# NOTES FOR AUTHORS

### Submitting a paper

Full details on submitting a paper, including the style guide and  $L_{A}T_{E}X$  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/

# PROCEEDINGS OF THE ROYAL SOCIETY OF EDINBURGH

(Section A)

Volume 153	2023	Part 1
	CONTENTS	
JUHA KINNUNEN AND KIM M	lyyryläinen	1 10
HUADIAO WANG		1-10
Large deviation princip with Lévy noises	les of 2D stochastic Navier–Stokes equations	19–67
STEFANO ALMI AND EMANUE Brittle fracture in linear	ele Tasso Iy elastic plates	68–103
D. MARÍN, M. SAAVEDRA AN	d J. Villadelprat	
of quadratic centres	ical periods from semi-hyperbolic polycycles	104–114
DANIELE GARZONI AND NICI	k Gill	10. 11.
On the number of conju	ugacy classes of a primitive permutation group	115–136
Xinjian Wang, Guo Lin an	ID SHIGUI RUAN	
disease models without	monotonicity	137–166
JAE-MYOUNG KIM		
Decay of weak solution thickening fluid	is to Vlasov equation coupled with a shear	167–176
HANS U. BODEN AND HOMA	YUN KARIMI	
A characterization of alternating links in thickened surfaces		177–195
Liouville-type results fo	reng or positive solutions of pseudo-relativistic	
Schrödinger system		196–228
LISBETH CARRERO AND ALES	KANDER QUAAS	
drift including singular	nonlinearities	229-261
Xiaomei Sun, Kaixiang Yu	AND ANQIANG ZHU	01
Series expansion of Ler	ay–Trudinger inequality	262–274
CHUAN-FU YANG AND DAI-Q	uan Liu	275 299
Inverse nodal problems	on quantum tree graphs	2/3-288
Optimal Hardy-weights	s for the $(p, A)$ -Laplacian with a potential term	289-306
TENGFEI SHEN AND WENBIN	Liu	
Periodic solutions of <i>p</i> -innonlinearity across half	Laplacian differential equations with jumping -eigenvalues	307-326
Ákos Nagy		
Stationary solutions to	the Keller–Segel equation on curved planes	327-343
NEDA AHANJIDEH On finite groups with e	xactly one vanishing conjugacy class size	344-368

# ISSN 0308-2105

Proc. Roy. Soc. Edinb., A 153

Printed and bound by CPI Group (UK) Ltd, Croydon, CR0 4YY

This journal issue has been printed on  $FSC^{m}$ -certified paper and cover board. FSC is an independent, nongovernmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

