

JOURNAL OF THE AUSTRALIAN MATHEMATICAL SOCIETY

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.

Authors should submit PDF files of papers to the Journal through our website www.austms.org.au/Publications/Submissions/JAustMS where they will be able to track the progress of their submission. It is also possible to submit the files by emailing a PDF file to jamsed@austms.org.au.

PREPARATION OF MANUSCRIPTS

1. Papers should be double spaced and have a generous margin. Authors should keep copies of all files.

2. Files must be prepared using \LaTeX or another variant of \TeX , and must not contain definitions of additional commands. A style file can be downloaded by following appropriate links on the Journal website.

3. Each manuscript should include an abstract of no more than 150 words, preferably containing no formulae, a list of keywords, a 2010 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. Avoid abbreviations such as Thm., Prop., Eq., Ex., iff. In the text do not use the symbols \forall , \exists , \implies and \iff . For more information about our stylistic requirements, see the Journal website accessible through www.austms.org.au.

6. Graphics should be prepared to professional standards, preferably using Postscript or \LaTeX drawing facilities. Charges may apply if the typesetters have to recreate a graphics file because the original is not suitable for printing.

Copying: This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are registered with the CCC may therefore copy material beyond the limits permitted by sections 107 and 108 of US copyright law subject to payment to CCC of the per-copy fee of \$16.00. This consent does not extend to multiple copying for promotional and commercial purposes. Code 1446-7887/2010 \$16.00.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or the American branch of Cambridge University Press.

Published by Cambridge University Press for the Australian Mathematical Publishing Association Incorporated. Printed in the United Kingdom at Bell & Bain Ltd, Glasgow.

© 2010 Australian Mathematical Publishing Association Inc.



Mixed Sources
Product group from well-managed
forests and other controlled sources
www.fsc.org Cert no. TT-COC-002769
© 1996 Forest Stewardship Council

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Table of Contents

Lifts of partial characters with cyclic defect groups <i>Cossey, J. P. & Lewis, M. L.</i>	145
Nonvanishing of Jacobi Poincaré series <i>Das, S.</i>	165
On residually finite varieties of involution semigroups <i>Dolinka, I.</i>	181
Direct sums of infinitely many kernels <i>Ecevit, S. Facchini, A. & Tamer Koşan, M.</i>	199
On subgroups of Clifford groups defined by Jordan pairs of rectangular matrices <i>Ikai, H.</i>	215
On the binary digits of algebraic numbers <i>Kaneko, H.</i>	233
Linear orthogonality preservers of Hilbert bundles <i>Leung, C.-W. Ng, C. K. & Wong, N.-C.</i>	245
Atomic decomposition of weighted Triebel–Lizorkin spaces on spaces of homogeneous type <i>Li, J.</i>	255
The subexponential product convolution of two Weibull-type distributions <i>Liu, Y. & Tang, Q.</i>	277