This is the coolest title EVER

Who you are
affilated to a University
in a city somewhere
your_email@duluthreu.org

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Abstract

The abstract should state main results in a clear and *concise* manner. After reading the abstract, a person should have a good idea about what you do in your paper and how you do it.

1 The title for the first section

This section is short. In fact, we are now done.

2 Using some basic commands

We can write equations in LaTeX—What FUN!!

Einstein once proved that

$$E = mc^2.$$

Notice how we are careful to punctuate the equation as a part of the sentence.

3 Another section, with polynomials

I kind of like the polynomial equation

$$ax^2 + bx + c = 0. \tag{1}$$

We can solve Equation (1) to get the following values for the roots r_1 and r_2:

$$\begin{aligned} r_1 &= \frac{-b + \sqrt{b^2 - 4ac}}{2a} \\ r_2 &= \frac{-b - \sqrt{b^2 - 4ac}}{2a}. \end{aligned}$$

We leave the proof of this fact to the reader.

For inforation on a completely unrelated topic, see [1], in which Algor and Alon prove some stuff.

4 Using some environments

Theorem 4.1. *Let R denote the proposition raspberry picking. Then the following equality holds:*

$$R = \int_0^\infty x^3 \log z + \theta = FUN!!.$$

Proof. This result is obvious. □

Here we have a bit of discussion between two theorems. Some people have asked the question: How do you get that snazzy $\mathbb{Z}$ symbol to denote the integers? Well, it's easy: just use `\mathbb{Z}`. This font also gives you such cool letters as

$$\mathbb{A}, \mathbb{B}, \mathbb{C}, \mathbb{D}, \mathbb{E}, \mathbb{F}, \mathbb{G}, \mathbb{H}, \mathbb{I}, \mathbb{J}, \mathbb{K}, \mathbb{L}, \mathbb{M}, \mathbb{N}, \mathbb{O}, \mathbb{P}, \mathbb{Q}, \mathbb{R}, \mathbb{S}, \mathbb{T}, \mathbb{U}, \mathbb{V}, \mathbb{W}, \mathbb{X}, \text{ and } \mathbb{Y}.$$

Proposition 4.2. *This is aboot the neatest proposition you have ever seen, eh?*

Proof. We will prove Proposition 4.2 by way of the following lemma.

Lemma 4.3. *This lemma is so obvious, I don't even need to* state *it.*

Proof of Lemma 4.3. Again, obvious. □

We now apply Lemma 4.3, and are clearly done. CLEARLY! □

5 Acknowledgements

I would especially like to thank the Academy, and maybe some other people too.

Rodeo Style Forever!

For more information, please visit the Writing Center at
`http://www.d.umn.edu/~pmatchet/`,
or just ask one of your Happy Friendly Advisors.

References

[1] I. Algor, N. Alon, The star arboricity of graphs, Discrete Math. 75 (1989) 11-22.