

# Introduction to L<sup>A</sup>T<sub>E</sub>X

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## Abstract

This is abstract text: This simple document shows very basic features of L<sup>A</sup>T<sub>E</sub>X.

## 1 Introduction

Here is the text of your introduction. We use some Latin nonsense text to fill the paragraphs. This way the resulting document will look more like an actual scientific paper or so. Here is an equation:

$$\alpha = \sqrt{\beta} \tag{1}$$

Now you don't need to read the text any further because it's just Lorem ipsum. (kp: To know what Lorem ipsum means, either google about it, read wikipedia or simply go to the next section where I have simply copied and pasted the intro section of the wikipedia article and made a new section here.)

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## 2 What is Lorem ipsum?

In publishing and graphic design, lorem ipsum (derived from Latin *dolorem ipsum*, translated as "pain itself") is a filler text commonly used to demonstrate the graphic elements of a document or visual presentation. Replacing meaningful content with placeholder text allows designers to design the form of the content before the content itself has been produced.[citation needed]

The lorem ipsum text is typically a scrambled section of *De finibus bonorum et malorum*, a 1st-century BC Latin text by Cicero, with words altered, added, and removed to make it nonsensical, improper Latin.[citation needed]

A variation of the ordinary lorem ipsum text has been used in typesetting since the 1960s or earlier, when it was popularized by advertisements for Letraset transfer sheets. It was introduced to the Information Age in the mid-1980s by Aldus Corporation, which employed it in graphics and word-processing templates for its desktop publishing program PageMaker.[1][not in citation given].

### 2.1 Subsection Heading Here

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## 3 Conclusion

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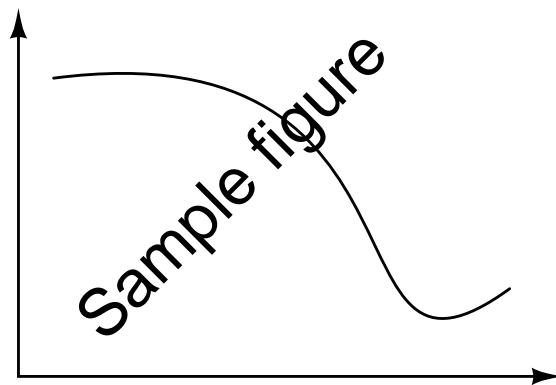


Figure 1: Simulation Results