

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. J. H. M. Steenbrink of Nijmegen University. 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 eleven 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. Hard-copy submissions should be sent by post, in duplicate, to B. J. J. Moonen, *Managing Editor*, Compositio Mathematica, Korteweg—de Vries Institute, University of Amsterdam, P. O. Box 94248, NL-1090 GE Amsterdam, The Netherlands, and should be accompanied by a covering letter stating the title of the paper, the names of all authors and the full address details of the corresponding author (including an email address).

The eventual supply of an accepted-for-publication paper in its final form 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 and can be requested directly from the *Managing Editor* at the address given above.

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 140 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, Torquay, UK.
Printed in the United Kingdom at the Cambridge University Press, Cambridge.



VOLUME 147 NUMBER 3 MAY 2011

Andrew R. Booker and M. Krishnamurthy A strengthening of the $GL(2)$ converse theorem	669–715
Lassina Dembélé, Matthew Greenberg and John Voight Nonsolvable number fields ramified only at 3 and 5	716–734
$\mbox{\bf Gordan Savin}$ and $\mbox{\bf Martin H. Weissman}$ Dichotomy for generic supercuspidal representations of G_2	735–783
Tobias Finis and Erez Lapid On the continuity of Arthur's trace formula: the semisimple terms	784–802
Antonio Lei lwasawa theory for modular forms at supersingular primes	803–838
	839–851
Alexander Kuznetsov Base change for semiorthogonal decompositions	852–876
David Ishii Smyth Modular compactifications of the space of pointed elliptic curves I	877–913
Jae Choon Cha, Stefan Friedl and Taehee Kim The cobordism group of homology cylinders	914–942
Markus Reineke Cohomology of quiver moduli, functional equations, and integrality of Donaldson–Thomas type invariants	943–964
Yuri Berest and Oleg Chalykh Quasi-invariants of complex reflection groups	965–1002

© Foundation Compositio Mathematica



