

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

Biases in integer partitions <i>Kim, B. & Kim, E.</i>	177
Asking questions to determine the product of circularly arranged numbers <i>Sane, S. S.</i>	187
The diameter and radius of radially maximal graphs <i>Qiao, P. & Zhan, X.</i>	196
On problems of CF-connected graphs for $K_{m,n}$ <i>Štaš, M. & Valiska, J.</i>	203
On asymptotic bases which have distinct subset sums <i>Kiss, S. Z. & Nguyen, V. H.</i>	211
Sums of four squares with a certain restriction <i>She, Y.-F. & Wu, H.-L.</i>	218
On the sum of parts in the partitions of n into distinct parts <i>Merca, M.</i>	228
Divisibility of certain singular overpartitions by powers of 2 and 3 <i>Singh, A. & Barman, R.</i>	238
Strictly real fundamental theorem of algebra using polynomial interlacing <i>Basu, S.</i>	249
Fixed points of polynomials over division rings <i>Chapman, A. & Vishkautsan, S.</i>	256
Classification of tetravalent 2-transitive nonnormal Cayley graphs of finite simple groups <i>Fang, X. G., Wang, J. & Zhou, S.</i>	263
On analogues of Huppert's conjecture <i>Yang, Y.</i>	272
An analogue of Huppert's conjecture for character codegrees <i>Bahri, A., Akhlaghi, Z. & Khosravi, B.</i>	278
On the pronorm of a group <i>Brescia, M. & Russo, A.</i>	287
The cyclic graph of a Z-Group <i>Costanzo, D. G., Lewis, M. L., Schmidt, S., Tsegaye, E. & Udell, G.</i>	295
A bijection of invariant means on an amenable group with those on a lattice subgroup <i>Hopfensperger, J.</i>	302
On algebra isomorphisms between p-Banach Beurling algebras <i>Dabhi, P. A. & Likhada, D. B.</i>	308
On a fabric of kissing circles <i>Čerňanová, V.</i>	320
Exact lower bound on an 'exactly one' probability <i>Pinelis, I.</i>	330
Abstracts of PhD Theses	
Nonnegative polynomials, sums of squares and the moment problem <i>Bhardwaj, A.</i>	337
Beyond slow-fast: relaxation oscillations in singularly perturbed nonsmooth systems <i>Jelbart, S.</i>	342
The resolvent and Riesz transform on connected sums of manifolds with different asymptotic dimensions <i>Nix, D.</i>	344
Investigating attribute risks and constructing linkage error models for probabilistically-linked data <i>Ma, Y.</i>	346
Modelling of withdrawal of a stratified fluid from a porous medium <i>Al-Ali, S. I. S.</i>	349
Applications of sandpile algorithms to modelling edge localised mode phenomenology in magnetically confined fusion plasmas <i>Bowie, C.</i>	351