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 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.

Prior to 2010, the journal had not been published on-line, but since 2010 all articles, including the full archive dating back to 1954, are available electronically via Cambridge Journals Online.

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 http://www.lms.ac.uk/content/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 0025-5793/2012.

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

Typeset by Sunrise Setting Ltd, Torquay, UK Printed in the United Kingdom at the University Press, Cambridge

Mathematika

VOLUME 58 PART 1 JANUARY 2012

Péter Komjáth and James Schmerl Graphs on Euclidean spaces defined using transcendental distances	1-9
Sergei V. Konyagin and Igor E. Shparlinski On the consecutive powers of a primitive root: gaps and exponential sums	11-20
Alina Ostafe and Igor E. Shparlinski Exponential sums over points of elliptic curves with reciprocals of primes	21-33
Rainer Dietmann On the distribution of Galois groups	35-44
Gilad Lerman and J. Tyler Whitehouse Least squares approximations of measures via geometric condition numbers	45-70
Pablo Soberón Balanced convex partitions of measures in \mathbb{R}^d	71-76
Luis Rademacher On the monotonicity of the expected volume of a random simplex	77-91
József Beck Fourier analysis and the kinetic theory of gases	93-208

Cambridge Journals Online For further information about this journal please go to the journal web site at: journals.cambridge.org/mtk https://doi.org/10.1112/S0025579311000040 Published online by Cambridge University Press

