COMPOSITIO MATHEMATICA

Ownership and Publication of *Compositio Mathematica*. The journal was founded in 1934 and has been owned since 1950 by the Foundation Compositio Mathematica. The Board members of this Dutch foundation are all mathematicians; its President is Prof. G. B. M. van der Geer of the University of Amsterdam. Papers are submitted to the journal's Dutch editorial office, currently based in the Korteweg–de Vries Institute at the University of Amsterdam. Since January 2004, the journal has been published on behalf of the Foundation by the London Mathematical Society (LMS). The LMS is the major British learned Society for mathematics and publishes twelve other journals, five of which are in collaboration with other learned societies. Cambridge University Press prints and distributes *Compositio Mathematica* under agreement with the London Mathematical Society.

For further information concerning the journal's ownership, management and pricing policy, please contact the *Publisher*, Dr Susan Hezlet, at the London Mathematical Society (susan.hezlet@lms.ac.uk).

Submission of Manuscripts. *Compositio Mathematica* prefers the submission of papers in LaTeX; however, papers submitted in TeX, AMSTeX, LAMSTeX and for conventional typesetting can also be accepted.

Guidelines for electronic submission are available from the Compositio Mathematica website at http://www.compositio.nl/compositio.html.

Upon acceptance, the supply of the final version of the paper as a LaTeX file will ensure more rapid publication.

Instructions for the Preparation of Manuscripts can be found on the *Compositio Mathematica* website at http://www.compositio.nl/compositio.html.

Rights and Permissions. Authors are asked to assign an exclusive licence to the Foundation Compositio Mathematica for the publication of their work. Enquiries regarding rights and permission to reproduce works should be addressed to the *Publisher*, London Mathematical Society, De Morgan House, 57–58 Russell Square, London WC1B 4HS, UK.

Offprints. A URL giving free access to the final published article will be provided free of charge. Offprints can be ordered on the form made available with the page proofs.

Back numbers. Orders for Volume 144 onwards should be sent to Cambridge University Press. Enquiries about previous volumes should be directed to the *Publisher*, London Mathematical Society.

Typeset by Sunrise Setting Ltd, Paignton, UK.
Printed in the UK by Bell and Bain Ltd.

https://doi.org/10.1112/S0010437X14007088 Published online by Cambridge University Press

COMPOSITIO MATHEMATICA

VOLUME 150 NUMBER 4 APRIL 2014

Fabien Trihan and **Seidai Yasuda** The ℓ-parity conjecture for abelian varieties over function fields of characteristic $p > 0$ 507–522

Chung Pang Mok Galois representations attached to automorphic forms on GL_2 over CM fields 523–567

Ioan Mărcuț Deformations of the Lie–Poisson sphere of a compact semisimple Lie algebra 568–578

Caucher Birkar and **Zhengyu Hu** Log canonical pairs with good augmented base loci 579–592

Osamu Fujino and **Yoshinori Gongyo** Log pluricanonical representations and the abundance conjecture 593–620

Robert Fisette and **Alexander Polishchuk** A_∞-algebras associated with curves and rational functions on $\mathcal{M}_{g,g}$. I 621–667

Joel Nagloo and **Anand Pillay** On the algebraic independence of generic Painlevé transcendents 668–678

G. Codogni and **N. I. Shepherd-Barron** The non-existence of stable Schottky forms 679–690

Ramesh Sreekantan Higher Chow cycles on Abelian surfaces and a non-Archimedean analogue of the Hodge-$\mathcal{D}$-conjecture 691–711

Timothée Marquis Abstract simplicity of locally compact Kac–Moody groups 713–728

© Foundation Compositio Mathematica

Cambridge Journals Online
For further information about this journal please go to the journal website at:
journals.cambridge.org/com

CAMBRIDGE UNIVERSITY PRESS

LONDON MATHEMATICAL SOCIETY

https://doi.org/10.1112/S0010437X14007088 Published online by Cambridge University Press