### Ownership and Publication of Mathematika

*Mathematika* was founded in the early 1950s by Harold Davenport and is owned by University College London. Since 2010, the journal has been published on behalf of its owner by the London Mathematical Society (LMS). The LMS celebrated its 150th anniversary in 2015; it 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 *Mathematika* under agreement with the London Mathematical Society.

All articles are available electronically via Cambridge Core.

# Aims and Scope

*Mathematika* publishes both pure and applied mathematical articles of the highest quality. The traditional emphasis has been towards the purer side of mathematics but applied mathematics and articles addressing both aspects are equally welcome.

# **Submission of Manuscripts**

Authors wishing to submit a paper for publication should follow the guidelines available via the webpage www.lms.ac.uk/publications.

Authors will be asked to assign copyright to University College London prior to publication.

No paper should have been published or be under consideration for publication elsewhere. Nor may the paper be submitted elsewhere while it remains under consideration by *Mathematika*.

#### **Offprints**

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

#### Printed back numbers

Orders for volume 56 (2010) onwards should be sent to Cambridge University Press. Printed copies of volume 55 (2009) and earlier volumes are available from the Department of Mathematics, University College London. Please contact mathematika@math.ucl.ac.uk.

# **Copying**

This journal is registered with the Copyright Clearance Centre, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA that are registered with the CCC may therefore copy material beyond the limits permitted by sections 107 and 108 of US copyright law subject to payment to CCC of the per-copy fee. This consent does not extend to multiple copying for promotional and commercial purposes. Code 0025-5793/2019.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or the American branch of Cambridge University Press.

Published by the London Mathematical Society on behalf of University College London.

This journal has been printed on FSC-certified paper and cover board. See www.fsc.org.

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

# Mathematika

VOLUME 65 PART 3 2019

<b>Raphael S. Steiner</b> On a twisted version of Linnik and Selberg's conjecture on sums of Kloosterman sums	437-474
Kui Liu, Igor E. Shparlinski and Tianping Zhang Cancellations between Kloosterman sums modulo a prime power with prime arguments	475-487
Keith Ball, Oscar Ortega-Moreno and Maria Prodromou Hadamard matrices and 1-factorizations of complete graphs	488-499
Mathieu Meyer and Shlomo Reisner Ellipsoids are the only local maximizers of the volume product	500-504
<b>Pierre-Yves Bienvenu</b> and <b>Thái Hoàng Lê</b> Linear and quadratic uniformity of the Möbius function over $\mathbb{F}_q[t]$	505-529
Marco Antei and Jorge Esquivel Araya Models of torsors over affine spaces	530-541
Monika Wrzosek Newton's method for stochastic functional evolution equations in Hilbert spaces	542-556
M. M. Skriganov Point distributions in two-point homogeneous spaces	557-587
Brendan Murphy, Giorgis Petridis, Oliver Roche-Newton, Misha Rudnev and Ilya D. Shkredov New results on sum-product type growth over fields	588-642
Igor Wigman and Nadav Yesha Central limit theorem for Planck-scale mass distribution of toral Laplace eigenfunctions	643-676
Sam Chow and Luka Rimanić Lonely runners in function fields	677-701
<b>Dhruv Mubayi</b> and <b>Andrew Suk</b> The Erdős–Szekeres problem and an induced Ramsey question	702-707
<b>Mikołaj Krupski, Arkady Leiderman</b> and <b>Sidney Morris</b> Embedding of the free abelian topological group $A(X \oplus X)$ into $A(X)$	708-718
<b>Lior Bary-Soroker</b> and <b>Patrick Meisner</b> On the distribution of the rational points on cyclic covers in the absence of roots of unity	719-742
Olga Balkanova, Gautami Bhowmik, Dmitry Frolenkov and Nicole Raulf A mean value result for a product of GL(2) and GL(3) <i>L</i> -functions	743-762
Akihiro Higashitani, Katharina Jochemko and Mateusz Michałek Arithmetic aspects of symmetric edge polytopes	763-784
Fernando Mário de Oliveira Filho and Frank Vallentin A counterexample to a conjecture of Larman and Rogers on sets avoiding distance 1	785-787



please go to the journal web site at: cambridge.org/mtk let org/10.1 = 2/500-5579318000475 Published online by Cambridge University Press

