

INSTRUCTIONS FOR CONTRIBUTORS

Editorial Policy

The journal welcomes high quality contributions on topics closely related to dynamical systems and ergodic theory. Submissions in the field of differential geometry, number theory, operator algebra, differential, 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^AT_EX using the ETDS L^AT_EX class file. Papers that use this class file will be processed more efficiently. A L^AT_EX2e file `etds.cls` is available at cambridge.org/ets. In case of difficulties with these files, please contact etds@sunrise-setting.co.uk or the Journal editorial office at etds@maths.warwick.ac.uk. Alternatively, authors may use ‘article’ style.

On acceptance of a paper, authors should upload the L^AT_EX source code including the figures (line figures only) and all author-defined macro 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 typeset any article by conventional means if the author’s T_EX code presents problems in production.

Manuscript

The first page must include the title, the author’s name and institution, an abstract of up to 250 words, 3–5 Keywords and 2020 Mathematics Subject Classification codes with a distinction between Primary and Secondary codes.

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 \forall , \exists , \Rightarrow and \Leftrightarrow . Fractions are generally best expressed by a solidus. Complicated exponents like $\exp\{z^2 \sin \theta / (1 + y^2)\}$ should be shown in this and no other way.

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 \square may be used.

Footnotes should be avoided.

Figures

Graphics should be prepared to professional standards, preferably using Postscript or L^AT_EX 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 resolutions 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:

[4] N. Dunford and J. T. Schwartz. *Linear Operators*. Part I. Wiley, New York, 1958.

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

[6] J. E. Littlewood. The ‘pits effect’ for functions in the unit circle. *J. Analyse Math.* **23** (1970), 236–268.

Proofs

Authors receive one pdf proof for correction. Typographical and minor corrections only are permitted at this stage. For papers with more than one author the proofs are sent to the first named author unless the editor receives other instructions. It is important that proofs are corrected and returned promptly.

This journal issue has been printed on FSCTM-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.

Ergodic theory and dynamical systems

VOLUME 45 PART 5 MAY 2025

CONTENTS

<i>Arana-Herrera, F.</i> Counting problems from the viewpoint of ergodic theory: from primitive integer points to simple closed curves – SURVEY	1281
<i>Barbieri, S., Carrasco-Vargas, N. and Rojas, C.</i> Effective dynamical systems beyond dimension zero and factors of SFTs	1329
<i>Bienvenu, P.-Y., Griesmer, J. T., Le, A. N. and Lê, T. H.</i> Intersective sets for sparse sets of integers	1370
<i>Chawla, K., Choi, I., He, V. and Rafi, K.</i> Random walks on groups and superlinear-divergent geodesics	1403
<i>Costa, J. S. and Tahzibi, A.</i> Rigidity of Lyapunov exponents for derived from Anosov diffeomorphisms	1444
<i>Hauser, T. and Schneider, F. M.</i> Entropy of group actions beyond uniform lattices	1461
<i>Jain, S. and Liverani, C.</i> Piecewise contractions	1503
<i>Kim, T., Kim, W. and Lim, S.</i> Dimension estimates for badly approximable affine forms	1541
<i>O'Hare, T. A.</i> Finite data rigidity for one-dimensional expanding maps	1597
<i>Possobon, R. and Rodrigues, C. S.</i> Geometric properties of disintegration of measures	1619

Cambridge Core

For further information about this journal please go to the journal website at:
[cambridge.org/ets](https://www.cambridge.org/ets)



CAMBRIDGE
UNIVERSITY PRESS