First post

written by User 1958 on Functor Network
original link: https://functor.network/user/1958/entry/711

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

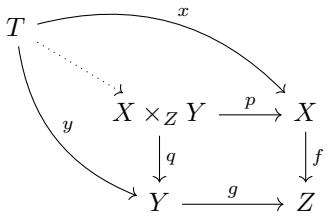
Theorem environment

Theorem (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.