

# Typesetting Articles for *Res Philosophica*<sup>\*†</sup>

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## Abstract

This package provides a class for typesetting articles for the journal *Res Philosophica*, <http://www.resphilosophica.org>.

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# 1 Introduction

According to the statement at <http://www.resphilosophica.org/>, *Res Philosophica* is an international, quarterly journal of philosophy that publishes research in all areas of philosophy, historical and topical. Founded as *The Modern Schoolman* by Jesuit Scholastics in 1925, the journal is edited by members of the Philosophy Department at Saint Louis University and supported generously by the College of Arts and Sciences.

This package is intended for the authors and editors of the journal to typeset the articles in L<sup>A</sup>T<sub>E</sub>X. Note that the journal is typeset in *Linotype Sabon*. The users may buy the fonts and install their free L<sup>A</sup>T<sub>E</sub>X support [1], or use the options `bodyfont=cm` and `rpfont=cm` to typeset the articles using Computer Modern. Of course, the line and page breaks in the latter case are different from those in the final version typeset with commercial fonts.

## 2 User Interface

### 2.1 Commercial Fonts

The package can be used with free Computer Modern fonts or with commercial fonts to mimick the journal typesetting. The installation of additional fonts is therefore fully optional.

*Res Philosophica* uses Linotype Sabon for the body text and URW Garamond for mathematics. Sabon is a commercial font. URW Garamond is free, but due to license restrictions it is usually not included with T<sub>E</sub>XLive, MikT<sub>E</sub>X and other major distributives. If you bought Linotype Sabon, you need to install the package `lsabon` [1]. To use URW Garamond, you need to download the `pfb` files from a CTAN mirror (<http://mirror.ctan.org/fonts/urw/garamond/>), install them in the directory `fonts/type1/urw/garamond` under `$TEXMFLOCAL` and run `texhash`.

### 2.2 Invocation and Options

To use the class put in the preamble of your document

```
\documentclass[<options>]{resphilosophica}
```

The class `resphilosophica` internally loads `amsart`, and therefore all class options for `amsart` are technically valid. However, most of them are not especially meaningful for `resphilosophica`. There are several options specific for this class. They are described below. Note that the class uses key-value interface for some options, for example

```
\documentclass[bodyfont=sabon]{resphilosophica}
```

*option*  
`bodyfont`

The option `bodyfont` can have three values: `sabon` for Sabon/Garamond fonts,

`cm` for Computer Modern and `auto` (default). The later option switches to the use of Sabon if the font metrics are present in your system, and to the use of Computer Modern otherwise.

*option*      The option `manuscript` is intended to facilitate the communications between  
`manuscript` the editor and the author. It enables two things:

1. The numbering of lines in the manuscript is switched off in the normal mode, but is on in the manuscript mode.
2. The command `\EditorialComment` is no-op in normal mode, but produces marginal commentaries in the manuscript

*option*      The option `preprint` is for the final version of the manuscript. In this mode  
`preprint` there are no editorial comments, but the numbering of lines is preserved

*option*      The option `screen` is intended for the screen reading. When this option is  
`screen` selected, the links become highlighted.

*option*      The option `forthcoming` is like `screen`, but it is used when there is no infor-  
`forthcoming` mation about the volume. The macro `\onlinedate{<date>}` can be used to set  
`\onlinedate` the date of online publication.

*option*      The preferred solution for bibliography is `natbib` package [2]. The option  
`natbib` `natbib=true` (default) sets the package and the proper options, including bib-  
 liography style. The option `natbib=false` switches this behavior off, and the  
 formatting of the bibliography becomes the full responsibility of the author. The  
 package includes the BibTeX bibliography style `resphilosophica.bst`.

## 2.3 Topmatter

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

There are two kinds of top matter commands: the ones used primarily for authors and the ones used primarily for editors. We describe them separately.

### 2.3.1 Commands for Authors

`\title`      The command `\title`, as in `amsart` class, has two arguments: one optional, and one mandatory:

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

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

The title is typeset in small caps. The result of the command `\emph` in title depends on whether commercial fonts and the package `lsabon` package is used: with a relatively recent version of the package `lsabon` the emphasized text is typeset in Small Caps Italics.

`\author`      The interface for specifying the authors and their affiliations is close the the  
`\email` one of `amsart` [3] (and different from the standard L<sup>A</sup>T<sub>E</sub>X). For each author a  
`\address`  
`\curraddr`  
`\urladdr`

separate command `\author` should be used, followed by `\address` and (optionally) `\curraddr`, `\email` and `\urladdr`.

`\shortauthors` In some cases the authors list may be too long for the running head, even if the abbreviated forms are used for each author. In this case it is possible to change the running head by a *redefinition* of the command `\shortauthors`. This redefinition must be done after all `\author` commands, but before `\maketitle`:

```
\renewcommand{\shortauthors}{A.~Smith et al}
```

`\thanks` Like `amsart` (and unlike standard  $\text{\LaTeX}$ ), `resphilosophica` allows `\thanks` only *outside* of commands `\title` and `\author`. The text of `\thanks` is typeset at the end of the paper as a footnote marked ‘Acknowledgments’. Note that the right vertical positioning of this footnote might require an additional run of  $\text{\LaTeX}$ .

`\titlenote` The `\titlenote{<note>}` command creates a special footnote for the title. This command should be issued *outside* the `\title` command.

`\authornote` The similar `\authornote{<note>}` command creates a special footnote for the author. This command should be issued *outside* the `\author` command.

`\copyrightnote` Normally each paper is copyrighted by the authors and by the journal. This is reflected in the footnote on the first page of the article. However, by arrangement with the editors, certain papers may have different copyright. The command `\copyrightnote{<copyright statement>}`, if issued, changes the footnote to the corresponding text, for example:

```
\copyrightnote{\textcopyright~2012 by the authors. This paper may
be reproduced, in its entirety, for noncommercial purposes.}
```

Note that if you issue this command, you should explicitly include both the copyright sign and the year unless the paper does not have a copyright, for example:

```
\copyrightnote{This paper is in the public domain}
```

`\copyrightyear` Normally the copyright statement includes the year of copyright, which is assumed to be the publication year as specified by the `\publicationyear` command (see below). If this assumption is wrong, you may correct it, for example,

```
\copyrightyear{1998}
```

`abstract` The abstract of the paper must be put between `\begin{abstract}` and `\end{abstract}`. Unlike the situation in `amsart` class, abstract may be put *after* `\maketitle`.

`\maketitle` The macro `\maketitle` typesets the top matter. All top matter information should be specified before this command.

### 2.3.2 Commands for Editors

The commands described in this section should be used by the editors to insert the information about the published paper. They must be put before the `\maketitle` command.

<code>\volumenumber</code> <code>\issuenumber</code> <code>\publicationyear</code> <code>\publicationmonth</code> <code>\papernumber</code> <code>\startpage</code> <code>\endpage</code>	<p>The macros <code>\volumenumber</code>, <code>\issuenumber</code>, <code>\publicationyear</code>, <code>\publicationmonth</code>, <code>\papernumber</code>, <code>\startpage</code>, <code>\endpage</code> set up the corresponding data for the paper, for example:</p> <pre> \volumenumber{88} \issuenumber{1--2} \publicationyear{2012} \publicationmonth{January--February} \papernumber{2} \startpage{1} \endpage{39} </pre>
---	--

Note that if the argument of `\endpage` is empty, L<sup>A</sup>T<sub>E</sub>X tries to calculate the last page number as best as it can.

Sometimes publication month for double issues is too long to fit on the back cover. For this case `\publicationmonth` has the optional argument, abbreviated month, for example

```
\publicationmonth[Jan--Feb]{January--February}
```

<code>\manuscriptid</code>  <code>\doinumber</code>  <code>\prevpaper</code>	<p>The command <code>\manuscriptid[<i>&lt;id&gt;</i>]</code> sets the number of the manuscript assigned at submission. If it is set, it is used to calculate the doi number (see below).</p> <p>Normally you do not need to set the DOI of the paper: T<sub>E</sub>X will construct the number using the paper data. However, you <i>may</i> override its decision using the command <code>\doinumber</code> which sets the DOI explicitly, for example, <code>\doinumber{&lt;10.11612/resphilosophica.2013.01.01&gt;}</code>. You probably should not use this macro.</p> <p>Instead of setting <code>\startpage</code>, one can use the command <code>\prevpaper{&lt;previous paper&gt;}</code>, with the argument being the location and file name of the previous paper in the journal, for example:</p> <pre> \prevpaper{../infinity/concept_of_infinity} </pre>
--	---

Note that the `.tex` suffix should *not* be used. The previous paper must be processed by `latex` prior to the current one. In this case `latex` will read the last page of the previous paper, and start the current one from the proper page number.

<code>\paperUrl</code>  <code>\EditorialComment</code>	<p>When a paper is submitted to the Crossref service, which keeps the database of Digital Object Identifiers, its URL is calculated by the script used by editors. The command <code>\paperURL{&lt;url&gt;}</code> overrides this choice.</p> <p>The macro <code>\EditorialComment[&lt;level&gt;]{&lt;comments&gt;}</code> typesets the comments on the margins in the <code>manuscript</code> mode, for example,</p>
--	---

Which is a well known fact.\EditorialComment{A citation is needed}\EditorialComment[1]{Please make the citation more explicit}.

Editorial comments have *levels*. A level can be numeric or symbolic; symbolic levels can contain letters and numbers. The default level is 0, so \EditorialComment{text} is equivalent to \EditorialComment[0]{text}.

**\ECSelect** The command \ECSelect{<level,level,...>} selects the levels of editorial comments to display in the manuscript mode. Note that 0 corresponds to the default level, so the command \ECSelect{0} should be used to show these comments.

Sometimes it is useful to tell the author about typesetter's changes in the manuscript. The dialog between the author and typesetter might take several iterations, so the class provides a system for this dialog.

**\TC** The macro \TC[<level>]{<text>} makes {<text>} highlighted in the manuscript mode if the level [<level>] is chosen. For example,

This proposition \TC[1]{(first discussed by the author in 2010)} can be stated as the following.

The level can be numerical, or logical, e.g. \TC[new]{text}. Actually any combination of letters and numbers that does not contain commas or spaces can be used for level. By default the level is 0, so \TC{<text>} is equivalent to \TC[0]{<text>}.

**\TCSelect** The decision to highlight certain levels is done by the command \TCSelect[<color>]{<level,level,level...>}. The first optional argument is the color used for highlighting; by default **magenta**. Actually any color expression understandable by **xcolor** can be used. The second argument is a comma-separated list of levels that will be highlighted by the selected color. The command \TCSelect can be repeated, for example,

```
\TCSelect{0,1,new}
\TCSelect[blue]{second-level}
```

If a level does *not* appear in any \TCSelect command, it is not highlighted—that is why we do not need a separate \TCOff command.

### 3 Special Notes

**notes** Some authors include special notes, for example, bibliography description, that precede list of references, but follow the signature block. The environment **notes** is intended for this purpose. It has one mandatory argument, title, for example

```
\begin{notes}{Bibliography notes}
  The best discussion of the problem can be found in...
\end{notes}
```

### 3.1 Bibliography

As mentioned above, `resphilosophica` by default uses `natbib` [2]. You should use `natbib` commands like `\citet`, `\citep` etc.

Note that `\bibliographystyle` command should *not* be issued by the author: the package takes care of this. You just need to type

```
\bibliography{DATABASE, DATABASE...}
```

The bibliography style used for the articles is `resphilosophica.bst`. Compared to standard styles it has two additional fields:

**doi:** DOI number of the publication. Write there only the number: the style will automatically add `https://doi.org` and make the reference clickable.

**titlenote:** the note that should be put after the title rather than at the end of the entry<sup>1</sup>, for example, the information about translators, editors of critical editions, etc:

```
@book{Knuth94:TheTeXbook,
  address =      {Reading, MA},
  author =      {Knuth, Donald Ervin},
  titlenote =    {Illustrations by Duane Bibby},
  publisher =    {Addison-Wesley Publishing Company},
  series =      {Computers \& Typesetting A},
  title =       {The \TeX book},
  year =        {1994},
}
```

`\enquote`      The macros `\enquote` and `\ensquote` put their arguments in double and single quotes correspondingly. They are used to suppress unwanted commas and periods inside bibliography entries.

`\suppresscomma`      Sometimes BibTeX inserts an unwanted comma into an entry, for example, in the following one:

```
@incollection{ande97a,
  Address = {Macon, GA},
  Author = {Anderson, Thomas C.},
  Booktitle = {Concluding Unscientific Postscript to
\enquote{Philosophical Fragments,}},
  Date-Modified = {2013-09-04 21:27:17 +0000},
  Editor = {Robert Perkins},
  Owner = {Andrew},
  Pages = {187--204},
  Publisher = {Mercer University Press},
```

---

<sup>1</sup>This field was proposed by Maureen Shupsky for the *Annals of Mathematics* bibliography style.

```

Series = {International Kierkegaard Commentary},
Timestamp = {2013.09.04},
Title = {Kierkegaard and Approximation Knowledge},
Volume = {12},
Year = {1997}}

```

The command `\suppresscomma` suppresses the next comma:

```

Booktitle = {Concluding Unscientific Postscript to
\enquote{Philosophical Fragments,\suppresscomma}},

```

The bibliography style has a special entry type, `inloosecollection`. It resembles the standard `incollection` entry, but it refers to a collection of papers written by separate authors that are quotable separately as an independent entity. This entry is typeset slightly differently than the standard `incollection` entry.

`\AddtoEndMatter`

If you decide to forgo `natbib`, you can use `natbib=false` option. Then you should remember to put the bibliography *after* the end matter (authors' addresses etc) using the command `\AddtoEndMatter`:

```
\AddtoEndMatter{MY BIBLIOGRAPHY COMMANDS}
```

## Acknowledgments

This package was commissioned by the journal *Res Philosophica* and funded by Saint Louis University. I am grateful to Jonathan Jacobs for tireless testing of the package.



## 4 Implementation

### 4.1 Options

We need `xkeyval` since some of our options may have values:

```
1 \RequirePackage{xkeyval}
```

`\ifRESP@fontauto` First, check whether the user have the body font explicitly configured:

```
2 \newif\ifRESP@fontauto
3 \RESP@fontautotrue
```

`\ifRESP@rpfontauto` Same for *Res Philosophica* font

```
4 \newif\ifRESP@rpfontauto
5 \RESP@rpfontautotrue
```

`\ifRESP@lsabon` Are we using linotype sabon?

```
6 \newif\ifRESP@lsabon
7 \RESP@lsabonfalse
```

`\ifRESP@mtshadow` Are we using MT Imprint Shadow?

```
8 %\newif\ifRESP@mtshadow
9 %\RESP@mtshadowfalse
```

`bodyfont` And the option to check the user input:

```
10 \define@choicekey*+{resphilosophica.cls}{bodyfont}[\val\nr]{auto,
11   sabon, lsabon, cm}[auto]{%
12   \ifcase\nr\relax
13     \RESP@fontautotrue
14   \or
15     \RESP@fontautofalse
16     \RESP@lsabontrue
17   \or
18     \RESP@fontautofalse
19     \RESP@lsabontrue
20   \or
21     \RESP@fontautofalse
22     \RESP@lsabonfalse
23   \fi}{%
24   \PackageWarning{resphilosophica}{The option bodyfont must be auto,
25     sabon or cm. Using auto}\RESP@fontautotrue}
```

`rpfont` And the option to check the user input:

```
26 % \define@choicekey*+{resphilosophica.cls}{rpfont}[\val\nr]{auto,
27 %   imprint, imprintshadow, cm}[auto]{%
28 %   \ifcase\nr\relax
29 %     \RESP@rpfontautotrue
30 %   \or
31 %     \RESP@rpfontautofalse
32 %     \RESP@mtshadowtrue
```

```

33 % \or
34 % \RESP@rpfontautofalse
35 % \RESP@mtshadowtrue
36 % \or
37 % \RESP@rpfontautofalse
38 % \RESP@mtshadowfalse
39 % \fi}{%
40 % \PackageWarning{resphilosophica}{The option rpfont must be auto,
41 % imprintshadow or cm. Using auto}\RESP@rpfontautottrue}

natbib Checking natbib option:
42 \define@boolkey+{resphilosophica.cls}[RESP@]{natbib}[true]{}{%
43 \PackageWarning{resphilosophica}{The option natbib must be
44 yes or no. Using yes}}
45 \RESP@natbibtrue

The size-changing options produce a warning:
46 \long\def\RESP@size@warning#1{%
47 \ClassWarning{RESPart}{Size-changing option #1 will not be
48 honored}}%
49 \DeclareOptionX{8pt}{\RESP@size@warning{\CurrentOption}}%
50 \DeclareOptionX{9pt}{\RESP@size@warning{\CurrentOption}}%
51 \DeclareOptionX{10pt}{\RESP@size@warning{\CurrentOption}}%
52 \DeclareOptionX{11pt}{\RESP@size@warning{\CurrentOption}}%
53 \DeclareOptionX{12pt}{\RESP@size@warning{\CurrentOption}}%

\ifRESP@manuscript Manuscript mode:
54 \newif\ifRESP@manuscript
55 \RESP@manuscriptfalse
56 \DeclareOptionX{manuscript}{\RESP@manuscripttrue}

\ifRESP@screen Screen mode:
57 \newif\ifRESP@screen
58 \RESP@screenfalse
59 \DeclareOptionX{screen}{\RESP@screenttrue}

\ifRESP@preprint Whether we are in the preprint mode
60 \newif\ifRESP@preprint
61 \RESP@preprintfalse
62 \DeclareOptionX{preprint}{\RESP@preprinttrue}

\ifRESP@forthcoming Whether we are in the forthcoming mode
63 \newif\ifRESP@forthcoming
64 \RESP@forthcomingfalse
65 \DeclareOptionX{forthcoming}{\RESP@forthcomingtrue}

All other options are passed to amsart:
66 \DeclareOptionX{*}{\PassOptionsToClass{\CurrentOption}{amsart}}

And executing options:
67 \ProcessOptionsX

```

## 4.2 Loading Classes and Packages

We use `amsart` since it has nice features for front matter:

```
68 \LoadClass[noamsfonts,twoside]{amsart}
```

Some packages

```
69 \RequirePackage{microtype, fancyhdr, xcolor, lastpage, collect}
70 \RequirePackage[bottom,multiple]{footmisc}
71 \PassOptionsToPackage{hyphens}{url}
72 \RequirePackage[hyperfootnotes=false]{hyperref}
73 \urlstyle{rm}
74 \ifRESP@manuscript\hypersetup{colorlinks,allcolors=blue}\else
75   \ifRESP@screen\hypersetup{colorlinks,allcolors=blue}\else
76     \ifRESP@preprint\hypersetup{colorlinks,allcolors=blue}\else
77       \ifRESP@forthcoming\hypersetup{colorlinks,allcolors=blue}\else
78     \hypersetup{hidelinks}\fi\fi\fi\fi
```

The font to use depends on the options. Note that L<sup>A</sup>T<sub>E</sub>X cannot reliably determine whether a binary file like `SabonLTRom.pfb` exists in the system, so we check for the `.fd` file instead (sigh):

```
79 \ifRESP@fontauto
80   \IfFileExists{t1lsb.fd}{\RESP@lsabontrue}{\RESP@lsabonfalse}\fi
```

If the user wants, we load Sabon and URW Garamond. Note that `mathdesign` defines `sc` to be `fsc`, so we need to redefine it for Sabon. Also, it defines `b` to `mb`. so we redefine it again.

```
81 \ifRESP@lsabon
82   \RequirePackage[mdugm]{mathdesign}
83   \RequirePackage[rmdefault]{lsabon}
84   \renewcommand\scdefault{sc}
85   \renewcommand{\bfdefault}{b}
86 \fi
```

Checking the existence of `miih` font metrics:

```
87 %\ifRESP@rpfontauto
88 % \IfFileExists{t1miih.fd}{\RESP@mtshadowtrue}{\RESP@mtshadowfalse}\fi
```

`\rpdefault` This is the font for *Res Philosophica*:

```
89 %\ifRESP@mtshadow
90 % \def\rpdefault{miih}\else
91 % \def\rpdefault{rmdefault}\fi
```

`\AddtoEndMatter` A syntax sugar to add something after signature:

```
92 \def\AddtoEndMatter#1{\g@addto@macro\enddoc@text{#1}}
```

And loading `natbib`:

```
93 \ifRESP@natbib
94   \RequirePackage[round]{natbib}
95   \AtEndDocument{\bibliographystyle{resphilosophica}}
96   \let\RESP@bibliography=\bibliography
97   \def\bibliography#1{\AddtoEndMatter{\RESP@bibliography{#1}}}
```

```

98 \def\bibsection{\par\addpenalty\@secpenalty\addvspace{\bigskipamount}%
99 \noindent \Small References:\par\nobreak\vskip\medskipamount\@afterheading}
100 \def\bibfont{\Small}
101 \fi

```

### 4.3 Page Dimensions and Paragraphing

<p><code>\pdfpaperwidth</code></p> <p><code>\pdfpaperheight</code></p> <p><code>\textwidth</code></p> <p><code>\textheight</code></p> <p><code>\evensidemargin</code></p> <p><code>\oddsidemargin</code></p> <p><code>\topmargin</code></p> <p><code>\listisep</code></p>	<p>Paper:</p> <pre> 102 \ifRESP@manuscript\else 103 \AtBeginDocument{\setlength{\pdfpagewidth}{432bp}% 104 \setlength{\pdfpageheight}{648bp}} 105 \fi </pre> <p>The size of the type block:</p> <pre> 106 \setlength{\textwidth}{318pt} 107 \setlength{\textheight}{540pt} </pre> <p>The margins:</p> <pre> 108 \setlength{\evensidemargin}{-10pt} 109 \setlength{\oddsidemargin}{-26pt} 110 \ifRESP@screen 111 \setlength{\evensidemargin}{-18pt} 112 \setlength{\oddsidemargin}{-18pt} 113 \fi 114 \ifRESP@forthcoming 115 \setlength{\evensidemargin}{-18pt} 116 \setlength{\oddsidemargin}{-18pt} 117 \fi </pre> <p>Top margin</p> <pre> 118 \setlength{\topmargin}{-48pt} </pre> <p>This is the space around lists. <code>amsart</code> defines it as <code>\smallskipamount</code>. We slightly increase it:</p> <pre> 119 \listisep\medskipamount </pre>
---	---

### 4.4 Headers

<p><code>\headsep</code></p> <p><code>\headheight</code></p> <p><code>\headrulewidth</code></p> <p><code>\footrulewidth</code></p>	<p>Separation between the header and the body</p> <pre> 120 \setlength{\headsep}{14pt} </pre> <p>The height of the headers:</p> <pre> 121 \setlength{\headheight}{12pt} </pre> <p>We do not want decorative rules in the journal:</p> <pre> 122 \renewcommand{\headrulewidth}{0pt} 123 \renewcommand{\footrulewidth}{0pt} </pre>
--	--

```

\footskip Separation between the footer and the body
124 \setlength{\footskip}{20pt}

\RESP@printlinecount Do we want to print line count?
125 \newif\ifRESP@printlinecount
126 \RESP@printlinecountfalse
127 \ifRESP@manuscript\RESP@printlinecounttrue\fi
128 \ifRESP@preprint\RESP@printlinecounttrue\fi

\RESP@linecount This is the box displayed in the manuscript mode
129 \ifRESP@printlinecount
130   \newsavebox{\RESP@linecount}
131   \savebox{\RESP@linecount}[4em][t]{\parbox[t]{4em}{%
132     \@tempcnta\@ne\relax
133     \loop{\color{red}\scriptsize\the\@tempcnta}\\
134       \advance\@tempcnta by \@ne\ifnum\@tempcnta<47\repeat}}
135 \fi

    It is easy to set up headers with fancyhdr:
136 \pagestyle{fancy}
137 \fancyhead{}
138 \fancyfoot{}
139 \fancyhead[LE]{\footnotesize\thepage\qquad\itshape\shortauthors}
140 \fancyhead[RO]{\footnotesize\textit{\shorttitle}\qquad\thepage}
141 \ifRESP@printlinecount
142   \fancyhead[LE]{\begin{picture}(0,0)%
143     \put(-26,-22){\usebox{\RESP@linecount}}%
144   \end{picture}\footnotesize\thepage\qquad\itshape\shortauthors}
145   \fancyhead[LO]{\begin{picture}(0,0)%
146     \put(-21,-22){\usebox{\RESP@linecount}}%
147   \end{picture}}
148 \fi
149 \ifRESP@manuscript
150   \fancyfoot[C]{\scriptsize\color{red}Author's Proof}%
151 \fi
152 \ifRESP@preprint
153   \fancyfoot[C]{\scriptsize\color{red}Author's Pre-Print}%
154 \fi

```

The first page has the special headers. The style `firstpage` is invoked by `amsart`; here we just redefine it.

```

155 \fancypagestyle{firstpage}{%
156   \fancyhf{}%
157   \ifRESP@printlinecount
158     \lhead{\begin{picture}(0,0)%
159       \put(-26,-20){\usebox{\RESP@linecount}}%
160     \end{picture}}
161   \fi
162   \ifRESP@preprint

```

```

163 \cfoot{\footnotesize Res Philosophica, \itshape
164 Vol.~\currentvolume, No.~\currentissue,
165 \currentmonth~\currentyear
166 \ifx\@doinumber\@empty\else\\%
167 \doi{\@doinumber}\fi
168 \\
169 \@copyrightnote}%
170 \thead{\scriptsize\color{red}Author's Pre-print. Forthcoming in
171 Res Philosophica. Pagination may change. Published version will
172 be available at \url{http://pdcnet.org/resphilosophica/}}
173 \else
174 \ifRESP@forthcoming
175 \cfoot{\footnotesize Res
176 Philosophica\itshape
177 \ifx\currentvolume\@empty\else, %
178 Vol.~\currentvolume\fi
179 \ifx\currentissue\@empty\else, No.~\currentissue\fi
180 \ifx\currentmonth\@empty
181 \ifx\currentyear\@empty\else, \currentyear\fi
182 \else,
183 \currentmonth~\currentyear
184 \fi
185 \ifx\@doinumber\@empty\else\\%
186 \doi{\@doinumber}\fi
187 \\
188 \@copyrightnote}%
189 \lhead{\raisebox{1.5\bigskipamount}{\z@}\z@{\parbox{\textwidth}{\raggedright\footnotesize
190 \else
191 \cfoot{\footnotesize Res Philosophica, \itshape
192 \itshape Vol.~\currentvolume, No.~\currentissue,
193 \currentmonth~\currentyear, pp.~\start@page--\end@page
194 \ifx\@doinumber\@empty\else\\%
195 \doi{\@doinumber}\fi
196 \\
197 \@copyrightnote}%
198 \fi\fi}

```

## 4.5 Top Matter Macros

Most top matter macros are defined in `amsart`. Here we just add some new macros and redefine some.

The next macros mimic the functionality of `amsart \issueinfo` command. Note that `\issueinfo` still works.

`\volumenumber` This sets the volume of the paper

```

199 \def\volumenumber#1{\def\currentvolume{#1}}
200 \volumenumber{}

```

`\issuenumber` This sets the issue of the paper:

```

201 \def\issuenum#1{\def\currentissue{#1}}
202 \issuenum{}

\publicationyear This sets the year of the paper
203 \def\publicationyear#1{\def\currentyear{#1}}
204 \publicationyear{}

\publicationmonth This sets the month of the paper
205 \newcommand\publicationmonth[2][]{\gdef\currentmonth{#2}%
206   \gdef\abbrevcurrentmonth{#1}%
207   \ifx\abbrevcurrentmonth\empty\gdef\abbrevcurrentmonth{#2}\fi}
208 \publicationmonth{}

\papernumber This is absent from the \issueinfo.
209 \def\papernumber#1{\def\currentpaper{#1}}
210 \papernumber{0000}
211 %
212 % \end{macro}
213 %
214 % \begin{macro}{\manuscriptid}
215 % \changes{v1.29}{2016/08/26}{Added macro}
216 %   Submission id
217 %   \begin{macrocode}
218 \def\manuscriptid#1{\gdef\@manuscriptid{#1}}
219 \manuscriptid{}
220 %
221 % \end{macro}
222 %
223 %
224 % \begin{macro}{\doinumber}
225 % \changes{v1.11}{2012/12/25}{Added default}
226 % \changes{v1.29}{2016/08/26}{Now we use \cs{manuscriptid} to make doi}
227 %   DOI number for the article:
228 %   \begin{macrocode}
229 \def\doinumber#1{\gdef\@doinumber{#1}}
230 \doinumber{\ifx\@manuscriptid\empty
231   10.11612/resphil.\currentyear.\currentvolume.\currentissue.\currentpaper
232   \else
233   10.11612/resphil.\@manuscriptid
234   \fi}

\paperUrl The url to submit to crossref
235 \def\paperUrl#1{\gdef\@paperUrl{#1}}
236 \paperUrl{}

\startpage This defines the starting page of the paper. We have some nice features to set up
roman page numbers for editorial stuff—probably not needed for this journal at
this time. . .
237 \def\startpage#1{\pagenumbering{arabic}\setcounter{page}{#1}%

```

```

238 \def\start@page{#1}%
239 \ifnum\c@page<\z@ \pagenumbering{roman}\setcounter{page}{-#1}%
240 \def\start@page{\romannumeral#1}%
241 \fi}

\endpage This macro again has a twist in it: if the argument is not set, it calculates the last
page number itself.
242 \def\endpage#1{\def\@tempa{#1}%
243 \ifx\@tempa\@empty\def\end@page{\pageref{LastPage}}}%
244 \else\def\end@page{#1}\fi}

\pagespan This macro is different from the one provided by amsart because we want to have
the option of automatic calculation of the last page number.
245 \def\pagespan#1#2{\startpage{#1}\endpage{#2}}
246 \pagespan{1}{-}

\articleentry This is necessary for \prevpaper command. We read the TOC entry from the
previous paper and increment it by 1. Note that we always start with on an odd
page, since the additional check
247 \def\articleentry#1#2#3#4{\@tempcnta=#4\relax
248 \advance\@tempcnta by 1\relax
249 \ifodd\the\@tempcnta\else\advance\@tempcnta by 1\relax\fi
250 \startpage{\the\@tempcnta}}

\prevpaper This sets the previous paper location and reads the information from the previous
paper
251 \def\prevpaper#1{\IfFileExists{#1.rpi}{%
252 \ClassInfo{resphilosophica}{%
253 Reading first page number from the file #1.rpi}%
254 \input{#1.rpi}%
255 }{\ClassWarning{resphilosophica}{Cannot find the file #1.rpi.
256 Did you run latex on the previous paper?}}}

abstract We slightly redefine abstract comparing to amsart conventions:
257 \renewenvironment{abstract}{%
258 \ifx\maketitle\relax
259 \ClassWarning{resphilosophica}{Abstract should precede
260 \protect\maketitle\space in AMS derived classes}%
261 \fi
262 \global\setbox\abstractbox=\vtop\bgroup%
263 \vglue1pc%
264 \list{}{\labelwidth\z@%
265 \leftmargin3pc \rightmargin\leftmargin%
266 \listparindent\normalparindent \itemindent\z@%
267 \parsep\z@ \@plus\p@%
268 \let\fullwidthdisplay\relax%
269 }%
270 \item[]\normalfont\normalsize\textbf{\abstractname:}\space
271 }{%

```



```

272 \endlist\egroup%
273 \ifx\@setabstract\relax\@setabstracta\fi%
274 }

\copyrightyear This is the copyright year in case it does not coincide with the publication year:
275 \def\copyrightyear#1{\def\@copyrightyear{#1}}
276 \ifRESP@forthcoming
277 \copyrightyear{\the\year}\else
278 \copyrightyear{}\fi

\onlinedate Online date for forthcoming issues
\@onlinedate 279 \def\onlinedate#1{\gdef\@onlinedate{#1}}
280 \onlinedate{\hspace*{5em}}

\RESP@bulletboxwidth This is the width of a box with a bullet for copyright note:
281 \newlength\RESP@bulletboxwidth
282 \settowidth\RESP@bulletboxwidth{\quad\textbullet\quad}

\copyrightnote This is the copyrightnote. The default has some trickery with the year and short
authors.
The disappearing bullet is based on the trick by Marcin Wolinński, who noted
that \cleaders are discardable (see [4]).
283 \def\copyrightnote#1{\def\@copyrightnote{#1}}
284 \copyrightnote{\textcopyright~%
285 \ifx\@empty\@copyrightyear\currentyear\else\@copyrightyear\fi~%
286 \shortauthors\cleaders\hbox{\quad\textbullet\quad}\hskip\RESP@bulletboxwidth
287 \textcopyright~%
288 \ifx\@empty\@copyrightyear\currentyear\else\@copyrightyear\fi~%
289 {\upshape Res~Philosophica}}%

\author The base class puts into \addresses the strange line \author{}. We correct this:
290 \renewcommand{\author}[2][]{%
291 \ifx\@empty\addresses
292 \gdef\addresses{\author{#2}}%
293 \else
294 \g@addto@macro\addresses{\author{#2}}%
295 \fi
296 \ifx\@empty\authors
297 \gdef\authors{#2}%
298 \else
299 \g@addto@macro\authors{\and#2}%
300 \fi
301 \@ifnotempty{#1}{%
302 \ifx\@empty\shortauthors
303 \gdef\shortauthors{#1}%
304 \else
305 \g@addto@macro\shortauthors{\and#1}%
306 \fi
307 }%

```

```

308 }
309 \edef\author{\@nx\@dblarg
310   \@xp\@nx\csname\string\author\endcsname}

\titlenote This command adds an entry to the list of titlenotes
311 \def\@titlenotes{%
312 \def\titlenote#1{%
313   \ifx\@empty\@titlenotes\gdef\@titlenotes{\footnote{#1}}%
314   \else\g@addto@macro\@titlenotes{\footnote{#1}}\fi}

\authornote This command adds an entry to the list of titlenotes
315 \def\@authornotes{%
316 \def\authornote#1{%
317   \ifx\@empty\@authornotes\gdef\@authornotes{\footnote{#1}}%
318   \else\g@addto@macro\@authornotes{\footnote{#1}}\fi}

```

## 4.6 Typesetting Top Matter

```

\@settitle We do not uppercase title. Also, we use this occasion to set PDF information:
319 \def\@settitle{\begin{center}%
320   \baselineskip20\p@\relax
321   \LARGE\scshape
322   \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
323   \ifx\itscshape\@undefined\else\def\em{\itscshape}\fi
324   \@title\@titlenotes
325   \hypersetup{pdftitle=\@title}%
326   \end{center}%
327 }

\@setauthors Now we typeset authors according to our specs. Again, we use this occasion to
set some PDF information:
328 \def\@setauthors{%
329   \ifx\authors\@empty\relax\else
330     \begingroup
331     \def\thanks{\protect\thanks@warning}%
332     \trivlist
333     \centering\footnotesize \@topsep30\p@\relax
334     \advance\@topsep by -\baselineskip
335     \item\relax
336     \def\@and{{and}}
337     \author@andify\authors
338     \hypersetup{pdfauthor=\authors}%
339     \def\{\{\protect\linebreak\}%
340     \renewcommand\thefootnote{\@fnsymbol\c@footnote}%
341     \large\normalfont\authors\@authornotes
342     \endtrivlist
343     \endgroup
344     \fi}

```

`\maketitle` We redefine `\maketitle`—mostly to prevent uppercasing of `shorttitle` and to write down the journal information:

```

345 \def\maketitle{\par
346   \@topnum\z@ % this prevents figures from falling at the top of page 1
347   \@setcopyright
348   \thispagestyle{firstpage}% this sets first page specifications
349   \ifx\@empty\shortauthors \let\shortauthors\shorttitle
350   \else \andify\shortauthors
351   \fi
352   \@maketitle@hook
353   \RESP@write@paper@info
354   \begingroup
355   \@maketitle
356   \toks@{\xp{\shortauthors}\@temptokena\xp{\shorttitle}}%
357   \toks4{\def\{\ \ignorespaces}}% defend against questionable usage
358   \edef\@tempa{%
359     \@nx\markboth{\the\toks4
360       \@nx\MakeUppercase{\the\toks@}}{\the\@temptokena}}%
361   \@tempa
362   \endgroup
363   \c@footnote\z@
364   \everypar{\setbox\z@\lastbox\everypar{}}%
365 }
```

`\@maketitle` We delete top space introduced by `amsart`:

```

366 \def\@maketitle{%
367   \normalfont\normalsize
368   \@adminfootnotes
369   \@mkboth{\@nx\shortauthors}{\@nx\shorttitle}%
370   \@settitle
371   \ifx\@empty\authors \else \@setauthors \fi
372   \ifx\@empty\@dedicatory
373   \else
374     \baselineskip18\p@
375     \vtop{\centering{\footnotesize\itshape\@dedicatory\@par}}%
376     \global\dimen@i\prevdepth\prevdepth\dimen@i
377   \fi
378   \@setabstract
379   \normalsize
380   \if@titlepage
381     \newpage
382   \else
383     \dimen@34\p@ \advance\dimen@-\baselineskip
384     \vskip\dimen@relax
385   \fi
386 } % end \@maketitle
```

`\@mainrpi` The stream for the `rpi` file:

```

387 \newwrite\@mainrpi
```

`\RESP@write@paper@info` This writes the information about the paper into the file `jobname.rpi`. Note that `hyperref` makes our life a little bit more complex

```

388 \def\RESP@write@paper@info{%
389   \bgroup
390   \if@files
391     \openout\@mainrpi\jobname.rpi%
392     \write\@mainrpi{\relax}%
393     \ifx\r@LastPage\@undefined
394       \edef\@tempa{\start@page}%
395     \else
396       \def\@tempc##1##2##3##4##5{##2}%
397       \edef\@tempa{\expandafter\@tempc\r@LastPage}%
398     \fi
399     \def\and{\string\and\space}%
400     \protected@write\@mainrpi{%
401       {\string\articleentry{\authors}{\@title}{\start@page}{\@tempa}}%

```

The next lines are for crossref software

```

402   \protected@write\@mainrpi{%
403     {\@percentchar authors=\authors}%
404   \protected@write\@mainrpi{%
405     {\@percentchar title=\@title}%
406   \protected@write\@mainrpi{%
407     {\@percentchar year=\currentyear}%
408   \protected@write\@mainrpi{%
409     {\@percentchar volume=\currentvolume}%
410   \protected@write\@mainrpi{%
411     {\@percentchar issue=\currentissue}%
412   \protected@write\@mainrpi{%
413     {\@percentchar paper=\currentpaper}%
414   \protected@write\@mainrpi{%
415     {\@percentchar startpage=\start@page}%
416   \protected@write\@mainrpi{%
417     {\@percentchar endpage=\@tempa}%
418   \protected@write\@mainrpi{%
419     {\@percentchar doi=\@doinumber}%
420   \ifx\@paperUrl\@empty\else
421     \protected@write\@mainrpi{%
422       {\@percentchar paperUrl=\@paperUrl}%
423   \fi
424   \closeout\@mainrpi
425   \fi
426 \egroup}

```

`\@adminfootnotes` We just define this to noop:

```

427 \def\@adminfootnotes{}

```

`\@cleartopmattertags` We typeset thankses at the end of the paper so we do not clear them:

```

428 \def\@cleartopmattertags{%
429   \def\do##1{\let##1\relax}%

```

```

430 \do\maketitle \do\@maketitle \do\title \do\@xtitle \do\@title
431 \do\author \do\@xauthor \do\address \do\@xaddress
432 \do\contrib \do\contribs \do\@xcontribs \do\@toccontribs
433 \do\email \do\@xemail \do\curraddr \do\@xcurraddr
434 \do\commby \do\@commby
435 \do\dedicatory \do\@dedicatory \do\thanks
436 \do\keywords \do\@keywords \do\subjclass \do\@subjclass

```

`\sf@size` It seems there is a bug in mdugm when calculating `\sf@size`. Here we work around it:

```

437 \def\sf@size{7}%
438 }

```

## 4.7 Notes

`\notes` This is like bibliography:

```

439 \definecollection{notes}
440 \newenvironment{notes}[1]{%
441 \@nameuse{collect}{notes}{-}{-}%
442 \makeatletter
443 \par\addpenalty\@secpenalty\addvspace{\bigskipamount}%
444 \noindent \Small #1:\par\nobreak\vskip\medskipamount\@afterheading
445 \makeatother
446 }{\@nameuse{endcollect}\AddtoEndMatter{\includecollection{notes}}}

```

## 4.8 Typesetting End Matter

End matter is typeset at the end of the paper.

`\if@enddoc` Check whether we are in the end matter

```

447 \newif\if@enddoc
448 \@enddocfalse

```

`\enddoc@text` We put thankses into end matter. Also, we redefine bibliography back to the original definition in case someone writes `\AddtoEndMatter{\bibliography{}}`

```

449 \def\enddoc@text{%
450 \@enddoctrue\def\bibliography{\RESP@bibliography}%
451 \ifx\@empty\thankses\else
452 \bgroup
453 \let\@makefnmark\relax
454 \let\@thefnmark\relax

```

Check, whether we are at the same page as the last footnote; if yes, add medskip.

```

455 \ifx\lastfootnote@page\undefined\else
456 \@tempcnta=\lastfootnote@page\relax
457 \ifnum\c@page=\@tempcnta\relax
458 \insert\footins{\medskip}%
459 \fi
460 \fi

```

```

461 \@footnotetext{%
462   \def\par{\let\par\@par}\textbf{Acknowledgments\quad} \@setthanks}%
463 \egroup
464 \fi
465 \ifx\@empty\@translators \else\@settranslators\fi
466 \ifx\@empty\addresses \else\@setaddresses\fi}

\ifRESP@firstingroup A group of authors is separated by a skip from another group. This macro checks
whether this is the first one
467 \newif\ifRESP@firstingroup

\emailaddrname The name for e-mail address:
468 \def\emailaddrname{E-mail}

\@setaddresses Unlike aomart, we want to preserve author's name in the address block. Also, we
want to keep linebreaks and to have clickable e-mail and URL.
We want to skip between the author groups (several authors with the same
affiliation), so we check whether the previous line contains another author:
469 \def\@setaddresses{\par
470   \nobreak \beginingroup\flushright\clubpenalty\@MM\interlinepenalty\@MM
471   \widowpenalty\@MM
472   \RESP@firstingroupttrue
473 \Small
474   \def\author##1{\nobreak\ifRESP@firstingroup\par
475     \addvspace\bigskipamount\penalty-1000\fi
476     \RESP@firstingrouptfalse##1\par\nobreak}%
477   \parindent\z@
478   \def\address##1##2{\RESP@firstingroupttrue\beginingroup
479     \par\nobreak
480     \@ifnotempty{##1}{(\ignorespaces##1\unskip) }%
481     {\ignorespaces##2}\par\endgroup}%
482   \def\curraddr##1##2{\RESP@firstingroupttrue\beginingroup
483     \@ifnotempty{##2}{\nobreak\indent\curraddrname
484       \@ifnotempty{##1}{, \ignorespaces##1\unskip}\hskip0.2em:\space
485       ##2\par}\endgroup}%
486   \def\email##1##2{\RESP@firstingroupttrue\beginingroup
487     \@ifnotempty{##2}{\nobreak\indent\emailaddrname
488       \@ifnotempty{##1}{, \ignorespaces##1\unskip}\hskip0.2em:\space
489       \href{mailto:##2}{\nolinkurl{##2}}\par}\endgroup}%
490   \def\urladdr##1##2{\RESP@firstingroupttrue\beginingroup
491     \@ifnotempty{##2}{\nobreak\indent
492       \@ifnotempty{##1}{, \ignorespaces##1\unskip}%
493       \url{##2}\par}\endgroup}%
494   \addresses
495   \endgroup
496 }
```

At the end we eject the last page. If the document is printed and the last page is odd, we add an empty page.

```

497 \AtEndDocument{\clearpage
498   \ifRESP@manuscript\else
499   \ifRESP@screen\else
500   \ifRESP@preprint\else
501   \ifRESP@forthcoming\else
502   \cleardoublepage
503   \fi\fi\fi\fi}

```

## 4.9 Sectioning

`\@secntformat` We do not want our numbers to be upright and medium series, as `amsart` wants:

```

504 \def\@secntformat#1{%
505   \csname the#1\endcsname\enspace
506 }

```

`\section` We want our sections to be large and bold:

```

507 \renewcommand\section{\@startsection{section}{1}{\z@}%
508                                     {-3.5ex \@plus -1ex \@minus -.2ex}%
509                                     {2.3ex \@plus .2ex}%
510                                     {\normalfont\large\bfseries}}

```

`\subsection` Subsections are bold

```

511 \renewcommand\subsection{\@startsection{subsection}{2}{\z@}%
512                                     {-3.25ex \@plus -1ex \@minus -.2ex}%
513                                     {1.5ex \@plus .2ex}%
514                                     {\normalfont\normalsize\bfseries}}

```

`\subsubsection` Subsubsections are normalsize and italic

```

515 \renewcommand\subsubsection{\@startsection{subsubsection}{3}{\z@}%
516                                     {-3.25ex \@plus -1ex \@minus -.2ex}%
517                                     {1.5ex \@plus .2ex}%
518                                     {\normalfont\normalsize\itshape}}

```

`\paragraph` Paragraphs:

```

519 \renewcommand\paragraph{\@startsection{paragraph}{4}{\z@}%
520                                     {3.25ex \@plus 1ex \@minus .2ex}%
521                                     {-1em}%
522                                     {\normalfont\normalsize\bfseries}}

```

`\subparagraph` Paragraphs:

```

523 \renewcommand\subparagraph{\@startsection{subparagraph}{5}{\parindent}%
524                                     {3.25ex \@plus 1ex \@minus .2ex}%
525                                     {-1em}%
526                                     {\normalfont\normalsize\bfseries}}

```

## 4.10 Additional Commands

`\@mparswitch` We always put marginpars on the right since the line box is on the left

```
527 \@mparswitchfalse
```

`\EditorialComment` This macro is noop in normal mode, but is a tiny marginpar in the manuscript mode

```
528 \newcommand\EditorialComment[2][0]{%
529   \expandafter\ifx\csname EditorialComment@#1\endcsname\relax
530   \else\bgroup
531   \marginparwidth=200pt\marginpar{\color{red}%
532     \raggedright#2}\egroup\fi}
```

`\ECSelect` This selects the given levels

```
533 \def\ECSelect#1{\ifRESP@manuscript
534   \@for\EC@level:=#1\do{%
535     \expandafter\gdef\csname
536       EditorialComment@EC@level\endcsname{\EditorialComment}}%
537   \fi}
```

`\TC` The command to highlight text if the corresponding level is selected. The first argument is the level, the second is text.

```
538 \newcommand\TC[2][0]{%
539   \expandafter\ifx\csname TC@highlight@#1\endcsname\relax#2\else
540   \csname TC@highlight@#1\endcsname{#2}\fi}
```

`\TCSelect` This switches on the selected levels in the manuscript version

```
541 \newcommand\TCSelect[2][magenta]{\ifRESP@manuscript
542   \@for\TC@level:=#2\do{\expandafter
543     \gdef\csname TC@highlight@TC@level\endcsname##1{\bgroup
544       \Hy@colorlinksfalse
545       \def\Hy@colorlink####1{\begingroup}%
546       \def\Hy@endcolorlink{\endgroup}%
547       \color{#1}##1\egroup}}%
548   \fi}
```

`\doi` Typesetting doi...

```
549 \def\doi#1{\url{https://doi.org/#1}}
```

`\@makefnmark` The definition of `\@makefnmark` in `amsart` has a bug. Here we return to the L<sup>A</sup>T<sub>E</sub>X one:

```
550 \def\@makefnmark{\hbox{\@textsuperscript{\normalfont\@thefnmark}}}
```

`\@makefntext` Unlike `amsart`, we do not indent footnotes:

```
551 \def\@makefntext{\noindent\@makefnmark
552   \if@enddoc\else
553     \immediate\write\@mainaux%
554     {\string\xdef\string\lastfootnote@page{\the\c@page}}%
555   \fi}
```



```

556 \long\def\@footnotetext#1{%
557   \insert\footins{%
558     \normalfont\footnotesize
559     \interlinepenalty\interfootnotelinepenalty
560     \splittopskip\footnotesep \splitmaxdepth \dp\strutbox
561     \floatingpenalty\@MM \hsize\columnwidth
562     \@parboxrestore \parindent\normalparindent \sloppy
563     \protected@edef\@currentlabel{%
564       \csname p@footnote\endcsname\@thefnmark}%
565     \@makefnmark{\%
566       \rule{.5\columnwidth}{.4pt}}

```

## 4.11 The End

Philosophers love footnotes, since `\raggedbottom`

```

567 \raggedbottom\normalsize\normalfont
568 \end{class}

```

## References

- [1] Boris Veytsman. *Support files for the Linotype Sabon Fonts*, August 2015. <http://mirrors.ctan.org/fonts/lsabon/>.
- [2] Patrick W. Daly. *Natural Sciences Citations and References (Author-Year and Numerical Schemes)*, February 2009. <http://mirrors.ctan.org/macros/latex/contrib/natbib>.
- [3] American Mathematical Society. *Instructions for Preparation of Papers and Monographs, AMS $\LaTeX$* , August 2004. <http://mirrors.ctan.org/macros/latex/required/amslatex/classes/instr-1.pdf>.
- [4] Paweł Jackowski.  $\TeX$  beauties and oddities. *TUGboat*, 29:207–215, 2008. <http://www.tug.org/TUGboat/tb29-1/tb91pearls.pdf>.

## Change History

v1.1		\volumenumber: The default is now empty . . . . . 14
\@maketitle: Redefined macro . . . 19		General: Changed check for line numbering mode . . . . . 13
\@mparswitch: Changed default . . 24		New command: titlenote . . . . . 1
\@setauthors: Changed font . . . 18		New options: preprint and forthcoming . . . . . 1
\EditorialComment: Added macro 24		
\RESP@write@paper@info: Added protection for \ . . . . . 20		
\doi: Added macro . . . . . 24	v1.14	\sf@size: Bug corrected . . . . . 21
\ifRESP@mtshadow: Added macro . 9	v1.15	General: Added new bibliography command . . . . . 1
\ifRESP@rpfontauto: Added macro . . . . . 9	v1.16	\@makefntext: Added small space after footnote mark . . . . . 24
\rpdefault: Added macro . . . . . 11		\@onlinedate: Added macro . . . 17
\section: Moved to LaTeX defaults . . . . . 23		\TC: Added macro . . . . . 24
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