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# Chapter 1

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

Dr. D. Datta

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### 1.1 What is L<sup>A</sup>T<sub>E</sub>X?

L<sup>A</sup>T<sub>E</sub>X is a macro package ...

#### 1.1.1 Commands and environments

A document is prepared by interspersing ...

#### 1.1.2 How to write a document?

The simplest L<sup>A</sup>T<sub>E</sub>X document is started ...

##### 1.1.2.1 A Subsubsection

.....

## Chapter 2

# Basic Formatting Tools

Dr. P. Das

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### 2.1 Formatting page size

The `\documentclass[]{}`  command allows ...

### 2.2 Formatting page numbering

As seen in the figure ...

### 2.3 Sectional units

Various sectional units ...

## Chapter 3

# Mathematical Expressions

Dr. R. Rana

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### 3.1 Mathematical notations

Different mathematical notations are the basic tools for writing mathematical expressions . . .

### 3.2 Mathematical operators

In order to form a mathematical expression, various terms are connected by some operators . . .