Your title

Author One[1] • Author Two

This is your abstract. It should hint at the storyline of your snapshot. Contrary to research articles, the abstract does not have to be a summary but is an advertisement for the reader to continue. For example, you can pose here a question and leave the answer to the main text. If possible, please do not use formulas in your abstract and keep it to less than 500 characters.

1 A heading

This is the main text of your snapshot.[2] Here you develop the story of your snapshot. How do you come up with a good idea for a snapshot?

Imagine your university organizes an "open house" and you want to give a talk to convince high school students to study with you. If you can touch on recent research in such a talk then it is also a great topic for a snapshot. Ideally, a snapshot has 5–8 pages, so you can necessarily explain only a small "snapshot" of your mathematical interests.

As usual, you can give references such as [4, 7, 6, 5, 2, 1, 3] via the `\cite` command. We appreciate if you include images or other graphics that illustrate your snapshot. However, please do keep in mind the copyright issues explained in our email in case you include images and graphics you have not produced yourself.

[1] Author One is supported by the Mathematical Dreams Come True Foundation.

[2] This is a footnote.

Figure 1: An image scaled to 33% of the textwidth.

1.1 A subsection

More text and some formulas:

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

$$1 + 1 = 0. \tag{2}$$

Formula (1) refers to $\mathbb{R}$, Formula (2) does not.

2 More information

We have composed guidelines to help you write a beautiful and accessible snapshot which you can download at www.mfo.de/snapshots/guidelines-for-snapshots. For more information on the snapshot project (including example snapshots), please see www.mfo.de/snapshots.

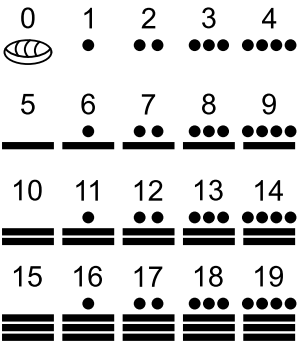

Figure 2: Exemplary image: Maya numerals.

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Figure 1 Archives of the Mathematisches Forschungsinstitut Oberwolfach, https://www.mfo.de, 2004.

Figure 2 "Maya". Author: Bryan Derkson. Licensed under Creative Commons Attribution-Share Alike 3.0 via Wikimedia Commons, https://commons.wikimedia.org/wiki/File:Maya.svg, visited on September 5, 2014.

References

[1] A. Candidate, *Thesis title*, PhD thesis, MFO, 2014.

[2] C. Example, *A new perspective on mathematics*, New perspectives on arts and sciences, 2011.

[3] H. Helfgott, *The ternary Goldbach problem*, Snapshots of modern mathematics from Oberwolfach (2014), no. 03, https://doi.org/10.14760/SNAP-2014-003-EN.

[4] D. E. Knuth, *The texbook*, 1st ed., Addison-Wesley, 1984.

[5] J. Sample, *Things you don't know about mathematics*, A bookseries about mathematics, Some publisher, 2012.

[6] ———, *Interesting facts in mathematics*, arxiv:8765.4321v1, 2013.

[7] Wikipedia, *Mathematics — Wikipedia, the free encyclopedia*, 2014, https://en.wikipedia.org/wiki/Mathematics, visited on May 19, 2014.

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