
Synopsis of Using \LaTeX for maths (ULFM)

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It is a well known fact that \LaTeX is eminently suitable for typesetting mathematics and mathematically-rich text. This book gives an overview of the various possibilities offered by \LaTeX and the basic rules for using these features of \LaTeX . For a thorough overview of using \LaTeX for mathematically-rich documents, please take a look at [1] and [2]. Absolute novices to \LaTeX may find it useful to refer to any of the resources mentioned in <http://drpartha.org.in/profpartha/startlatex.htm>

The book promotes the "hack to learn" paradigm, to get you started up quickly to enjoy the beauty and power of \LaTeX . The \LaTeX source is included along with the ebook as a zipped bundle. You can take a look at the \LaTeX sources which were used for making this ebook, and get a feel for how \LaTeX can be used for creating mathematical texts. You can modify the source code and create your own documents according to the "hack to learn" paradigm. The individual chapters are based on courses taught at various institutions, and were published separately earlier.

This ebook was prepared and tested using a Linux system. It will work best with Linux systems only.

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References

- [1] George Gratzer, *Math into LaTeX*,
<ftp://ftp.tex.ac.uk/ctan/tex-archive/info/mil/mil.pdf>
- [2] George Gratzer, *More maths into LaTeX*, Pub. : Birkhauser,
Available from: <http://www.ctan.org/tex-archive/info/mil/mil.pdf>