CLMult01: Reference Card — Version 1.0

This is a list of commands provided by the LaTeX style files *CLMult01*. For a complete description of these commands please refer to the user's guide.

Using the style file

```
tex &clmult01 <filename>
```

Documentstyle

`clmult01`

Standard Styleoptions

`array`, `draft`, `makeidx`, `twoside`, `leqno`, `fleqn`

Springer Styleoptions

`amssymb`, `bibay`, `deutsch`, `footinfo`, `francais`, `german`, `numart`, `referee`, `vecphys`

Front Matter

The front matter for the volume is done by the editor(s) and
contains the table of contents and the list of contributors.

```
\tableofcontents
```

List of Contributors

```
\begin{contributorlist}
{\bf <author name>}
<address>
\and
...
\end{contributorlist}
```

Title and Author

```
\title{<your title>}
\subtitle{<subtitle>}
\author{<author's name>}\inst{<number>}
\institute{<name of the first institute>
\and <name of the second institute> ...}
\maketitle
```

Changing Running Heads

```
\authorrunning{<name of first author> et al.}
\titlerunning{<short version of title>}
```

Must appear before the command `\maketitle`.

Lists with Variable Indentation

```
\begin{description}[<largelabel>]
\item[<label1>] <text1>
\item[<label2>] <text2>
...
\end{description}
```

Small Print

```
\begin{petit} <text> \end{petit}
```

Special Fonts and Symbols

```
\D   \E   \I
\vec{<symbol>}       \tens{<symbol>}    \frak{<symbol>}
{\cal <symbol>}      {\sf <symbol>}     {\Bbb <symbol>}
```

AMS symbols: see AMS-TEX guide

Mini-Environments Such as Lemmas and Theorems

```
\begin{<name of environment>}[<optional material>]
<text for that environment>
\end{<name of environment>}
```

Defining New Lemma-like Environments

```
\newtheorem{<env_nam>} {<caption>} [<within>] {<cap_font>}
  {<body_font>}
```

```
\newtheorem{<env_nam>} [<num_like>] {<caption>} {<cap_font>}
  {<body_font>}
```

```
\newtheorem*{<env_nam>}{<caption>}{<cap_font>}{<body_font>}
```

Figures

```
\begin{figure}
\sidecaption  % this is optional
\mpicplace{<width> cm}{<height> cm}
\caption{<text of caption>}
\end{figure}
```

Tables Not Coded with $\LaTeX$

```
\begin{table}
\caption{<text of caption>}
\picplace{<height> cm}
\end{table}
```

Reference List (with `bibay` option)

```
\begin{thebibliography}[<label>]{<title>}
\bibitem{}{<key>}{<citation>} <bibliographic entry>
...
\end{thebibliography}
```

Index

```
\index{<entry>}
\index{<mainentry>!<subentry>}
\index{<mainentry>!<subentry>!<subsubentry>}
```

Sorting the Index (requires the MakeIndex program, the command is to be given at the operating system level)

```
makeindx -s sprmindx.sty <filename>
```

Printing the Index

```
\printindex
```

Manipulating Index Entries

change sorting order: `\index{<text1>@<text2>}`
other font: `\index{major entry@{\it major entry}}`
range: `\index{<entry>|(}` ... `\index{<entry>|)}`
macros inside pagenumber: `\index{<entry>|<macrocall without \ >}`

"see": `\see{<second entry>}`

Semimanual Creation of an Index

Create file `<filename>.idx` containing lines
`\indexentry{<keyword>}{<pageno>}`

Manual Creation of an Index

`\printindex` in the document

Create dataset called `<filename>.ind` containing

```
\begin{theindex}
\item <entry>\idxquad <pagenumber(s)>
\subitem <entry>\idxquad <pagenumber(s)>
\subsubitem <entry>\idxquad <pagenumber(s)>
\indexspace
\end{theindex}
```

Appendices

`\appendix`

Acknowledgements

`\begin{acknowledgement} <text> \end{acknowledgement}`

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