Ergodic Theory and dynamical systems

MANAGING EDITORS
I. Melbourne R. Sharp
etsd@warwick.ac.uk

EXECUTIVE EDITORS
L. J. Diaz A. Gorioluk M. Hochman
B. Kra J. Putnam W. Shen

SURVEY EDITORS
M. Einsiedler C. Mathieu

EDITORIAL BOARD
A. Avila (Université Paris VI)
M. Boyle (University of Maryland)
D. Dolgopyat (University of Maryland)
H. Furstenberg (Hebrew University of Jerusalem)
V. Kaloshin (University of Maryland)
D. Kleinbock (Brussels University)
F. Ledrappier (Université Paris VI)
E. Lindenstrauss (Hebrew University of Jerusalem)
C. Liverani (University of Rome II)
S. Mozes (Hebrew University of Jerusalem)
Ya. B. Pesin (Pennsylvania State University)
M. Rasmussen (Imperial College London)
D. Ruelle (IHES, Bures-sur-Yvette)
N. Sinai (University of Alabama, Birmingham)
S. van Strien (Imperial College London)
M. Tsujii (Kyushu University)
A. M. Vershik (Steklov Mathematical Institute, St. Petersburg)
M. Viana (IMPA, Rio de Janeiro)
T. Ward (University of Leeds)
B. Weiss (Hebrew University of Jerusalem)
A. Wilkinson (University of Chicago)

Ergodic Theory and Dynamical Systems provides a focus for this important and rapidly developing area of mathematics and an opportunity to bring together many major contributors in the field which are, at the moment, scattered over a large number of non-specialist periodicals.

Dynamical methods have proved to be a powerful unifying force in mathematics in recent decades, and they are now beginning to be felt in allied subjects such as physics and biology. Ergodic Theory and Dynamical Systems acts as a forum for central problems of differential geometry, number theory, operator algebras, topological, differential and symbolic dynamics, and celestial and statistical mechanics.

Expository survey articles and conference proceedings will be included from time to time and reviews of relevant books will also be published.

Copying: This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. (www.copyright.com). Organizations in the USA who are also registered with CCC may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to CCC. This consent does not extend to multiple copying for promotional or commercial purposes.

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.

Internet Access: This journal can be found on Cambridge Core at cambridge.org/ets. For further information on other Press titles visit cambridge.org/journals.

Subscriptions: Ergodic Theory and Dynamical Systems (ISSN 0143-3857) is published eight times a year in February, April, May, June, August, September, October and December. The subscription price (excluding VAT) of volume 38, 2018, which includes print and electronic access, is £1565.00 (US$22718.00 in USA, Canada and Mexico). The electronic-only price available to institutional subscribers is £1335.00 (US$2345.00 in USA, Canada and Mexico). Single parts cost £226.00 net (US$387.00 in USA, Canada and Mexico). Prices include delivery by air where appropriate. Members of the London Mathematical Society and American Mathematical Society may subscribe for £399.00 (US$652.00). Eight parts form a volume. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country’s rate. VAT registered subscribers should provide their VAT registration number. Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or direct to the publishers: Cambridge University Press, Journals Fulfilment Department, University Printing House, Shaftesbury Road, Cambridge CB2 8BS or, in the USA, Canada, Mexico and Canada, Cambridge University Press, Journals Fulfilment Department, One Liberty Plaza, Floor 20, 20 New York, NY 10006, USA. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Chino, Tokyo 156, Japan.

Printed in the UK by Bell & Bain Ltd, Glasgow © Cambridge University Press 2013.

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge CB2 1RP, United Kingdom.
CAMBRIDGE UNIVERSITY PRESS
University Printing House, Cambridge CB2 8BS, United Kingdom
One Liberty Plaza, Floor 20, New York, NY 10006, USA.
477 Williamstown Road, Port Melbourne, VIC 3207, Australia
C/O Ourea, 4, planta 31, 28020 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

Instructions for contributors

Editorial Policy

The journal welcomes high quality contributions on topics closely related to dynamical systems and ergodic theory. Submissions in the fields of differential geometry, number theory, operator algebras, topological, symbolic, measurable dynamics and celestial and statistical mechanics are especially welcome. Expository survey papers and reviews of relevant books will be published from time to time.

Submission of manuscripts

Manuscripts should be submitted via the website: http://mc.manuscriptcentral.com/etds.

Submission of a paper is taken to imply that it has not been previously published and that it is not being considered for publication elsewhere. Authors of articles published in the journal assign copyright to Cambridge University Press (with certain rights reserved) and you will receive a copyright assignment form for signature on acceptance of your paper.

The journal strongly recommends submission of accepted papers in L\textsc{\small{e}TaX} using the \textsc{etds}-\textsc{cls} class file. Papers that use this class file will be processed more efficiently. A \textsc{etds} file contains all available anonymized ftp from the Cambridge University Press Press at ftp.cup.cam.ac.uk in the directory /pub/texarchive/journals/latex/etds-cls/. In case of difficulties with these files, please contact etds@varenne-setting.co.uk or the Journal editorial office at etds@maths.warwick.ac.uk. Alternatively, authors may use \emph{article} style.

On acceptance of a paper, authors should upload the \textsc{etds} source code including the figures (line figures only) and all author-defined macros and style files, together with a pdf produced using the same file, via the submission site http://mc.manuscriptcentral.com/etds.

The publisher reserves the right to reproduce any article by conventional means if the author’s \textsc{etds} code presents problems in production.

Manuscript

Manuscripts should be typed with generous margins. The pages must be numbered.

The first page should give the title, the author’s name and institution, and a short abstract intelligible to mathematicians.

The title, while brief, must be informative (e.g. ‘A new proof of the ergodic theorem’, whereas ‘Some applications of a theorem of Birkhoff’ would be useless).

Notation

Avoid abbreviations such as Thm, Prop., Eq., iff. In the text do not use symbols such as $\sum$, $\prod$, $\int$, $\sum$, $\prod$, $\lim$, $\lim$, $\sup$, $\inf$, $\forall$, $\exists$, $\Rightarrow$, $\Leftarrow$, $\Rightarrow$, $\Leftarrow$, $\Leftarrow$. Fractions are generally best expressed by a solidus. Complicated exponents like $\exp \left( \frac{1}{2} \right)$ are preferred to $\exp \left( \frac{1}{2} \right)$.

It helps if displayed equations or statements which will be quoted later are numbered in order on the right of their line. They can then be referred to by, for example, ‘from (7).

If an author wishes to mark the end of the proof of a theorem, the sign $\{\}$ may be used.

Footnotes should be avoided.

Figures

Graphics should be prepared to professional standards, preferably using Postscript or \textsc{\small{P}}\textsc{\small{D}}\textsc{\small{X}} drawing facilities. Each text figure must be numbered, as Figure 1, Figure 2, ... and its intended position clearly indicated in the manuscript. Figures should be used sparingly and only when they greatly clarify the exposition. The preferred resolution for submission of electronic artwork are: halftone images 300 dpi; line tone 600 dpi; bitmap 1200 dpi.

Tables

Tables should be numbered (above the table) as Table 1, Table 2, . . . . Indicate the position of each in the text as for figures.

References

References should be collected at the end of the paper numbered in alphabetical order of the author’s names or by order of citation. Include in the list of references only those works that are cited. For the style of references please consult recent issues of the journal. A reference to a book should give the title, in italics, and then in roman type the publisher’s name and the place and year of publication.

A reference to a paper should give the author in italics the title of the periodical, the number of the volume and year, and the beginning and ending pages of the paper. Journal titles should be abbreviated as in Mathematical Reviews:


Some abbreviations such as J. Analyse Math. may be sent to a bookseller, subscription agent or direct to the publishers: Cambridge University Press, Journals Fulfilment Department, University Printing House, Shaftesbury Road, Cambridge CB2 8BS or, in the USA, Canada, Mexico and Canada, Cambridge University Press, Journals Fulfilment Department, One Liberty Plaza, Floor 20, 20 New York, NY 10006, USA. Japanese prices for institutions are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Chino, Tokyo 156, Japan.

Printed in the UK by Bell & Bain Ltd, Glasgow
© Cambridge University Press 2013.

CAMBRIDGE UNIVERSITY PRESS
University Printing House, Cambridge CB2 8BS, United Kingdom

Printed online by Cambridge University Press 2013

This journal can be found on Cambridge Core at cambridge.org/ets.

Published online by Cambridge University Press 2013

https://doi.org/10.1017/etsa.2017.82

© Cambridge University Press 2018
# Ergodic Theory and Dynamical Systems

**Volume 38 Part 4 June 2018**

## CONTENTS

<table>
<thead>
<tr>
<th>Author(s)</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aaserud, A. N. and Popa, S.</td>
<td>Approximate equivalence of group actions</td>
<td>1201</td>
</tr>
<tr>
<td>Alvarez, S.</td>
<td>Gibbs measures for foliated bundles with negatively curved leaves</td>
<td>1238</td>
</tr>
<tr>
<td>Bartlett, A.</td>
<td>Spectral theory of $Z^d$ substitutions</td>
<td>1289</td>
</tr>
<tr>
<td>Berger, N., Hoffman, C. and Salo, V.</td>
<td>Non-uniqueness for specifications in $\ell^2+$</td>
<td>1342</td>
</tr>
<tr>
<td>Deng, Q. R. and Wang, X. Y.</td>
<td>The intersections of self-similar and self-affine sets with their perturbations under the weak separation condition</td>
<td>1353</td>
</tr>
<tr>
<td>Falconer, K. and Kempt, T.</td>
<td>Planar self-affine sets with equal Hausdorff, box and affinity dimensions</td>
<td>1369</td>
</tr>
<tr>
<td>Geffeng, M., Mueland, R. and Remes, A.</td>
<td>Shift–tail equivalence and an unbounded representative of the Curtis–Pimsner extension</td>
<td>1389</td>
</tr>
<tr>
<td>Guasqui, P.-A.</td>
<td>Physical measures of discretizations of generic diffeomorphisms</td>
<td>1422</td>
</tr>
<tr>
<td>Guillermou, C. and Mazza, M.</td>
<td>Marked boundary rigidity for surfaces</td>
<td>1459</td>
</tr>
<tr>
<td>Kang, J.</td>
<td>On reversible maps and symmetric periodic points</td>
<td>1479</td>
</tr>
<tr>
<td>Kennedy, J. and Nall, V.</td>
<td>Dynamical properties of shift maps on inverse limits with a set valued function</td>
<td>1499</td>
</tr>
<tr>
<td>Koutsogiannis, A.</td>
<td>Integer part polynomial correlation sequences</td>
<td>1525</td>
</tr>
<tr>
<td>Li, X.</td>
<td>Continuous orbit equivalence rigidity</td>
<td>1543</td>
</tr>
<tr>
<td>Miles, R. and Word, T.</td>
<td>The dynamical zeta function for commuting automorphisms of zero-dimensional groups</td>
<td>1564</td>
</tr>
<tr>
<td>Salo, V.</td>
<td>A note on subgroups of automorphism groups of full shifts</td>
<td>1588</td>
</tr>
</tbody>
</table>

https://doi.org/10.1017/etds.2017.92

Published online by Cambridge University Press