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Article Title

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Abstract. Keywords: keyword1 · keyword2

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1 Math Environments

11

Definition 1. *This is a definition.*

$$x^n + y^n = z^n$$

12

Proposition 1. *This is a proposition.*

13

Lemma 1. *This is a lemma.*

14

Theorem 1. *This is a theorem.*

$$1 + 1 = 2$$

15

Example 1. This is an example.

	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.

16

Example 2. This is a second example.

$$E = mc^2$$

A B C			
I	1	2	3
J	4	5	6
K	7	8	9

Table 2. This is a Tikz Red Box Table

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

27 Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus
28 tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In
29 hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis.
30 Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gra-
31 vida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc
32 vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus
33 porta vehicula.

34 **2 Subfiles**

35 Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus
36 semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam.
37 Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congrue quam, in
38 hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor.
39 Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis.
40 Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula
41 libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue.
42 Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi
43 eget nunc. Nam feugiat lacus vel est. Curabitur consectetur.

44 Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet
45 vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at,
46 molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum
47 eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies
48 auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Cu-
49 rabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra
50 in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

51 3 Citations

52 You can cite stuff like [1] and [3]. Combined citations look like this [2, 4].

53 Use cref for math environments.

- 54 – An equation I want to cref definition 1.
- 55 – A definition I want to cref definition 1.
- 56 – A proposition I want to cref proposition 1.
- 57 – A lemma I want to cref lemma 1.
- 58 – A theorem I want to cref theorem 1.
- 59 – An algorithm I want to cref ??.
- 60 – An example I want to cref example 1.
- 61 – A line of code I want to cref ?? ??.

62 Note that autoref does not work properly. There is a autoref warning “No
 63 autoref name for ‘mycounter’” occurs. The recommended fix would be to rename
 64 counters. See [http://tex.stackexchange.com/questions/256672/autoref-does-](http://tex.stackexchange.com/questions/256672/autoref-does-not-seem-to-be-working-properly)
 65 [not-seem-to-be-working-properly](http://tex.stackexchange.com/questions/256672/autoref-does-not-seem-to-be-working-properly) for details. However, using cref seems to
 66 be simpler.

67 References

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