

Micro-theses and Nano-theses provide space in the Newsletter for current and recent research students to communicate their research findings with the community. We welcome submissions of micro- and nano-theses from current and recent research students. See newsletter.lms.ac.uk for preparation and submission guidance.

Micro-thesis: Your title here

Ann Author

The abstract should be no more than 50 words. It should encourage the reader to delve further into the article.

Audience and style

An article should be written in such a way so as to be enjoyed by all the members of the LMS. They should not be written for a subject specialist, but rather for a reader with a good understanding of mathematics. Most readers will not enjoy a highly specialised article, but everyone will value a well-written and approachable one.

Writing to strict page limits can be a challenge, but it is an enjoyable challenge!¹

Length

Micro-theses should cover exactly 2 published pages, and Nano-theses should cover exactly 1. Both should be prepared using the appropriate latex template.

Writing to strict page limits can be a challenge, but it is an enjoyable challenge!

The abstract

The abstract should be no more than 50 words. It should encourage the reader to delve further into the article.

Length

The ideal length of a feature article is between 2 and 6 published pages. Normally it should be no more than 8 pages in length. You should aim for a length that gives an integral number of pages.

Micro-theses should cover exactly 2 published pages, and Nano-theses should cover exactly 1. Both should be prepared using the appropriate latex template.

Book reviews should be between 500 and 1000 words.

Sections

Section headings are in sentence case (no closing full stop). Section numbers should not be used unless there is a pressing need for them. Subsections should be avoided as far as possible.

Expanding upon something

If the mathematical aside is too lengthy to fit in a nice a single column, then you can fill a text box like this. Just place these at the end of the document for the moment for placement in the text at a later stage of production. These can be formatted as two columns and figures can be added using wrapfigure (see the examples above).

¹Footnotes should be used sparingly.

Acknowledgements

Any acknowledgements and grant information should appear at the end of the article as an unnumbered section. Acknowledgements should only appear if there is a strong need for them, in which case they should be brief.

Images

The use of quality images and figures is strongly encouraged.

Authors are encouraged to submit images that are suitable for use as a cover image for the volume. These images need not be appear in the article but should be related to it. Cover images need to be of a quality of 300dpi or higher.

The author is responsible for obtaining all relevant permissions for image use.



A caption

References

References should be used sparingly and kept to a minimum. An item should be referenced if and only if referencing serves an essential role in the article. It should be rare for more than 10 items to be referenced in an article.

References should be ordered by the alphabetical order of the authors. Within that, by date. The referencing format for the Newsletter is indicated in the examples below. Note that this format is generally consistent with references appearing in MathSciNet and so they can be copied from it. Some minor re-formatting may be needed though.

Author profile

Features should end with a photograph and brief profile of each author. The author profile should include affiliation and research interests, but it should also include some additional non-work information. Author profiles should be written in third person. Some examples of author profiles are given below.

REFERENCES

- [1] The GAP group, GAP-groups, algorithms and programming, version 4.8.7, 2017, <http://www.gap-system.org>.
- [2] L. A. Goldberg, M. Jerrum, M. Paterson, The computational complexity of two-state spin systems, *Random Struct. Algorithms* 23 (2003) 133–154.
- [3] M. Mirzakhani, A. Wright, Full rank affine invariant submanifolds, Preprint 2016, arXiv:1611.08339.
- [4] J.G. Oxley, *Matroid Theory*, Oxford University Press, 2006.
- [5] G. C. Rota, Combinatorial theory, old and new, in: *Proc. Internat. Cong. Math., Nice, Sept. 1970*, Gauthier-Villars, Paris, 1971, pp. 229–233.



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Ann Author is a lecturer in mathematics at Edinburgh Napier University. Her main research interests are in algebraic topology, but she also has a keen interest in mathematics education. Ann was born in Australia, and it remains her long-term ambition to learn the didgeridoo; her two dogs are less enthusiastic about this idea.