

JOURNAL of the AUSTRALIAN MATHEMATICAL SOCIETY

Volume 72 Part 2
APRIL 2002

P. GOLDSTEIN	<i>On graph C^*-algebras</i>	153
JENNIFER HYNDMAN	<i>Mono-unary algebras are strongly dualizable</i>	161
R. QUACKENBUSH and Cs. SZABÓ	<i>Nilpotent groups are not dualizable</i>	173
M. ABAD and J. P. DÍAZ VARELA	<i>Free algebras in the variety of three-valued closure algebras</i>	181
OFFER KELLA and WOLFGANG STADJE	<i>Ergodic path properties of processes with stationary increments</i>	199
BIANCA DI BLASIO	<i>Hypergroups associated to harmonic NA groups</i>	209
JAVIER CILLERUELO	<i>Lattice points on circles</i>	217
JOHN CRISP and MARCELO LACA	<i>On the Toeplitz algebras of right-angled and finite-type Artin groups</i>	223
ION MIHAI	<i>Ricci curvature of submanifolds in Sasakian space forms</i>	247
WILLIAM L. PASCHKE	<i>Some irreducible free group representations in which a linear combination of the generators has an eigenvalue</i>	257
J. P. N. BISHWAL	<i>The Bernstein-von Mises theorem and spectral asymptotics of Bayes estimators for parabolic SPDEs</i> ...	287

Formerly
Journal of the Australian Mathematical Society
(Series A — Pure Mathematics and Statistics)

JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY

Journal of the Australian Mathematical Society 1959–1974
Journal of the Australian Mathematical Society
(Series A — Pure Mathematics and Statistics) 1975–2000

Information about other publications of the Australian Mathematical Society may be found on the inside back cover.

Submission of research papers in pure mathematics and statistics is invited. Authors intending to submit papers for publication should prepare the manuscript following the instructions below, and should send two complete copies to the Editor, or to an appropriate Associate Editor (see back cover of this issue).

Two volumes of three parts each are planned for 2002. These are Volume 72 and Volume 73. The annual subscription price to non-members is A\$425.70 (US\$310) for 2002.

PREPARATION OF MANUSCRIPTS

1. The article should be typed, printed or photocopied on high quality bond paper of either A4, quarto or US letter size, on one side only, with double spacing, and with a generous margin (at least 3cm) all around.

2. The author should keep a complete copy of the submitted article as well as any electronic source; the Society will not accept responsibility for any loss.

3. Authors are encouraged to prepare their papers in \LaTeX ; further information on preparation of manuscripts is available on the Journal's web page at <http://www.ms.unimelb.edu.au/~jams>. Other forms of electronic source will usually also be useful.

4. Each manuscript should include (i) an abstract of not more than 150 words, preferably containing no formulae, and certainly containing no complicated formulae and no references, (ii) a 2000 Mathematics subject classification, (iii) if the title is long, a shortened form of it, no more than forty characters in length, including spaces.

5. Two alternative styles for references and quotations are described below. Authors are requested to use one and only one style consistently throughout their manuscript.

STYLE 1. A typical reference in the list of references would be

[3] T. M. Cherry, 'Infinite linear systems with homogeneous kernel of degree -1 ', *J. Austral. Math. Soc.* **5** (1965), 129–168.

A corresponding reference in the text would be: Cherry [3]; or ([3,4,9]); or Cherry [3, Theorem 1].

STYLE 2. A typical reference in the list of references would be

[GBP] G. B. Preston, 'Monogenic inverse semigroups', *J. Austral. Math. Soc.* **40** (1986), 321–342.

A corresponding reference in the text would be: Preston [GBP]; or ([GBP, KG, GHL]); or Preston [GBP, Proposition 1].

In either style, the list of references should be in alphabetical order of surnames of first authors. Abbreviations for journal names should follow the practice of Mathematical Reviews.

6. Explain clearly what symbols are to be set in special typefaces (such as cursive, fraktur, script, bold) where this is not clear from the manuscript or electronic source.

7. Avoid abbreviations, such as Thm., Prop., Ex., iff, i.e., e.g., \forall , \exists , \Rightarrow , and \Leftrightarrow .

8. Authors should provide diagrams drawn to professional standards. Diagrams in the form of encapsulated Postscript files, or similar, may be acceptable; the quality, however, should be similar to that obtained by a professional artist.

Journal of the Australian Mathematical Society, is published bimonthly by the Australian Mathematical Society, c/- Mathematics Department, Australian National University, Canberra, ACT 0200, Australia. Send address change notices to Dr A. Howe, Australian Mathematical Society, c/- Mathematics Department, Australian National University, Canberra, ACT 0200, Australia.

JOURNAL
of the
AUSTRALIAN MATHEMATICAL SOCIETY

Volume 72 Part 2