### **INFORMATION FOR AUTHORS**

The Bulletin of the Australian Mathematical Society aims at quick publication of original research in all branches of mathematics. The Editors receive more than three times as much material as can be published in the BULLETIN; many meritorious papers can, therefore, not be accepted. Authors are asked to avoid, as far as possible the use of mathematical symbols in the title. Manuscripts are accepted for review with the understanding that the same work is not concurrently submitted elsewhere.

To ensure speedy publication, editorial decisions on acceptance or otherwise are taken quickly, normally within a month of receipt of the paper. Papers are accepted only after a careful evaluation by the Editor and an Associate Editor or other expert in the field. As even minor revisions are generally not permitted, authors should read carefully all the details listed below. 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;

(ii) the manuscript should be in publishable form, without revision.

Authors should submit three clean, high quality copies to

The Editor, Bulletin of the Australian Mathematical Society,

Department of Mathematics, The University of Queensland,

Queensland 4072, Australia.

Unless requested at the time, material submitted to the BULLETIN will usually not be returned.

## 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 photocopy of the title page and relevant sections of the copy that you have used will be of great help to the editors.

#### 2. Abstracts.

- 1. Each paper must include an abstract of not more than 200 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. Authors should include in their papers one or more classification numbers, following the 1991 Mathematics Subject Classification. Details of this scheme can be found in each Annual Index of Mathematical Reviews.

4. Abstracts of Ph.D. Theses. The Bulletin endeavours to publish abstracts of all accepted Australasian Ph.D. theses in mathematics. One restriction, however, is that the abstract must be received by the Editor within 6 months of the degree being approved.

5. Electronic Manuscripts. The Bulletin is produced using  $A_{MS}$ -TEX. Authors who are able to do so are invited to prepare their manuscripts using  $A_{MS}$ -TEX. Hard copy only should be submitted for assessment, but if the paper is accepted the author will be asked to send the text on a  $5\frac{1}{4}$  IBM PC compatible diskette or via e-mail to ams@maths.uq.oz.au. [Typed manuscripts are, of course, still acceptable.]

# Bulletin of the Australian Mathematical Society

Countably quasi-suprabarrelled spaces										1
J.C. Ferrando and L.M. Sánchez Rui	12	1	1.8.8	2.0						
Inequalities with weights for powers of g										7
B. Mond and J.E. Pečarić	**	1.1	100							
Enlargeable Banach-Lie algebras and free	e topo	ologica	I group	15						13
Vladimir G. Pestov		10.00			1.000	1 N.	-			
Combined two stabilities imply Axiom A	for v	ector i	helds							23
Lan Wen	• •		1.1	5. 5	1222	• •	2.3	199		20
Denseness of operators which attain their	r nun	nerical	radius							31
Wang Jia-Ping and Yu Xin Tai	• •					1.1	1		6.6	91
Existence and dimensionality of simple w	veight	modu	les for	quant	um en	velopu	ig alge	bras		95
Zhiyong Shi	1.1		4.4		- 10 C			19.15		35
Free commutative semifields										
B.J. Gardner			•.•		-		8.8			41
On the width of a planar convex set con	tainin	g sero	or one	lattic	e pom	ES .				-
Paul R. Scott				100				1010	• •	47
On topological entrony of triangular may	os of	the squ	Iare							
Lluís Alsedà, Sergii F. Kolyada and	Lubo	mír Sr	ioha				19.18		4.4	55
A note on hounds of cardinal functions i	n the	closed	Dreun	lage						
Edward S. Miller								14	1.1	69
The implications for differentiability of a	a weal	k inde	c of no	n-com	pactne	:55				
John R. Giles and Warren B. Moors	8	1.00							24	75
On semigroups with involution										-
D Easdown and W.D. Munn		1		416				8191		93
A characterisation of Riemannian foliati	ons a	nd tot	ally un	ibilical	l subm	anifold	ls			
Ph. Tondeur and L. Vanhecke						1.4		•-•1		101
Necessary and sufficient fixed point crite	eria i	nvolvin	ig attra	actors						
Jacek Jachymski	-					6.6				109
Invexity at a point: generalisations and	classi	fication	n							
S. Mititelu and I.M. Stancu-Minasia	an									117
Periodic solutions and Galerkin approxi	matio	ns to	he aut	onom	ous rea	action-	diffusio	n		
equations										
Arnold Dikansky			-							127
Two graph-colouring games		- A. A								
Frank Harary and Zsolt Tuza		1.00			1.0	1.00	81.8°			141
Polynomial density of commutative sem	igrou	DS								
Andrezej Kisielewicz and Norbert M	Jewrl	v					alar)			151
Andrezej Alstelewicz and Norbert I	mala	perato			E Carte					
On joint spectra of non-commuting nor Alan J Pryde and Andrzej Sołtysia	L.	beratt					125	100		163
Alan J Pryde and Andrzej Softysia	•		-							

# ABSTRACTS OF AUSTRALASIAN Ph.D. THESES

Varieties of quasigroups and related topics								171
Darryn E. Bryant		3.8			*:*:	2.2		101
Finite irreducible linear 2-groups of degree 4								173
D.L. Flannery	1202			÷.			4.9) 	113
A mathematical analysis of reaction diffusion	system	is in cl	hemical	and	biologi	al rea	ictors	
with macro and micro structures								175
Aroon A. Parshotam		-						
ns Was arryin 1017 Buny 972700 EE79 Published online by Cambridge L	Iniversity	Dress					August	, 1993

https://doi.org/10.0017/S0004972700015379.Published online by Cambridge University Press