

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 $\mathcal{A}_{\mathcal{M}}\mathcal{S}\text{-}\mathcal{T}_{\mathcal{E}}\mathcal{X}$. Authors who are able to do so are invited to prepare their manuscripts using $\mathcal{A}_{\mathcal{M}}\mathcal{S}\text{-}\mathcal{T}_{\mathcal{E}}\mathcal{X}$. Hard copy only should be submitted for assessment, but if the paper is accepted the author will be asked to send the text on a $5\frac{1}{4}$ IBM PC compatible diskette or via e-mail to ams@maths.uq.edu.au. [Typed manuscripts are, of course, still acceptable.]

Bulletin of the Australian Mathematical Society

<i>G</i>-fonctions et cohomologie des hypersurfaces singulières	
Cristiana Bertolin	353
Groups with a Cayley graph isomorphic to a hypercube	
John D. Dixon	385
On the common right factors of meromorphic functions	
Tuen-Wai Ng and Chung-Chun Yang	395
The Helgason Fourier transform on a class of nonsymmetric harmonic spaces	
Francesca Astengo, Roberto Camporesi and Bianca Di Blasio	405
Uncolouring of Lie colour algebras	
D.S. McAnally and A.J. Bracken	425
Nilpotents in semigroups of partial transformations	
R.P. Sullivan	453
Covering groups with subgroups	
R.A. Bryce, V. Fedri and L. Serena	469
Additive groups of rings whose subrings are ideals	
Shalom Feigelstock	477
Regular polygons and a propellor problem for convex sets in the plane	
P.R. Scott	483
An isoperimetric inequality for the thread problem	
Frank Morgan	489
A characterisation of weak compactness in Banach spaces	
Warren B. Moors	497
The mod 2 homology of $Sp(n)$ instantons and the classifying space of the gauge group	
Younggi Choi	503
A Schwarz lemma for complete Riemannian manifolds	
Leung-Fu Cheung and Pui-Fai Leung	513
Regular geodesic normal forms in virtually Abelian groups	
Walter D Neumann and Michael Shapiro	517
Approach regions for the square root of the Poisson kernel and bounded functions	
P. Sjögren	521