

INFORMATION FOR AUTHORS

The *Bulletin of the Australian Mathematical Society* aims at quick publication of original research in all branches of mathematics. To ensure speedy publication, only articles which are sufficiently well presented, able to be published without revision, and which are judged by the Editor (often in consultation with an Associate Editor) to be competitive are refereed. This policy is in the interests of authors, as a quick rejection is better than a slow rejection. The *Bulletin* receives more than five times the material that can be published, therefore there are many commendable papers not accepted. Editorial decisions on acceptance or otherwise are taken quickly, normally within a month of receipt of the paper. Papers are accepted only after peer review.

Manuscripts are accepted for review with the understanding that the same work is not concurrently submitted elsewhere. 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, and
- (ii) the manuscript should be in publishable form, without revision.

Further information regarding these requirements may be found through our website www.austms.org.au/Bulletin. Authors are asked to avoid, as far as possible, the use of mathematical symbols in the title.

Articles should be prepared in L^AT_EX using $\mathcal{A}\mathcal{M}\mathcal{S}$ -L^AT_EX packages and submitted as a PDF file via our journal management system, at www.austms.org.au/Publications/Submissions/BAustMS. This permits authors to track their papers through the editorial process. Recent versions of T_EX are able to produce PDF files directly. A L^AT_EX class file for the *Bulletin* can be downloaded from the website. Authors who need assistance may email the secretary of the *Bulletin* at editor@bulletin.austms.org.au.

Authors are advised to keep copies of all files of the submitted article; the *Bulletin* will not accept responsibility for any loss.

EDITORIAL POLICY

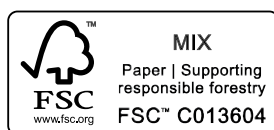
1. References. Arrange references alphabetically (by surname of the first author) and cite them numerically in the text. Ensure the accuracy of the references: authors' names should appear as in the work quoted. Include in the list of references only those works cited, and avoid citing works which are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

2. Abstracts.

1. Each paper must include an abstract of not more than 150 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 and Key Words. Authors should include a few key words and phrases and one or more classification numbers, following the American Mathematical Society 2020 Mathematics Subject Classification for all codes. Details of this scheme can be found on the web at www.ams.org/msc.

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



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

Table of Contents

Nowhere-zero 3-flows in Cayley graphs of order $8p$ <i>Zhang, J. & Zhou, H.</i>	1
Partitions of natural numbers and their weighted representation functions <i>Li, S.-S., Shan, Y.-Q. & Yan, X.-H.</i>	12
Counting unions of Schreier sets <i>Beanland, K., Gorovoy, D., Hodor, J. & Homza, D.</i>	19
Some counting questions for matrix products <i>Affurrahman, M.</i>	32
Normal bases for function fields <i>Hamahata, Y.</i>	44
Intersecting the torsion of elliptic curves <i>Garcia-Fritz, N. & Pasten, H.</i>	56
On the exceptional set of transcendental entire functions in several variables <i>Alves, D., Lelis, J., Marques, D. & Trojovský, P.</i>	64
On a conjecture of Lenny Jones about certain monogenic polynomials <i>Kaur, S. & Kumar, S.</i>	72
The lifting problem for universal quadratic forms over simplest cubic fields <i>Gil-Muñoz, D. & Tinková, M.</i>	77
On exterior powers of reflection representations <i>Hu, H.</i>	90
On endomorphisms of extensions in Tannakian categories <i>Eskandari, P.</i>	103
On the characterisation of alternating groups by codegrees <i>Dolorfino, M., Martin, L., Slonim, Z., Sun, Y. & Yang, Y.</i>	115
Solvable groups whose nonnormal subgroups have few orders <i>He, L., Lv, H. & Chen, G.</i>	121
Triple-product-free sets <i>Agigior-Mike, P. U., Hart, S. B. & Obi, M. C.</i>	129
Complete embeddings of groups <i>Bridson, M. R. & Short, H.</i>	136
The difference analogue of the Tumura–Hayman–Clunie theorem <i>Fang, M., Li, H. & Yao, X.</i>	145
A counterexample to a result of Jaberri and Mahmoodi <i>Sahami, A. & Shariati, S. F.</i>	155
Any dual operator space is weakly locally reflexive <i>Dong, Z., Jiang, J. & Zhao, Y.</i>	158
A note on Brøndsted’s fixed point theorem <i>Zubelevich, O.</i>	161
Abstracts of PhD Theses	
Bayesian methods and polynomial chaos: application to finding cardiac bidomain parameters <i>Kamalakkannan, A.</i>	167
Coupled free fermion conformal field theory and representations <i>Han, B.</i>	170
Corrigendum	
Correction to ‘Automorphism and outer automorphism groups of right-angled Artin groups are not relatively hyperbolic’ <i>Kim, J., Oh, S. & Tranchida, P.</i>	171