

\LaTeX in Twenty Four Hours

A Practical Guide for Scientific Writing

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Presentation outline

- 1 Introduction to \LaTeX
 - Definition of \LaTeX
 - Resources on \LaTeX

Introduction to L^AT_EX

What is L^AT_EX?

- L^AT_EX is a macro-package for typesetting documents.
- L^AT_EX instructions are interspersed with . . .
- L^AT_EX input files have .tex extension.
- L^AT_EX output can be obtained in .dvi or .pdf format.

Introduction to L^AT_EX

Some popular books on L^AT_EX

- 1 The L^AT_EX Companion by Datta and Figueira (2013)
- 2 A Guide to L^AT_EX2_ε by Deb (2001)
- 3 L^AT_EX: User's Guide and Reference Manual by Burke et al. (1996)

References

- Burke, E., Elliman, D., and Weare, P. F. R. (1996). Examination Timetabling in British Universities - A Survey. In Burke, E. K. and Ross, P., editors, *Proceedings of Practice and Theory of Automated Timetabling*, volume 1153 of *Lecture Notes in Computer Science (LNCS)*, pages 76–90. Springer.
- Datta, D. and Figueira, J. R. (2013). A real-integer-discrete-coded differential evolution. *Applied Soft Computing*, 13(9):3884–3893.
- Deb, K. (2001). *Multi-Objective Optimization using Evolutionary Algorithms*. John Wiley & Sons Ltd., Chichester, England.

Thanks a lot

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