

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

Papers may be submitted to the Editors, Professor Isabelle Gallagher and Professor François Loeser, at the e-mail address jimj@cambridge.org. Submission should be preferably by e-mail, as a pdf or postscript file. Alternatively, submission may be by post as hardcopy, in which case two copies should be sent, accompanied by the author's address, telephone and fax number and an electronic mailing address, to one of the Editors: Professor Isabelle Gallagher, Institut de Mathématiques de Jussieu, Université Paris Diderot (Paris 7), Case 7012, Bâtiment Chevaleret, 75205 Paris Cedex 13, France, or Professor François Loeser, Institut de Mathématiques de Jussieu, 4 place Jussieu, 75005 Paris, France.

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 $\text{T}_\text{E}_\text{X}$, preferably $\text{L}_\text{A}_\text{T}_\text{E}_\text{X}$. Papers must begin with an abstract of not more than 200 words, and should list from three to six keywords and at least one AMS 2010 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

- 1 *Bergman metrics and geodesics in the space of Kähler metrics on principally polarized abelian varieties*
Renjie Feng
- 27 *Points de torsion sur les variétés abéliennes de type GSp*
Marc Hindry et Nicolas Ratazzi
- 67 *Diagrammes canoniques et représentations modulo p de $GL_2(F)$*
Yongquan Hu
- 119 *Incompressibility of quadratic Weil transfer of generalized Severi–Brauer varieties*
Nikita A. Karpenko
- 133 *Local quaternionic rigidity for complex hyperbolic lattices*
Inkang Kim, Bruno Klingler and Pierre Pansu
- 161 *Braid monodromies on proper curves and pro- l Galois representations*
Naotake Takao
- 189 *C^* -pseudo-multiplicative unitaries, Hopf C^* -bimodules and their Fourier algebras*
Thomas Timmermann

cover design: angela ashton

Cambridge Journals Online

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

journals.cambridge.org/jmj



MIX
Paper from
responsible sources
FSC® C018127

CAMBRIDGE
UNIVERSITY PRESS