

## INFORMATION FOR AUTHORS

The Bulletin of the Australian Mathematical Society aims at quick publication of original research in all branches of mathematics. The Editors receive more than three times as much material as can be published in the BULLETIN; many meritorious papers can, therefore, not be accepted. Authors are asked to avoid, as far as possible the use of mathematical symbols in the title. Manuscripts are accepted for review with the understanding that the same work is not concurrently submitted elsewhere.

To ensure speedy publication, editorial decisions on acceptance or otherwise are taken quickly, normally within a month of receipt of the paper. Papers are accepted only after a careful evaluation by the Editor and an Associate Editor or other expert in the field. As even minor revisions are generally not permitted, authors should read carefully all the details listed below. For a paper to be acceptable for publication, not only should it contain new and interesting results but also

- (i) the exposition should be clear and attractive;
- (ii) the manuscript should be in publishable form, without revision.

Authors should submit three clean, high quality copies to

The Editorial Office, Bulletin of the Australian Mathematical Society,  
Department of Mathematics, The University of Queensland,  
Queensland 4072, Australia.

Unless requested at the time, material submitted to the BULLETIN will usually not be returned.

### EDITORIAL POLICY

**1. References.** Arrange references alphabetically (by surname of the first author) and cite them numerically in the text. Ensure the accuracy of the references: authors' names should appear as in the work quoted. Include in the list of references only those works cited, and avoid citing works which are "in preparation" or "submitted". Where the work cited is not readily accessible (for example, a preprint) a photocopy of the title page and relevant sections of the copy that you have used should be included with your submission.

### 2. Abstracts.

1. Each paper must include an abstract of not more than 200 words, which should contain a brief but informative summary of the contents of the paper, but no inessential details.
2. The abstract should be self-contained, but may refer to the title.
3. Specific references (by number) to a section, proposition, equation or bibliographical item should be avoided.

**3. Subject Classification.** Authors should include in their papers one or more classification numbers, following the 1991 Mathematics Subject Classification. Details of this scheme can be found in each Annual Index of Mathematical Reviews.

**4. Abstracts of Ph.D. Theses.** The Bulletin endeavours to publish abstracts of all accepted Australasian Ph.D. theses in mathematics. One restriction, however, is that the abstract must be received by the Editor within 6 months of the degree being approved.

**5. Electronic Manuscripts.** The Bulletin is produced using  $\text{AMS-TEX}$ . Authors who are able to do so are invited to prepare their manuscripts using  $\text{TEX}$ . (We accept Plain  $\text{TEX}$ ,  $\text{AMS-TEX}$  or  $\text{L}^{\text{A}}\text{TEX}$ .) Hard copy only should be submitted for assessment, but if the paper is accepted the author will be asked to send the text on an IBM PC compatible diskette or via e-mail to [ams@maths.uq.edu.au](mailto:ams@maths.uq.edu.au). [Typed manuscripts are, of course, still acceptable.]

# Bulletin of the Australian Mathematical Society

<b>Twisted Hilbert spaces</b>	
Félix Cabello Sánchez	177
<b>Chain recurrent points of a tree map</b>	
Tao Li and Xiangdong Ye	181
<b>Symmetric geodesics on conformal compactifications of Euclidean Jordan algebras</b>	
Sang Youl Lee, Yongdo Lim and Chan-Young Park	187
<b>Some results on defining sets of <math>t</math>-designs</b>	
Brenton D. Gray and Colin Ramsay	203
<b>Restricted Lie algebras of maximal class</b>	
D.M. Riley	217
<b>Uniformly convexifying operators in classical Banach spaces</b>	
Manuela Basallote, Manuel D. Contreras and Santiago Díaz-Madrigal	225
<b>The range of the Helgason-Fourier transformation on homogeneous trees</b>	
Michael Cowling and Alberto G. Setti	237
<b>Toral automorphisms and antiautomorphisms of rotation algebras</b>	
Hu Yaohua and P.J. Stacey	247
<b>Fatou-Julia theory on transcendental semigroups II</b>	
Kin-Keung Poon	257
<b>Heron quadrilaterals with sides in arithmetic of geometric progression</b>	
R.H. Buchholz and J.A. MacDougall	263
<b>Local rigidity and group cohomology I: Stowe's theorem for Banach manifolds</b>	
Victor Brunsten	271
<b>Coincidences and fixed points in locally <math>G</math>-convex spaces</b>	
P.J. Watson	297
<b>The distribution of zeros of solutions of first order functional differential equations</b>	
Yong Zhou	305
<b>A generalisation of the summation formula of Plana</b>	
Clément Frappier	315
<b>Quelques remarques sur des questions d'approximation diophantienne</b>	
Patrice Philippon	323
<b>Linear isometries between spaces of functions of bounded variation</b>	
Jesús Araujo	335
<b>On the soluble length of groups with prime-power order</b>	
Susan Evans-Riley, M.F. Newman and Csaba Schneider	343

## ABSTRACTS OF AUSTRALASIAN Ph.D. THESES

<b>Magnetic structures in the solar atmosphere</b>	
Murray D. Sciffer	347
<b>Trades and defining sets: theoretical and computational results</b>	
Colin Ramsay	349
<b>Orthogonal main effect plans and an extension to resolution <math>V</math></b>	
Leonie Barbara Burgess	351