

First post

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This is a minimal working example written in Markdown with LaTeX. Click the `preview` menu or use the shortcut `Ctrl(Cmd) + Enter` to refresh the preview.

Math formula

- Inline math example: $i = \sqrt{-1}$.
- Display math example:

$$x^2 + y^2 = z^2.$$

Numbering and referencing

For any real number x , we have

$$\exp(ix) = \sum_{k=0}^{\infty} \frac{(ix)^k}{k!} \tag{1}$$

$$= \cos x + i \sin x. \tag{2}$$

The equation (1) is the power series definition of the exponential function, and the equation (2) is known as Euler's formula.

Theorem environment

Theorem 1 (Kruskal's Theorem) Let

$$X = \llbracket A, B, C \rrbracket$$

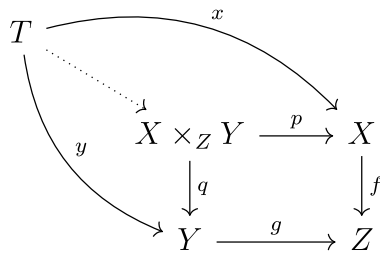
If $k_A + k_B + k_C \geq 2R + 2$ then X is uniquely decomposed.

Theorem (Fermat's Last Theorem) No three positive integers a , b , and c satisfy the equation $a^n + b^n = c^n$ for any integer value of n greater than 2.

Fermat's lost proof I have a proof of this theorem, but there is not enough space. □

LaTeX package

To use a LaTeX package, include it in the `latex preamble` submenu under the `Meta` menu. Here is an example of using `tikz-cd` package:



Bibliography

Here is a citation example in Chicago author-date style:

Einstein's journal paper (Einstein 1905) and Dirac's book (Dirac 1981) are physics-related items.

Reference

Dirac, Paul Adrien Maurice. 1981. *The Principles of Quantum Mechanics*. International Series of Monographs on Physics. Clarendon Press.

Einstein, Albert. 1905. "Zur Elektrodynamik bewegter Körper. (German) [On the Electrodynamics of Moving Bodies]." *Annalen Der Physik* 322 (10): 891–921.