

First document!

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January 4, 2020

Abstract

This is the abstract, which goes at the top of the document. It introduces the subject, which, in this case, is testing out example tags in \LaTeX .

First \LaTeX document!

So far, this example has used classes, packages, titles, authors, and dates! We have learned how to **bold**, *italicize*, and underline. We can *emphasize* certain things, *or we can even* not emphasize *other things*.

We have also learned how to add images:



Figure 1: The sun

Now, if we want to reference Figure 1, we just use a command!

We also learned about lists!

*Helped by that PDF that I Googled

- This is an unordered list
 - It has bullets
1. This is an ordered list
 2. It is numbered

And we learned how to add math expressions to the text.

To write a subscript, use an underline, like in a_b . For a superscript, use the exponent symbol, like in a^b .

We can put expressions inline using three different delimiters: $E = mc^2$, $\int_0^1 \frac{x}{2} dx$, or ω .

We can also put expressions in display mode using the delimiters:

$$\sin(\delta)$$

or

$$\Omega \tag{1}$$

which adds a number since it's an equation, or

$$\cos(\Delta)$$

There is also

$$\log(x)$$

but this is not recommended.

It's interesting ... you can do so much with L^AT_EX!