

JOURNAL OF THE INSTITUTE OF MATHEMATICS OF JUSSIEU

Instructions for contributors

Editorial policy

The Journal of the Institute of Mathematics of Jussieu publishes original research papers in any branch of pure mathematics; papers in logic and applied mathematics will also be considered, particularly when they have direct connections with pure mathematics. Its policy is to feature a wide variety of research areas and it welcomes the submission of papers from all parts of the world. Selection for publication is on the basis of reports from specialist referees commissioned by the Editors.

Submission of manuscripts

Manuscripts should be submitted via the website: <http://mc.manuscriptcentral.com/jimj>

Submission of a paper is taken to imply that it has not been previously published and that it is not being considered for publication elsewhere. Authors of articles published in the journal assign copyright to Cambridge University Press (with certain rights reserved) and authors will receive a copyright assignment form for signature on acceptance of the paper.

Layout of manuscripts

Insofar as possible, papers should be in some form of \TeX , preferably \LaTeX . Papers must begin with an abstract of not more than 200 words, and should list from three to six keywords and at least one 2010 mathematics subject classification number.

Authors are reminded that they should retain a copy of anything submitted for publication since neither the Journal nor the publisher can accept liability for any loss.

References

References should be placed at the end of the paper, arranged and numbered in alphabetical order of the authors' names. Titles of journals should be abbreviated as in *Mathematical Reviews*. In the text, reference numbers should be enclosed in square brackets to distinguish them from formula numbers, which should be quoted in round brackets.

A reference to a book should give the author, title (in italics), edition, publisher, year of publication; e.g.

[1] P. T. Johnstone, *Stone Spaces*, Cambridge Studies in Advanced Math. no. 3 (Cambridge University Press, 1982).

A reference to an article should give the author, title of article, short title of periodical (in italics), series number (if any), volume number, year, and the beginning and end pages of the paper; e.g.

[2] R. Guralnick, T. Pentilla, C. E. Praeger and J. Saxl, Finite linear groups, *Proc. London Math. Soc.* (3) **78** (1999), 167-214.

Proofreading

Prior to publication, authors will receive a set of proofs. For papers with more than one author the proofs are sent to the first named author unless the Editor receives other instructions. Authors are asked to correct and return proofs promptly. Typographical or factual errors only may be changed at proof stage. The publisher reserves the right to charge authors for excessive corrections of non-typographical errors. No page charge is made.

Offprints

No paper offprints are provided, but the corresponding author will be sent the pdf of the published article. Print offprints may be purchased at extra cost at proof stage.

contents

- 725 *Cartan subalgebras in dimension drop algebras*
Selçuk Barlak and Sven Raum
- 757 *Uniqueness of the welding problem for SLE and Liouville quantum gravity*
Oliver McEnteggart, Jason Miller and Wei Qian
- 785 *Zero-pointed manifolds*
David Ayala and John Francis
- 859 *On local energy decay estimate of the Oseen semigroup in two dimensions and its application*
Yasunori Maekawa
- 893 *Invariance of the Gerstenhaber algebra structure on Tate–Hochschild cohomology*
Zhengfang Wang
- 929 *Equivariant algebraic index theorem*
Alexander Gorokhovsky, Niek de Kleijn and Ryszard Nest
- 957 *Virtually fibering right-angled Coxeter groups*
Kasia Jankiewicz, Sergey Norin and Daniel T. Wise
- 989 *Linear independence in the rational homology cobordism group*
Marco Golla and Kyle Larson
- 1001 *Tate’s conjecture and the Tate–Shafarevich group over global function fields*
Thomas H. Geisser
- 1023 *RC-positivity, vanishing theorems and rigidity of holomorphic maps*
Xiaokui Yang
- 1039 *Hereditarily antisymmetric operator algebras*
Nik Weaver
- 1075 *Galois conjugates of special points and special subvarieties in Shimura varieties*
Martin Orr

cover design: angela ashton

Cambridge Core

For further information about this journal please go to the journal website at:

[cambridge.org/jmj](https://www.cambridge.org/jmj)



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS