsubsecstyle,partnumstyle,chapnumstyle,%
1132   secnumstyle,tocstyle,headerstyle,headerfont,quotestyle,%
1133   quotesize,footnotestyle,liststyle,captionstyle}
1134 \fi}

```

## Options for the collection document structure

```

1135 \define@choicekey{}{papertitlestyle}[\val\nr]
1136   {left,center,right}[left]{%
1137 \ifcase\nr\relax
1138   \def\SUF@lr@coll@titleSwitch{\filright}
1139 \or
1140   \def\SUF@lr@coll@titleSwitch{\filcenter}
1141 \or
1142   \def\SUF@lr@coll@titleSwitch{\filleft}
1143 \fi}
1144 \define@choicekey{}{revauthortitle}[\val\nr]
1145   {true,false}[false]{%
1146 \ifcase\nr\relax
1147   \suftesi@reverseauthortitletrue
1148 \or
1149   \relax
1150 \fi}
1151 \define@choicekey{}{titlefont}[\val\nr]
1152   {roman,italic,smallcaps}[roman]{%
1153 \ifcase\nr\relax
1154   \def\SUF@titlefont@Switch{\relax}
1155 \or
1156   \def\SUF@titlefont@Switch{\itshape}
1157 \or
1158   \def\SUF@titlefont@Switch{\expandafter\SUF@titlesmallcaps}
1159 \fi}
1160 \define@choicekey{}{authorfont}[\val\nr]
1161   {roman,italic,smallcaps}[roman]{%
1162 \ifcase\nr\relax
1163   \def\SUF@authorfont@Switch{\relax}
1164 \or
1165   \def\SUF@authorfont@Switch{\itshape}
1166 \or
1167   \def\SUF@authorfont@Switch{\expandafter\SUF@titlesmallcaps}
1168 \fi}

```

### 7.1.11 Execute options

```

1169 \ExecuteOptionsX<>{
1170   structure=book,
1171   captionstyle=standard,

```

```

1172 marginpar=true,
1173 tocstyle=standard,
1174 defaultfont=cochineal,
1175 mathfont=minimal,
1176 greekfont=none,
1177 pagelayout=standard,
1178 headerstyle=inner,
1179 liststyle=bulged,
1180 footnotestyle=bulged,
1181 quotesize=footnotesize,
1182 quotestyle=center,
1183 partstyle=left,
1184 chapstyle=left,
1185 secstyle=left,
1186 subsecstyle=left,
1187 subsubsecstyle=left,
1188 partfont=roman,
1189 chapfont=roman,
1190 secfont=italic,
1191 subsecfont=roman,
1192 subsubsecfont=roman,
1193 headerfont=roman,
1194 partnumstyle=Roman,
1195 chapnumstyle=arabic,
1196 secnumstyle=arabic,
1197 subsecnumstyle=arabic,
1198 subsubsecnumstyle=arabic,
1199 smallcapsstyle=low,
1200 titlefont=italic,
1201 authorfont=roman,
1202 toctitlefont=italic,
1203 tocauthorfont=roman,
1204 revauthortitle=false,
1205 papertitlestyle=left,
1206 tocpartfont=roman,
1207 tocchapfont=roman,
1208 tocsecfont=roman,
1209 tocsubsecfont=roman,
1210 tocsubsubsecfont=roman}
1211 \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:

```

1212 \XKV@useoption{a4paper}
1213 \XKV@useoption{10pt}
1214 \XKV@useoption{11pt}
1215 \XKV@useoption{12pt}
1216 \XKV@useoption{oneside}
1217 \XKV@useoption{twoside}

```

```

1218 \XKV@useoption{onecolumn}
1219 \XKV@useoption{twocolumn}
1220 \XKV@useoption{titlepage}
1221 \XKV@useoption{notitlepage}
1222 \XKV@useoption{openright}
1223 \XKV@useoption{openany}
1224 \XKV@useoption{leqno}
1225 \XKV@useoption{fleqn}
1226 \XKV@useoption{a5paper}
1227 \XKV@useoption{b5paper}
1228 \XKV@useoption{legalpaper}
1229 \XKV@useoption{executivepaper}
1230 \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!

```

1231 \def\XKV@classoptionslist{}

```

## 7.2 Basic packages

```

1232 \RequirePackage{multicol}
1233 \RequirePackage{emptypage}
1234 \RequirePackage{microtype}
1235 \RequirePackage{color}
1236 \definecolor{sufred}{rgb}{0.5,0,0}
1237 \definecolor{sufgray}{rgb}{0.5,0.5,0.5}
1238 \RequirePackage{iftex}
1239 \ifLuaTeX
1240 \RequirePackage{luatex85}
1241 \else
1242 \fi

```

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

```

1243 \ifsuftesi@FSPL
1244 \RequirePackage{ccllicenses}
1245 \else
1246 \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.

```

1247 \ifsuftesi@screen
1248 \newcommand*\crop[1][{}]{
1249 \ifsuftesi@screencentered
1250 \geometry{hmarginratio=1:1}
1251 \fi
1252 \else
1253 \RequirePackage[a4,cam,center]{crop}

```

1254 \fi

## 7.3 Fonts

If you use Xe<sub>Λ</sub>TeX or Lua<sub>Λ</sub>TeX 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.

```
1255 \unless\ifPDFTeX
1256 \AtBeginDocument{%
1257 \@ifpackageloaded{fontspec}
1258   {\relax}
1259   {\ClassError{suftesi}
1260     {*****\MessageBreak
1261      * For using suftesi with XeLaTeX\MessageBreak
1262      * load either 'fontspec' or 'mathspec'\MessageBreak
1263      * For using suftesi with LuaLaTeX\MessageBreak
1264      * load 'fontspec' \MessageBreak
1265      *****}
1266     {*****\MessageBreak
1267      * For using suftesi with XeLaTeX\MessageBreak
1268      * load either 'fontspec' or 'mathspec'\MessageBreak
1269      * For using suftesi with LuaLaTeX\MessageBreak
1270      * load 'fontspec' \MessageBreak
1271      *****}}}}
1272 \else
1273 \RequirePackage[LGR,T1]{fontenc}
1274 \RequirePackage{substitutefont}
1275 \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.

```
1276 \ifsuftesi@nofont
1277 \ifsuftesi@greekfont
1278   \ClassWarningNoLine{suftesi}{%
1279     Unused 'greekfont' option}%
1280   \suftesi@greekfontfalse
1281   \else\suftesi@greekfontfalse\fi
1282 \else
1283 \ifsuftesi@standard
1284   \RequirePackage{lmodern}
1285   \ifsuftesi@greekfont
1286     \ClassWarningNoLine{suftesi}{%
1287       Unused 'greekfont' option}%
1288     \suftesi@greekfontfalse
1289     \else\suftesi@greekfontfalse\fi
1290 \else
```

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

```

1291 \ifsuftesi@compatibility
1292   \RequirePackage[osf,sc]{mathpazo}
1293   \RequirePackage[scaled=0.8]{beramono}
1294   \renewcommand{\sfdefault}{iwona}
1295   \ifsuftesi@greekfont
1296   \ifsuftesi@bodoni
1297   \gdef\SUFfntscale{0.96}
1298   \else
1299   \ifsuftesi@artemisia
1300   \gdef\SUFfntscale{0.97}
1301   \else
1302   \ifsuftesi@porson
1303   \gdef\SUFfntscale{1.17}
1304   \else
1305   \ifsuftesi@cbgreek
1306   \def\lmfntscale{1.06}
1307   \else
1308   \fi
1309   \fi
1310   \fi
1311   \fi
1312   \else
1313   \ClassWarningNoLine{suftesi}{\MessageBreak
1314   If you need the Greek font remember\MessageBreak
1315   to set one of the following options:\MessageBreak
1316   greekfont=artemisia,\MessageBreak
1317   greekfont=porson,\MessageBreak
1318   greekfont=cbgreek}
1319   \fi
1320 \else
1321   \ifsuftesi@palatino
1322   \RequirePackage[full]{textcomp}
1323   \RequirePackage[newpxtext}
1324   \RequirePackage[scaled=1.06]{biolinum}
1325   \RequirePackage[varqu,varl]{inconsolata}
1326   \ifsuftesi@mathextended
1327   \RequirePackage{amsthm}
1328   \RequirePackage[bigdelims,vvarbb]{newpxmath}
1329   \RequirePackage[cal=boondoxo]{mathalpha}
1330   \else
1331   \ifsuftesi@mathminimal
1332   \RequirePackage[bigdelims,vvarbb]{newpxmath}
1333   \else
1334   \fi
1335   \fi
1336   \useosf
1337   \useproportional
1338   \ifsuftesi@greekfont

```

```

1339 \ifsuftesi@bodoni
1340 \gdef\SUFfntscale{0.96}
1341 \else
1342 \ifsuftesi@artemisia
1343 \gdef\SUFfntscale{0.97}
1344 \else
1345 \ifsuftesi@porson
1346 \gdef\SUFfntscale{1.17}
1347 \else
1348 \ifsuftesi@cbgreek
1349 \def\lmfntscale{1.06}
1350 \else
1351 \fi
1352 \fi
1353 \fi
1354 \fi
1355 \else
1356 \ClassWarningNoLine{suftesi}{\MessageBreak
1357 If you need the Greek font remember\MessageBreak
1358 to set one of the following options:\MessageBreak
1359 greekfont=artemisia,\MessageBreak
1360 greekfont=porson,\MessageBreak
1361 greekfont=cbgreek}
1362 \fi
1363 \else
1364 \ifsuftesi@libertine
1365 \RequirePackage{textcomp}
1366 \RequirePackage[sb]{libertine}
1367 \RequirePackage[varqu,varl,scaled=0.94]{inconsolata}
1368 \ifsuftesi@mathextended
1369 \RequirePackage{amsthm}
1370 \RequirePackage{libertinust1math}
1371 \RequirePackage[cal=stix,scr=boondoxo,bb=boondox]{mathalpha}
1372 \else
1373 \ifsuftesi@mathminimal
1374 \RequirePackage{libertinust1math}
1375 \else
1376 \fi
1377 \fi
1378 \useosf
1379 \ifsuftesi@bodoni
1380 \gdef\SUFfntscale{0.9}
1381 \else
1382 \ifsuftesi@artemisia
1383 \gdef\SUFfntscale{0.91}
1384 \else
1385 \ifsuftesi@porson
1386 \gdef\SUFfntscale{1.1}
1387 \else
1388 \fi
1389 \fi

```



```

1390     \fi
1391 \else
1392   \ifsuftesi@cochineal
1393     \RequirePackage{textcomp}
1394     \RequirePackage{cochineal}
1395     \RequirePackage[varqu,varl,var0]{inconsolata}
1396     \RequirePackage{biolinum}
1397     \ifsuftesi@mathextended
1398       \RequirePackage{amsthm}
1399       \RequirePackage[cochineal,bigdelims,cmintegrals,vvarbb]{newtxmath}
1400       \RequirePackage[cal=boondoxo]{mathalpha}
1401     \else
1402       \ifsuftesi@mathminimal
1403         \RequirePackage[cochineal,bigdelims,cmintegrals,vvarbb]{newtxmath}
1404       \else
1405         \fi
1406         \fi
1407         \useosf
1408         \useproportional
1409         \ifsuftesi@bodoni
1410         \gdef\SUFfntscale{0.9}
1411       \else
1412         \ifsuftesi@artemisia
1413         \gdef\SUFfntscale{0.905}
1414       \else
1415         \ifsuftesi@porson
1416         \gdef\SUFfntscale{1.1}
1417       \else
1418         \fi
1419         \fi
1420         \fi
1421       \else
1422         \fi
1423         \fi
1424         \fi
1425         \fi
1426         \fi
1427       \fi
1428 \fi
1429 \unless\ifPDFTeX\else
1430 \ifsuftesi@greekfont
1431   \ifsuftesi@artemisia
1432     \def\SUF@greekfamily{artemisia}
1433   \else
1434     \ifsuftesi@porson
1435       \def\SUF@greekfamily{porson}
1436     \else
1437       \ifsuftesi@bodoni
1438       \def\SUF@greekfamily{bodoni}
1439     \else
1440       \ifsuftesi@cbgreek

```

```

1441         \def\SUF@greekfamily{\lrm}
1442     \else
1443         \fi
1444     \fi
1445     \fi
1446     \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.

```

1447 \AtEndPreamble{
1448   \substitutefont{LGR}{\rmdefault}{\SUF@greekfamily}
1449   \DeclareRobustCommand{\greektext}{%
1450     \usefont{LGR}{\SUF@greekfamily}{\f@series}{\f@shape}
1451     \def\encodingdefault{LGR}}
1452   \DeclareTextFontCommand{\textgreek}{\greektext}}
1453 \ifsuf tesi@cbgreek
1454   \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 (`suf tesi <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.

```

1455 \DeclareFontFamily{LGR}{bodoni}{}
1456 \DeclareFontShape{LGR}{bodoni}{m}{n}{<-> s * [\SUFfntscale] gbodonirg6a}{}
1457 \DeclareFontShape{LGR}{bodoni}{m}{it}{<-> s * [\SUFfntscale] gbodonii6a}{}
1458 \DeclareFontShape{LGR}{bodoni}{b}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
1459 \DeclareFontShape{LGR}{bodoni}{b}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
1460 \DeclareFontShape{LGR}{bodoni}{m}{sl}{<-> s * [\SUFfntscale] gbodonio6a}{}
1461 \DeclareFontShape{LGR}{bodoni}{b}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}
1462 \DeclareFontShape{LGR}{bodoni}{m}{sc}{<-> s * [\SUFfntscale] gbodonisc6a}{}
1463 \DeclareFontShape{LGR}{bodoni}{m}{sco}{<-> s * [\SUFfntscale] gbodonisco6a}{}
1464
1465 \DeclareFontShape{LGR}{bodoni}{bx}{n}{<-> s * [\SUFfntscale] gbodonib6a}{}
1466 \DeclareFontShape{LGR}{bodoni}{bx}{it}{<-> s * [\SUFfntscale] gbodonibi6a}{}
1467 \DeclareFontShape{LGR}{bodoni}{bx}{sl}{<-> s * [\SUFfntscale] gbodonibo6a}{}
1468
1469 \DeclareFontFamily{LGR}{artemisia}{}
1470 \DeclareFontShape{LGR}{artemisia}{m}{n}{<-> s * [\SUFfntscale] gartemisiarg6a}{}
1471 \DeclareFontShape{LGR}{artemisia}{m}{it}{<-> s * [\SUFfntscale] gartemisiai6a}{}
1472 \DeclareFontShape{LGR}{artemisia}{b}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
1473 \DeclareFontShape{LGR}{artemisia}{b}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}
1474 \DeclareFontShape{LGR}{artemisia}{m}{sl}{<-> s * [\SUFfntscale] gartemisiao6a}{}
1475 \DeclareFontShape{LGR}{artemisia}{b}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}
1476 \DeclareFontShape{LGR}{artemisia}{m}{sc}{<-> s * [\SUFfntscale] gartemisiasc6a}{}
1477 \DeclareFontShape{LGR}{artemisia}{m}{sco}{<-> s * [\SUFfntscale] gartemisiasco6a}{}
1478
1479 \DeclareFontShape{LGR}{artemisia}{bx}{n}{<-> s * [\SUFfntscale] gartemisiab6a}{}
1480 \DeclareFontShape{LGR}{artemisia}{bx}{it}{<-> s * [\SUFfntscale] gartemisiabi6a}{}

```

```

1481 \DeclareFontShape{LGR}{artemisia}{bx}{sl}{<-> s * [\SUFfntscale] gartemisiabo6a}{}
1482
1483 \DeclareFontFamily{LGR}{porson}{}
1484 \DeclareFontShape{LGR}{porson}{m}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1485 \DeclareFontShape{LGR}{porson}{m}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1486 \DeclareFontShape{LGR}{porson}{b}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1487 \DeclareFontShape{LGR}{porson}{b}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1488 \DeclareFontShape{LGR}{porson}{m}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1489 \DeclareFontShape{LGR}{porson}{b}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1490 \DeclareFontShape{LGR}{porson}{m}{sc}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1491
1492 \DeclareFontShape{LGR}{porson}{bx}{n}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1493 \DeclareFontShape{LGR}{porson}{bx}{it}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1494 \DeclareFontShape{LGR}{porson}{bx}{sl}{<-> s * [\SUFfntscale] gporsonrg6a}{}
1495 \fi
1496 \else
1497 \fi
1498 \fi

```

## 7.4 Section titles

```

1499 \RequirePackage[newparttoc]{titlesec}
1500 \newlength{\sectionsep}
1501 \setlength{\sectionsep}{\dimexpr(\baselineskip) plus 1pt minus 1pt}
1502 \unless\ifPDFTeX
1503 \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
1504 \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextTOCLowercase{#1}}
1505 \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
1506 \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextLowercase{#1}}
1507 \DeclareRobustCommand{\SUF@headingsmallcaps}[1]{%
1508 \addfontfeature{LetterSpace=10}\scshape\suftesi@MakeTextLowercase{#1}}
1509 \else
1510 \DeclareRobustCommand{\SUF@TOCtitlesmallcaps}[1]{%
1511 \scshape\suftesi@MakeTextTOCLowercase{\textls*{#1}}}%
1512 \DeclareRobustCommand{\SUF@titlesmallcaps}[1]{%
1513 \scshape\suftesi@MakeTextLowercase{\textls*{#1}}}%
1514 \DeclareRobustCommand{\SUF@headingsmallcaps}[1]{%
1515 \scshape\suftesi@MakeTextLowercase{\textls*{#1}}}%
1516 \fi

```

### 7.4.1 Default styles

```

1517 \newlength\SUF@ADJnumparchap
1518 \def\SUF@default@CHAPTER{
1519 \ifsuftesi@numparchap
1520 \titleformat{\chapter}[display]
1521 {\SUF@chaptersize\SUF@lr@CHAPSwitch}
1522 {\SUF@thechapter\SUF@dotchap}
1523 {2ex}
1524 {\SUF@CHAP@StyleSwitch}
1525 \else

```

```

1526 \titleformat{\chapter}[hang]
1527     {\SUF@chaptersize\SUF@lr@CHAPSwitch}
1528     {\SUF@thechapter\SUF@dotchap}
1529     {3em}
1530     {\SUF@CHAP@StyleSwitch}
1531 \fi
1532 \ifsuftesi@numparchap
1533     \setlength{\SUF@ADJnumparchap}{-6ex}
1534     \else
1535     \setlength{\SUF@ADJnumparchap}{0pt}
1536 \fi}
1537 \def\SUF@default@SECTIONS{
1538 \ifsuftesi@numparsec
1539     \titleformat{\section}[display]
1540         {\SUF@sectionsize\SUF@lr@SECSwitch}
1541         {\SUF@thesection\SUF@dotsec}
1542         {0ex}
1543         {\SUF@SEC@StyleSwitch}
1544     \titlespacing*{\section}{0em}{\sectionsep}{\sectionsep}[0em]
1545 \else
1546     \titleformat{\section}[hang]
1547         {\SUF@sectionsize\SUF@lr@SECSwitch}
1548         {\SUF@thesection\SUF@dotsec}
1549         {1em}
1550         {\SUF@SEC@StyleSwitch}
1551     \titlespacing*{\section}{0ex}{\sectionsep}{\sectionsep}[0ex]
1552 \fi
1553 \ifsuftesi@numparsubsec
1554     \titleformat{\subsection}[display]
1555         {\SUF@subsectionsize\SUF@lr@SUBSECSwitch}
1556         {\textnormal\SUF@thesubsection\SUF@dotsubsec}
1557         {0ex}
1558         {\SUF@SUBSEC@StyleSwitch}
1559     \titlespacing*{\subsection}{0em}{\sectionsep}{\sectionsep}[0em]
1560 \else
1561     \titleformat{\subsection}[hang]
1562         {\SUF@subsectionsize\SUF@lr@SUBSECSwitch}
1563         {\textnormal\SUF@thesubsection\SUF@dotsubsec}
1564         {1em}
1565         {\SUF@SUBSEC@StyleSwitch}
1566     \titlespacing*{\subsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
1567 \fi
1568 \ifsuftesi@numparsubsubsec
1569     \titleformat{\subsubsection}[display]
1570         {\SUF@subsectionsize\SUF@lr@SUBSUBSECSwitch}
1571         {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
1572         {0ex}
1573         {\SUF@SUBSUBSEC@StyleSwitch}
1574     \titlespacing*{\subsubsection}{0em}{\sectionsep}{\sectionsep}[0em]
1575 \else
1576     \titleformat{\subsubsection}[hang]

```

```

1577 {\SUF@subsectionsize\SUF@lr@SUBSUBSECSwitch}
1578 {\textnormal\SUF@thesubsubsection\SUF@dotsubsubsec}
1579 {1em}
1580 {\SUF@SUBSUBSEC@StyleSwitch}
1581 \titlespacing*{\subsubsection}{\parindent}{\sectionsep}{\sectionsep}[0ex]
1582 \fi}
1583 \SUF@default@CHAPTER
1584 \SUF@default@SECTIONS

```

## 7.4.2 Sections spacing

```

1585 \ifsuftesi@periodical
1586 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1587 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1588 \else
1589 \ifsuftesi@periodicalaureo
1590 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1591 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1592 \else
1593 \ifsuftesi@compact
1594 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1595 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1596 \else
1597 \ifsuftesi@compactaureo
1598 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1599 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1600 \else
1601 \ifsuftesi@supercompact
1602 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1603 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1604 \else
1605 \ifsuftesi@supercompactaureo
1606 \titlespacing*{\chapter}{0em}{\SUF@ADJnumparchap}{18ex}
1607 \titlespacing*{name=\chapter,numberless}{0em}{0pt}{18ex}
1608 \else%standard/standardaureo
1609 \titlespacing*{\chapter}{0em}{%
1610 \dimexpr(6ex+\SUF@ADJnumparchap)}{18ex}
1611 \titlespacing*{name=\chapter,numberless}{0em}{6ex}{18ex}
1612 \fi
1613 \fi
1614 \fi
1615 \fi
1616 \fi
1617 \fi

```

Some redefinitions for article mode:

```

1618 \ifsuftesi@article
1619 \def\chapter#1{\ClassError{suftesi}
1620 {\noexpand\chapter level is undefined
1621 using 'structure=article'}
1622 {\noexpand\chapter level is undefined

```

```

1623   using 'structure=article'}}
1624 \setcounter{tocdepth}{3}
1625 \setcounter{secnumdepth}{3}
1626 \renewcommand\thesection{%
1627   \@arabic\c@section}
1628 \renewcommand\thesubsection{%
1629   \thesection.\@arabic\c@subsection}
1630 \renewcommand\thesubsubsection{%
1631   \thesubsection.\@arabic\c@subsubsection}
1632 \renewcommand\theparagraph{%
1633   \thesubsubsection.\@arabic\c@paragraph}
1634 \renewcommand\thesubparagraph{%
1635   \theparagraph.\@arabic\c@subparagraph}

```

## The \part command

```

1636 \renewcommand\part{%
1637   \ifsuftesi@partpage
1638   \if@openright
1639   \cleardoublepage
1640   \else
1641   \clearpage
1642   \fi
1643   \thispagestyle{plain}%
1644   \fi
1645   \if@twocolumn
1646   \onecolumn
1647   \@tempswatrue
1648   \else
1649   \@tempswafalse
1650   \fi
1651   \ifsuftesi@partpage
1652   \null\vfil
1653   \fi
1654   \secdef\@part\@spart}
1655 \fi
1656
1657 \def\@part[#1]#2{%
1658   \ifnum \c@secnumdepth >-2\relax
1659   \refstepcounter{part}%
1660   \addcontentsline{toc}{part}{\normalfont\normalsize
1661     \SUF@tocpartname\hskip.5em{\SUF@tocPARTnum@font\SUF@thepart}%
1662     \SUF@dotpart\hspace{1em}\SUF@tocPART@font#1}%
1663   \else
1664   \addcontentsline{toc}{part}{\normalfont\normalsize
1665     \SUF@tocPART@font#1}%
1666   \fi
1667   \markboth{}{}%
1668   {\SUF@lr@PARTSwitch\SUF@partsize
1669     \interlinepenalty \@M
1670     \ifnum \c@secnumdepth >-2\relax

```

```

1671 \addvspace{4ex}
1672 \noindent\partname\hskip.5em{\SUF@PART@font\SUF@thepart}\SUF@dotpart
1673 \ifsuftesi@numparpart
1674 \par
1675 \vskip2ex
1676 \else
1677 \hspace{1em}
1678 \fi
1679 \noindent\SUF@PART@StyleSwitch#2\par}%
1680 \@endpart}
1681
1682 \def\@spart#1{%
1683 {\SUF@lr@PARTSwitch\SUF@partsize
1684 \interlinepenalty \@M
1685 \addvspace{4ex}
1686 \noindent\SUF@PART@StyleSwitch#1\par}%
1687 \@endpart}
1688
1689 \ifsuftesi@article
1690 \def\@endpart{%
1691 \ifsuftesi@partpage
1692 \vfil\newpage
1693 \if@twoside
1694 \if@openright
1695 \null
1696 \thispagestyle{empty}%
1697 \newpage
1698 \fi
1699 \fi
1700 \fi
1701 \if@tempswa
1702 \twocolumn
1703 \fi}
1704 \else
1705 \def\@endpart{\vfil\newpage
1706 \if@twoside
1707 \if@openright
1708 \null
1709 \thispagestyle{empty}%
1710 \newpage
1711 \fi
1712 \fi
1713 \if@tempswa
1714 \twocolumn
1715 \fi}
1716 \fi

```

Other sublevels:

```

1717 \titleformat{\paragraph}[runin]
1718 {}

```

```

1719 {\theparagraph}
1720 {.5em}
1721 {\itshape}
1722 [{.}\hspace*{1em}]
1723 \titlespacing*{\paragraph}{\parindent}{.5\sectionsep}{.5\sectionsep}
1724 \titleformat{\subparagraph}[runin]
1725 {}
1726 {\thesubparagraph}
1727 {.5em}
1728 {}
1729 [{.}\hspace*{1em}]
1730 \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.

```

1731 \ifsuftesi@article
1732 \AtBeginDocument{%
1733 \@ifpackageloaded{biblatex}{%
1734   \defbibheading{bibliography}[\refname]{%
1735     \section*{#1}%
1736     \@mkboth{#1}{#1}}
1737   \defbibheading{biblist}[\biblistname]{%
1738     \section*{#1}%
1739     \@mkboth{#1}{#1}}
1740   \defbibheading{bibintoc}[\refname]{%
1741     \section*{#1}%
1742     \addcontentsline{toc}{section}{#1}%
1743     \@mkboth{#1}{#1}}
1744   \defbibheading{biblistintoc}[\biblistname]{%
1745     \section*{#1}%
1746     \addcontentsline{toc}{section}{#1}%
1747     \@mkboth{#1}{#1}}
1748   \defbibheading{bibnumbered}[\refname]{%
1749     \section{#1}}
1750   \defbibheading{biblistnumbered}[\biblistname]{%
1751     \section{#1}}
1752   \defbibheading{subbibliography}[\refname]{%
1753     \subsection*{#1}}
1754   \defbibheading{subbibintoc}[\refname]{%
1755     \subsection*{#1}%
1756     \addcontentsline{toc}{subsection}{#1}}
1757   \defbibheading{subbibnumbered}[\refname]{%
1758     \subsection{#1}}}
1759 {\relax}}
1760 \else
1761 \AtBeginDocument{%
1762 \@ifpackageloaded{biblatex}{%
1763   \defbibheading{bibliography}[\bibname]{%
1764     \chapter*{#1}%

```



```

1765 \mkboth{#1}{#1}
1766 \defbibheading{biblist}[\biblistname]{%
1767 \chapter*{#1}%
1768 \mkboth{#1}{#1}}
1769 \defbibheading{bibintoc}[\bibname]{%
1770 \chapter*{#1}%
1771 \addcontentsline{toc}{chapter}{#1}%
1772 \mkboth{#1}{#1}}
1773 \defbibheading{biblistintoc}[\biblistname]{%
1774 \chapter*{#1}%
1775 \addcontentsline{toc}{chapter}{#1}%
1776 \mkboth{#1}{#1}}
1777 \defbibheading{bibnumbered}[\bibname]{%
1778 \chapter{#1}}
1779 \defbibheading{biblistnumbered}[\biblistname]{%
1780 \chapter{#1}}
1781 \defbibheading{subbibliography}[\refname]{%
1782 \section*{#1}%
1783 \if@twoside\markright{#1}\fi}
1784 \defbibheading{subbibintoc}[\refname]{%
1785 \section*{#1}%
1786 \addcontentsline{toc}{section}{#1}%
1787 \if@twoside\markright{#1}\fi}
1788 \defbibheading{subbibnumbered}[\refname]{%
1789 \section{#1}}
1790 {\relax}
1791 \fi

```

## 7.5 Cover page

```

1792 \newcommand{\Ctitle}[1]{\def\@Ctitle{#1}}
1793 \newcommand{\Csubtitle}[1]{\def\@Csubtitle{#1}}
1794 \newcommand{\CAuthor}[1]{\def\@CAuthor{#1}}
1795 \newcommand{\Ceditor}[1]{\def\@Ceditor{#1}}
1796 \newcommand{\Cfoot}[1]{\def\@Cfoot{#1}}
1797 \newcommand{\Cpagecolor}[1]{\def\@Cpagecolor{#1}}
1798 \newcommand{\Ccirclecolor}[1]{\def\@Ccirclecolor{#1}}
1799 \newcommand{\Ctextcolor}[1]{\def\@Ctextcolor{#1}}
1800 \newcommand{\Cfootcolor}[1]{\def\@Cfootcolor{#1}}
1801 \CAuthor{}
1802 \Ctitle{}
1803 \Csubtitle{}
1804 \Ceditor{}
1805 \Cfoot{}
1806 \Cpagecolor{gray!30}
1807 \Ctextcolor{white}
1808 \Cfootcolor{black}
1809 \AtBeginDocument{
1810 \@ifpackageloaded{tikz}{%
1811 \newcommand\makecover[1][1]{%
1812 \begin{titlepage}

```

```

1813 \begin{tikzpicture}[overlay,remember picture]
1814   \draw[draw=none,fill=\@Cpagecolor]
1815     (current page.north west) rectangle (current page.south east);
1816   \node[anchor=center,yshift=.22\paperwidth] at (current page.center) (c) {};
1817   \draw[draw=none,fill=gray,#1]
1818     (c) circle (.38\paperwidth) ;
1819   \node[anchor=center] at (c) (author) {%
1820 \parbox{.7\paperwidth}{%
1821   \centering
1822   \ifx\@Cauthor\@empty
1823     \else
1824       {\scshape\color{\@Ctextcolor}\@Cauthor\\}
1825       \vspace*{\baselineskip}
1826     \fi
1827
1828     \ifx\@Ctitle\@empty
1829     \else
1830     {\Huge\bfseries\color{\@Ctextcolor}\@Ctitle\\[1ex]}
1831     \fi
1832
1833     \ifx\@Csubtitle\@empty
1834     \else
1835     {\smallskip\Large\color{\@Ctextcolor}\@Csubtitle\\}
1836     \fi
1837
1838     \ifx\@Ceditor\@empty
1839     \else
1840     {\vspace*{2\baselineskip}\color{\@Ctextcolor}\@Ceditor\\}
1841     \fi}
1842 };
1843 \ifx\@Cfoot\@empty\else
1844   \node[xshift=.5\paperwidth,yshift=1cm,
1845     align=center,text=\@Cfootcolor,anchor=south]
1846   at (current page.south west) {\@Cfoot};
1847 \fi
1848 \end{tikzpicture}
1849 \end{titlepage}
1850 }
1851 }
1852 {\def\makecover{\ClassError{suftesi}{\MessageBreak%
1853 *****\MessageBreak
1854 * To use the \noexpand\makecover command\MessageBreak
1855 * load the 'tikz' package.\MessageBreak
1856 *****}{\MessageBreak%
1857 *****\MessageBreak
1858 * To use the \noexpand\makecover command\MessageBreak
1859 * load the 'tikz' package.\MessageBreak
1860 *****}}}}
1861 }

```

## 7.6 Title page

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

```
1862 \def\isbn#1{\gdef\@isbn{#1}}
1863 \def\@issn{\@latex@warning@no@line{%
1864   No \noexpand\isbn given}}
1865 \def\doi#1{\gdef\@doi{#1}}
1866 \def\@doi{\@latex@warning@no@line{%
1867   No \noexpand\doi given}}
1868 \def\isbn#1{\gdef\@issn{#1}}
1869 \def\@issn{\@latex@warning@no@line{%
1870   No \noexpand\isbn given}}
1871 \renewcommand*{\title}[2][\gdef\@headtitle{#1}\gdef\@title{#2}}
1872 \edef\title{\noexpand\@dblarg
1873 \expandafter\noexpand\csname\string\title\endcsname}
1874 \def\@headtitle{--missing title--%
1875   \protect\ClassWarningNoLine{suftesi}{%
1876     No \string\title\space given \MessageBreak%
1877     See the class documentation for explanation}}
1878 \def\@title{--missing title--%
1879   \protect\ClassWarningNoLine{suftesi}{%
1880     No \string\title\space given \MessageBreak%
1881     See the class documentation for explanation}}
1882 \def\@author{--missing author--%
1883   \protect\ClassWarningNoLine{suftesi}{%
1884     No \string\author\space given \MessageBreak%
1885     See the class documentation for explanation}}
```

### 7.6.1 For titlepage (default) option

```
1886 \if@titlepage% titlepage
1887 \renewcommand\maketitle{\begin{titlepage}%
1888 \let\footnotesize\small
1889 \let\footnoterule\relax
1890 \let \footnote \thanks
1891 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1892 \null\vfil
1893 \vskip 60\p@
1894 \begin{center}%
1895   {\SUF@chaptersize\color{sufred}\sffamily%
1896   \ifsuftesi@smallcapschap%
1897     \SUF@titlesmallcaps{\@title}
1898   \else
1899     \ifsuftesi@article
1900     \ifsuftesi@smallcapssec
1901       \SUF@titlesmallcaps{\@title}
1902     \else
1903       \@title
1904     \fi
1905   \else
1906     \@title
```

```

1907     \fi
1908     \fi\par}%
1909     \vskip 3em%
1910     {\small\lineskip .75em%
1911       \begin{tabular}[t]{c}%
1912         \@author
1913       \end{tabular}\par}%
1914     \vskip 1.5em%
1915     {\small\@date\par}%
1916 \end{center}\par
1917 \@thanks
1918 \vfil\null
1919 \end{titlepage}%
1920 \setcounter{footnote}{0}%
1921 \global\let\thanks\relax
1922 \global\let\maketitle\relax
1923 \global\let\@thanks\@empty
1924 \global\let\@date\@empty
1925 \global\let\date\relax
1926 \global\let\and\relax}

```

### The standard \aketitle style

```

1927 \newcommand\standardtitle{\begin{titlepage}%
1928   \let\footnotesize\small
1929   \let\footnoterule\relax
1930   \let \footnote \thanks
1931   \null\vfil
1932   \vskip 60\p@
1933   \begin{center}%
1934     {\LARGE \@title \par}%
1935     \vskip 3em%
1936     {\large
1937       \lineskip .75em%
1938       \begin{tabular}[t]{c}%
1939         \@author
1940       \end{tabular}\par}%
1941     \vskip 1.5em%
1942     {\large \@date \par}%
1943   \end{center}\par
1944   \@thanks
1945   \vfil\null
1946   \end{titlepage}%
1947   \setcounter{footnote}{0}%
1948   \global\let\thanks\relax
1949   \global\let\maketitle\relax
1950   \global\let\@thanks\@empty
1951   \global\let\@date\@empty
1952   \global\let\date\relax
1953   \global\let\and\relax}
1954 \else

```

## 7.6.2 For notitlepage option

```
1955 \renewcommand\maketitle{\par
1956   \begin{group}
1957     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
1958     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
1959     \long\def\@makefnmark##1{\parindent 1em\noindent
1960       \hbext@1.8em{%
1961         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
1962     \if@twocolumn
1963       \ifnum \col@number=\@ne
1964         \@maketitle
1965       \else
1966         \twocolumn[\@maketitle]%
1967       \fi
1968     \else
1969       \newpage
1970       \global\@topnum\z@% Prevents figures from going at top of page.
1971       \@maketitle
1972     \fi
1973     \thispagestyle{plain}\@thanks
1974   \end{group}
1975   \setcounter{footnote}{0}%
1976   \global\let\thanks\relax
1977   \global\let\maketitle\relax
1978   \global\let\@maketitle\relax
1979   \global\let\@thanks\@empty
1980   \global\let\@date\@empty
1981   \global\let\date\relax
1982   \global\let\and\relax}
1983 \def\@maketitle{%
1984   \newpage
1985   \null
1986   \vskip 2em%
1987   \begin{center}%
1988     \let \footnote \thanks
1989     {\SUF@chaptersize\color{sufred}\sffamily%
1990     \ifsufteresi@smallcapschap%
1991       \SUF@titlesmallcaps{\@title}
1992     \else
1993       \ifsufteresi@article
1994         \ifsufteresi@smallcapssec
1995           \SUF@titlesmallcaps{\@title}
1996         \else
1997           \@title
1998         \fi
1999       \else
2000         \@title
2001       \fi
2002     \fi\par}%
2003   \vskip 1.5em%
```

```

2004      {\small\lineskip .5em%
2005        \begin{tabular}[t]{c}%
2006          \@author\par
2007        \end{tabular}\par}%
2008      \vskip 1em%
2009      {\small\@date\par}%
2010    \end{center}%
2011    \par
2012    \vskip 1.5em}

```

### The standard \maketitle style

```

2013 \newcommand\standardtitle{\par
2014   \begingroup
2015     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
2016     \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
2017     \long\def\@makefntext##1{\parindent 1em\noindent
2018       \hb@xt@1.8em{%
2019         \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
2020     \if@twocolumn
2021       \ifnum \col@number=\@ne
2022         \@standardmaketitle
2023       \else
2024         \twocolumn[\@standardmaketitle]%
2025       \fi
2026     \else
2027       \newpage
2028       \global\@topnum\z@
2029       \@standardmaketitle
2030     \fi
2031     \thispagestyle{plain}\@thanks
2032   \endgroup
2033   \setcounter{footnote}{0}%
2034   \global\let\thanks\relax
2035   \global\let\maketitle\relax
2036   \global\let\@standardmaketitle\relax
2037   \global\let\@thanks\@empty
2038   \global\let\@date\@empty
2039   \global\let\date\relax
2040   \global\let\and\relax}
2041 \def\@standardmaketitle{%
2042   \newpage
2043   \null
2044   \vskip 2em%
2045   \begin{center}%
2046     \let \footnote \thanks
2047     {\LARGE \@title \par}%
2048     \vskip 1.5em%
2049     {\large
2050       \lineskip .5em%
2051       \begin{tabular}[t]{c}%

```

```

2052      \@author
2053      \end{tabular}\par}%
2054      \vskip 1em%
2055      {\large \@date}%
2056      \end{center}%
2057      \par
2058      \vskip 1.5em}
2059 \fi

```

## 7.7 The collection structure

```

2060 \ifsuftesi@collection
2061 \newcounter{journalnumber}
2062 \newcounter{journalvolume}
2063 \newcounter{issue}
2064 \newcounter{title}
2065 \setcounter{title}{1}
2066 \newcounter{article}
2067 \setcounter{article}{0}
2068 \setcounter{journalnumber}{0}
2069 \setcounter{tocdepth}{0}
2070 \def\journalname#1{\gdef\@journalname{#1}}
2071 \def\@journalname{\@latex@warning@no@line{%
2072   No \noexpand\journalname given}}
2073 \def\journalvolume#1{\gdef\@journalvolume{#1}}
2074 \def\@journalvolume{\@latex@warning@no@line{%
2075   No \noexpand\journalvolume given}}
2076 \def\journalnumber#1{\gdef\@journalnumber{#1}}
2077 \def\@journalnumber{\@latex@warning@no@line{%
2078   No \noexpand\journalnumber given}}
2079 \def\issue#1{\gdef\@issue{#1}}
2080 \def\@issue{\@latex@warning@no@line{%
2081   No \noexpand\issue given}}
2082 \def\journalyear#1{\gdef\@journalyear{#1}}
2083 \def\@journalyear{\@latex@warning@no@line{%
2084   No \noexpand\journalyear given}}
2085 \def\journalwebsite#1{\gdef\@journalwebsite{\url{#1}}}
2086 \def\@journalwebsite{\@latex@warning@no@line{%
2087   No \noexpand\journalwebsite given}}
2088 \def\thanks#1{\footnotemark\ \protected@xdef\@thanks{%
2089   \@thanks\protect\footnotetext[\the\c@footnote]{#1}}}
2090 \def\fulljournal{\emph{\@journalname} \@journalnumber, %
2091   \@issue} \@journalyear}
2092 \def\issuename#1{\gdef\@issuename{#1}}
2093 \def\collectiontitle#1{\gdef\@collectiontitle{#1}}
2094 \def\@collectiontitle{\@latex@warning@no@line{%
2095   No \noexpand\collectiontitle given}}
2096 \def\collectioneditor#1{\gdef\@collectioneditor{#1}}
2097 \def\@collectioneditor{\@latex@warning@no@line{%
2098   No \noexpand\collectioneditor given}}
2099 \renewcommand*{\title}[2][]{%

```

```

2100 \gdef\@headtitle{#1}\gdef\@title{#2}\markright{#1}}
2101 \edef\title{\noexpand\@dblarg
2102 \expandafter\noexpand\csname\string\title\endcsname}
2103 \def\@headtitle{--missing title--%
2104 \protect\ClassWarningNoLine{suftesi}{%
2105 No \string\title\space given \MessageBreak%
2106 See the class documentation for explanation}}
2107 \def\@title{--missing title--%
2108 \protect\ClassWarningNoLine{suftesi}{%
2109 No \string\title\space given\MessageBreak%
2110 See the class documentation for explanation}}
2111 \def\@author{--missing author--%
2112 \protect\ClassWarningNoLine{suftesi}{%
2113 No \string\author\space given\MessageBreak%
2114 See the class documentation for explanation}}
2115 \newcommand*\l@title[2]{%
2116 \ifnum \c@tocdepth >\m@ne
2117 \addpenalty{-\@highpenalty}%
2118 \vskip 1.0ex \@plus\p@
2119 \begingroup
2120 \parindent \z@ \rightskip \@pnumwidth
2121 \parfillskip -\@pnumwidth
2122 \advance\leftskip1em
2123 \hskip -\leftskip
2124 #1\nobreak%
2125 \ifsuftesi@dottedtoc\dotfill%
2126 \nobreak\hb@xt@\@pnumwidth{\hss #2}\par
2127 \else
2128 \ifsuftesi@raggedtoc%
2129 \nobreak\hskip1em #2 \hfill\null\par
2130 \else
2131 \ifsuftesi@pagelefttoc
2132 \ClassError{suftesi}
2133 {\MessageBreak
2134 You can not use tocstyle=leftpage\MessageBreak
2135 with structure=collection}
2136 {You can not use tocstyle=leftpage\MessageBreak
2137 with structure=collection}
2138 \else
2139 \nobreak\hfill #2\par
2140 \fi
2141 \fi
2142 \fi
2143 \penalty\@highpenalty
2144 \endgroup
2145 \fi}
2146 \renewcommand\maketitle{\par
2147 \begingroup
2148 \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
2149 \def\@makefnmark{\rlap{\@textsuperscript{\normalfont\@thefnmark}}}%
2150 \long\def\@makefntext##1{\parindent 1em\noindent

```



```

2151          \hb@xt@1.8em{%
2152              \hss\@textsuperscript{\normalfont\@thefnmark}}##1}%
2153 \if@twocolumn
2154     \ifnum \col@number=\@ne
2155         \@maketitle
2156     \else
2157         \twocolumn[\@maketitle]%
2158     \fi
2159 \else
2160     \newpage
2161     \global\@topnum\z@ % Prevents figures from going at top of page.
2162     \@maketitle
2163 \fi
2164 \thispagestyle{plain}\@thanks%
2165 \endgroup
2166 % \setcounter{footnote}{0}%
2167 \setcounter{section}{0}%
2168 % \global\let\thanks\relax
2169 % \global\let\maketitle\relax
2170 % \global\let\@maketitle\relax
2171 % \global\let\@thanks\@empty
2172 % \global\let\@author\@empty
2173 % \global\let\@date\@empty
2174 % \global\let\@title\@empty
2175 % \global\let\title\relax
2176 % \global\let\author\relax
2177 % \global\let\date\relax
2178 \global\let\and\relax
2179 \let\thanks\@gobble}
2180 \AtBeginDocument{\def\@maketitle{%
2181     \refstepcounter{article}
2182     \SUF@chaptersize
2183     \SUF@lr@coll@titleSwitch
2184     \let\footnote\thanks
2185     \parindent=0pt
2186     {\ifsuftesi@reverseauthortitle
2187         \SUF@titlefont@Switch{\@title}%
2188         \else\SUF@authorfont@Switch{\@author}\fi}%
2189     \label{begin:\thearticle}
2190     \xdef\@currentHref{title.\thearticle}%
2191     \Hy@raisedlink{%
2192         \hyper@anchorstart{\@currentHref}\hyper@anchorend}%
2193     \csname toc@entry@\endcsname
2194     \begingroup%
2195     \let\thanks\@gobble
2196     \addcontentsline{toc}{title}{%
2197         {\SUF@tocAUT@font{\@author}}\texorpdfstring{\newline}{, }%
2198         {\SUF@tocTIT@font{\@headtitle}}}
2199     \endgroup%
2200     \par\nobreak\vspace{2ex}
2201     {\ifsuftesi@reverseauthortitle

```

```

2202     \SUF@authorfont@Switch{\@author}%
2203     \else
2204     \SUF@titlefont@Switch{\@title}%
2205     \fi\vskip1.5cm}}%
2206   }
2207 % \newenvironment{article}
2208 %   {\begingroup
2209 %   \global\let\@thanks\@empty
2210 %   \setcounter{footnote}{0}
2211 %   \refstepcounter{article}
2212 %   \label{begin:\thearticle}
2213 %}
2214 %   {\label{end:\thearticle}\endgroup
2215 %   }
2216 \newenvironment{article}
2217   {\begingroup
2218   \setcounter{section}{0}
2219   \setcounter{footnote}{0}
2220   \setcounter{figure}{0}
2221   \setcounter{table}{0}}
2222   {\label{end:\thearticle}
2223   \cleardoublepage
2224   \global\let\@thanks\@empty
2225   \endgroup}
2226 \newcommand{\frontispiece}{%
2227   \thispagestyle{empty}%
2228   \begingroup
2229   \centering
2230   \vspace*{\stretch{1}}
2231
2232   {\SUF@chaptersize\@collectiontitle\par}
2233   \vskip5ex
2234
2235   \@collectioneditor
2236   \vspace*{\stretch{3}}
2237
2238   \endgroup
2239   \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:

```

2240 \setcounter{tocdepth}{0}
2241 \renewcommand\thesection{%
2242   \@arabic\c@section}
2243 \renewcommand\thesubsection{%
2244   \thesection.\@arabic\c@subsection}
2245 \renewcommand\thesubsubsection{%
2246   \thesubsection.\@arabic\c@subsubsection}

```

```

2247 \renewcommand\theparagraph{%
2248     \thesubsubsection.\@arabic\c@paragraph}
2249 \renewcommand\thesubparagraph{%
2250     \theparagraph.\@arabic\c@subparagraph}
2251 \else
2252 \fi

```

## 7.8 Frontispiece

```

2253 \AtBeginDocument{%
2254 \@ifpackagewith{frontespizio}{suftesi}{%
2255 \ifsuftesi@periodical
2256     \Margini {5.5cm}{7cm}{4.5cm}{0cm}
2257     \else
2258 \ifsuftesi@compact
2259     \Margini {4.5cm}{7cm}{4.5cm}{0cm}
2260     \else
2261 \ifsuftesi@supercompact
2262     \Margini {4.5cm}{10cm}{6cm}{1cm}
2263     \else
2264 \ifsuftesi@compactaureo
2265     \Margini {4.5cm}{7cm}{4.5cm}{0cm}
2266     \else
2267 \ifsuftesi@supercompactaureo
2268     \Margini {4.5cm}{10cm}{6cm}{1cm}
2269     \else
2270 \ifsuftesi@periodicalaureo
2271     \Margini {5.5cm}{7cm}{4.5cm}{0cm}
2272     \else
2273 \fi\fi\fi\fi\fi\fi}
2274 {\@ifpackageloaded{frontespizio}{%
2275 \ifsuftesi@periodical
2276     \Margini {1cm}{7cm}{5cm}{1cm}
2277     \Rientro{1cm}
2278     \else
2279 \ifsuftesi@compact
2280     \Margini {1cm}{7cm}{6cm}{1cm}
2281     \Rientro{1cm}
2282     \else
2283 \ifsuftesi@supercompact
2284     \Margini {1cm}{10cm}{8cm}{1cm}
2285     \Rientro{1cm}
2286     \else
2287 \ifsuftesi@compactaureo
2288     \Margini {1cm}{7cm}{6cm}{1cm}
2289     \Rientro{1cm}
2290     \else
2291 \ifsuftesi@supercompactaureo
2292     \Margini {1cm}{10cm}{8cm}{1cm}
2293     \Rientro{1cm}
2294     \else

```

```

2295 \ifsuftesi@periodicalaureo
2296   \Margini {1cm}{7cm}{5cm}{1cm}
2297   \Rientro{1cm}
2298   \else
2299   \fi\fi\fi\fi\fi\fi}
2300 {\relax}}

```

## 7.9 The index

```

2301 \renewenvironment{theindex}
2302   {\if@twocolumn
2303     \@restonecolfalse
2304     \else
2305     \@restonecoltrue
2306     \fi
2307   \ifsuftesi@article
2308   \twocolumn[\section*{\indexname}]\%
2309   \else
2310   \twocolumn[\@makeschapterhead{\indexname}]\%
2311   \fi
2312   \@mkboth{\indexname}{\indexname}%
2313   \thispagestyle{plain}%
2314   \raggedright%
2315   \parindent\z@
2316   \parskip\z@ \@plus .3\p@\relax
2317   \columnseprule \z@
2318   \columnsep 35\p@
2319   \let\item\@idxitem}
2320 {\if@restonecol\onecolumn\else\clearpage\fi}

```

## 7.10 Appendices

```

2321 \RequirePackage{appendix}
2322 \noappendicestocpagenum
2323 % Bug using defaultfont=none,libertine,standard,compatibility
2324 % \AtBeginEnvironment{appendices}{\appendix\mainmatter}
2325 \def\appendicesname{%
2326   \ClassError{suftesi}%
2327   {Command \noexpand\appendicesname undefined\MessageBreak
2328   Redefine the \noexpand\appendixpagename command instead.
2329   See the 'appendix' package documentation.\MessageBreak
2330   \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}}
2331 {Command \noexpand\appendicesname undefined\MessageBreak
2332 Redefine the \noexpand\appendixpagename command instead.
2333 See the 'appendix' package documentation.\MessageBreak
2334 \noexpand\renewcommand{\noexpand\appendixpagename{newname}}}}}
2335 \renewcommand{\@chap@pppage}{%
2336   \clear@ppage
2337   \thispagestyle{plain}%
2338   \if@twocolumn\onecolumn\@tempswatrue\else\@tempswafalse\fi
2339   \null\vfil
2340   \markboth{}{}%

```

```

2341 {\centering
2342   \interlinepenalty \@M
2343   \normalfont
2344   \SUF@chaptersize
2345   \SUF@CHAP@StyleSwitch\expandafter\appendixpagenam\par}%
2346 \if@dotoc@pp
2347 \addappheadtotoc
2348 \fi
2349 \vfil\newpage
2350 \if@twoside
2351 \if@openright
2352 \null
2353 \thispagestyle{empty}%
2354 \newpage
2355 \fi
2356 \fi
2357 \if@tempswa
2358 \twocolumn
2359 \fi}
2360 \renewcommand{\@sec@pppage}{%
2361   \par
2362   \addvspace{4ex}%
2363   \@afterindentfalse
2364   {\parindent \z@ \raggedright
2365     \interlinepenalty \@M
2366     \normalfont
2367     \SUF@chaptersize
2368     \SUF@CHAP@StyleSwitch\expandafter\appendixpagename%
2369     \markboth{}{}\par}%
2370 \if@dotoc@pp
2371 \addappheadtotoc
2372 \fi
2373 \nobreak
2374 \vskip 3ex
2375 \@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`.

```

2376 \def\suf@appendixtoc{%
2377   \ifsuf@pagelefttoc
2378   \titlecontents{chapter}
2379   [\SUF@tochang@chap]
2380   {\addvspace{2ex}}
2381   {\hskip-\SUF@tochang@chap%
2382     \makebox[1em][l]{\thecontentspage}%
2383     \hskip\SUF@addto@tochang@chap%
2384     \makebox[\SUF@label@chap][l]{%

```

```

2385     \thecontentslabel}\hspace*{1em}%
2386     \SUF@tocCHAP@font}
2387 {\hskip-\SUF@tochang@chap%
2388     \makebox[1em][l]{\thecontentspage}%
2389     \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
2390 {}
2391 [\addvspace{1ex}]
2392 \ifsufteresi@toccompactsec
2393 \titlecontents*{section}[\SUF@tochang@chap]{}{%
2394     \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2395     \thecontentspage}[][\adjtocpagesep][\suf@ctocdotsec]
2396 \else
2397 \titlecontents{section}
2398 [\SUF@tochang@sec]
2399 {}
2400 {\hskip-\SUF@tochang@sec%
2401     \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2402 %     \makebox[\SUF@label@sec][l]{%
2403 %     \ifsufteresi@article\SUF@toclabelnum%
2404 %     \else\fi\thecontentslabel}\hspace*{1em}%
2405     \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
2406     \SUF@tocSEC@font}
2407 {\hskip-\SUF@tochang@sec%
2408     \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2409     \SUF@tocSEC@font}
2410 {}
2411 \fi
2412 \else
2413 \titlecontents{chapter}
2414 [\SUF@tocindent@chap]
2415 {\addvspace{2ex}}
2416 {\hskip-\SUF@tocindent@chap%
2417     \makebox[\SUF@label@chap][l]{\thecontentslabel}%
2418     \hspace*{1em}%
2419     \SUF@tocCHAP@font}
2420 {\hskip-\SUF@tocindent@chap%
2421     \SUF@tocCHAP@font}
2422 {\SUF@chaptitlerule\contentspage}
2423 [\addvspace{1ex}]
2424 \ifsufteresi@toccompactsec
2425 \titlecontents*{section}[\SUF@tocindent@chap]{}{%
2426     \thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2427     \thecontentspage}[][\adjtocpagesep][\suf@ctocdotsec]
2428 \else
2429 \titlecontents{section}
2430 [\SUF@tocindent@sec]
2431 {}
2432 {\hskip-\dimexpr(\SUF@label@sec+1em)%
2433 %     \makebox[\SUF@label@sec][l]{%
2434 %     \ifsufteresi@article\SUF@toclabelnum%
2435 %     \else\fi\thecontentslabel}\hspace*{1em}%

```

```

2436 \makebox[\SUF@label@sec][l]{\thecontentslabel}\hspace*{1em}%
2437 \SUF@tocSEC@font}
2438 {\hskip-\dimexpr(\SUF@label@sec+1em)%
2439 \SUF@tocSEC@font}
2440 {\ifsuftesi@article\SUF@chaptitlerule%
2441 \else\SUF@titlerule\fi\contentspage}
2442 \fi}
2443 \ifsuftesi@article
2444 \renewcommand\appendix{\par
2445 \suf@appendixtoc%
2446 \setcounter{section}{0}%
2447 \setcounter{subsection}{0}%
2448 \gdef\SUF@thesection{\@Alph\c@section}%
2449 \gdef\SUF@HEAD@thesection{\@Alph\c@section}%
2450 \renewcommand{\thesection}{\@Alph\c@section}}
2451 \else
2452 \renewcommand\appendix{\par
2453 \suf@appendixtoc%
2454 \setcounter{chapter}{0}%
2455 \setcounter{section}{0}%
2456 \gdef\@chapapp{\appendixname}%
2457 \gdef\SUF@thechapter{\@Alph\c@chapter}%
2458 \gdef\SUF@HEAD@thechapter{\@Alph\c@chapter}%
2459 \renewcommand{\thechapter}{\@Alph\c@chapter}}
2460 \fi

```

## 7.11 Headings

```

2461 \RequirePackage{fancyhdr}
2462 \newcommand{\versionstring}[1]{\def\version@string{#1}}
2463 \versionstring{Version of}
2464 \AtBeginDocument{%
2465 \pagestyle{fancy}
2466 \renewcommand{\headrulewidth}{0pt}
2467 \renewcommand{\footnoterule}{}
2468 \def\SUF@versionstring{\texttt{\version@string} \today}}

```

### The default headers

```

2469 \renewcommand{\chaptermark}[1]{%
2470 \markboth{\chaptertitlename\ \protect\SUF@HEAD@thechapter}{#1}}
2471 \ifsuftesi@article
2472 \renewcommand{\sectionmark}[1]{\markright{\protect\SUF@HEAD@thesection.\ #1}}
2473 \else
2474 \renewcommand{\sectionmark}[1]{}
2475 \fi

```

### The plain style

```

2476 \fancypagestyle{plain}{\fancyhf{}}

```

## The sufplain style

```
2477 \fancypagestyle{sufplain}{%
2478   \fancyhf{}%
2479   \fancyfoot[RE,LO]{%
2480     \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2481   \fancyfoot[C]{\footnotesize\SUF@thepage}}
```

## The centerheader style

```
2482 \fancypagestyle{centerheader}{%
2483   \fancyhf{}%
2484   \fancyfoot[RE,LO]{%
2485     \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2486   \fancyhead[CO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
2487   \fancyhead[CE]{\footnotesize\breakinbodyfalse%
2488     \SUF@LR@MarkSwitch}
2489   \fancyfoot[C]{\footnotesize\SUF@thepage}}
```

## The sufdefault style

```
2490 \fancypagestyle{sufdefault}{%
2491   \fancyhf{}%
2492   \fancyfoot[RE,LO]{%
2493     \ifsuftesi@draftdate\footnotesize\SUF@versionstring\else\fi}
2494   \fancyhead[LE,RO]{\footnotesize\SUF@thepage}
2495   \fancyhead[LO]{\footnotesize\breakinbodyfalse\SUF@rightmark}
2496   \fancyhead[RE]{\footnotesize\breakinbodyfalse%
2497     \SUF@LR@MarkSwitch}}
2498 \ifsuftesi@article
2499   \ifsuftesi@authortitle
2500     \def\SUF@LR@MarkSwitch{\SUF@leftmark}
2501   \else
2502     \def\SUF@LR@MarkSwitch{\SUF@rightmark}
2503   \fi
2504 \else
2505   \def\SUF@LR@MarkSwitch{\SUF@leftmark}
2506 \fi
2507 \def\SUF@leftrightmark{%
2508   \if@mainmatter\leftmark\else\rightmark\fi}
2509 \pagestyle{sufdefault}
2510 \ifsuftesi@centerheader\pagestyle{centerheader}\else\fi
2511 \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 \parindent.

```
2512 \renewenvironment{quotation}
2513   {\list{}}{\listparindent\parindent%
```



```

2514 \itemindent \listparindent
2515 \leftmargin \parindent
2516 \SUF@quote@style
2517 \parsep \z@ \@plus\p@}%
2518 \item\relax%
2519 \SUF@quotation@size%
2520 \noindent\ignorespaces}
2521 {\endlist}
2522 \renewenvironment{quote}
2523 {\list{}{\leftmargin \parindent
2524 \SUF@quote@style}%
2525 \item\relax%
2526 \SUF@quotation@size}% \ignorespaces?
2527 {\endlist}
2528 \renewenvironment{verse}
2529 {\let\\\@centercr
2530 \list{}{\itemsep \z@
2531 \itemindent -1.5em%
2532 \listparindent\itemindent
2533 \rightmargin \leftmargin
2534 \advance\leftmargin 1.5em}%
2535 \item\relax
2536 \SUF@quotation@size}
2537 {\endlist}

```

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

```

2538 \ifsuftesi@fewfootnotes
2539 \AtBeginDocument{%
2540 \def\@fnsymbol#1{\ensuremath{\ifcase#1\or*\or{*}{*}\or{*}{*}{*}\or%
2541 \ClassError{suftesi}%
2542 {Too many footnotes\MessageBreak
2543 Remove the class option 'fewfootnote'}
2544 {Too many footnotes\MessageBreak
2545 Remove the class option 'fewfootnote'}
2546 \else\@ctrerr\fi}}}
2547 \def\thefootnote{\@fnsymbol\c@footnote}%
2548 \else\fi

```

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

```

2549 \newcommand*\xfootnote[1][*]{%
2550 \xdef\@thefnmark{#1}%
2551 \@footnotemark\@footnotetext}

```

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

```

2552 \def\SUF@mpsetup{%

```

```

2553 \itshape
2554 \footnotesize%
2555 \parindent=0pt \lineskip=0pt \lineskiplimit=0pt%
2556 \tolerance=2000 \hyphenpenalty=300 \exhyphenpenalty=300%
2557 \doublehyphendemerits=100000%
2558 \finalhyphendemerits=\doublehyphendemerits}
2559 \let\oldmarginpar\marginpar
2560 \renewcommand{\marginpar}[1]{\oldmarginpar%
2561 [\SUF@mpsetup\raggedleft\hspace{0pt}{#1}]}%
2562 {\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:

```

2563 \AtBeginDocument{%
2564 \@ifpackageloaded{todonotes}{%
2565 \renewcommand{\@todonotes@drawMarginNoteWithLine}{%
2566 \begin{tikzpicture}[remember picture, overlay, baseline=-0.75ex]%
2567 \node [coordinate] (inText) {};%
2568 \end{tikzpicture}%
2569 \oldmarginpar[{\% Draw note in left margin
2570 \@todonotes@drawMarginNote%
2571 \@todonotes@drawLineToLeftMargin%
2572 }]{\% Draw note in right margin
2573 \@todonotes@drawMarginNote%
2574 \@todonotes@drawLineToRightMargin%
2575 }
2576 }
2577 }
2578 {\relax}}

```

## Abstract

```

2579 \ifsuftesi@collection
2580 \newenvironment{abstract}{%
2581 \if@twocolumn
2582 \section*{\abstractname}%
2583 \else
2584 \small
2585 \begin{center}%
2586 {\abstractname\vspace{-.5em}\vspace{\z@}}%
2587 \end{center}%
2588 \quotation
2589 \fi}
2590 {\if@twocolumn\else\endquotation\fi\vspace{6ex}}
2591 \else
2592 \if@titlepage
2593 \newenvironment{abstract}{%
2594 \titlepage
2595 \null\vfil

```

```

2596 \beginparpenalty\@lowpenalty
2597 \begin{center}%
2598 \abstractname
2599 \endparpenalty\@M
2600 \end{center}}%
2601 {\par\vfil\null\endtitlepage}
2602 \else
2603 \newenvironment{abstract}{%
2604 \if@twocolumn
2605 \section*{\abstractname}%
2606 \else
2607 \small
2608 \begin{center}%
2609 {\abstractname\vspace{-.5em}\vspace{\z@}}%
2610 \end{center}%
2611 \quotation
2612 \fi}
2613 {\if@twocolumn\else\endquotation\fi}
2614 \fi
2615 \fi
2616 \newcommand\abstractname{Abstract}

```

### Colophon or copyright notice

```

2617 \newcommand{\colophon}[3][{}]{%
2618 \thispagestyle{empty}
2619 \null
2620 \vfill
2621 \def\next{#2}
2622 \ifx\next\@empty\else
2623 \noindent Copyright \copyright{} \the\year~#2\\[1ex]
2624 Tutti i diritti riservati
2625 \fi
2626 \vfill
2627 {\small\noindent Questo lavoro \textit{'e} stato composto con \LaTeX{}}%
2628 \def\next{#1}
2629 \ifx\next\@empty\else su #1
2630 \fi usando la classe \textsf{suftesi} di
2631 Ivan Valbusa\index{Valbusa, Ivan}. #3\par}
2632 \cleardoublepage}
2633 \newcommand{\bookcolophon}[2]{%
2634 \thispagestyle{empty}
2635 \null
2636 \vfill
2637 \noindent #1
2638 \vfill
2639 {\small\noindent #2\par}
2640 \cleardoublepage}
2641 \newcommand{\artcolophon}[1]{%
2642 \thispagestyle{empty}
2643 \null

```

```

2644 \vfill
2645 {\small\noindent #1\par}}
2646 \newcommand{\finalcolophon}[1]{%
2647 \thispagestyle{empty}
2648 \null\vspace*{\stretch{1}}
2649 \begin{center}
2650 \begin{minipage}{.5\textwidth}
2651 \centering\small #1
2652 \end{minipage}
2653 \end{center}
2654 \vspace*{\stretch{6}}}}

```

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

```

2655 \ifsuftesi@FSPL
2656 \newcommand{\FSPLcolophon}[1][\the\year]{%
2657 \begin{group}
2658 \thispagestyle{empty}
2659 \null\vspace{\stretch{1}}
2660 \noindent \hskip-.5em\cc #1 \@author%
2661 \vskip1ex
2662
2663 \small\noindent This work is licensed under the Creative Commons
2664 Attribution-NonCommercial-NoDerivs 3.0 Unported License.
2665 To view a copy of this license,
2666 visit http://creativecommons.org/licenses/by-nc-nd/3.0/.
2667
2668 \end{group}
2669
2670 \begin{group}
2671 \footnotesize
2672
2673 \null\vspace{\stretch{1}}
2674
2675 \noindent Typeset with \LaTeX{} in collaboration with the Joint Project
2676 \emph{Formal Style for PhD Theses with \LaTeX} (University of Verona,
2677 Italy) using the \textsf{suftesi} class by Ivan Valbusa. The text face
2678 is Palatino, designed by Hermann Zapf. The sans serif font is Iwona by
2679 Janusz M.~Nowacki.
2680
2681 \end{group}
2682
2683 \clearpage}
2684 \else
2685 \def\FSPLcolophon{%
2686 \ClassError{suftesi}
2687 {\noexpand\FSPLcolophon is defined\MessageBreak
2688 only for the FSPL styles}
2689 {\noexpand\FSPLcolophon is defined\MessageBreak
2690 only for the FSPL styles}}
2691 \fi

```

## 7.13 ToC, LoF and LoT

```
2692 \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.

```
2693 \newlength\SUF@label@chap
2694 \setlength\SUF@label@chap{.5em}
2695 \newcommand*{\toclabelwidth}[2]{%
2696   \AtBeginDocument{
2697     \addtolength\csname SUF@label@#1\endcsname{#2}%
2698     \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.

```
2699 \newcommand{\adjtoclabelsep}{\hskip.2em plus 1pt minus 1pt}
2700 \newcommand{\adjtocpagesep}{\hskip.5em plus 2pt minus 1pt}
```

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

```
2701 \newcommand{\toclabelspace}{%
2702   \ClassError{suftesi}
2703   {\MessageBreak
2704     \noexpand\toclabelspace is not more defined\MessageBreak
2705     Use \noexpand\toclabelwidth instead.\MessageBreak
2706     See package documentation for details}
2707   {\MessageBreak
2708     \noexpand\toclabelspace is not more defined\MessageBreak
2709     Use \noexpand\toclabelwidth instead.\MessageBreak
2710     See package documentation for details}}
```

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

```
2711 \newlength{\SUF@tochang}
2712 \setlength{\SUF@tochang}{3em}
2713 \AtBeginDocument{%
2714   \newlength\SUF@label@part
2715   \newlength\SUF@label@sec
2716   \newlength\SUF@label@subsec
2717   \newlength\SUF@label@subsubsec
2718   \newlength\SUF@label@par
2719   \newlength\SUF@label@subpar
2720   \newlength\SUF@label@fig
2721   \newlength\SUF@label@tab
2722   \setlength\SUF@label@part
2723     {\SUF@label@chap}
2724   \setlength\SUF@label@sec
2725     {\dimexpr(\SUF@label@chap+.5em)}
2726   \setlength\SUF@label@subsec
2727     {\dimexpr(\SUF@label@sec+.5em)}
```

```

2728 \setlength\SUF@label@subsubsec
2729     {\dimexpr(\SUF@label@subsec+.5em)}
2730 \setlength\SUF@label@par
2731     {\dimexpr(\SUF@label@subsubsec+.5em)}
2732 \setlength\SUF@label@subpar
2733     {\dimexpr(\SUF@label@par+.5em)}
2734 \setlength\SUF@label@fig
2735     {\SUF@label@sec}
2736 \setlength\SUF@label@tab
2737     {\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.

```

2738 %\titlecontents{part}
2739 % [0em]
2740 % {\addvspace{3ex}}
2741 % {\partname\hspace*{.5em}\makebox[\SUF@label@part][l]{%
2742 % \SUF@PART@thecontentslabel}\hspace*{1em}\SUF@tocPART@font}
2743 % {\SUF@tocPART@font}
2744 % {}
2745 % [\addvspace{1ex}]

```

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

```

2746 \ifsuftesi@pagelefttoc
2747 \contentsmargin{0pt}
2748 \AtBeginDocument{%
2749 \newlength\SUF@tochang@chap
2750 \newlength\SUF@tochang@sec
2751 \newlength\SUF@tochang@subsec
2752 \newlength\SUF@tochang@subsubsec
2753 \newlength\SUF@tochang@par
2754 \newlength\SUF@tochang@subpar
2755 \newlength\SUF@tochang@fig
2756 \newlength\SUF@tochang@tab
2757 \newlength\SUF@addto@tochang@chap
2758 \newlength\SUF@addto@tochang@sec
2759 \newlength\SUF@addto@tochang@subsec
2760 \newlength\SUF@addto@tochang@subsubsec
2761 \newlength\SUF@addto@tochang@par
2762 \newlength\SUF@addto@tochang@subpar
2763 \newlength\SUF@addto@tochang@fig
2764 \newlength\SUF@addto@tochang@tab
2765 \setlength\SUF@tochang@chap
2766     {\dimexpr(1em+\SUF@tochang+\SUF@label@chap+1em)}
2767 \setlength\SUF@tochang@sec
2768     {\dimexpr(\SUF@tochang@chap+\SUF@label@sec+1em)}

```

```

2769 \setlength\SUF@tochang@subsec
2770     {\dimexpr(\SUF@tochang@sec+\SUF@label@subsec+1em)}
2771 \setlength\SUF@tochang@subsubsec
2772     {\dimexpr(\SUF@tochang@subsec+\SUF@label@subsubsec+1em)}
2773 \setlength\SUF@tochang@par
2774     {\dimexpr(\SUF@tochang@subsubsec+\SUF@label@par+1em)}
2775 \setlength\SUF@tochang@subpar
2776     {\dimexpr(\SUF@tochang@par+\SUF@label@subpar+1em)}
2777 \setlength\SUF@tochang@fig
2778     {\SUF@tochang@chap}
2779 \setlength\SUF@tochang@tab
2780     {\SUF@tochang@chap}
2781 \setlength\SUF@addto@tochang@chap
2782     {\SUF@tochang}
2783 \setlength\SUF@addto@tochang@sec
2784     {\dimexpr(\SUF@addto@tochang@chap+\SUF@label@sec+.5em)}
2785 \setlength\SUF@addto@tochang@subsec
2786     {\dimexpr(\SUF@addto@tochang@sec+\SUF@label@subsec+.5em)}
2787 \setlength\SUF@addto@tochang@subsubsec
2788     {\dimexpr(\SUF@addto@tochang@subsec+\SUF@label@subsubsec+.5em)}
2789 \setlength\SUF@addto@tochang@par
2790     {\dimexpr(\SUF@addto@tochang@subsubsec+\SUF@label@par+.5em)}
2791 \setlength\SUF@addto@tochang@subpar
2792     {\dimexpr(\SUF@addto@tochang@par+\SUF@label@subpar+.5em)}
2793 \setlength\SUF@addto@tochang@fig
2794     {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}
2795 \setlength\SUF@addto@tochang@tab
2796     {\dimexpr(\SUF@addto@tochang@chap-\SUF@label@sec+\SUF@label@chap)}}

```

## ToC entries

```

2797 \titlecontents{chapter}
2798     [\SUF@tochang@chap]
2799     {\addvspace{2ex}}
2800     {\hskip-\SUF@tochang@chap%
2801       \makebox[1em][L]{\thecontentspage}%
2802       \hskip\SUF@addto@tochang@chap%
2803       \makebox[\SUF@label@chap][L]{%
2804         \SUF@CHAP@thecontentslabel}\hspace*{1em}%
2805         \SUF@tocCHAP@font}
2806     {\hskip-\SUF@tochang@chap%
2807       \makebox[1em][L]{\thecontentspage}%
2808       \hskip\SUF@addto@tochang@chap\SUF@tocCHAP@font}
2809     {}
2810     [\addvspace{1ex}]
2811 \ifsuftesi@toccompactsec
2812 \titlecontents*{section}[\SUF@tochang@chap]{}{%
2813   \SUF@SEC@thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2814   \thecontentspage}][. \adjtocpagesep][\suf@ctocdotsec]
2815 \else
2816 \titlecontents{section}

```

```

2817 [\SUF@tochang@sec]
2818 {}
2819 {\hskip-\SUF@tochang@sec%
2820 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2821 % \makebox[\SUF@label@sec][l]{%
2822 % \ifsuftesi@article\SUF@toclabelnum%
2823 % \else\fi\thecontentslabel}\hspace*{1em}%
2824 \makebox[\SUF@label@sec][l]{\SUF@SEC@thecontentslabel}\hspace*{1em}%
2825 \SUF@tocSEC@font}
2826 {\hskip-\SUF@tochang@sec%
2827 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@sec%
2828 \SUF@tocSEC@font}
2829 {}
2830 \fi
2831 \ifsuftesi@toccompactsubsec
2832 \titlecontents*{subsection}[\SUF@tochang@sec]{\suf@sscorrect}{%
2833 \SUF@SUBSEC@thecontentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}{\SUF@tocSUBSEC@font}{,
2834 \thecontentspage}[][.\adjtocpagesep][\suf@ctocdotssec]
2835 \else
2836 \titlecontents{subsection}
2837 [\SUF@tochang@subsec]
2838 {}
2839 {\hskip-\SUF@tochang@subsec%
2840 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
2841 \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@thecontentslabel}\hspace*{1em}%
2842 \SUF@tocSUBSEC@font}
2843 {\hskip-\SUF@tochang@subsec%
2844 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsec%
2845 \SUF@tocSUBSEC@font}
2846 {}
2847 \fi
2848 \ifsuftesi@toccompactsubsubsec
2849 \titlecontents*{subsubsection}[\SUF@tochang@subsec]{\suf@ssscorrect}{%
2850 \SUF@SUBSUBSEC@thecontentslabel\adjtoclabelsep%
2851 \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
2852 \thecontentspage}[][.\adjtocpagesep][\suf@ctocdotsssec]
2853 \else
2854 \titlecontents{subsubsection}
2855 [\SUF@tochang@subsubsec]
2856 {}
2857 {\hskip-\SUF@tochang@subsubsec%
2858 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
2859 \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@thecontentslabel}\hspace*{1em}%
2860 \SUF@tocSUBSUBSEC@font}
2861 {\hskip-\SUF@tochang@subsubsec%
2862 \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subsubsec%
2863 \SUF@tocSUBSUBSEC@font}
2864 {}
2865 \fi
2866 \titlecontents{paragraph}
2867 [\SUF@tochang@par]

```



```

2868 {}
2869 {\hskip-\SUF@tochang@par%
2870   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par%
2871   \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}}
2872 {\hskip-\SUF@tochang@par%
2873   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@par}
2874 {}
2875 \titlecontents{subparagraph}
2876   [\SUF@tochang@subpar]
2877 {}
2878 {\hskip-\SUF@tochang@subpar%
2879   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar%
2880   \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}}
2881 {\hskip-\SUF@tochang@subpar%
2882   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@subpar}
2883 {}
2884 \titlecontents{figure}
2885   [\SUF@tochang@fig]
2886 {}
2887 {\hskip-\SUF@tochang@fig%
2888   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@fig%
2889   \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
2890 {}
2891 {}
2892 \titlecontents{table}
2893   [\SUF@tochang@tab]
2894 {}
2895 {\hskip-\SUF@tochang@tab%
2896   \makebox[1em][l]{\thecontentspage}\hskip\SUF@addto@tochang@tab%
2897   \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
2898 {}
2899 {}
2900 \else

```

## Default ToC

```

2901 \AtBeginDocument{%
2902 \newlength\SUF@tocindent@chap
2903 \newlength\SUF@tocindent@sec
2904 \newlength\SUF@tocindent@subsec
2905 \newlength\SUF@tocindent@subsubsec
2906 \newlength\SUF@tocindent@par
2907 \newlength\SUF@tocindent@subpar
2908 \newlength\SUF@tocindent@fig
2909 \newlength\SUF@tocindent@tab
2910 \ifsuftesi@article
2911 \setlength\SUF@tocindent@sec
2912   {\dimexpr(\SUF@label@chap+1.5em)}
2913 \setlength\SUF@tocindent@subsec
2914   {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
2915 \setlength\SUF@tocindent@subsubsec

```

```

2916     {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
2917 \setlength\SUF@tocindent@par
2918     {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
2919 \setlength\SUF@tocindent@subpar
2920     {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
2921 \setlength\SUF@tocindent@fig
2922     {\dimexpr(\SUF@label@chap+1.5em)}
2923 \setlength\SUF@tocindent@tab
2924     {\dimexpr(\SUF@label@chap+1.5em)}
2925 \else
2926 \setlength\SUF@tocindent@chap
2927     {\dimexpr(\SUF@label@chap+1em)}
2928 \setlength\SUF@tocindent@sec
2929     {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec+1em)}
2930 \setlength\SUF@tocindent@subsec
2931     {\dimexpr(\SUF@tocindent@sec+\SUF@label@subsec+1em)}
2932 \setlength\SUF@tocindent@subsubsec
2933     {\dimexpr(\SUF@tocindent@subsec+\SUF@label@subsubsec+1em)}
2934 \setlength\SUF@tocindent@par
2935     {\dimexpr(\SUF@tocindent@subsubsec+\SUF@label@par+1em)}
2936 \setlength\SUF@tocindent@subpar
2937     {\dimexpr(\SUF@tocindent@par+\SUF@label@subpar+1em)}
2938 \setlength\SUF@tocindent@fig
2939     {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
2940 \setlength\SUF@tocindent@tab
2941     {\dimexpr(\SUF@tocindent@chap+\SUF@label@sec-\SUF@label@chap)}
2942 \fi}

```

## ToC entries

```

2943 \titlecontents{chapter}
2944   [\SUF@tocindent@chap]
2945   {\addvspace{2ex}}
2946   {\hskip-\SUF@tocindent@chap%
2947     \makebox[\SUF@label@chap][l]{\SUF@CHAP@thecontentslabel}%
2948     \hspace*{1em}}%
2949     \SUF@tocCHAP@font}
2950   {\hskip-\SUF@tocindent@chap%
2951     \SUF@tocCHAP@font}
2952   {\SUF@chaptitlerule\contentspage}
2953   [\addvspace{1ex}]
2954 \ifsuftesi@toccompactsec
2955 \titlecontents*{section}[\SUF@tocindent@chap][{}]{%
2956   \SUF@SEC@thecontentslabel\adjtoclabelsep\SUF@tocSEC@font}{\SUF@tocSEC@font}{,
2957   \thecontentspage}[. \adjtocpagesep][\suf@ctocdotsec]
2958 \else
2959 \titlecontents{section}
2960   [\SUF@tocindent@sec]
2961   {}
2962   {\hskip-\dimexpr(\SUF@label@sec+1em)%
2963   % \makebox[\SUF@label@sec][l]{%

```

```

2964% \ifsuftesi@article\SUF@toclabelnum%
2965% \else\fi\thecontentslabel}\hspace*{1em}%
2966 \makebox[\SUF@label@sec][l]{\SUF@SEC@thecontentslabel}\hspace*{1em}%
2967 \SUF@tocSEC@font}
2968 {\hskip-\dimexpr(\SUF@label@sec+1em)%
2969 \SUF@tocSEC@font}
2970 {\ifsuftesi@article\SUF@chaptitlerule%
2971 \else\SUF@titlerule\fi\contentspage}
2972 \fi
2973 \ifsuftesi@toccompactsubsec
2974 \titlecontents*{subsection}[\SUF@tocindent@sec]{\suf@sscorrect}{%
2975 \SUF@SUBSEC@thecontentslabel\adjtoclabelsep\SUF@tocSUBSEC@font}{\SUF@tocSUBSEC@font}{,
2976 \thecontentspage}][\.\adjtocpagesep][\suf@ctocdotsssec]
2977 \else
2978 \titlecontents{subsection}
2979 [\SUF@tocindent@subsec]
2980 {}
2981 {\hskip-\dimexpr(\SUF@label@subsec+1em)%
2982 \makebox[\SUF@label@subsec][l]{\SUF@SUBSEC@thecontentslabel}\hspace*{1em}%
2983 \SUF@tocSUBSEC@font}
2984 {\hskip-\dimexpr(\SUF@label@subsec+1em)%
2985 \SUF@tocSUBSEC@font}
2986 {\SUF@titlerule\contentspage}
2987 \fi
2988 \ifsuftesi@toccompactsubsubsec
2989 \titlecontents*{subsubsection}[\SUF@tocindent@subsec]{\suf@ssscorrect}{%
2990 \SUF@SUBSUBSEC@thecontentslabel\adjtoclabelsep%
2991 \SUF@tocSUBSUBSEC@font}{\SUF@tocSUBSUBSEC@font}{,
2992 \thecontentspage}][\.\adjtocpagesep][\suf@ctocdotsssec]
2993 \else
2994 \titlecontents{subsubsection}
2995 [\SUF@tocindent@subsubsec]
2996 {}
2997 {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
2998 \makebox[\SUF@label@subsubsec][l]{\SUF@SUBSUBSEC@thecontentslabel}\hspace*{1em}%
2999 \SUF@tocSUBSUBSEC@font}
3000 {\hskip-\dimexpr(\SUF@label@subsubsec+1em)%
3001 \SUF@tocSUBSUBSEC@font}
3002 {\SUF@titlerule\contentspage}
3003 \fi
3004 \titlecontents{paragraph}
3005 [\SUF@tocindent@par]
3006 {}
3007 {\hskip-\dimexpr(\SUF@label@par+1em)%
3008 \makebox[\SUF@label@par][l]{\thecontentslabel}\hspace*{1em}}
3009 {\hskip-\dimexpr(\SUF@label@par+1em)}
3010 {\SUF@titlerule\contentspage}
3011 \titlecontents{subparagraph}
3012 [\SUF@tocindent@subpar]
3013 {}
3014 {\hskip-\dimexpr(\SUF@label@subpar+1em)%

```

```

3015 \makebox[\SUF@label@subpar][l]{\thecontentslabel}\hspace*{1em}}
3016 {\hskip-\dimexpr(\SUF@label@subpar+1em)}
3017 {\SUF@titlerule\contentspage}
3018 \titlecontents{figure}
3019 [\SUF@tocindent@fig]
3020 {}
3021 {\hskip-\SUF@tocindent@fig%
3022 \makebox[\SUF@label@fig][l]{\thecontentslabel}\hspace*{1em}}
3023 {}
3024 {\SUF@titlerule\contentspage}
3025 \titlecontents{table}
3026 [\SUF@tocindent@tab]
3027 {}
3028 {\hskip-\SUF@tocindent@tab%
3029 \makebox[\SUF@label@tab][l]{\thecontentslabel}\hspace*{1em}}
3030 {}
3031 {\SUF@titlerule\contentspage}
3032 \fi

```

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

```

3033 \ifsuftesi@article
3034 \renewcommand\tableofcontents{%
3035 \vspace{2ex}%
3036 \section*{\contentsname}%
3037 \mkboth{\contentsname}{\contentsname}%
3038 \thispagestyle{empty}
3039 \ifsuftesi@twocolumntoc
3040 \begin{multicols}{2}
3041 \starttoc{toc}%
3042 \end{multicols}
3043 \else
3044 \starttoc{toc}%
3045 \fi
3046 \vspace{2ex}%
3047 }
3048 \renewcommand\listoffigures{%
3049 \vspace{2ex}%
3050 \section*{\listfigurename}%
3051 \mkboth{\listfigurename}{\listfigurename}%
3052 \thispagestyle{empty}
3053 \ifsuftesi@twocolumnlof
3054 \begin{multicols}{2}
3055 \starttoc{lof}%
3056 \end{multicols}
3057 \else
3058 \starttoc{lof}%
3059 \fi
3060 \vspace{2ex}%
3061 }
3062 \renewcommand\listoftables{%

```

```

3063 \vspace{2ex}%
3064 \section*{\listtablename}%
3065 \mkboth{\listtablename}{\listtablename}%
3066 \thispagestyle{empty}
3067 \ifsufteresi@twocolumnlot
3068 \begin{multicols}{2}
3069 \starttoc{lot}%
3070 \end{multicols}
3071 \else
3072 \starttoc{lot}%
3073 \fi
3074 \vspace{2ex}%
3075 }
3076 \else

```

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

```

3077 \renewcommand\tableofcontents{%
3078 \if@twocolumn
3079 \restonecoltrue\onecolumn
3080 \else
3081 \restonecolfalse
3082 \fi
3083 \chapter*{\contentsname}%
3084 \mkboth{%
3085 \contentsname}
3086 {\contentsname}%
3087 \thispagestyle{empty}
3088 \ifsufteresi@twocolumntoc
3089 \begin{multicols}{2}
3090 \starttoc{toc}%
3091 \end{multicols}
3092 \else
3093 \starttoc{toc}%
3094 \fi
3095 \if@restonecol\twocolumn\fi
3096 }
3097 \renewcommand\listoffigures{%
3098 \if@twocolumn
3099 \restonecoltrue\onecolumn
3100 \else
3101 \restonecolfalse
3102 \fi
3103 \chapter*{\listfigurename}%
3104 \mkboth{\listfigurename}%
3105 {\listfigurename}%
3106 \thispagestyle{empty}
3107 \ifsufteresi@twocolumnlof
3108 \begin{multicols}{2}
3109 \starttoc{lof}%
3110 \end{multicols}

```

```

3111         \else
3112             \@starttoc{lof}%
3113         \fi
3114     \if@restonecol\twocolumn\fi
3115 }
3116 \renewcommand\listoftables{%
3117     \if@twocolumn
3118         \@restonecoltrue\onecolumn
3119     \else
3120         \@restonecolfalse
3121     \fi
3122     \chapter*{\listtablename}%
3123     \@mkboth{%
3124         \listtablename}%
3125     {\listtablename}%
3126     \thispagestyle{empty}
3127     \ifsuf@twocolumn@
3128         \begin{multicols}{2}
3129             \@starttoc{lot}%
3130         \end{multicols}
3131     \else
3132         \@starttoc{lot}%
3133     \fi
3134     \if@restonecol\twocolumn\fi
3135 }
3136 \fi

```

## 7.14 Customizing sections font

```

3137 \newcommand{\tocpartname}[1]{\def\SUF@tocpartname{#1}}
3138 \tocpartname{\partname}
3139 \newcommand{\partfont}[1]{\def\SUF@PART@StyleSwitch{#1}}
3140 \newcommand{\chapfont}[1]{\def\SUF@CHAP@StyleSwitch{#1}}
3141 \newcommand{\secfont}[1]{\def\SUF@SEC@StyleSwitch{#1}}
3142 \newcommand{\subsecfont}[1]{\def\SUF@SUBSEC@StyleSwitch{#1}}
3143 \newcommand{\subsubsecfont}[1]{\def\SUF@SUBSUBSEC@StyleSwitch{#1}}
3144 \newcommand{\partnumfont}[1]{\def\SUF@PART@font{#1}}
3145 \partnumfont{}
3146 \newcommand{\chapnumfont}[1]{\def\SUF@thechapter{#1}}
3147 \newcommand{\secnumfont}[1]{\def\SUF@thesection{#1}}
3148 \newcommand{\subsecnumfont}[1]{\def\SUF@thesubsection{#1}}
3149 \newcommand{\subsubsecnumfont}[1]{\def\SUF@thesubsubsection{#1}}
3150 \newcommand{\titlefont}[1]{\def\SUF@titlefont@Switch{#1}}
3151 \newcommand{\authorfont}[1]{\def\SUF@authorfont@Switch{#1}}
3152 \newcommand{\tocpartfont}[1]{\def\SUF@tocPART@font{#1}}
3153 \newcommand{\tocchapfont}[1]{\def\SUF@tocCHAP@font{#1}}
3154 \newcommand{\tocsecfont}[1]{\def\SUF@tocSEC@font{#1}}
3155 \newcommand{\tocsubsecfont}[1]{\def\SUF@tocSUBSEC@font{#1}}
3156 \newcommand{\tocsubsubsecfont}[1]{\def\SUF@tocSUBSUBSEC@font{#1}}
3157 \newcommand{\tocpartnumfont}[1]{\def\SUF@tocPARTnum@font{#1}}
3158 \tocpartnumfont{}

```

```

3159 \newcommand{\tocchapnumfont}[1]{%
3160   \def\SUF@CHAP@thecontentslabel{#1\thecontentslabel}}
3161 \newcommand{\tocsecnumfont}[1]{%
3162   \def\SUF@SEC@thecontentslabel{#1\thecontentslabel}}
3163 \newcommand{\tocsubsecnumfont}[1]{%
3164   \def\SUF@SUBSEC@thecontentslabel{#1\thecontentslabel}}
3165 \newcommand{\tocsubsubsecnumfont}[1]{%
3166   \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.

```

3167 \ifsuftesi@article
3168 \def\chapterintro{%
3169 \ClassError{suftesi}
3170   {Command \noexpand\chapterintro is undefined\MessageBreak
3171     using 'structure=article'}
3172   {Command \noexpand\chapterintro is undefined\MessageBreak
3173     using 'structure=article'}}
3174 \else
3175 \def\chapterintro{\@ifstar{%
3176   \@tempswafalse\@chapterintro}{\@tempwattrue\@chapterintro}}
3177 \def\@chapterintro{\phantomsection
3178   \if@tempswa\section*{\SUF@fchapterintroname}\fi
3179   \addcontentsline{toc}{section}{\SUF@fchapterintroname}}
3180 \newcommand{\chapterintroname}[1]{\def\SUF@fchapterintroname{#1}}
3181 \chapterintroname{Introduzione}
3182 \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.

```

3183 \newif\ifbreakintoc\breakintocfalse
3184 \newif\ifbreakinbody\breakinbodytrue
3185 \DeclareRobustCommand{\breakintoc}
3186   {\ifbreakintoc\\else\fi}
3187 \DeclareRobustCommand{\breakinbody}
3188   {\ifbreakinbody\\else\fi}
3189 \DeclareRobustCommand{\breakinbodyleft}
3190   {\ifbreakinbody\newline\else\fi}
3191 \let\origtableofcontents\tableofcontents
3192 \renewcommand{\tableofcontents}{%
3193   \begingroup

```

```

3194 \breakintoctrue\breakinbodyfalse%
3195 \origtableofcontents
3196 \endgroup}
3197 \DeclareRobustCommand{\headbreak}
3198 {\ifbreakintoc\\\else\fi}
3199 \DeclareRobustCommand{\xheadbreak}
3200 {\ifbreakinbody\\\else\fi}
3201 \DeclareRobustCommand{\yheadbreak}
3202 {\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 “Sgle” (that means “shorthands”). They are not documented and are made available only for backward compatibility.

```

3203 \newenvironment{bibliografia}{%
3204 \ifsuftesi@article
3205 \section*{\refname}
3206 \addcontentsline{toc}{section}{\refname}
3207 \else
3208 \chapter{\bibname}%
3209 \fi
3210 \normalfont \list{}{%
3211 \setlength{\itemindent}{-\parindent}
3212 \setlength{\leftmargin}{\parindent}
3213 \setlength{\labelwidth}{0pt}
3214 \setlength{\parsep}{\parskip}
3215 \let\makelabel}}
3216 {\endlist}
3217 \newcommand{\losname}{Sgle}
3218 \newcommand{\itlabel}[1]{\itshape\hbox to 6em{#1}}
3219 \newenvironment{sigle}{%
3220 \chapter{\losname}
3221 \normalfont \list{}{%
3222 \setlength{\labelsep}{0.5em}
3223 \setlength{\itemindent}{0pt}
3224 \setlength{\leftmargin}{6em}
3225 \setlength{\labelwidth}{\leftmargin}
3226 \setlength{\listparindent}{\parindent}
3227 \setlength{\parsep}{\parskip}
3228 \let\makelabel\itlabel}}
3229 {\endlist}

```

## 7.17 Final settings

```

3230 \ifsuftesi@article
3231 \renewcommand\frontmatter{\ClassError{suftesi}

```



```

3232 {Command \noexpand\frontmatter is undefined\MessageBreak
3233   using 'structure=article'}
3234 {Command \noexpand\frontmatter is undefined\MessageBreak
3235   using 'structure=article'}}
3236 \renewcommand\mainmatter{\ClassError{suftesi}
3237 {Command \noexpand\mainmatter is undefined\MessageBreak
3238   using 'structure=article'}
3239 {Command \noexpand\mainmatter is undefined\MessageBreak
3240   using 'structure=article'}}
3241 \renewcommand\backmatter{\ClassError{suftesi}
3242 {Command \noexpand\backmatter is undefined\MessageBreak
3243   using 'structure=article'}
3244 {Command \noexpand\backmatter is undefined\MessageBreak
3245   using 'structure=article'}}
3246 \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.

```

3247 \renewcommand\frontmatter{\cleardoublepage\@mainmatterfalse}
3248 \renewcommand\mainmatter{\cleardoublepage\@mainmattertrue}
3249 \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`.

```

3250 \@ifpackageloaded{babel}
3251 {\AtBeginDocument{\RequirePackage{fixltxhyph}}}{\}
3252 \@ifpackageloaded{polyglossia}
3253 {\AtBeginDocument{\RequirePackage{fixltxhyph}}}{\}
3254 \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:

```

3255 \unless\ifPDFTeX% if xetex or luatex
3256   \let\@afterindenttrue\@afterindentfalse
3257   \else
3258   \relax
3259 \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.

```

3260 \frenchspacing

```

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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<sup>L</sup>A<sup>T</sup>E<sub>X</sub>. varioref and footmisc packages are no longer loaded . . . . . 1

### v0.6c

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

### v0.7

General: Maintenance release, no changes. Provided a thesis template . . . . . 1

### v0.8

General: Added macro for using frontespizio package with compact and supercompact options. . . . . 1  
New option periodical . . . . . 26  
Renewed \title command . . . . . 22

### v0.9

General: Improved compatibility with mathspec . . . . . 1  
New option dottedtoc, raggedtoc 26

### v0.9a

General: Added inline option to enumitem package. Deleted centertitle option. Deleted sctitles option. Changed code for toc, lot and lof elements. . . . . 1  
New command \toclabelspace . 22  
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

### v0.9b

General: Changed standardfootnote option and renamed to footnotestyle . . . . . 16  
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General: First stable release. Renamed option <code>bozza</code> to <code>draftdate</code> . . . .	17		
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General: Added the <code>fixltxhyph</code> package. Documentation updated. .	1		
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General: Maintenance release. Added the <code>\toclabelspace</code> command. . .	1		
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General: New command <code>\FSPLcolophon</code> . . . . .	25		
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General: The <code>microtype</code> package is loaded for all engines. Improved compatibility with <code>todonotes</code> package and with <code>mdframed</code> and <code>bookmark</code> packages when using style class option. New option <code>viewmode</code> . . . . .	1		
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General: New option <code>viewmode</code> . Corrected bugs in the definition of <code>\listoffigures</code> , <code>\listoftables</code> and <code>\tableofcontents</code> commands. Updated documentation. . . . .	1		
v1.7			
General: Renamed <code>viewmode</code> option to <code>version</code> ; renamed <code>print</code> value to <code>draft</code> and added <code>final</code> value. New <code>smallcapsstyle</code> option. . . . .	1		
		v1.8	
		General: Maintenance release. Corrected a bug in the definition of <code>\appendix</code> . . . . .	1
		v1.9	
		General: Added <code>italic</code> , <code>smallcaps</code> and <code>sanserif</code> values for <code>captionstyle</code> option. New <code>twocolcontents</code> option. New <code>supercompactaureo</code> page layout. Changed <code>\toclabelspace</code> command and renamed to <code>\toclabelwidth</code> . New collection document structure .	1
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		General: Maintenance release. Updated greek support. Updated documentation. . . . .	1
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		General: Corrected a bug in “ <code>toc</code> ”, “ <code>lof</code> ” and “ <code>lot</code> ” commands. . . . .	1
		v1.9c	
		General: The <code>cbgreek</code> value for the <code>greekfont</code> option allows now to use the full set of the CB Greek font together with the default font (Palatino). . . . .	1
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		General: Maintenance release. . . . .	1
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		General: Maintenance release. . . . .	1
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		General: Changed the default font to Cochineal with Linux Biolinum sans serif and Inconsolata monospaced.	

The Palatino is now loaded with newpxtext and newpxmath. Bera Mono and Iwona have been substituted by Linux Biolinum and Inconsolata. New values for font options: cochineal, libertine, bodoni (greek only). Value compatibility for defaultfont option to get the fonts of suftesi v2.3 or previous. Updated documentation. . . . .	1
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General: Corrected a bug when loading CB Greek fonts. Renamed option documentstructure to structure. Updated documentation. . . . .	1
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General: New mathfont option for non-standard fonts. New command \makecover for printing the cover page. Updated documentation. . . .	1
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General: New value cscreen for version option. Updated documentation. Removed value elements for options:pagelayout, headerstyle, captionstyle, chapstyle, style; sufelements for option: style. The \chapnumfont command is no longer available. . . . .	1
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