An Article in Latex for Physics

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Contents

Abstract

A very brief introduction to articles in latex.

1 Some Basic Code

1.1 Basic Commands

- This is how you include footnotes [1]
- To make a reference to some item in the bibliography, use [2]. To make a reference to an equation, use (1.1). To make a reference to a table or figure, use 1.
- If you want to index topics of your text, you can use .

Font Styles

- To write in bold, **writing in bold**
- To write in italic, *writing in bold*
- To write in typing letters, `t`yping letters
- To write in small small text, or very small tiny text.

[1] My footnote

- To start a quotation

  > Quoting mamma...

- To use calligraph letters, use $\mathcal{L}$.

1.2 Declaring Equations

You can include equations in the middle of the tex using 2π.

Equations in different lines without numerations can be written as

$$1.19 \times 10^{57}$$

Equations with numeration can be declared as

$$P\Big(\frac{nRT}{P}\Big) = 1. \tag{1.1}$$

or when you have an array of equations,

$$\begin{aligned} P\Big(\frac{nRT}{P}\Big) &= 1 + k, && (1.2)\\ &= 0. && (1.3) \end{aligned}$$

Multi-line equations can be written as

$$\begin{aligned} a &= b + c \\ &\quad + d - e \\ &= 1 \end{aligned} \tag{1.4}$$

1.3 Including Tables, Lists, and Figures

This is the code for including tables:

Testing 1	Testing 2
Testing 4	Testing 3

Table 1: Data for the Problem.

This is the code for including lists:

- Item one
- Item two

This is the code for including enumerated lists:

1. First Item
2. Second Item

This is the code for including figures:

2 The End of The Document

References

[1] ATIYAH, The Geometry and Physics of Knots,1990.

[2] Marina Von Steinkirch, Templates in Latex, `http://mysbfiles.stonybrook.edu/~mvonsteinkir`.