



Access
leading
journals in
your subject

Cambridge Core

Explore today at [cambridge.org/core](https://www.cambridge.org/core)

Cambridge **Core**



Cambridge Core

The new
home of
academic
content

[cambridge.org/core](https://www.cambridge.org/core)

Cambridge Core



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

J.A. ALEDO, R.M. RUBIO AND J.J. SALAMANCA	
Space-like hypersurfaces with functionally bounded mean curvature in Lorentzian warped products and generalized Calabi–Bernstein-type problems	849–868
K.R. DAVIDSON AND E.T.A. KAKARIADIS	
A proof of Boca’s Theorem	869–876
A.N. CARVALHO AND J.F.S PIMENTEL	
Autonomous and non-autonomous unbounded attractors under perturbations	877–903
J. ANDRADE	
Mean values of derivatives of L-functions in function fields: III	905–913
I. NAKIĆ, C. ROSE AND M. TAUTENHAHN	
A quantitative Carleman estimate for second-order elliptic operators	915–938
G. DAI	
Bifurcation and standing wave solutions for a quasilinear Schrödinger equation	939–968
J.C. ROSALES AND M.B. BRANCO	
A problem of integer partitions and numerical Semigroups	969–978
D. CAO AND W. DAI	
Classification of nonnegative solutions to a bi-harmonic equation with Hartree type nonlinearity	979–994
J.A. CAÑIZO, A. EINAV AND B. LODS	
Uniform moment propagation for the Becker–Döring equations	995–1015
P.W. DONDL AND S. WOJTOWYTSC	
On the boundary regularity of phase-fields for Willmore’s energy	1017–1035
A. AGHAJANI AND C. COWAN	
Regularity of the extremal solutions associated with elliptic systems	1037–1046
A. MARCHESI	
Residually many BV homeomorphisms map a null set onto a set of full measure	1047–1059
Z. BINLIN, V.D. RĂDULESCU AND L. WANG	
Existence results for Kirchhoff–type superlinear problems involving the fractional Laplacian	1061–1081
G. CHEN AND S. MA	
Perturbed Schrödinger lattice systems: existence of homoclinic solutions	1083–1096
P. LUO, S. PENG, C. WANG AND C.-L. XIANG	
Multi-peak positive solutions to a class of Kirchhoff equations	1097–1122

