THE ROYAL SOCIETY OF EDINBURGH



PROCEEDINGS SECTION A MATHEMATICS

PUBLISHED BY THE RSE SCOTLAND FOUNDATION 22 GEORGE STREET, EDINBURGH EH2 2PQ

EDITORIAL BOARD

J. M. FRASER (Editor in Chief)

University of St Andrews

Fractal geometry

A. BARTEL

University of Glasgow

 $Number\ theory,\ arithmetic\ geometry,\ representation$

theory of finite groups

T. E. BRENDLE

University of Glasgow

Geometric and combinatorial group theory;

low dimensional topology

I. CHEVYREV

University of Edinburgh

Stochastic and rough analysis

M. COTI ZELATI

Imperial College London

Analysis of PDEs, fluid dynamics, mixing

F. A. DAVIDSON

University of Dundee

Quantitative (systems) biology; applied analysis

L. FOSCOLO

University College London

Differential geometry, geometric analysis

M. GRANT

University of Aberdeen

Algebraic and differential topology and their

applications

S. GUTIERREZ

University of Birmingham,

Harmonic analysis with applications to PDEs

J. HICKMAN

University of Edinburgh

Harmonic analysis

Curator

K. RUDY

University of St Andrews

S. HUCZYNSKA

University of St Andrews

Combinatorics, graph theory, mathematical aspects of

cryptography

N. JURGA

University of St Andrews

Dynamical systems and ergodic theory

Y LEN

University of St Andrews

Algebraic and tropical geometry

X. LI

University of Glasgow

Operator algebras, functional analysis and related topics

A. MONDINO

University of Oxford

Geometric analysis, optimal transport, analysis and

geometry of metric (measure) spaces

V. MOROZ

University of Swansea

Nonlinear elliptic PDEs

S. PRENDIVILLE

Lancaster University

Additive combinatorics and analytic number theory

F. RINDLER

University of Warwick

Geometric measure theory, PDEs, calculus of variations

L. SCARDIA

Heriot-Watt University

Calculus of variations and PDEs

M. J. TINDALL

University of Reading

Mathematical biology, pharmacology and medicine

S. WHITE

University of Oxford

Functional analysis and operator algebras

Subscription details

The journal is published and distributed every two months by Cambridge University Press on behalf of the RSE Scotland Foundation.

An annual subscription costs £764.00/\$1424.00 (Online plus Print) or £651.00/\$1193.00 (Online only). Orders should be placed with Cambridge University Press, Journals Fulfilment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS UK Telephone: +44 (0)1223 326070; Fax: +44 (0)1223 325150; e-mail: journals@cambridge.org.

This journal is included in the Cambridge Core service which can be found at https://www.cambridge.org/core/journals/proceedings-of-the-royal-society-of-edinburgh-section-a-mathematics. Each new issue will be made available shortly before publication of the printed version. Volumes 61 to 153 (1941–2023) are also available via Cambridge Core.

© 2023 The Royal Society of Edinburgh

The Royal Society of Edinburgh, Scotland's National Academy, is Scottish Charity No. SC000470
The RSE Scotland Foundation, a charitable body connected to the Society, is Scottish Charity
No. SC024636