Article Template

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Abstract

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1 Math Environments

Definition 1 (DefinitionName). This is a definition.

$$x^n + y^n = z^n (2)$$

Proposition 3. [1] This is a proposition.

Lemma 4. This is a lemma.

Theorem 5. This is a theorem.

Proof. Here is a proof of the theorem.

```
Algorithm 6: This is an algorithm.
```

```
Input: Some inputs
   Output: Some outputs
   Initialization: Some variables
  while condition not met do
      Some code;
      Some more code;
4 end
5 for i = 0 to k do
      if some condition holds then
         Do some magic;
7
      else
8
         return m;
 9
      end
10
11 end
```

$$1+1=2\tag{7}$$

	col 1	col 2	col 3	col 4
row 1	(1, 1)	(1, 2)	(1, 3)	(1,4)
row 2	(2, 1)	(2, 2)	(2, 3)	(2, 4)
row 3	(3, 1)	(3, 2)	(3, 3)	(3, 4)

Table 1: This is a table.

	A	В	С
Ι	1	2	3
J	4	5	6
Κ	7	8	9

Table 2: This is a Tikz Red Box Table

Example 8. This is an example.

$$E = mc^2 (10)$$

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

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2 Subfiles

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3 Citations and References

You can cite stuff with autocite [2] and [1]. Combined citations look like this [3, 4]. To cite the author, use citeauthor Qwerty. The complete citation can be printed with fullcite O P Qwerty. "History of the Goofy Layout of Keyboards". MA thesis. Podunk IN, 1996.

Use cref to refer to theorems-like environments.

- An equation I want to cref Equation 2.
- A definition I want to cref Definition 1.
- A proposition I want to cref Proposition 3.
- A lemma I want to cref Lemma 4.
- A theorem I want to cref Theorem 5.
- An algorithm I want to cref Algorithm 6.
- An example I want to cref Example 8.
- A line of code I want to cref Algorithm 6 Line 3.

Using nameref will print the name of the theorem-like environment DefinitionName.

Note that autoref does not work properly. There is a autoref warning "No autoref name for 'mycounter" occurs. The recommended fix would be to rename counters. See http://tex.stackexchange.com/questions/256672/autoref-does-not-seem-to-be-working-properly for details. However, using cref seems to be simpler.

4 Images



Reference

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