# FRONTIERS OF MATHEMATICS

# **Instructions for Authors**

# **Manuscript Submission**

## **Manuscript Submission**

Submission of a manuscript implies: that the work described has not been published before; that it is not under consideration for publication anywhere else; that its publication has been approved by all co-authors, if any, as well as by the responsible authorities – tacitly or explicitly – at the institute where the work has been carried out. The publisher will not be held legally responsible should there be any claims for compensation.

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### Title Page

## **Title Page**

Please make sure your title page contains the following information.

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The title should be concise and informative.

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- The affiliation(s) of the author(s), i.e. institution, (department), city, (state), country
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Please provide a structured abstract of 50 to 200 words

which should briefly describe the research purpose, methods, results and conclusion.

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Please provide 3 to 6 keywords which can be used for indexing purposes.

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An appropriate number of MSC codes should be provided. The Mathematics Subject Classification (MSC) is used to categorize items covered by the two reviewing databases, Mathematical Reviews and Zentralblatt MATH, see www.ams.org/msc

#### **Text**

Paper should begin with a brief introduction of the significance of the author's research. Units of measurement, abbreviations and symbols should follow the International System of Units (SI). Figures and tables should be numerically numbered, inserted in the text, and cited in order within the text.

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Manuscripts should be used LaTeX for typewriting. The submission should include a PDF version of the compiled output used in the peer-review process. Editable files (e.g., LaTeX, figures) are required to typeset your article for final publication.

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Please use the standard mathematical notation for formulae, symbols etc.:

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Roman/upright for numerals, operators, and punctuation, and commonly defined functions or abbreviations, e.g., cos, det, e or exp, lim, log, max, min, sin, tan, d (for derivative)

Bold for vectors, tensors, and matrices.

#### References

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Reference citations in the text should be identified by numbers in square brackets. Some examples:

- 1. This kind of equations are first introduced by De Filippis and Palatucci [15].
- 2. For the bulk case, Pittel [7] gave the following results of fluctuations.
- 3. This effect has been widely studied [1-3, 7].

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# **Reference Examples**

### Journal

Husemoller D., Moore J., Stasheff J., Differential homological algebra and homogeneous spaces. J. Pure Appl. Algebra, 1974, 5(2): 113–185

Book

Weibel C., An Introduction to Homological Algebra. Cambridge: Cambridge Univ. Press, 1994

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