

# JOURNAL of the AUSTRALIAN MATHEMATICAL SOCIETY

**Volume 81 Part 3  
DECEMBER 2006**

FRANCESCA ASTENGO and BIANCA DI BLASIO	<i>The Gelfand transform of homogeneous distributions on Heisenberg type groups</i> .....	297
TARAS BANAKH, PETER NICKOLAS and MANUEL SANCHIS	<i>Filter games and pathological subgroups of a countable product of lines</i> .....	321
EUGENE SENETA and GABOR J. SZEKELY	<i>Normal characterization by zero correlations</i> ..	351
LING QIU and SHENGJIAN WU	<i>Radial distributions of Julia sets of meromorphic functions</i> .....	363
KENGO MATSUMOTO	<i>C*-algebras associated with presentations of subshifts II. Ideal structure and lambda-graph sub-systems</i> .....	369
TARIK BERROUG, RABAH LABBAS and BOUBAKER-KHALED SADALLAH	<i>Resolution in Hölder spaces of an elliptic problem in an unbounded domain</i> .....	387
ALEGRA DAJIĆ and J. J. KOLIHA	<i>The weighted g-Drazin inverse for operators</i> ...	405
J. ŠIAULYS and G. STEPANAUSKAS	<i>The factorial moments of additive functions with rational argument</i> .....	425

Formerly

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

Two volumes of three parts each are planned for 2007. These are Volume 82 and Volume 83. The annual subscription price to non-members for 2007:

	Electronic only	Print only	Electronic and print
Australia (GST incl.)	A\$ 458.70	A\$ 509.30	A\$ 559.90
Overseas	US\$ 355	US\$ 414	US\$ 453

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 under the condition that the paper has not been published and is not being considered for publication anywhere else.

The Journal is seeking articles of more general interest and of moderate length, preferring papers with a good introduction explaining the meaning and value of results. In view of the pressure on space, only papers highly rated by assessors can be accepted.

Papers can be submitted to the Journal Editorial Office either electronically by e-mailing a pdf file to [jams@ms.unimelb.edu.au](mailto:jams@ms.unimelb.edu.au) or by mailing two hard copies to the address below; or they can be submitted by the same process to an appropriate Associate Editor (see the back cover or the Journal website <http://www.ms.unimelb.edu.au/~jams>).

#### PREPARATION OF MANUSCRIPTS

1. Hard copy manuscripts should be printed on one side only, with double spacing and with a generous margin. Submitted manuscripts will not be returned.
2. Authors are encouraged to prepare their papers in  $\text{\LaTeX}$ ; a style file can be downloaded by following links given at the Journal website. Other forms of electronic source may be useful.
3. Each manuscript should include an abstract of no more than 150 words, preferably containing no formulae, a 2000 Mathematics subject classification, and a short title of no more than 40 characters.
4. For the style of references consult recent issues of the Journal. The current usage is either the number referencing [1], [2], [3], or the letter referencing, such as [DS1], [DS2], [DS3] if the authors are N. Dunford and J. T. Schwartz, and the reference is to the 3 volumes of their monograph. In either style, references should be ordered alphabetically by the first author's name. Abbreviations of journal names should follow Mathematical Reviews.
5. If not using  $\text{\LaTeX}$ , specify the symbols to be set in special typefaces (bold, fraktur, script, etc.).
6. Avoid abbreviation such as Thm., Prop., Eq., Ex., iff. In the text do not use the symbols  $\forall$ ,  $\exists$ ,  $\implies$  and  $\iff$ .
7. Graphics should be prepared to professional standards, preferably using Postscript or  $\text{\LaTeX}$  drawing facilities. Charges may apply if the typesetters have to recreate a graphics file because the original is not suitable for printing.

*Journal of the Australian Mathematical Society* is published bimonthly by the Australian Mathematical Society, c/- Department of Mathematics, ANU, Canberra ACT 0200, Australia.

*Subscription and change of address:* Dr A. Howe, Australian Mathematical Society, c/- Department of Mathematics, ANU, Canberra ACT 0200, Australia.

*Editorial Office:* Journal of the Australian Mathematical Society, Department of Mathematics and Statistics, The University of Melbourne, VIC 3010, Australia.

*Journal website:* <http://www.ms.unimelb.edu.au/~jams>

*Journal e-mail:* [jams@ms.unimelb.edu.au](mailto:jams@ms.unimelb.edu.au)