

LaTeX Description

Zakir Alibhai

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Abstract

TeX is a typesetting computer program created by Donald Knuth, originally for his magnum opus, *The Art of Computer Programming*. It takes a "plain" text file and converts it into a high-quality document for printing or on-screen viewing.

1 Introduction

LaTeX is a computer program used for making articles, books and math formulas look good. LaTeX is well-suited for expressing mathematical formulas on electronic devices[1] in a more human readable format, by showing them in a way similar to how they would be written by hand.

LaTeX is used or making mathematical formulas for some articles on Wikipedia, in addition to being used within academic circles[2].

The writer types their article into a plain text document. A plain text document cannot have styled text, like bold or italic. When the writer wants to write styled text, they use special LaTeX commands that start with a backslash. For example, the command for bold text is **This text is bold**.

References

- [1] B. Grinstein and D. Pirjol. Exclusive rare b-decays at low recoil: Controlling the long-distance effects. *Physical Review D—Particles, Fields, Gravitation, and Cosmology*, 70(11):114005, 2004.
- [2] W. Xue, T. M. Bezemer, and F. Berendse. Soil heterogeneity and plant species diversity in experimental grassland communities: contrasting effects of soil nutrients and ph at different spatial scales. *Plant and Soil*, 442:497–509, 2019.