

Example BibTeX

Computer tools in mathematican's work

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BibTeX, a powerful sister tool of **LATEX** specially designed to support bibliography, can also be used to create the bibliography. This tool is recommended for very extensive bibliographies or when some resources are cited frequently since the work of capturing a bibliographic reference is done only once and can be used as many times as necessary in all the documents that are desired. The only thing we need to use **BibTeX** is a virtual library, that is, a file (or a collection of files) with the extension ".bib" in which the bibliography that our document requires. We will call these files bookstores.

bibliography(sample1, sameple2, samepleN)

For example:

Then, just indicate in the document the libraries that will be used. If they are more than one, they should be separated by commas. For example, suppose that we have two files where the bibliography to be used is, sample1.bib and sample2.bib, then, to indicate to BibTeX that the bibliography has to be searched in such files it is necessary to add the following line.

This document is an example of BibTeX using in bibliography management. Three items are cited: *The L^AT_EX Companion* book [1], the Einstein journal paper [2], and the Donald Knuth's website [3]. The L^AT_EX related items are [1, 3].

References

- [1] Michel Goossens, Frank Mittelbach, and Alexander Samarin. *The L^AT_EX Companion*. Addison-Wesley, Reading, Massachusetts, 1993.
- [2] Albert Einstein. Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]. *Annalen der Physik*, 322(10):891–921, 1905.
- [3] Donald Knuth. Knuth: Computers and typesetting.