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 LaTeX using AMS-LaTeX 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 TeX are able to produce PDF files directly. A LaTeX 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 2010 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

D. C. J. C. J. C. V.	
Perfect 1-factorisations of K_{16} Gill, M . \mathcal{J} . \mathcal{C} Wanless, I . M .	177
Degree of the W-operator and noncrossing partitions Sun, H.	186
The number of cyclic subgroups of finite abelian groups and Menon's identity	
Tărnăuceanu, M.	201
Closed forms for degenerate Bernoulli polynomials $Dai, L. \mathcal{C} Pan, H.$	207
U -numbers in fields of formal power series over finite fields $Keke\zeta,\ G.$	218
On Littlewood's proof of the prime number theorem	210
Simonič, A.	226
Generalisation of a result on distinct partitions with bounded part differences $Li, R., Lin, B. L. S. & Wang, A. Y. Z.$	233
On the Euler characteristics of signed Selmer groups	433
Ahmed, S. & Lim, M. F.	238
On a lattice characterisation of finite soluble PST-groups	
Chi, Z. & Skiba, A. N.	247
Finite p-groups all of whose nonnormal subgroups have bounded normal cores	
Yang, D., An, L. & Lv, H.	255
Intersections of subgroups in virtually free groups and virtually free products Klyachko, A. A. & Ponfilenko, A. N.	266
Conjugating automorphisms of graph products: Kazhdan's property (T) and	
SQ-universality Genevois, A. & Varghese, O.	272
On discreteness of subgroups of quaternionic hyperbolic isometries	
Gongopadhyay, K., Mishra, M. M. & Tuwari, D.	283
A q-analogue of a hypergeometric congruence Gu, CY. & Guo, V.J. W.	294
On approximately additive mappings in 2-Banach spaces	
Brzdęk, J. & El-Hady, ES.	299
Embeddings of free topological vector spaces	244
Leiderman, A. & Morris, S. A.	311
On modulated topological vector spaces and applications Kozlowski, W. M.	325
On almost stable CMC hypersurfaces in manifolds of bounded sectional curvature	
Roth, J. & Upadhyay, A.	333
Abstracts of PhD Theses	
Theory and statistics of long-range dependent random processes	
Vaskovych, V.	339
The performance of some statistical procedures used in case-control studies	
and methylomics Kuveke, R. E. H.	342
Statistical analysis of long-range dependent random processes and fields	
Alomari, H. M.	345
Contributions to computational Bayesian statistics	
South, L.	348
Teaching algebra with digital technology: Factors influencing secondary mathematics	
teachers' task development and implementation Ratnayake, I. G.	350
zewirwywiw, z. G.	000



