

NOTES FOR AUTHORS

Submitting a paper

Full details on submitting a paper, including the style guide and L^AT_EX class file and macro package, can be found at <https://www.cambridge.org/core/journals/proceedings-of-the-royal-society-of-edinburgh-section-a-mathematics/information/instructions-contributors>

Proceedings of the Royal Society of Edinburgh: Section A considers for publication papers in all areas of mathematics. Please note that this journal does not consider simultaneous submissions from the same author.

- Authors will be asked to state the primary AMS 2010 Classification Number and between three and six keywords.
- Authors should nominate the most appropriate Editor for their paper.
- It is assumed that the author uploading the paper will be responsible for correspondence. A paper by more than one author should be approved in its entirety by the joint authors. An acknowledgement e-mail will be sent to all authors.
- *Proceedings A* has a page limit of 25pp but may consider papers up to five pages longer to allow for variation in final typeset length. Authors must prepare their papers as concisely as possible. Longer papers can be difficult to review in a reasonable time and can be judged more harshly.
- Each paper must be accompanied by an abstract, in general not exceeding 200 words, which will be printed.
- References should be listed at the end of the paper in alphabetical order, numbered sequentially. References within the text should be indicated by numbers in square brackets.

To submit your paper visit https://rse.msp.org/submit_new.php?jpath=rse_proc_a_math and follow the instructions for uploading.

Once a paper has been accepted for publication, authors will be asked to supply the appropriate file. This should be a single file, with any relevant macros included in the preamble, and named after the article reference number (e.g. 150421-authorname.tex). Figures should be submitted as eps or pdf files at the same time as the code for the paper. Detailed instructions will be given on acceptance.

Language

We recommend that non-English-speaking authors have their manuscripts checked by an English language native speaker before submission, to ensure that submissions are judged exclusively on academic merit. Third-party services specialising in language editing and/or translation can be found here: <https://www.cambridge.org/core/services/authors/language-services>. Use of any of these services is voluntary, and at the authors' own expense.

Proofs and offprints

Authors will be sent proofs of their paper by e-mail in pdf format for checking. A pdf of the final 'publisher's version' of the paper will be sent to the corresponding author shortly after print publication in lieu of hard copy offprints.

Copyright/Open Access

The RSE now operates a 'hybrid' Open Access model for its journals, for accepted papers submitted on or after 1 April 2013. On acceptance, authors will be given the option of having their paper published **either** under a regular publication agreement **or** under a fully Open Access agreement. Under the regular publication option, authors will be asked to sign the Journal's standard transfer of copyright form.

If authors choose the Open Access option, they will be asked to sign the alternative Open Access form and, upon payment of a one-off Article Processing Charge of UK£1780/US\$2835 (in 2017), the final published Version of Record shall be made freely available to all in perpetuity, and will be published under a creative commons licence, enabling its free re-use and re-distribution.

Please note that publication under a fully Open Access agreement is part of the Cambridge Open option. (For more details, please see: <https://www.cambridge.org/core/services/open-access-policies>)

Authors are also asked to ensure that any electronic versions of their paper clearly state the official place of publication.

Except as otherwise permitted under the Copyright, Designs and Patents Act, 1988, papers published in *Proceedings A* may only be reproduced, stored or transmitted with the prior permission of the copyright holder, or, in the case of reprographic reproduction, in accordance with the terms of a licence issued by the Copyright Licensing Agency. The Society permits the making of a single photocopy of an article from an issue (under Sections 29 & 38 of the Act) for an individual for the purposes of research or private study.

Websites

The Royal Society of Edinburgh: www.rse.org.uk
CUP: <https://www.cambridge.org/core/>

CONTENTS

WENZHANG HUANG AND CHUFEN WU Non-monotone waves of a stage-structured SLIRM epidemic model with latent period	1407–1442
JUAN MARTÍNEZ AND ALEXANDER MORETÓ Variations on results on orders of products in finite groups	1443–1449
TADAHIRO OH, TRISTAN ROBERT, PHILIPPE SOSOE AND YUZHAO WANG Invariant Gibbs dynamics for the dynamical sine-Gordon model	1450–1466
M. BIANCHI, E. PACIFICI, R. D. CAMINA AND MARK L. LEWIS On solvable groups with one vanishing class size	1467–1486
DOMINIK ENGL AND CAROLIN KREISBECK Asymptotic variational analysis of incompressible elastic strings	1487–1514
MASATOMO TAKAHASHI AND HAIYOU YU Envelopes of families of framed surfaces and singular solutions of first-order partial differential equations	1515–1542
XIN ZHONG Global well-posedness and decay estimates of strong solutions to the nonhomogeneous Boussinesq equations for magnetohydrodynamics convection	1543–1567
MÁRTON ELEKES AND MÁRK POÓR Cardinal invariants of Haar null and Haar meager sets	1568–1594
ZHENGHUA XU Bohr theorems for slice regular functions over octonions	1595–1610
STEFANO BIAGI, EUGENIO VECCHI, SERENA DIPIERRO AND ENRICO VALDINOCI Semilinear elliptic equations involving mixed local and nonlocal operators	1611–1641
CHUNHUA WANG AND SUTING WEI Large number of bubble solutions for a fractional elliptic equation with almost critical exponents	1642–1681