# Ergodic Theory and Dynamical Systems

## 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

Two copies of the manuscript should be submitted to an Executive Editor whose interest is closest to the material of the article. In case of doubt authors may send manuscripts to the Managing Editors at the University of Warwick. A paper may also be submitted electronically in postscript form and as a TeX file as attachments to an email, i.e. not in the body of the email. If you are unable to do this, please submit the manuscript in printed form. The editor in charge of the paper will acknowledge receipt of the paper. It is important that authors inform the editor of any changes of postal and/or email address while their paper is under consideration.

The editor will send the manuscript to the referee electronically, if possible, and also airmail a copy to him/her. However, the editor can decide if the material is inappropriate for the journal and will also make the final decision regarding acceptance or rejection. Should you need further information you should communicate in the first instance with the editor in charge of your paper.

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On final acceptance of a paper, authors should send the LaTeX source code on disc including the figures (line figures only) and all author-defined macro and style files, to the Managing Editors, together with a hard copy produced using the same file. The publisher reserves the right to typeset any article by conventional means if the author's TeX code presents problems in production.

## Typescript

Papers should be typed, double-spaced, on one side only and 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

It is important that mathematician's expressions are clear to a printer (who is not a mathematician). For instance nk (n sub k) is common usage, but avoid if possible using c sub n sub k. 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.

In the typescript, italics, small capitals and capitals are specified by single, double and triple underlining. Bold-face types is shown by wavy underlining.

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)'.

The author must enable the printer (if necessary by pencilled notes in the margin) to distinguish between similar symbols such as $o, O,{\rm o}, {\rm O}, O$; $x, {\rm X},\times$; $\phi, \Phi, \emptyset$; ${\rm l}, l$; $\varepsilon, \in$; $\kappa, k$

There is no need to underline Greek or script letters provided these are clearly typed. Any special symbols should be explained on a separate sheet of directions for the printer.

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

Footnotes should be avoided.

## Diagrams

Figures and drawings should be on separate sheets in black ink or produced by computer to comparable quality. Photocopies are acceptable only if they are as clear as the original. Symbols, legends and captions should be given on a transparent overlay. Each text figure must be numbered as Figure 1, Figure 2 ... and its intended position clearly indicated in the typescripts. The author's name in pencil must be on all separate sheets of diagrams.

Figures should be used sparingly and only when they greatly clarify the exposition.

## Tables

Tables should be numbered (above the table) and set out on separate sheets. 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. A reference to a book should give a 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 Operator.* Part 1. 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. Titles should be abbreviated as in *Mathematical Reviews*:

[6]. E. Littlewood. The 'pits effect' for functions in the unit circle. J. Analyse Math. 23 (1970) 236-268.

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Authors receive one set of proofs for correction. If excessive alterations to the original manuscript are requested after the paper has been typeset, the author will be charged the cost of resetting. 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.

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*(Revised 19/2/2008)*