### 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  $A_{MA}S$ -TEX. Authors who are able to do so are invited to prepare their manuscripts using  $A_{MA}S$ -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

<b>Torsion-free Abelian groups</b>				and the second second						
Theodore G. Faticoni	e(:e)		#1(#)	2.8					X 10	177
Rings with quasi-injective id										
George Ivanov	a. a. (a) (a) (				() (A)	e. •		10.00	e e	197
<b>Optimality conditions for m</b>	ultiobjectiv	e and p	nonsm	ooth n	ninimis	ation i	n abst	ract sp	aces	
L. Coladas, Z. Li and S.	Wang		1000		arat		a: e.		4.6	205
On strong convergence of ar	rays									
Yong-Cheng Qi		4.4	18 M		66	2.8	100	1913 1913	8.6	219
An application of Jacobi typ	e polynomi	als to	irratio	nality	measu	res				
Ari Heimonen, Tapani I	Matala-aho	and K	eijo V	äänäne	en		<b>1</b>			225
Twists of matrix algebras an	id some sub	group	s of B	rauer p	groups	п				
Wenchen Chi	4. 4. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.				87.87		(m)(m)	100.0	x +:	245
Topological transversality: a	pplications	to diff	erenti	al equi	ations					
T. Sengadir and A.K. P	ani .		80 (M)				6.60	1000	4.6	251
A Littlewood and Paley-type	e inequality	on th	e ball							
Jun Soo Choa and Hon	g Oh Kim	3.8		14 X	4147	14 M	100	1414		265
Méthodes fonctionnelles pou	ır la transce	endenc	e en c	aracté	ristique	finie				
Laurent Denis							£.4.	19 F	1.e.	273
On prime right alternative r	rings with c	ommu	tators	in the	left nu	cleus				
Erwin Kleinfeld and Ha	rry F. Smit	h					2.2	15.15		287
Schrödinger operators with	magnetic a	nd elec	tric p	otentis	ds					
Yu Kaiqi			10 M			• •	8 C (8)		4.(T)	299
A note on intermediate norm	malising ext	ension	IS							
S. Dăscălescu and L. va					4.4			10.0	a a:	313
On some inequalities for eler										
Mi Lin and Neil S. Truc	dinger	4.4		* *	4.2	12.22	a. 67	a 4	2020	317
Power roots of polynomials	over arbitra	ary fiel	ds							
Vincenzo Acciaro		14 A		÷ .			8.6	14 A	6.0	327
Projective and affine transfo										
Novica Blažić and Neda										337
Remarks concerning the 2-H	Hilbert class	field	of ima	ginar y	quadra	ntic nu	mber f	fields:	Corrigend	a
Elliot Benjamin			0.000			a a	*: (*)	1.00	<b>H</b> (0)	351

# ABSTRACTS OF AUSTRALASIAN Ph.D. THESES

	various propert	

Abdollah Khodkar	 6.9	10 C 1	 10 C	1.6 1.6	349