The \texttt{aipproc} class v1.5 (6 x 9 in version) for \LaTeX\ 2\epsilon

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Abstract. This guide describes the functionality and use of the \texttt{aipproc} class by explaining its extensions and restrictions compared to the \texttt{article} class of standard \LaTeX. It is not a manual to be used on its own but should be used together with an introductory manual on \LaTeX\ such as \cite{7}. This version of the guide covers only the features needed to produce papers for AIP Conference Proceedings 6in x 9in single column.

Keywords: \texttt{aipproc} class, documentation, \LaTeX

PACS: ???

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\section*{GENERAL OVERVIEW}

The \texttt{aipproc} class is a \LaTeX\ 2\epsilon document class for conference proceedings of the American Institute of Physics and other documents with similar layout requirements. Your file will be used to reproduce your paper as is, the only modifications done by the publisher are adding appropriate page numbers and the copyright line. It is therefore essential that you embed all fonts when saving your file.

This version of the guide explains how to use the class when producing papers for AIP Conference Proceedings 6in x 9in single column format\textsuperscript{1}.

The class provides essentially the same markup as implemented by \LaTeX\’s standard \texttt{article} class. In addition to this it implements the following:

\begin{itemize}
\item extended set of front matter commands,
\item automatic placement of floats into column or page areas including turning of table floats by 90° if necessary,
\item allows mixing column and page-wide floats without getting the numbering out of sync,
\item footnotes will appear below bottom floats,
\item extended set of citation commands if the \texttt{natbib} system is installed,
\item support for table notes,
\item support for textual page references like “on the next page”.
\end{itemize}

Due to the extended functionality an article written for \LaTeX\’s standard \texttt{article} class might need adjustments in the following places before it can be used with the

\footnote{For a complete description of all class features see the file aipguide-generic.pdf.}
aipproc class (a more detailed description is given in later sections):

- In the preamble, since the aipproc class requires a `\layoutstyle` declaration.
- In the front matter, since the aipproc class uses an extended set of title/author declarations.
- In the body of floats, since the aipproc class only allows a single `\caption` command and processes the body in horizontal mode.

**CHECKING YOUR LATEX DISTRIBUTION**

To ensure that your installation of LaTeX contains everything necessary to successfully use the aipproc class, run the file `aipcheck.tex` through LaTeX, e.g.,

```
latex aipcheck
```

It will try to determine if everything necessary is available and if not, will make recommendations what can be done about it. In certain cases you might be able to use the class if you follow the suggestions, in other cases the only solution is to upgrade your LaTeX installation.

Unfortunately it is impossible to check for all potential problems. If `aipcheck.tex` claims everything is fine, but you nevertheless have difficulties, consult the “Frequently Asked Question” (FAQ.txt) and the readme file in the distribution.

**CLASS DETAILS**

**Selecting the target layout**

The class supports different layouts. These are selected by placing a `\layoutstyle` declaration in the preamble of the document.

```
\layoutstyle{layout name}
```

This command is required. When producing an article for the AIP Conference Proceedings 6in x 9in single column format the declaration should be `\layoutstyle{6x9}`.

**Supported options**

As the class is based on the article class of standard LaTeX all reasonable\footnote{Reasonable means not conflicting with fixed requirements for the AIP class, e.g., as this class requires 10pt body size option `11pt` and `12pt` automatically. In addition there are a number of options unique to the aipproc class.} options of this class are supported.

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Directs the class to use MathTime Professional fonts for math by loading the `mtpro` package. These fonts are commercial (the successors to the MathTime fonts from the previous option) so that this option will not work if you don’t own them. If this option is chosen one can also use the options for this package as global options to the class.

`nomathfonts` Directs the class not to set up math fonts (which means using the installation default which is usually Computer Modern). This option is intended in case a special math font setup is loaded in the document preamble.

`cmfonts` Directs the class to use standard Computer Modern fonts for math and text. This does not conform to the specification for this class and is intended for draft preparation in environments where the required fonts are unavailable.

### Textual references

The next options enable textual references; if this is desired select one of them:

`varioref` Loads the `varioref` package (see §p.68ff) allowing to produce textual page references. See section on Cross-references on the following page for details.

`nonvarioref` Disables the \ref{textvario} command so that the strings produced by \textvario commands will not depend on the number of references seen so far. Implies the varioref option.

### Table note markers

Notes to tables can be influenced as follows:

`tnotealph` Produce raised lower case alphabetic marks to indicate table notes.

`tnotesymbol` Use footnote symbols to indicate table notes (default).

### Heading numbers

Heading numbers can be turned on or off with the following two options:

`numberedheadings` Headings are numbered.

`unnumberedheadings` Headings are unnumbered (default).

---

Finally there is one standard `article` class option which has its functionality extended:

`draft` Allows `\tableofcontents` and similar commands to work without error message (during development of article). It marks overfull boxes and also provides page numbers in the printout.

Remove this option when producing the final paper.

### Front matter

The class supports an extended set of front matter commands. These commands differ from those used by standard `\LaTeX`'s `article` class. Thus, if an article already written is adapted to be used with the `aipproc` class, the front matter has to be modified somewhat.

Some of the commands below are required only for certain proceedings. Declarations that are not required will be silently ignored.

```
\title[short title]{title text}
```

In standard `\LaTeX` this command has no optional argument. In the `aipproc` class one can specify an abbreviated title text which is used, for example, in the running footer in draft mode.

```
\author{author name}{author information}
```

In standard `\LaTeX` this command had only one argument containing both author name and address information. In this class it has two arguments and the second argument contains data structured using key/value pairs separated by commas.

For example, the authors of this paper have been specified as:

```
\author{F. Mittelbach}{
    address={Zedernweg 62, Mainz},
    email={frank.mittelbach@latex-project.org}}
\author{D. P. Carlisle}{
    address={Willow House, Souldern},
    email={david@dcarlisle.demon.co.uk}}
```

AIP Conference Proceedings 6in x 9in single column makes use of the values of the keywords `address` and `altaddress`. The `key` `email` is accepted but ignored. If an author has more than one address, specify the primary address in the `address` key and the secondary address in `altaddress` (see also template example). More than two addresses are not supported.
In contrast to standard \LaTeX{} the abstract environment has to appear before the \texttt{\maketitle} command.

\texttt{\maketitle}

This command inserts the actual front matter data. It has to follow the above declarations.

\textbf{Multiple authors}

Multiple authors are entered by specifying one \texttt{\author} command per author. Care needs to be taken when specifying shared addresses: they have to be absolutely identical. Depending on the chosen layout the class will merge such addresses but will recognize them only as identical, if the input including spaces is the same!

The \texttt{\and} command as defined in the \texttt{article} class to separate multiple authors is not supported.

\texttt{\date{date}}

The \texttt{article} class provides the \texttt{\date} command which is not used by \texttt{aipproc} class. If supplied it will be ignored unless the \texttt{draft} option is specified in which case it will show up in a footer line together with the title and the page number to ease document development.

\textbf{Dates}

\textbf{Other front matter commands}

The \texttt{\tableofcontents}, \texttt{\listoffigures}, and \texttt{\listoftables} commands are provided but produce (beside output) an error message unless the \texttt{draft} option was selected. This is done since the \texttt{aipproc} class does not support page numbering and thus the above commands essentially produce incorrect data.

\textbf{Headings}

The \texttt{aipproc} class officially supports three heading levels, i.e., \texttt{\section}, \texttt{\subsection}, and \texttt{\subsubsection}.

It also supports the commands \texttt{\paragraph} and \texttt{\subparagraph} although the latter heading levels are not part of the \texttt{aipproc} class specification and are therefore discouraged.

\textbf{Cross-references}

Cross-references to page numbers are not possible with the \texttt{aipproc} class as the page numbers are determined after production. For this reason the \texttt{\pageref} command of \LaTeX{} is disabled by default.

Since headings in most layouts do not carry numbers they can’t be referenced either.

References to tables, figures, and equations are possible using the \LaTeX{} commands \texttt{\label} and \texttt{\ref}. However if the class option \texttt{varioref} or \texttt{nonvarioref} is used, references to page numbers are possible again as they will generate textual references of the form “on the following page” or “on an earlier page” etc. The produced strings are customizable as described in detail in the \texttt{varioref} package documentation or in [5, p.68ff].

The class defaults are as follows and can be changed with \texttt{\renewcommand} in the document preamble. The \texttt{varioref} package normally distinguishes between reference to facing pages and references to pages that need turning over using different strings in these cases. However, since with \texttt{aipproc} class page numbers are not determined at the time of production no assumption can be made that page \texttt{x} and \texttt{x+1} actually fall onto the same double spread. For this reason the defaults used here do not produce strings containing the word “facing” or “opposite”.

\renewcommand\reftextfaceafter{on the next page}
\renewcommand\reftextfacebefore{on the \reftextvario{previous} page}
\renewcommand\reftextafter{on the \reftextvario{next} page}
\renewcommand\reftextbefore{on the \reftextvario{previous} page}
\renewcommand\reftextcurrent{on \reftextvario{this} page}

Normally, text for references which are “far away” are produced using \texttt{\reftextfaraway} in \texttt{varioref}. However, to produce textual references without referring to actual page numbers even in this case, this command was hijacked in the \texttt{aipproc} class and redefined to de-
termine whether or not this is a reference to some earlier or later page. So instead of changing this command the class provides the following two commands for customization:

\renewcommand\reftextearlier
 {\reftextvario{on an earlier page}{earlier on}}
\renewcommand\reftextlater
 {\reftextvario{latter on}{further down}}

To illustrate the result of this package all references in this document are made using \vref or \vpageref, e.g., references to Figure [2] further down and Figure [1] These commands work best if used only for important references. Be careful when using them several times close to each other as the automatically generated texts then may sound strange (as they do in the example in this paragraph).

\eqref{label}

For reference to equation numbers \eqref can be used instead of the standard \ref command. The \eqref command will automatically add any frills required by the layout style, while \ref will only typeset the plain number. In the AIP Conference Proceedings 6in x 9in single column format it will print “(1)” while \ref would result in “1”.

\caption{An illustration taken from\cite{A-W:MG04}}
\label{fig:a}
\end{figure}

resulting in figure [1]

Floats

Floats are objects which do not have to stay in sync with the running text but are allowed to move from their original place to some other position where they fit better for page breaking reasons. Such objects they are typically numbered so that they can be referenced from within the running text.

\LaTeX by default supports two float types: figures and tables. These float types are also supported by the aipproc class although their internal implementation is quite different resulting in a number of important differences in behavior.

- The position of the float caption is determined automatically, independently of the placement of the caption command within the float body.
- In case of a table the whole object (including its caption) might be rotated automatically if its exceeds \textwidth.
- The body of the float environments are processed in L-R mode and not in paragraph mode as in standard \LaTeX. This is necessary for measuring its width. Thus if paragraph mode is needed one has to put

\begin{figure}[!b]
\resizebox{.7\columnwidth}{!}{
{\includegraphics{escher}}

\source{Guy Shaw}
\caption{An illustration taken from\cite{A-W:MG04}}
\label{fig:a}
\end{figure}


3 There exist packages that extend the number of float types. (This information is given as a footnote to show that footnotes in this class come out below a bottom float.)
a minipage environment of the appropriate width (e.g., \textwidth) into the body.

- Only one \caption command per float is allowed.

**Figures**

For the AIP 6in x 9in format the entire paper will be reduced 15% in the printing process. Please make sure all figures as well as the text within the figures are large enough in the manuscript to be readable in the finished book.

\begin{figure}[pos]
Like with standard \LaTeX{} the optional \texttt{pos} argument can be used to specify into which float areas this float is allowed to migrate (default is \texttt{tbp}).

\begin{source}[text]
Command to specify the origin of the picture shown. The \texttt{text} will be printed in small italics below the illustration. (The use of this command is discouraged.)

A typical example of a figure float would be

\begin{figure}
\resizebox{.8\textwidth}{!}{}
\caption{PostScript example taken from \cite{A-W:MG04}}
\label{fig:b}
\source{F. Mittelbach}
\end{figure}

The result is shown in Figure 2 on the following page.

\begin{spaceforfigure}[horizontal] [vertical]
If the illustration is to be manually pasted into the final document one can leave the right amount of space by using this command as follows:

\begin{figure}
\spaceforfigure{2in}{1cm}
\caption{Caption for a figure to be pasted in later}
\label{fig:3}
\source{F. Mittelbach}
\end{figure}

All standard \TeX{} units can be used to specify the space needed. The above example make room for an illustration that is two inches wide and one centimeter high. The result is shown as Figure 3 on the next page.

**Tables**

\begin{table}[pos]
Like with standard \LaTeX{} the optional \texttt{pos} argument can be used to specify into which float areas this float is allowed to migrate (default is \texttt{tbp}).

Typically the body of the environment would consist of a \texttt{tabular} environment responsible for producing the actual table including the table and stub headers.

\begin{tablehead}[cols]{h-pos}{v-pos}{heading text}
To ease the production of tables the command \texttt{tablehead} is provided which is essentially an abbreviation for a \texttt{multicolumn} command that additionally boldens its text argument. I.e., \texttt{cols} specifies the number of columns the \texttt{heading text} should span and \texttt{h-pos} defines the horizontal positioning of the text of the column(s), e.g., l, c, or p\{dots\}. In contrast to a simple \texttt{multicolumn} command the \texttt{heading text} can be split vertically by using \texttt{\ \} to denote the line breaks. The \texttt{v-pos} argument should contain either t, c, or b denoting the vertical placement of the text in relation to other cells of that row. It is only relevant if the \texttt{heading text} consists of more than one line. See the example table below that demonstrates the use of this command.

\begin{source}[text]
Command to specify the origin of the data given in the table. The \texttt{text} will be printed in small italics below the table. (The use of this command is discouraged.)

\begin{tablenote}[text]
Command to produce a note to the table. It can only be used within a \texttt{table} environment and should be used only at the right end of a table cell. The command produces a raised footnote symbol at the place used which sticks into the right margin. As far as \LaTeX{} is concerned this symbol does not occupy any space. Thus is will not modify the alignment of table columns. The \texttt{text} will appear below the table.

In the current release notes to \texttt{\caption} or \texttt{\source} are not possible.

\begin{tablenote*}[text]
Like \texttt{\tablenote} but this time the raised footnote symbol will occupy space. This version is intended to be used in the middle of cells.

An example showing the use of all commands described above is shown in Table 1 on the next page. It was produced by the following input:

\begin{table}
TABLE 1. Average turnover per shop: by type of retail organisation

<table>
<thead>
<tr>
<th></th>
<th>Single outlet</th>
<th>Small multiple</th>
<th>Large multiple</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1982</td>
<td>98</td>
<td>129</td>
<td>620</td>
<td>847</td>
</tr>
<tr>
<td>1987</td>
<td>138</td>
<td>176</td>
<td>1000</td>
<td>1314</td>
</tr>
<tr>
<td>1991</td>
<td>173</td>
<td>248</td>
<td>1230</td>
<td>1651</td>
</tr>
<tr>
<td>1998*</td>
<td>200</td>
<td>300</td>
<td>1500</td>
<td>2000</td>
</tr>
</tbody>
</table>

\footnotesize{Source: Central Statistical Office, UK}

\footnotesize{\textsuperscript{a} 2-9 retail outlets
\textsuperscript{b} predicted}

Vertical spacing between horizontal lines produced from \hline inside a tabular environment is controlled by the length parameter \hlinesep in this class. The default value (1pt) gives one point extra space above such lines and three times as much (i.e. 3pt) extra space below. This is done to implement the layout requirements for tables in the AIP proceedings (which are not supposed to have vertical lines in the tables). If tables with vertical lines are necessary for some reason, then the value of this parameter should be set to 0pt either globally for the whole document or locally within the table environment. Otherwise the vertical lines will have strange gaps whenever a \hline command is used to produce a horizontal line.

Counters

The \alph and \fnsymbol commands to represent counter values have extended ranges. For example \alph will now count up to 52 (zz) and the \fnsymbol command will produce the following symbols *, †, ‡, §, ¶, ††, ‡‡, §§, ¶¶, ***, †††, ‡‡‡, §§§, and ¶¶¶. This will allow for up to 16 table notes per table. For documents that need a larger number of table notes select the option tnotealph to switch to lower case alphabetic letters to mark such notes.

Long tables

Tables which are longer than one page cannot be placed into a \table environment as floats cannot have a size larger than a page. Such tables are supported by the standard \LaTeX package longtable written by David Carlisle. However this package only works in single column mode.

The package is supported by the class in the sense that captions within a longtable environment will be formatted using the appropriate style; however in contrast to the \table environment it is the responsibility of the user to place the caption at the top of the table. The commands \source and \tablenote are not supported within this environment, but the \tablehead command can be used to produce column heads if desired.

Refer to the longtable package documentation or to [7, p.122ff] for a detailed description of the syntax of the longtable environment.
A possible alternative is the package \texttt{supertabular} written by Johannes Braams; however in this case no attempt has been made to ensure that a table produced with \texttt{supertabular} conforms to the layout specification for the \texttt{aipproc} class. Be aware that this package defines its own \texttt{\tablehead} command (with a completely different function).

Refer to the package documentation for the syntax description. A detailed comparison between \texttt{supertabular} and \texttt{longtable} can be found in Chapter 5 of [7].

\textbf{Building floats manually}

The original \LaTeX environments \texttt{figure} and \texttt{table} as well as their star forms are still available under the names \texttt{ltxfigure} and \texttt{ltxtable}. They should not be used in normal circumstances but are provided in case the automatism of the \texttt{aipproc} class needs overwriting.

Please note that if these environments are used the position of the \texttt{\caption} command determines the placement of the caption within the float body and that the special commands for figures and tables, e.g., \texttt{\tablenote}, etc. as provided by this class are not available within these environments.

\textbf{Urls}

\url{data}

For documenting URLs and related data the \texttt{\url} command is provided. It allows breaking the URL in certain places and typesets it in an adequate font and format. Instead of using curly brackets the argument can be delimited by two identical characters not used in the argument.

\textbf{Bibliography}

Referring to other articles, books, etc. can be done using the \texttt{\cite} command of standard \LaTeX. The list of references itself can either be produced using standard \LaTeX methods or using \texttt{BIBTeX}.

If installed, the \texttt{aipproc} class includes the \texttt{natbib} system which offers an extended set of citation commands. These commands have been originally developed to support author/year citation styles but are also useful with numerical citation styles.

The \texttt{natbib} system has two basic citation commands, \texttt{\citet} and \texttt{\citep} for \textit{textual} and \textit{parenthetical} citations, respectively. There also exist the starred versions \texttt{\citet*} and \texttt{\citep*} that print the full author list, and not just the abbreviated one. All of these may take one or two optional arguments to add some text before and after the citation. Table later on shows some examples. There are many more commands and variants, see [2] or [3] for further details.

\begin{itemize}
\item \texttt{\bibitem\{label\}}
\item \texttt{\bibitem\{display-info\}\{label\}}
\end{itemize}

\textbf{Bibliography produced manually}

\begin{itemize}
\item \texttt{\begin{thebibliography}{\widest-label}}
\item \texttt{\bibitem\{\textbf{label}\}}
\end{itemize}

Environment to hold the list of references.

\textbf{Bibliography produced using \texttt{BIBTeX}}

The \texttt{aipproc} class is accompanied by \texttt{BIBTeX} style files which can be used to produce compliant reference lists from \texttt{BIBTeX} database files. To use \texttt{BIBTeX} one first has to run the source file through \texttt{\LaTeX} then run \texttt{BIBTeX} and then rerun \texttt{\LaTeX} twice to get all references resolved. \texttt{BIBTeX} is described in more detail in appendix B of [7] and in chapter 13 of [5].

\begin{itemize}
\item \texttt{\bibliographystyle\{style-name\}}
\end{itemize}

This declaration specifies to \texttt{BIBTeX} that the style \texttt{style-name} should be used. It can be placed anywhere within
### Table 2. Files used by the `aipproc` class

<table>
<thead>
<tr>
<th>File</th>
<th>Date</th>
<th>Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>aipproc.cls</td>
<td>2000/08/31</td>
<td>v1.2a</td>
<td>AIP Proceedings (FMI)</td>
</tr>
<tr>
<td>fixltex2e.sty</td>
<td>1999/12/01</td>
<td>v1.0b</td>
<td>fixes to LaTeX</td>
</tr>
<tr>
<td>calc.sty</td>
<td>1998/07/07</td>
<td>v4.1b</td>
<td>Infix arithmetic (KKT,FJ)</td>
</tr>
<tr>
<td>ifthen.sty</td>
<td>1999/09/10</td>
<td>v1.1b</td>
<td>Standard LaTeX ifthen package (DPC)</td>
</tr>
<tr>
<td>graphicx.sty</td>
<td>1999/02/16</td>
<td>v1.0f</td>
<td>Enhanced LaTeX Graphics (DPC,SPQR)</td>
</tr>
<tr>
<td>keyval.sty</td>
<td>1999/03/16</td>
<td>v1.13</td>
<td>key=value parser (DPC)</td>
</tr>
<tr>
<td>graphics.sty</td>
<td>1999/02/16</td>
<td>v1.0l</td>
<td>Standard LaTeX Graphics (DPC,SPQR)</td>
</tr>
<tr>
<td>trig.sty</td>
<td>1999/03/16</td>
<td>v1.09</td>
<td>sin cos tan (DPC)</td>
</tr>
<tr>
<td>graphics.cfg</td>
<td>1999/02/16</td>
<td>v3.0i</td>
<td>Driver-dependant file (DPC,SPQR)</td>
</tr>
<tr>
<td>url.sty</td>
<td>1999/03/28</td>
<td>v1.5x</td>
<td>Verb mode for urls, etc.</td>
</tr>
<tr>
<td>article.cls</td>
<td>2000/05/19</td>
<td>v1.4b</td>
<td>Standard LaTeX document class</td>
</tr>
<tr>
<td>size10.cl</td>
<td>2000/05/19</td>
<td>v1.4b</td>
<td>Standard LaTeX file (size option)</td>
</tr>
<tr>
<td>aipxfm.sty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mathptm.sty</td>
<td>2000/01/12</td>
<td>PSNFS-v8.1</td>
<td>Times + math package (SPQR)</td>
</tr>
<tr>
<td>times.sty</td>
<td>2000/01/12</td>
<td>PSNFS-v8.1</td>
<td>Times font as default roman(SQR)</td>
</tr>
<tr>
<td>fontenc.sty</td>
<td>2000/02/16</td>
<td>v1.91</td>
<td>Standard LaTeX file</td>
</tr>
<tr>
<td>t1enc.def</td>
<td>1999/06/12</td>
<td>v3.0d</td>
<td>(j/k/car/fm) Standard LaTeX file</td>
</tr>
<tr>
<td>varioref.sty</td>
<td>1999/12/02</td>
<td>v1.2c</td>
<td>package for extended references (FMi)</td>
</tr>
<tr>
<td>aip-8s.cl</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ttc0010.sty</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>shortvrb.sty</td>
<td>2000/07/04</td>
<td>v2.0m</td>
<td>Standard LaTeX documentation package (FMI)</td>
</tr>
<tr>
<td>hyperref.sty</td>
<td>2000/05/08</td>
<td>v6.70f</td>
<td>Hypertext links for LaTeX</td>
</tr>
<tr>
<td>pdlenc.def</td>
<td>2000/05/08</td>
<td>v6.70f</td>
<td>Hyperref: PDFDocEncoding definition (HO)</td>
</tr>
<tr>
<td>hyperref.cfg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>Hyperref definitions for pdfmark specials</td>
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<td>v2.5h</td>
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Source: Output of `\listfiles` when processing `aipguide.tex`
The most recent \LaTeX\ distribution as well as \textit{natbib} and \textit{url} can be obtained from CTAN sites (Comprehensive \TeX\ Archive Network).

Refer to \url{http://www.tug.org} for more information on CTAN and \TeX\ in general.

A ready to run \TeX\ system for various platforms which has everything required is available on CD-ROM, look into \url{http://www.tug.org/texlive.html}.

This \TeX\ implementation is also made available as an add-on to several books on L\TeX, e.g., \cite{4, 5}.

For loading individual packages from a CTAN archive refer to \url{http://www.ctan.org} and search for the package name. Please omit extensions such as .sty when searching, e.g., search for natbib rather than natbib.sty, as such packages are often distributed in source form only, e.g., as a .dtx file.

It is also possible to download a complete \TeX/\LaTeX\ installation from CTAN, e.g., Miktext + Winedit + Ghostview. Finally, it is also possible to download a CD-ROM image of the \TeX\-live CD from CTAN (roughly 300MB): search for \texttt{texlive} (and make sure you select a suitable mirror near you).

\section*{REFERENCES}

2. P. Daly, \textit{Natural Sciences Citations and References (Author–Year and Numerical Schemes)}, 1999, distributed as natbib.dtx with the \textit{natbib} software.
3. P. Daly, \textit{Reference sheet for natbib usage}, 1999, distributed as natnotes.tex with the \textit{natbib} software.