

Typsetting mathematics and making symbolic reference in L^AT_EX

Albert Einstein^{1,*}, Robert Hooke^{1,**,†}, and Max Planck^{2,***}

¹School of Physics, Universiti Sains Malaysia, Penang, Malaysia

²Faculty of Engineering and Technology, Multimedia University, Melaka, Malaysia

*E-mail: aeinstein@usm.my

**E-mail: rhooke@usm.my

***E-mail: mplanck@mmu.edu.my

†Corresponding author

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Abstract

We will learn up some basic skills of typesetting mathematical equations and making symbolic reference in L^AT_EX. We have to make the abstract longer so that the body text of the abstract appears centralised.

1 Warming up

First, print “Hello world” in typewriter font, ‘‘Hello world’’.

1.1 More warming up

By default, the first line in the begining of the section is indented. Try to skip one or more blank lines when begining a new line of text right after here.

Doing so will result in a new indented paragraph like this one, which is not seperated from the previous line of text by multiple blank lines. Next, use the commmand “\\” to terminate this line right here. What you will get is a new non-indented line. If you want to begin a new paragraph that is seperated from the previous one by a blank line, use “\\” followed by one or more blank line before typing the new paragraphs.

Here is a new paragraph seperated from the above one with a blank line.

This line of text is not indented due to the command `\noindent`.

This line is seperated from the above and the next paragraph by a vertical space of 1.1 cm using the command `\vspace{1.1cm}`.

You can itemise your text using the command

```
\begin{itemize}
\item
\end{itemize}
```

- To print the backslash symbol, “\”, we can’t simply type “\” but has to print it via the command `\backslash` .
- How to produce an *italic* sentence?
- How to type **boldfaced** sentences ?.

- How to type an underlined sentence?.
- How to type an ***underlined, boldfaced*** and *italicised* sentence?