

Typesetting Articles For Online Journal *Philosophers' Imprint**

Boris Veytsman[†]

2020/11/10, v1.5

Abstract

This package provides a class for typesetting articles for the online journal *Philosophers' Imprint*, <http://www.philosophersimprint.org> using freely available fonts.

Contents

1	Introduction	3
2	User Interface	3
2.1	Invocation and Options	3
2.2	Topmatter	4
2.3	Required and Recommended Software	5
2.4	Configuration File	6
2.5	Some Fine Points	6
2.6	Acknowledgements	7
3	Implementation	8
3.1	Options	8
3.2	Loading Classes and Packages	9
3.3	Setting Up Dimensions	10
3.3.1	Basic Length	10
3.3.2	Fonts	10
3.3.3	Paragraphing	10
3.3.4	Page Dimensions and Type Area	11
3.3.5	Margins	11
3.3.6	Floats	12
3.3.7	Lists	12
3.3.8	Odds and Ends	13

*©2007–2020, Boris Veytsman

[†]borisv@lk.net, boris@varphi.com

3.4	Top Matter Markup	13
3.5	Headers & Footers	15
3.6	Making Title Page	15
3.7	Sectioning	16
3.8	Footnotes	18
3.9	The Last Words	18

1 Introduction

As said in its mission statement at <http://www.philosophersimprint.org>, “*Philosophers’ Imprint* is a refereed series of original papers in philosophy, edited by philosophy faculty at the University of Michigan, with the advice of an international Board of Editors, and published on the World Wide Web by the University of Michigan Digital Library. The mission of the Imprint is to promote a future in which funds currently spent on journal subscriptions are redirected to the dissemination of scholarship for free, via the Internet.” The journal used to accept manuscripts in Rich Text Format only. However, for many authors, especially from the field of logic, T_EX seems to be a better choice. I was commissioned to write a L^AT_EX class for this journal.

The aim of the class is to help authors to typeset their own articles in the “Web-ready” format. We do not assume the authors have any commercial fonts installed on their machines. The class uses only freely available and freely distributed fonts. This presents some difficulties since the journal is usually typeset in Adobe Palatino. We use the Palladio and Pazo fonts and (for the title) Trajan font.

2 User Interface

2.1 Invocation and Options

To use the class put in the preamble of your document

```
\documentclass[options]{philosophersimprint}
```

The class is intended to be used with pdf_lat_ex. If you compile DVI output instead (for example, to use with P_STricks), the class generates a warning.

The class `philosophersimprint` internally loads `article`, and therefore all class options for `article` are technically valid. However, most of them are not especially meaningful for `philosophersimprint`. There are several options specific for this class. They are described below

<i>options</i> titleimage notitleimage	The editorial board of <i>Philosophers’ Imprint</i> prefers to typeset the titlepage itself and provide it as a PDF document to the authors. If you have such titlepage, use the <code>titleimage</code> option (default). Otherwise use the <code>notitleimage</code> option, and the class will make a (half-hearted) attempt to create a simulated title page for you. If <code>titleimage</code> option is chosen, but L ^A T _E X cannot find the titlepage image, the class generates a warning and switches to the <code>notitleimage</code> behavior.
--	---

Note that even if you do have a titlepage image, you still need to invoke top matter macros `\title`, `\authors` etc. to supply information for running heads and PDF metadata (see Section 2.2).

<i>options</i> trajantitle notrajantitle	If the option <code>trajantitle</code> is chosen (default), a beautiful Trajan font [1] will be used to typeset the title of the paper. Of course, this option has an effect only if <code>notitleimage</code> option is selected. Note that this font has no Arabic numbers, so if your title needs numbers, use Roman numerals instead. If you do not have <code>trajan.sty</code> on your system, the class will revert to Palatino in the title.
--	--

options By default the class uses `mathpazo` package with the options `sc` and `osf`. These options provide improved fonts with true small caps and old style figures (see [2]).

`nosc` If you have the recent PSNFSS fonts that include free FPL collection [3], you should not change this behavior. Otherwise you probably would be better off by upgrading. Only if you definitely cannot use these fonts, select the `nosc` and `noosf` options.

options The options `slantedGreek` and `noBBp1`, if present, are passed to `mathpazo` package. See [2] for the discussion of these options.

`slantedGreek` The options `flushend` and `noflushend` (default) determine the look of the last page of the article. If the option `flushend` is chosen, the last page has balanced columns, while the opposite option makes them unbalanced. Usually you should not balance the columns if you have footnotes on the last page.

options

`noBBp1`

options

`flushend`

`noflushend`

2.2 Topmatter

Topmatter is the part of the article with the informations about the authors, their affiliations, the publication data, etc.

The standard L^AT_EX topmatter macros are insufficient for most journals, and many journal styles like `amsart` or `elsart` use their own more or less sophisticated conventions. Since the editorial board of *Philosophers' Imprint* prefers to provide its own title pages, we chose to implement a rather simple set of topmatter macros, sufficient to generate a sample title page, while expecting the official one.

Note that even if you do have the “official” title page, you still need to use these macros because they are used for running heads and for PDF metadata.

`\titleimage` The macro `\titleimage` has one argument: the name of the file with the official title page image:

```
\titleimage{\FileName}
```

for example, `\titleimage{1stpage.pdf}`. If the file is absent, the class issues a warning and tries to typeset a simulated page.

`\title` The `\title` command has two arguments: one mandatory argument and one optional:

```
\title[{\ShortTitle}]{\FullTitle}
```

The mandatory argument is the full title of the article. The optional argument, if present, sets the shorter version of the title for running heads. If the optional argument is absent, the full title is used instead.

`\author` The `\author` command also has two arguments with the similar meaning:

```
\author[{\ShortListOfAuthors}]{\FullListOfAuthors}
```

The optional argument is used for the running heads. If it is absent, the full list of authors is used there.

Separate multiple authors with commas. Do *not* use L^AT_EX command `\and`.

`\affiliation` The `\affiliation` command sets the affiliation of the authors:

```
\affiliation{\Affiliation}
```

Use `\` to separate different affiliations.

`\date` The command `\date` is similar to the standard L^AT_EX command. However, remember that the date format is different: “Month, year”, e.g.

```
\date{April, 2007}
```

It should be also noted that the date here is the date of publication.

`\journalvolume` The macros `\journalvolume` and `\journalnumber` set the volume and number
`\journalnumber` of the journal where the article is published:

```
\journalvolume{7}
```

```
\journalnumber{4}
```

You will receive these data from the editorial office once your article is accepted.

`\copyrightinfo` The macro `\copyrightinfo` is used to store the copyright date and copyright holder of the article, like

```
\copyrightinfo{1724, Immanuel Kant}
```

Note that the package does *not* try to deduce the copyright information from the date and author list. You need to set it explicitly.

`\copyrightlicense` By default all papers in the journal are licensed under under a Creative Commons Attribution-NonCommercial-NoDerivatives 3.0 License. You can override this setting by using `\copyrightlicense{(Other license)}`.

`\subject` This macro, if present, sets the “Subject” field in the PDF metadata. For example:

```
\subject{Ethics}
```

`\keywords` The macro `\keywords` is similar to `\subject`, but accepts a comma separated list of keywords. If present, they will be used in the “Keywords” field of the PDF document.

2.3 Required and Recommended Software

To typeset articles for *Philosophers’ Imprint*, you need the proper fonts. PSNFSS version 9.2 or later [2] with URW and FPL fonts are recommended. It is easy to check whether you have these fonts: if you do not, then besides warnings in the log file, you will see headers and footers in lower case instead of correct small caps. Also, the numbers will be typeset with lining figures instead of old style numbers.

The class also uses packages `color` and `graphicx` from the graphics bundle [4] to typeset the title page.

Package `ifpdf` [5] is used to check whether PDF output is selected.

Package `fancyhdr` [6] is used to set up running headers and footers.

You need the packages above for the document written in `philosophersimprint` class to compile. The packages below are not strictly necessary, but highly recommended.

Package `hyperref` [7] is used to set up PDF metadata and make the links “clickable”. We did not include it in the list of required packages, because it prefers to

be loaded last, and we wanted to give the user a chance to load her own packages. We recommend the following options:

```
\usepackage[breaklinks,colorlinks,linkcolor=black,citecolor=black,
            pagecolor=black,urlcolor=black]{hyperref}
```

See `sample.tex` for the example of the usage of this package.

The authors of *Philosophers' Imprint* use both bibliography at the end of the article and bibliographic references in footnotes. The packages `natbib` [8] and `opcit` [9] are recommended for formatting the bibliography with `BIBTEX`. However, these packages are *not* loaded by the class; it is the responsibility of the author to load and use them.

2.4 Configuration File

If the file `philosophersimprint.cfg` exists, it will be read by the class. It is a good place to put, for example, the default options.

2.5 Some Fine Points

The journal prefers the baselines of both columns to be aligned. This is a famous problem of “typesetting to a grid”. Generally speaking, this is not trivial in a `TEX` world (see a discussion of this problem in [10]). Normally, `TEX` stretches distances between the baselines to achieve homogeneous grayness of the page. It takes some effort to switch this behavior off.

This class deletes most of `TEX` vertical stretchability. If there is much mathematics in the copy it might lead to some really ugly results. However, when the texts are not too heavy on math, the class can do a decent job. Below we list some cases where it cannot, and some manual intervention is warranted (see [10] for a description of an automatic solution. Unfortunately, at the moment of writing this version, this solution was not available as a free software).

1. We add 3/4 baseline leading before section title and 1/4 baseline leading after. This means that if a section starts a column, the baselines will be different by 1/4. An insertion of `\vspace*{-0.25\baselineskip}` sometimes leads to acceptable results.
2. We add 1/2 baseline leading before and after structures like quotations, theorems, corollaries etc. If such structure is split between columns, this breaks alignment. Again, a manual intervention might help.
3. We do not try to control the vertical space of structures, added, for example, by `\includegraphics` commands.
4. Sometimes a displayed equation can lead to breaking alignment.

In most cases the amount of manual intervention necessary to achieve alignment is fairly small.

In some cases one can achieve better results by tweaking T_EX parameters. For example, the settings

```
\clubpenalty=1000\widowpenalty=1000\displaywidowpenalty=1000
\interfootnotelinepenalty=-1000
\interlinepenalty=-100
```

may lead to fuller pages, but may produce some unwanted orphans and clubs. Setting them to

```
\clubpenalty=10000\widowpenalty=10000\displaywidowpenalty=10000
\interfootnotelinepenalty=0
\interlinepenalty=0
```

will decrease the number of orphans and clubs, but may lead to unwanted white spaces on the pages. Sometimes judicious changes of the parameters in strategic places may help.

2.6 Acknowledgements

The author is grateful to John Horty, David Velleman and Victor Caston for their patience in describing the journal style.

3 Implementation

1 `\class`

3.1 Options

```
\ifPHIM@titleimage Check whether we need the title image
2 \newif\ifPHIM@titleimage\PHIM@titleimagetrue
3 \DeclareOption{titleimage}{\PHIM@titleimagetrue}
4 \DeclareOption{notitleimage}{\PHIM@titleimagefalse}

\ifPHIM@trajantitle Check whether we need Trajan font for title
5 \newif\ifPHIM@trajantitle\PHIM@trajantitletrue
6 \DeclareOption{trajantitle}{\PHIM@trajantitletrue}
7 \DeclareOption{notrajantitle}{\PHIM@trajantitlefalse}

\ifPHIM@sc Do we need sc option for mathpazo?
8 \newif\ifPHIM@sc\PHIM@sctrue
9 \DeclareOption{nossc}{\PHIM@scfalse}

\ifPHIM@osf Same with osf option:
10 \newif\ifPHIM@osf\PHIM@osftrue
11 \DeclareOption{noosf}{\PHIM@osffalse}

Options specific for mathpazo:
12 \DeclareOption{slantedGreek}{%
13 \PassOptionsToPackage{\CurrentOption}{mathpazo}}
14 \DeclareOption{noBBp1}{%
15 \PassOptionsToPackage{\CurrentOption}{mathpazo}}

\ifPHIM@flushend Whether to flush the last column
16 \newif\ifPHIM@flushend\PHIM@flushendfalse
17 \DeclareOption{flushend}{\PHIM@flushendtrue}
18 \DeclareOption{noflushend}{\PHIM@flushendfalse}

Everything else is probably an option for article
19 \DeclareOption*{\PassOptionsToClass{\CurrentOption}{article}}

Reading configuration file:
20 \InputIfFileExists{philosophersimprint.cfg}{%
21 \ClassInfo{philosophersimprint}{%
22 Loading configuration file philosophersimprint.cfg}}{%
23 \ClassInfo{philosophersimprint}{%
24 Configuration file philosophersimprint.cfg is not found}}

Processing options
25 \ProcessOptions\relax
```


3.2 Loading Classes and Packages

We are based on article:

```
26 \LoadClass[landscape,letterpaper,twocolumn]{article}
```

A bunch of packages:

```
27 \RequirePackage{ifpdf, color, graphicx, fancyhdr}
```

Font related packages.

```
28 \ifPHIM@sc\PassOptionsToPackage{sc}{mathpazo}\fi
```

```
29 \ifPHIM@osf\PassOptionsToPackage{osf}{mathpazo}\fi
```

```
30 \RequirePackage{mathpazo}
```

Palatino fonts do not have typewriter and sans serif fonts. Computer Modern seems to clash with Palatino, so we use Courier and Helvetica when necessary:

```
31 \RequirePackage{courier}
```

```
32 \RequirePackage[scaled]{helvet}
```

It is recommended in [2] to use these packages with PSNFSS:

```
33 \RequirePackage[T1]{fontenc}
```

```
34 \RequirePackage{textcomp}
```

Loading microtype:

```
35 \IfFileExists{microtype.sty}{\RequirePackage{microtype}}{%
```

```
36 \ClassWarningNoLine{philosopherimprint}{%
```

```
37 *****\MessageBreak
```

```
38 * Microtype package not found. * \MessageBreak
```

```
39 * This package improves the * \MessageBreak
```

```
40 * typesetting quality. You may * \MessageBreak
```

```
41 * wish to upgrade your system. * \MessageBreak
```

```
42 *****}]}
```

Loading trajan

```
43 \ifPHIM@trajantitle
```

```
44 \IfFileExists{trajan.sty}{\RequirePackage{trajan}}{%
```

```
45 \ClassWarningNoLine{philosophersimprint}{%
```

```
46 *****\MessageBreak
```

```
47 * Trajan Fonts not found. Will \MessageBreak
```

```
48 * revert to Palatino in title.\MessageBreak
```

```
49 *****}]}
```

```
50 \PHIM@trajantitlefalse}
```

```
51 \fi
```

Loading flushend

```
52 \ifPHIM@flushend
```

```
53 \IfFileExists{flushend.sty}{\RequirePackage{flushend}}{%
```

```
54 \ClassWarningNoLine{philosophersimprint}{%
```

```
55 *****\MessageBreak
```

```
56 * Flushend package not found. \MessageBreak
```

```
57 * Please install sttools bundle.\MessageBreak
```

```
58 *****}]}
```

```
59 \PHIM@flushendfalse}
```

```
60 \fi
```

```

\ifPHIM@hyperref We check whether the user loaded hyperref. This is delayed until all packages are
loaded.
61 \newif\ifPHIM@hyperref
62 \AtBeginDocument{%
63   \@ifpackageloaded{hyperref}{%
64     \PHIM@hyperreftrue}{%
65     \ClassWarningNoLine{philosophersimprint}{%
66       *****\MessageBreak
67       * You did not load hyperref.\MessageBreak
68       * PDF-specific features will\MessageBreak
69       * not work.\MessageBreak
70       *****}%
71   \PHIM@hyperreffalse}}

```

3.3 Setting Up Dimensions

3.3.1 Basic Length

```

\PHIM@baselength The design of Philosopher's Imprint is based on a uniform length scale
72 \newlength{\PHIM@baselength}
73 \setlength{\PHIM@baselength}{13.5pt}

```

3.3.2 Fonts

```

\normalsize This is basically from [11], but based on the journal requirements.
  \small 74 \renewcommand\normalsize{\@setfontsize\normalsize{9.5pt}\PHIM@baselength}
\footnotesize 75 \renewcommand\small{\@setfontsize\small{9pt}{13.5pt}}
  \scriptsize 76 \renewcommand\footnotesize{%
    \tiny 77 \setfontsize\footnotesize{8.5pt}{9.5pt}}
  \large 78 \renewcommand\scriptsize{\@setfontsize\scriptsize{8pt}{9pt}}
  \Large 79 \renewcommand\tiny{\@setfontsize\tiny{7.5pt}{8.5pt}}
  \huge 80 \renewcommand\large{\@setfontsize\large{11pt}{16pt}}
  \Huge 81 \renewcommand\Large{\@setfontsize\Large{13pt}{19pt}}
  \HUGE 82 \renewcommand\LARGE{\@setfontsize\LARGE{16pt}{23pt}}
  \HUGE 83 \renewcommand\huge{\@setfontsize\huge{19pt}{28pt}}
  \HUGE 84 \renewcommand\Huge{\@setfontsize\Huge{23pt}{33pt}}
  \HUGE 85 \newcommand\HUGE{\@setfontsize\Huge{30pt}{45pt}}

```

3.3.3 Paragraphing

```

\baselinestretch Again we use [11] a lot.
  \parindent 86 \renewcommand\baselinestretch{}
  \parskip 87 \setlength\parindent{\PHIM@baselength}
  \parskip 88 \setlength\parskip{0pt}

\smallskipamount These are for additional leading. We define them to be multiples of the baseline
\medskipamount 89 \setlength\smallskipamount{0.25\PHIM@baselength}
\bigskipamount 90 \setlength\medskipamount{0.5\PHIM@baselength}
  \bigskipamount 91 \setlength\bigskipamount{\PHIM@baselength}

```

3.3.4 Page Dimensions and Type Area

This was inspired by memoir [12].

```
92 \ifpdf\relax
93   \pdfpageheight=\paperheight
94   \pdfpagewidth=\paperwidth
95   \ifdim\pdfvorigin=0pt\pdfvorigin=0pt\fi
96   \ifdim\pdfhorigin=0pt\pdfhorigin=0pt\fi
97 \else
98   \ClassWarningNoLine{philosophersimprint}{%
99     *****\MessageBreak
100    * The class is intended for \MessageBreak
101    * pdflatex. You seem to use\MessageBreak
102    * it with latex instead.\MessageBreak
103    *****}
104 \fi
```

This code is from [11], with the removing of vertical stretch based on [10]

```
105 \lineskiplimit = -3pt\relax
106 \lineskip = \PHIM@baselength\relax
107 \setlength\headsep   {\PHIM@baselength}
108 \setlength\footskip   {3\PHIM@baselength}
109 \setlength\topskip\PHIM@baselength
110 \setlength\textheight{459pt}
111 \setlength\topmargin{61pt}
112 \addtolength\topmargin{-1in}
113 \addtolength\topmargin{-\topskip}
114 \addtolength\topmargin{-\headsep}
115 \@settopoint\topmargin
116 \abovedisplayskip \PHIM@baselength\relax
117 \abovedisplayshortskip \PHIM@baselength\relax
118 \belowdisplayshortskip \PHIM@baselength\relax
119 \belowdisplayskip \abovedisplayskip\relax
```

`\PHIM@colwidth` We need to calculate the column width to center the headers:

```
120 \newlength{\PHIM@colwidth}
121 \setlength{\PHIM@colwidth}{297pt}
122 \setlength\columnsep{54pt}
123 \setlength\textwidth{\PHIM@colwidth}
124 \multiply\textwidth by 2\relax
125 \addtolength{\textwidth}{\columnsep}
```

3.3.5 Margins

`\marginparwidth` The vertical and horizontal distances for margin paragraphs:

```
\marginparsep 126 \setlength{\marginparwidth}{3\PHIM@baselength}
\marginparpush 127 \setlength{\marginparsep}{0.5\PHIM@baselength}
128 \setlength{\marginparpush}{0.5\PHIM@baselength}
```

`\evensidemargin` The side margins are 6 pica each.
`\oddsidemargin` 129 `\setlength{\evensidemargin}{6pc}`
130 `\addtolength{\evensidemargin}{-1in}`
131 `\setlength{\oddsidemargin}{\evensidemargin}`

3.3.6 Floats

`\floatsep` Some parameters for floats. . .
`\textfloatsep` 132 `\setlength\floatsep\PHIM@baselength`
`\intextsep` 133 `\setlength\textfloatsep\PHIM@baselength`
`\textfloatsep` 134 `\setlength\intextsep\PHIM@baselength`
`\dblfloatsep` 135 `\setlength\dblfloatsep\PHIM@baselength`
`\dbltextfloatsep` 136 `\setlength\dbltextfloatsep\PHIM@baselength`
`\abovecaptionskip` 137 `\setlength\abovecaptionskip\PHIM@baselength`
`\belowcaptionskip` 138 `\setlength\belowcaptionskip{\z@}\relax`

3.3.7 Lists

`\leftmargin` These lengths are for all lists.
`\leftmargini` 139 `\setlength\leftmargini\PHIM@baselength`
`\leftmarginii` 140 `\leftmargin\leftmargini`
`\leftmarginiii` 141 `\setlength\leftmarginiii\PHIM@baselength`
`\leftmarginiv` 142 `\setlength\leftmarginiii\PHIM@baselength`
`\leftmarginv` 143 `\setlength\leftmarginiv\PHIM@baselength`
`\leftmarginvi` 144 `\setlength\leftmarginv\PHIM@baselength`
`\listparindent` 145 `\setlength\leftmarginvi\PHIM@baselength`
146 `\setlength\listparindent\PHIM@baselength`
`\itemindent` 147 `\setlength\itemindent\PHIM@baselength`

`\labelsep` Labels for all lists
`\labelwidth` 148 `\setlength\labelsep{0.5em}`
149 `\setlength\labelwidth{\leftmargini}`

`\topsep` These are for vertical spacing for lists
`\partopsep` 150 `\setlength\topsep{0.5\PHIM@baselength}`
`\itemsep` 151 `\setlength\partopsep\z@`
`\parsep` 152 `\setlength\parsep\parskip`
153 `\setlength\itemsep\z@`

`\@listi` These are for compatibility with `article.cls`
`\@listI` 154 `\def\@listi{}%`
`\@listii` 155 `\def\@listI{}%`
`\@listiii` 156 `\def\@listii{}%`
`\@listiv` 157 `\def\@listiii{}%`
`\@listv` 158 `\def\@listiv{}%`
`\@listvi` 159 `\def\@listv{}%`
160 `\def\@listvi{}%`

```

quote Does anybody use verses for philosophy papers?
quotation 161 \renewenvironment{verse}{\let\\@centercr
verse 162 \list{}{\rightmargin\leftmargin}\item\relax}{\endlist}
163 \renewenvironment{quote}{%
164 \list{}{\rightmargin\leftmargin}\item\relax}{\endlist}
165 \renewenvironment{quotation}{%
166 \list{}{\rightmargin\leftmargin
167 \itemindent\parindent}\item\relax}{\endlist}

```

3.3.8 Odds and Ends

Some other lengths

```

\bibndent Bibliography indentation
168 \setlength\bibndent\PHIM@baselength

\jot This length is added between lines of eqnarray. People should not use this envi-
ronment. Still, let us define it.
169 \setlength\jot\z@

\arraycolsep These lengths should be based on the base length:
\tabcolsep 170 \setlength{\arraycolsep}{0.5\PHIM@baselength}
\fbxsep 171 \setlength{\tabcolsep}{0.5\PHIM@baselength}
172 \setlength{\fbxsep}{0.25\PHIM@baselength}

```

3.4 Top Matter Markup

We do not need `\thanks` and `\and`

```

173 \def\and{\unskip, %
174 \ClassError{philosophersimprint}{%
175 Command \string\and\space is not defined for this class}{%
176 The authors for Philosophers' Imprint should be separated by
177 commas.\MessageBreak
178 I will convert your \string\and\space to comma and continue}}
179 \def\thanks#1{%
180 \ClassError{philosophersimprint}{%
181 Command \string\thanks\space is not defined for this class}{%
182 Use \string\affiliation\space instead of \string\thanks.\MessageBreak
183 I will delete this command and its argument}}

\title Unlike standard LATEX macro \title, ours has two arguments:
184 \def\title{\@ifnextchar[{\title@i}{\title@ii}}
185 \def\title@i[#1]#2{\gdef\shorttitle{#1}\gdef\@title{#2}}
186 \def\title@ii#1{\title@i[#1]{#1}}
187 \title{}

\author Same with \author:
188 \def\author{\@ifnextchar[{\author@i}{\author@ii}}

```

```

189 \def\author@i[#1]#2{\gdef\@shortauthor{#1}\gdef\@author{#2}}
190 \def\author@ii#1{\author@i[#1]{#1}}
191 \author{}
```

`\@date` We have slightly different default date format than the standard class:

```

192 \def\today{\ifcase\month\or
193   January\or February\or March\or April\or May\or June\or
194   July\or August\or September\or October\or November\or
195   December\fi\space
196   \number\year}
```

`\titleimage` A bunch of one parameter macros

```

\affiliation 197 \newcommand*\titleimage[1]{\gdef\@titleimage{#1}}
\copyrightinfo 198 \titleimage{NoSuchImageDotUse.pdf}
  \subject 199 \newcommand*\affiliation[1]{\gdef\@affiliation{#1}}
  \keywords 200 \affiliation{}
201 \newcommand*\copyrightinfo[1]{\gdef\@copyrightinfo{#1}}
202 \copyrightinfo{}
203 \newcommand*\subject[1]{\gdef\@subject{#1}}
204 \subject{}
205 \newcommand*\keywords[1]{\gdef\@keywords{#1}}
206 \keywords{}
```

`\copyrightlicense` This adds license information:

```

207 \newcommand*\copyrightlicense[1]{\gdef\@copyrightlicense{#1}}
208 \copyrightlicense{This work is licensed under a Creative Commons
209   Attribution-NonCommercial-NoDerivatives 3.0 License}
```

Some games with the numbers

`\PHIM@addzeros` The macro `\PHIM@addzeros` takes the argument and adds leading zeros to make exactly 3 digits, and puts it into the second argument.

```

210 \def\PHIM@addzeros#1#2{\@tempcnta=#1\relax
211   \edef#2{%
212     \ifnum\@tempcnta>99
213       \the\@tempcnta
214     \else
215       \ifnum\@tempcnta>9
216         0\the\@tempcnta
217       \else
218         00\the\@tempcnta
219       \fi
220     \fi}}
```

`\journalnumber` We keep two copies of the journal number: one with zeros, one without

```

221 \newcommand*\journalnumber[1]{%
222   \gdef\@journalnumber{#1}%
223   \PHIM@addzeros{\@journalnumber}{\@journalnumber}}
224 \journalnumber{999}
```

`\journalvolume` We keep two copies of the journal volume: one with zeros, one without

```
225 \newcommand*{\journalvolume}[1]{%
226   \gdef\@journalvolume{#1}%
227   \PHIM@addzeros{\@journalvolume}{\@journalvolume}}
228 \journalvolume{999}
```

3.5 Headers & Footers

```
229 \pagestyle{fancy}
230 \lhead{\makebox[\PHIM@colwidth]{\centering\scshape\large
231   \MakeLowercase{\@shortauthor}}}
232 \chead{}
233 \rhead{\makebox[\PHIM@colwidth]{\centering\itshape\large\@shorttitle}}
234 \lfoot{\scshape\large philosophers' imprint}
235 \cfoot{-\space\large\thepage\space-}
236 \rfoot{\scshape\large vol.\~\@journalvolume, no.\~\@journalnumber\quad%
237   (\MakeLowercase{\@date})}
238 \renewcommand{\headrulewidth}{0pt}
239 \renewcommand{\footrulewidth}{0pt}
```

3.6 Making Title Page

`\maketitle` Our `\maketitle` is completely different from the standard one. First, we set up the PDF information, and then check which of the variants of title page to use.

```
240 \def\maketitle{%
241   \thispagestyle{empty}
242   \ifPHIM@hyperref\relax
243     \hypersetup{pdfauthor=\@author, pdftitle=\@title, %
244       pdfsubject=\@subject, pdfkeywords=\@keywords}
245   \fi
246   \ifPHIM@titleimage\relax
247     \maketitle@image
248   \else
249     \maketitle@simulated
250   \fi
251   \newpage}
```

`\maketitle@image` Here we add the image if it exists.

```
252 \def\maketitle@image{%
253   \IfFileExists{\@titleimage}{%
254     \begin{picture}(0,0)%
255       \setlength{\unitlength}{1pt}%
256       \put(-6,6){\makebox(0,0)[lt]{\includegraphics{\@titleimage}}}%
257     \end{picture}}{%
258   \ClassWarningNoLine{philosophersimprint}{%
259     *****\MessageBreak
260     * Cannot find title image \MessageBreak
261     * \@titleimage.\MessageBreak
262     * Switching to simulated title.\MessageBreak
263     *****}}
```

```
264 \maketitle@simulated}}
```

\maketitle@simulated Simulated page should look more or less like the real one.

```
265 \def\maketitle@simulated{%
266   {\centering
267     \parbox{2in}{\textcolor{PHIM@blue}{%
268       \hspace{1.4em}\fontsize{10pt}{11}\selectfont Philosophers'}\[-1.4ex]%
269     \textcolor{PHIM@gray}{\fontsize{34pt}{25}\selectfont Imprint}}
270   \hfill
271   \parbox{2in}{
272     \begin{flushright}
273       \scshape\large
274       volume \@journalvolume, no.~\@journalnumber\[[0.2ex]
275       \MakeLowercase{\@date}
276     \end{flushright}}}%
277   \par
278   \vskip 0pt plus 0.3fill\relax
279   {\ifPHIM@trajantitle\trjfamily\fi
280     \HUGE\selectfont\MakeUppercase{\@title}\par}%
281   \vskip 0pt plus 0.4fill\relax
282   {\huge\itshape\@author\par}%
283   \vskip 0pt plus 0.15fill\relax
284   {\large\itshape\@affiliation\par}%
285   \vskip 0pt plus 0.2fill\relax
286   {\ifx\@copyrightinfo\@empty~\else%
287     \copyright\space\@copyrightinfo\fi\
288     \itshape
289     \ifx\@copyrightlicense\@empty~\else%
290       \@copyrightlicense\fi\[[0.3ex]
291   \edef\PHIM@url{%
292     www.philosophersimprint.org/\@journalvolume\@journalnumber/}
293   \ifPHIM@hyperref\relax
294     \href{http://\PHIM@url}{\textcolor{black}{
295       \textless \PHIM@url\textgreater}}}%
296   \else
297     \textless \PHIM@url\textgreater
298   \fi
299   \vskip 0pt plus 0.2fill\relax
300   \par}%
301 }}}
```

Some colors for the title page:

```
302 \definecolor{PHIM@blue}{rgb}{0.184, 0.431, 0.7749}%
303 \definecolor{PHIM@gray}{gray}{0.549}%
```

3.7 Sectioning

We redefine the sectioning commands from the standard `article` to make this according to the journal requirements.


```

\ifPHIM@appendix The journal wants to format appendix as "Appendix A. Name". Therefore we
need to know whether we are in appendix mode.
304 \newif\ifPHIM@appendix\PHIM@appendixfalse

\section The journal wants the dot after section number. Besides, to synchronize lines, we
want to skip 3/4 line before the section head even if we start a new column.
305 \renewcommand\section{\par
306 \addpenalty\@secpenalty\nobreak
307 \addvspace{0.75\PHIM@baselength}
308 \@afterindentfalse
309 \secdef\@section\@ssection}%

\@section This is the actual formatting when we have an unstarred form.
310 \def\@section[#1]#2{%
311 \ifnum\c@secnumdepth>0\relax
312 \refstepcounter{section}%
313 \addcontentsline{toc}{section}{\ifPHIM@appendix\appendixname\space\fi
314 \thesection.\quad#1}%
315 \else
316 \addcontentsline{toc}{section}{#1}%
317 \fi
318 {\noindent\raggedright\interlinepenalty\@M
319 \normalsize\bfseries
320 \ifnum\c@secnumdepth>0\relax
321 \ifPHIM@appendix\appendixname\space\fi\thesection.\quad #2
322 \else
323 #2
324 \fi}%
325 \vspace*{0.25\PHIM@baselength}%
326 \@afterheading
327 \nobreak\par}

\@ssection This is the actual formatting for the starred section
328 \def\@ssection#1{%
329 {\noindent\raggedright\interlinepenalty\@M
330 \normalsize\bfseries #1}%
331 \vspace*{0.25\PHIM@baselength}%
332 \@afterheading
333 \nobreak\par}

\subsection All other command can use standard technique. Since the lengths in @startsection
\subsubsection double as switches, we use  $\pm 1\text{sp}$  as effective zero.
\paragraph 334 \renewcommand\subsection{\@startsection{subsection}{2}{\z@}%
\subparagraph 335 {-\PHIM@baselength}%
336 {1sp}%
337 {\normalfont\normalsize\itshape}}
338 \renewcommand\subsubsection{\@startsection{subsubsection}{3}{\z@}%
339 {-1sp}%
340 {1sp}%

```

```

341                               {\normalfont\normalsize\itshape}}
342 \renewcommand\paragraph{\@startsection{paragraph}{4}{\z@}%
343                               {1sp}%
344                               {-1sp}%
345                               {\normalfont\normalsize}}
346 \renewcommand\subparagraph{\@startsection{subparagraph}{5}{\parindent}%
347                               {1sp}%
348                               {-1sp}%
349                               {\normalfont\normalsize}}

```

`\appendix` The only difference from the command `\appendix` in [11] is that here we switch on the flag:

```

350 \renewcommand\appendix{\par
351   \PHIM@appendixtrue
352   \setcounter{section}{0}%
353   \setcounter{subsection}{0}%
354   \gdef\thesection{\@Alph@c@section}}

```

3.8 Footnotes

`\@makfntext` The journal prefers footnotes with text footnote marks and hanging indentation

```

355 \renewcommand\@makefntext[1]{%
356   \@tempdima=\hspace
357   \advance\@tempdima by -\PHIM@baselength\relax
358   \makebox[\PHIM@baselength][1]{\the\fnmark.}\parbox[t]{\@tempdima}{#1}}

```

`\footnotesep` We set it just to strut

```

359 \settoheight{\footnotesep}{\footnotesize\strut}

```

`\footins` This the space between the last line of the text and top of footnotes

```

360 \setlength{\skip\footins}{\the\PHIM@baselength plus \the\PHIM@baselength}

```

`\interfootnotepenalty` We allow footnotes to be split between pages:

```

361 \interfootnotelinepenalty=0

```

3.9 The Last Words

The editors want French spacing

```

362 \normalsize
363 \frenchspacing
364 </class>

```

References

- [1] Peter Wilson and Herries Press. *The Trajan Fonts*, June 2005. <http://ctan.tug.org/tex-archive/fonts/trajan>.
- [2] Walter Schmidt. *Using Common PostScript Fonts With L^AT_EX. PSNFSS Version 9.2*, September 2004. <http://ctan.tug.org/tex-archive/macros/latex/required/psnfss>.
- [3] Ralf Stubner. *FPL Fonts—SC/Of for URW Palladio L*, February 2005. <http://ctan.tug.org/tex-archive/fonts/fpl>.
- [4] D. P. Carlisle. *Packages in the ‘Graphics’ Bundle*, November 2005. <http://ctan.tug.org/tex-archive/macros/latex/required/graphics>.
- [5] Heiko Oberdiek. *The ifpdf Package*, February 2006. <http://ctan.tug.org/tex-archive/macros/latex/contrib/oberdiek>.
- [6] Piet van Oostrum. *Page Layout in L^AT_EX*, March 2004. <http://ctan.tug.org/tex-archive/macros/latex/contrib/fancyhdr>.
- [7] Sebastian Rahtz and Heiko Oberdiek. *Hypertext Marks in L^AT_EX: a Manual for Hyperref*, September 2006. <http://ctan.tug.org/tex-archive/macros/latex/contrib/hyperref>.
- [8] Patrick W. Daly. *Natural Sciences Citations and References (Author-Year and Numerical Schemes)*, February 2007. <http://ctan.tug.org/tex-archive/macros/latex/contrib/natbib>.
- [9] Federico Garcia. *Opcit (Version 2.0) A Package for Footnote-Style Bibliographical References*, September 2006. <http://ctan.tug.org/tex-archive/macros/latex/contrib/opcit>.
- [10] Kaveh Bazargan and CV Radhakrishnan. Removing vertical stretch—mimicking traditional typesetting with T_EX. *TUGboat*, 28(1):133–136, 2007. <https://www.tug.org/members/TUGboat/tb28-1/tb88bazargan.pdf>.
- [11] Leslie Lamport, Frank Mittelbach, and Johannes Braams. *Standard Document Classes for L^AT_EX version 2e*, 1997. <http://ctan.tug.org/tex-archive/macros/latex/base>.
- [12] Peter Wilson. *The Memoir Class for Configurable Typesetting*, January 2004. <http://ctan.tug.org/tex-archive/macros/latex/contrib/memoir>.

Change History

v.08		\HUGE: Changed dimensions	10
	\ifPHIM@trajantitle: Added	\Huge: Changed dimensions	10
	Trajan font for title	\LARGE: Changed dimensions	10
v0.5		\Large: Changed dimensions	10
	\PHIM@addzeros: Corrected	\appendix: Redefined the macro	18
	documentation	\bigskipamount: Defined the	
	\maketitle@simulated: Moved	lengths	10
	URL def outside hyperref check	\evensidemargin: Added	
	General: First fully functional	definition	12
	version	\footnotesize: Changed	
v0.6		dimensions	10
	\PHIM@colwidth: Introduced the	\huge: Changed dimensions	10
	macro	\ifPHIM@appendix: Introduced	
	General: Headers are now centered	macro	17
v0.7		\large: Changed dimensions	10
	\@makfntext: Introduced new	\marginparpush: Added macro	11
	footnote formatting	\marginparsep: Added definition	11
	\PHIM@baselength: Introduced the	\marginparwidth: Added	
	macro	definition	11
	\PHIM@colwidth: Made the base of	\normalsize: Changed dimensions	10
	calculations	\oddsidemargin: Added definition	12
	\bibndent: Changed value	\scriptsize: Changed dimensions	10
	\footins: Changed value	\small: Changed dimensions	10
	\footnoteseq: Changed value	\tiny: Changed dimensions	10
	\jot: Changed value	v0.9	
	\maketitle@simulated: Changed	\footins: It is now stretchable	18
	lengths and fonts	\maketitle@image: Changed	
	\paragraph: Changed formatting	formatting	15
	\parindent: Defined to the journal	General: Added French Spacing	18
	requirements	v1.0	
	\section: Changed formatting for	General: Public release	1
	section	Renamed files. Added reference	
	\subparagraph: Changed	to the package in sample.tex	1
	formatting	v1.1	
	\subsection: Changed formatting	\@makfntext: Changed indentation	18
	\subsubsection: Changed	\interfootnotepenalty: Changed	
	formatting	value	18
	General: Changed values for float	General: Added microtype	1
	parameters	v1.13	
	Changed values for lists	\copyrightlicense: Added macro	14
	Changed vertical stretching	v1.2	
	Introduced fonts dimensions	\maketitle@simulated: Added	
	Rewrote documentation	trailing slash to the title page	
v0.8		url	16
	\@section: Added appendix name	v1.3	
	Added par	\maketitle@simulated: Added	
	\@ssection: Added par	copyright license	16

v1.4		v1.5	
	<code>\footins</code> : Made finite to avoid		<code>\@makfntext</code> : Changed indentation
	white spots 18		again 18
	<code>\ifPHIM@flushend</code> : Added macro . 8		<code>\titleimage</code> : Default title image is
	General: Added flushend option . . 1		now a string 14

Index

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

Symbols	<code>\@startsection</code>	<code>\belowdisplayshortskip</code> 118
<code>\@journalnumber</code> 223, 292	<code>\@subject</code> 203, 244	<code>\belowdisplayskip</code> . 119
<code>\@journalvolume</code> 227, 292	<code>\@tempcnta</code> 210, 212, 213, 215, 216, 218	<code>\bfseries</code> 319, 330
<code>\@Alph</code> 354	<code>\@tempdima</code> . . . 356–358	<code>\bibindent</code> 168
<code>\@M</code> 318, 329	<code>\@thefnmark</code> 358	<code>\bibndent</code> <u>168</u>
<code>\@affiliation</code> . 199, 284	<code>\@title</code> . . . 185, 243, 280	<code>\bigskipamount</code> <u>89</u>
<code>\@afterheading</code> 326, 332	<code>\@titleimage</code>	C
<code>\@afterindentfalse</code> . 308	. 197, 253, 256, 261	<code>\c@secnumdepth</code> 311, 320
<code>\@author</code> . . 189, 243, 282	<code>\@</code> 161, 268, 274, 287, 290	<code>\c@section</code> 354
<code>\@centercr</code> 161	<code>notrajantitle</code> (op- tion) 3	<code>\centering</code> 230, 233, 266
<code>\@copyrightinfo</code> 201, 286, 287	A	<code>\cfoot</code> 235
<code>\@copyrightlicense</code> 207, 289, 290	<code>\abovecaptionskip</code> . <u>132</u>	<code>\thead</code> 232
<code>\@date</code> <u>192</u> , 237, 275	<code>\abovedisplayshortskip</code> 117	<code>\ClassError</code> . . . 174, 180
<code>\@empty</code> 286, 289	<code>\abovedisplayskip</code> 116, 119	<code>\ClassInfo</code> 21, 23
<code>\@ifnextchar</code> . . 184, 188	<code>\addcontentsline</code> 313, 316	<code>\ClassWarningNoLine</code> 36, 45, 54, 65, 98, 258
<code>\@ifpackageloaded</code> . 63	<code>\addpenalty</code> 306	<code>\columnsep</code> . . . 122, 125
<code>\@journalnumber</code> 222, 223, 236, 274	<code>\addtolength</code>	<code>\copyright</code> 287
<code>\@journalvolume</code> 226, 227, 236, 274	. 112–114, 125, 130	<code>\copyrightinfo</code> . . 5, <u>197</u>
<code>\@keywords</code> . . . 205, 244	<code>\advspace</code> 307	<code>\copyrightlicense</code> 5, <u>207</u>
<code>\@listI</code> <u>154</u>	<code>\advance</code> 357	<code>\CurrentOption</code> 13, 15, 19
<code>\@listi</code> <u>154</u>	<code>\affiliation</code> 4, 182, <u>197</u>	D
<code>\@listii</code> <u>154</u>	<code>\and</code> 173, 175, 178	<code>\date</code> 5
<code>\@listiii</code> <u>154</u>	<code>\appendix</code> <u>350</u>	<code>\dblfloatsep</code> <u>132</u>
<code>\@listiv</code> <u>154</u>	<code>\appendixname</code> . 313, 321	<code>\dbltextfloatsep</code> . . <u>132</u>
<code>\@listv</code> <u>154</u>	<code>\arraycolsep</code> <u>170</u>	<code>\DeclareOption</code> 3, 4, 6, 7, 9, 11, 12, 14, 17–19
<code>\@listvi</code> <u>154</u>	<code>\AtBeginDocument</code> . . 62	<code>\def</code> 154–160, 173, 179, 184– 186, 188–190, 192, 210, 240, 252, 265, 310, 328
<code>\@makefntext</code> 355	<code>\author</code> 4, <u>188</u>	<code>\definecolor</code> . . 302, 303
<code>\@makfntext</code> <u>355</u>	<code>\author@i</code> 188–190	E
<code>\@secpenalty</code> 306	<code>\author@ii</code> . . . 188, 190	<code>\edef</code> 211, 291
<code>\@section</code> 309, <u>310</u>	B	<code>\else</code> 97, 214, 217, 248, 286, 289, 296, 315, 322
<code>\@setfontsize</code> 74, 75, 77–85	<code>\baselinestretch</code> . . <u>86</u>	
<code>\@settoppoint</code> 115	<code>\begin</code> 254, 272	
<code>\@shortauthor</code> . 189, 231	<code>\belowcaptionskip</code> . <u>132</u>	
<code>\@shorttitle</code> . . 185, 233		
<code>\@ssection</code> . . . 309, <u>328</u>		

O		<code>\PHIM@flushendfalse</code>	<code>\rightmargin</code>	
<code>\oddsidemargin</code>	<u>129</u> 16, 18, 59 162, 164, 166	
options:				
<code>notrajan</code>	<u>3</u>	<code>\PHIM@flushendtrue</code> .	S	
<code>flushend</code>	<u>4</u>	<code>\PHIM@hyperreffalse</code> .	<code>\scriptsize</code> <u>74</u>	
<code>noBBpl</code>	<u>4</u>	<code>\PHIM@hyperreftrue</code> .	<code>\scshape</code>	
<code>noflushend</code>	<u>4</u>	<code>\PHIM@osffalse</code> 230, 234, 236, 273	
<code>noosf</code>	<u>4</u>	<code>\PHIM@osftrue</code>	<code>\secdef</code> <u>309</u>	
<code>nosc</code>	<u>4</u>	<code>\PHIM@scfalse</code>	<code>\section</code> <u>305</u>	
<code>notitleimage</code>	<u>3</u>	<code>\PHIM@sctrue</code>	<code>\selectfont</code> 268, 269, 280	
<code>slantedGreek</code>	<u>4</u>	<code>\PHIM@titleimagefalse</code>	<code>\setcounter</code> . . . 352, 353	
<code>titleimage</code>	<u>3</u> 4	<code>\setlength</code> <u>73</u> ,	
<code>trajan</code>	<u>3</u>	<code>\PHIM@titleimagetrue</code>	87–91, 107–	
<code>\or</code>	192–194 2, 3	111, 121–123,	
P		<code>\PHIM@trajan</code>	126–129, 131–	
<code>\pagestyle</code>	229	<code>\PHIM@trajan</code>	139, 141–153,	
<code>\paperheight</code>	93	<code>\PHIM@trajan</code>	168–172, 255, 360	
<code>\paperwidth</code>	94	<code>\PHIM@trajan</code>	<code>\settoheight</code> 359	
<code>\par</code>	277, 280,	<code>\PHIM@url</code>	<code>\skip</code> 360	
282, 284, 300,		. 291, 294, 295, 297	<code>slantedGreek</code> (option) <u>4</u>	
305, 327, 333, 350		<code>\ProcessOptions</code> 25	<code>\small</code> <u>74</u>	
<code>\paragraph</code>	<u>334</u>	<code>\put</code> 256	<code>\smallskipamount</code> . . <u>89</u>	
<code>\parbox</code> . . . 267, 271, 358		Q		
<code>\parindent</code>	<u>86</u> , 167, 346	<code>\quad</code> 236, 314, 321	<code>\string</code> 175, 178, 181, 182	
<code>\parsep</code>	<u>150</u>	<code>\quotation</code> <u>161</u>	<code>\strut</code> 359	
<code>\parskip</code>	<u>86</u> , 152	<code>\quote</code> <u>161</u>	<code>\subject</code> <u>5</u> , <u>197</u>	
<code>\partopsep</code>	<u>150</u>	R		
<code>\PassOptionsToClass</code>	19	<code>\raggedright</code> . . . 318, 329	<code>\subparagraph</code> <u>334</u>	
<code>\PassOptionsToPackage</code>		<code>\refstepcounter</code> . . . 312	<code>\subsection</code> <u>334</u>	
. 13, 15, 28, 29		<code>\relax</code> 25,	<code>\subsubsection</code> <u>334</u>	
<code>\pdfhorigin</code>	96	92, 105, 106,	T	
<code>\pdfpageheight</code>	93	116–119, 124,	<code>\tabcolsep</code> <u>170</u>	
<code>\pdfpagewidth</code>	94	138, 162, 164,	<code>\textcolor</code> 267, 269, 294	
<code>\pdfvorigin</code>	95	167, 210, 242,	<code>\textfloatsep</code> <u>132</u>	
<code>\PHIM@addzeros</code>		246, 278, 281,	<code>\textgreater</code> . . . 295, 297	
. <u>210</u> , 223, 227		283, 285, 293,	<code>\textheight</code> 110	
<code>\PHIM@appendixfalse</code>	304	299, 311, 320, 357	<code>\textless</code> 295, 297	
<code>\PHIM@appendixtrue</code>	351	<code>\renewcommand</code>	<code>\textwidth</code> . . . 123–125	
<code>\PHIM@baselength</code>	<u>72</u> ,	. . . 74–76, 78–	<code>\thanks</code> . . . 179, 181, 182	
74, 87, 89–91,		84, 86, 238, 239,	<code>\the</code> . . 213, 216, 218, 360	
106–109, 116–		305, 334, 338,	<code>\thepage</code> 235	
118, 126–128,		342, 346, 350, 355	<code>\thesection</code> 314, 321, 354	
132–137, 139,		<code>\renewenvironment</code> .	<code>\thispagestyle</code> 241	
141–147, 150,	 161, 163, 165	<code>\tiny</code> <u>74</u>	
168, 170–172,		<code>\RequirePackage</code>	<code>\title</code> <u>4</u> , <u>184</u>	
307, 325, 331,		. . . 27, 30–35, 44, 53	<code>\title@i</code> 184–186	
335, 357, 358, 360		<code>\rfoot</code> 236	<code>\title@ii</code> 184, 186	
<code>\PHIM@colwidth</code>		<code>\rhead</code> 233	<code>\titleimage</code> <u>4</u> , <u>197</u>	
. <u>120</u> , 230, 233				

<code>titleimage</code> (option) .. 3	U	<code>\vspace</code> 325, 331
<code>\today</code> 192	<code>\unitlength</code> 255	Y
<code>\topmargin</code> ... 111–115	<code>\unskip</code> 173	<code>\year</code> 196
<code>\topsep</code> <u>150</u>	V	Z
<code>\topskip</code> 109, 113	<code>\verse</code> <u>161</u>	<code>\z@</code> .. 138, 151, 153,
<code>trajantitle</code> (option) . 3	<code>\vskip</code> 278,	169, 334, 338, 342
<code>\trjnfamil</code> 279	281, 283, 285, 299	