

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 $\text{T}_{\text{E}}\text{X}$, 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 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] Voisin, Claire, *Hodge theory and complex algebraic geometry I*. (Translated from the French original by L. Schneps). Cambridge Studies in Advanced Mathematics, 76. Cambridge University Press, Cambridge, 2002.

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] Waldspurger, J.-L., La formule de Plancherel pour les groupes p -adiques, d'après Harish-Chandra, *J. Inst. Math. Jussieu* (2) 2 (2003), 235-333.

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 *Hecke operators and the coherent cohomology of Shimura varieties*
Najmuddin Fakhruddin and Vincent Pilloni
- 71 *Reciprocity sheaves and their ramification filtrations*
Kay Rülling and Shuji Saito
- 145 *On the first steps of the minimal model program for the moduli space of stable pointed curves*
Giulio Codogni, Luca Tasin, and Filippo Viviani
- 213 *R-group and Whittaker space of some genuine representations*
Fan Gao
- 275 *Erratum/Corrigendum, October 2020, for 'A Bogomolov unobstructedness theorem for log-symplectic manifolds in general position' (J. Inst. Math. Jussieu 19 (2018), 1509–1519)*
Ziv Ran
- 279 *Geometric quadratic Chabauty*
Bas Edixhoven and Guido Lido
- 335 *Connectivity and purity for logarithmic motives*
Federico Binda and Alberto Merici
- 383 *On Noncritical Galois Representations*
Bingyong Xie
- 421 *Natural maps for measurable cocycles of compact hyperbolic manifolds*
A. Savini
- 449 *The Hitchin connection in Arbitrary characteristic*
Christian Pauly, Johan Martens, Michele Bolognesi, and Thomas Baier

cover design: angela ashton

Cambridge Core

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

[cambridge.org/jmj](https://doi.org/10.1017/S1474748023000104)



CAMBRIDGE
UNIVERSITY PRESS