

AUTHOR INDEX FOR VOLUME 98

BALLESTER-BOLINCHES, A.; see SU, N.	109
BOWDEN, R. S.; Modelling joint autoregressive moving average processes	345
BROUGH, J. and KONG, Q.; On vanishing criteria that control finite group structure II	251
BUGAJEWSKI, D. and MAĆKOWIAK, P.; Continuity of roots, revisited	448
BUGEAUD, Y. and KEKEÇ, G.; On Mahler's classification of p -adic numbers	203
CAREVIĆ, M. M.; see PANIĆ, S.	331
CHAMBERLAIN, R.; Minimal exceptional p -groups	434
CHAPMAN, A.; Common slots of bilinear and quadratic Pfister forms	38
CHENG, S.-Q.; Doubling tropical q -difference analogue of the lemma on the logarithmic derivative	474
CHOI, B. J.; Convergence of Mann's alternating projections in $CAT(\kappa)$ spaces	134
DE BONDT, M. and SUN, X.; Classification of cubic homogeneous polynomial maps with Jacobian matrices of rank two	89
DENG, M.-J., GUO, J. and XU, A.-J.; A note on the Diophantine equation $x^2 + (2c - 1)^m = c^n$	188
DJANKOVIĆ, G.; The reciprocity law for the twisted second moment of Dirichlet L -functions over rational function fields	383
DRAGOMIR, S. S.; Weighted integral inequalities of Ostrowski, Čebyšev and Lupaş type with applications	439
DUBICKAS, A.; Algebraic numbers with bounded degree and Weil height	212
DUNG, N. V. and HANG, V. T. L.; On the completion of b -metric spaces	298
FAULHUBER, M.; A short note on the frame set of odd functions	481
GAÁL, M. and NAGY, G.; Transformations on density operators preserving generalised entropy of a convex combination	102
GABELEH, M. and VETRO, C.; A new extension of Darbo's fixed point theorem using relatively Meir–Keeler condensing operators	286
GOLDFARB, B. and GROSSMAN, J. L.; Coarse coherence of metric spaces and groups and its permanence properties	422
GROSSMAN, J. L.; see GOLDFARB, B.	422
GUAN, Y.; see SHI, M.	167
GUO, J.; see DENG, M.-J.	188
GÜRER, S. and IGLESIAS-ZEMMOUR, P.; Differential forms on stratified spaces	319
HALL, T.; see YURTTAŞ, S. Ö.	149
HANG, V. T. L.; see DUNG, N. V.	298
HE, H.; Input–output analysis of relationships between the Australian economic system and waste management	522
HERNÁNDEZ, E. and PIERRI, M.; S -asymptotically periodic solutions for abstract equations with state-dependent delay	456

HIRATA, K.; Two-sided estimates for positive solutions of superlinear elliptic boundary value problems	465
HSU, D. F. and ZHOU, S.; Resolvable Mendelsohn designs and finite Frobenius groups	1
HUA, H.; On the total distance and diameter of graphs	14
HUANG, Z.; Mathematical analysis of combustion waves in competitive exothermic reactions	339
HUSSAIN, N., YAU, S. S.-T. and ZUO, H.; On the derivation Lie algebras of fewnomial singularities	77
IGLESIAS-ZEMMOUR, P.; see GÜRER, S.	319
KEKEÇ, G.; see BUGEAUD, Y.	203
KHANMOHAMMADI, E.; A structured inverse spectrum problem for infinite graphs and unbounded operators	363
KLAVŽAR, S.; see MANUEL, P.	177
KOMURO, N., SAITO, K.-S. and TANAKA, R.; Left symmetric points for Birkhoff orthogonality in the preduals of von Neumann algebras	494
KONG, Q.; see BROUGH, J.	251
KONG, Q.-G., RUAN, H.-J. and ZHANG, S.; Box dimension of bilinear fractal interpolation surfaces	113
KWOK, E.; Dynamic isoperimetry on graphs and weighted Riemannian manifolds	514
LEE, J.; A note on Gunningham's formula	389
LEUNG, P.; Tangent bundles, monoidal theories and Weil algebras	175
LI, F.; On systems of partial differential equations of Briot–Bouquet type	122
LI, F., LI, Q. and LIU, Y.; A reaction–diffusion–advection equation with combustion nonlinearity on the half-line	277
LI, Q.; see LI, F.	277
LI, Y.; Exploring the role of small-scale thermohaline structure on mixing and transport in the ocean	348
LIU, J.-C.; Supercongruences involving p -adic gamma functions	27
LIU, Y.; see LI, F.	277
LONGSTAFF, W. E.; On minimal sets of $(0, 1)$ -matrices whose pairwise products form a basis for $M_n(\mathbb{F})$	402
MAČKOWIAK, P.; see BUGAJEWSKI, D.	448
MAINZER, R.; The effect of a preliminary Hausman test on confidence intervals	518
MANUEL, P. and KLAVŽAR, S.; A general position problem in graph theory	177
MARQUES, D. and MOREIRA, C. G.; A note on a complete solution of a problem posed by K. Mahler	60
MCDUGALL, R. G. and THORNTON, L. K.; On base radical operators for classes of finite associative rings	239
MEAGHER, S.; A simple proof of Chebotarev's density theorem over finite fields	196
MENG, H.; see SU, N.	109

MORARIU-PATRICH, M.; On the weak-hash metric for boundedly finite integer-valued measures	265
MOREIRA, C. G.; see MARQUES, D.	60
NAGY, G.; see GAÁL, M.	102
ONARAN, S.; On overtwisted contact surgeries	144
ORTEGA-PIWONKA, I.; Stochastic models for optically trapped nanowires	343
PANIĆ, S., PETROVIĆ, M. J. and CAREVIĆ, M. M.; Initial improvement of the hybrid accelerated gradient descent process	331
PATRA, A. and SRIVASTAVA, P. D.; Relative perturbation bounds for the joint spectrum of commuting tuples of matrices	414
PETROVIĆ, M. J.; see PANIĆ, S.	331
PIERRI, M.; see HERNÁNDEZ, E.	456
POOR, C., SHURMAN, J. and YUEN, D. S.; Theta block Fourier expansions, Borchers products and a sequence of Newman and Shanks	48
RUAN, H.-J.; see KONG, Q.-G.	113
ŞAHİN, M.; Liftings of a monomial curve	230
SAITO, K.-S.; see KOMURO, N.	494
SANKI, B.; Systolic fillings of surfaces	502
SAUNDERS, J. C.; Mahler measure of ‘almost’ reciprocal polynomials	70
SHI, M., GUAN, Y., WANG, C. and SOLÉ, P.; Few-weight codes from trace codes over R_k	167
SHI, M.; see ZHU, H. W.	159
SHURMAN, J.; see POOR, C.	48
SITTINGER, B. D.; The density of j -wise relatively r -prime algebraic integers	221
SOLÉ, P.; see SHI, M.	167
SONENBERG, N.; Networks of interacting stochastic fluid models	516
SPRATT, B.; Reactive operating theatre scheduling	520
SRICHAN, T.; On the absence of zeros in infinite arithmetic progression for certain zeta functions	376
SRIVASTAVA, P. D.; see PATRA, A.	414
STAŠ, M.; Determining crossing numbers of graphs of order six using cyclic permutations	353
SU, N., BALLESTER-BOLINCHES, A. and MENG, H.; A note on normal complements for finite groups	109
SUN, X.; see DE BONDT, M.	89
TANAKA, R.; see KOMURO, N.	494
TANNA, D. K.; Graph labelling techniques	512
TERAGAITO, M.; Weight elements of the knot groups of some three-strand pretzel knots	305
THORNTON, L. K.; see MCDUGALL, R. G.	239
VETRO, C.; see GABELEH, M.	286
WANG, C.; see SHI, M.	167

WHYTE, J. M.; Global <i>a priori</i> identifiability of models of flow-cell optical biosensor experiments	350
XU, A.-J.; see DENG, M.-J.	188
YAU, K. H.; Bounds for triple exponential sums with mixed exponential and linear terms	64
YAU, S. S.-T.; see HUSSAIN, N.	77
YUEN, D. S.; see POOR, C.	48
YURTTAŞ, S. Ö. and HALL, T.; Intersections of multicurves from Dynnikov coordinates	149
ZHANG, P. B.; The local h -polynomials of cluster subdivisions have only real zeros	258
ZHANG, S.; see KONG, Q.-G.	113
ZHONG, L.; The complexity of Thomason's algorithm for finding a second Hamiltonian cycle	18
ZHOU, S.; see HSU, D. F.	1
ZHU, H. W. and SHI, M.; On linear complementary dual four circulant codes	159
ZUDILIN, W.; Some hypergeometric integrals for linear forms in zeta values	372
ZUO, H.; see HUSSAIN, N.	77

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 $\mathcal{A}\mathcal{M}\mathcal{S}$ - \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.



MIX
Paper from
responsible sources
FSC® C007785

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

Determining crossing numbers of graphs of order six using cyclic permutations <i>Štaš, M.</i>	353
A structured inverse spectrum problem for infinite graphs and unbounded operators <i>Khanmohammadi, E.</i>	363
Some hypergeometric integrals for linear forms in zeta values <i>Žudilin, W.</i>	372
On the absence of zeros in infinite arithmetic progression for certain zeta functions <i>Srichan, T.</i>	376
The reciprocity law for the twisted second moment of Dirichlet L-functions over rational function fields <i>Djanković, G.</i>	383
A note on Gunningham's formula <i>Lee, J.</i>	389
On minimal sets of $(0, 1)$-matrices whose pairwise products form a basis for $M_n(\mathbb{R})$ <i>Longstaff, W. E.</i>	402
Relative perturbation bounds for the joint spectrum of commuting tuples of matrices <i>Patra, A. & Srivastava, P. D.</i>	414
Coarse coherence of metric spaces and groups and its permanence properties <i>Goldfarb, B. & Grossman, J. L.</i>	422
Minimal exceptional p-groups <i>Chamberlain, R.</i>	434
Weighted integral inequalities of Ostrowski, Čebyšev and Lupaş type with applications <i>Dragomir, S. S.</i>	439
Continuity of roots, revisited <i>Bugajewski, D. & Mackowiak, P.</i>	448
S-asymptotically periodic solutions for abstract equations with state-dependent delay <i>Hernández, E. & Pierri, M.</i>	456
Two-sided estimates for positive solutions of superlinear elliptic boundary value problems <i>Hirata, K.</i>	465
Doubling tropical q-difference analogue of the lemma on the logarithmic derivative <i>Cheng, S.-Q.</i>	474
A short note on the frame set of odd functions <i>Faulhuber, M.</i>	481
Left symmetric points for Birkhoff orthogonality in the preduals of von Neumann algebras <i>Komuro, N., Saito, K.-S. & Tanaka, R.</i>	494
Systolic fillings of surfaces <i>Sanki, B.</i>	502
Abstracts of PhD Theses	
Graph labelling techniques <i>Tamma, D. K.</i>	512
Dynamic isoperimetry on graphs and weighted Riemannian manifolds <i>Kivok, E.</i>	514
Networks of interacting stochastic fluid models <i>Sonenberg, N.</i>	516
The effect of a preliminary Hausman test on confidence intervals <i>Mainzer, R.</i>	518
Reactive operating theatre scheduling <i>Spratt, B.</i>	520
Input-output analysis of relationships between the Australian economic system and waste management <i>He, H.</i>	522
Author Index for Volume 98	525

Cambridge Core

For further information about this journal please go to the journal website at:

cambridge.org/baz



CAMBRIDGE
UNIVERSITY PRESS