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# LaTeX for mathematicians (LFM) – Synopsis

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This ebook would be particularly useful to you, if you are a mathematician, or if you are required to create mathematically rich texts and documents (classroom material, tutorials, technical reports, theses, technical articles) . It is a compilation of several  $\LaTeX$  stand-alone documents, each of which, highlights some aspect of  $\LaTeX$  for creating mathematically-intensive texts. Considering the individual vintage of each of these articles, some amount of overlap is inevitable. The individual pdf files were combined into one large pdf file, using a Linux Bash shell script `<bigmath.sh>`. This Bash shell script is also given along with the ebook, and is located at `./pdf/bigmath.sh`

This ebook demonstrates several examples of mathematical texts created with  $\LaTeX$  , and is a veritable showcase of mathematically-rich texts. This ebook (pdf) aims to help you use the “learning by hacking” approach, for speeding up your  $\LaTeX$  learning experience. The ebook is available as a zip bundle [1] which includes the rendered (pdf) texts, as well as the corresponding  $\LaTeX$  sources.

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## References

- [1] S. Parthasarathy, LaTeX for mathematicians,  
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