

BULLETIN

Volume 7 (1972)

of the Australian Mathematical Society

Number 3

U. B. Tewari	<i>Isomorphisms of some convolution algebras and their multiplier algebras</i>	321
W. J. Padgett	<i>Mean-square stability of a class of stochastic integral equations</i>	337
N. H. Williams	<i>Transversals of squares</i>	353
G. E. Strecker	<i>Epireflection operators vs perfect morphisms and closed classes of epimorphisms</i>	359
C. J. Knight	<i>Remainders of metric completions</i>	367
Herbert S. Gaskill	<i>On the relation of a distributive lattice to its lattice of ideals</i>	377
Richard A. Levaro	<i>A note on flabby sheaves</i>	389
L.-C. Kappe and W. P. Kappe	<i>On three-Engel groups</i>	391
N. R. Reilly	<i>Free generators in free inverse semigroups</i>	407
Chin-Hung Ching and Charles K. Chui	<i>Representation of a function in terms of its mean boundary values</i>	425
Ivan Baggs	<i>Maximal perfect spaces</i>	429
J. R. J. Groves	<i>On varieties of soluble groups II</i>	437
J. R. Holub	<i>Bounded approximate identities and tensor products</i>	443
Peter Freyd	<i>Aspects of topoi: Corrigenda and acknowledgements</i>	467
Abstracts of Australasian Ph.D. theses		
Peter James Taylor	<i>The effect of beam seas on a stationary ship in shallow water</i>	447
J. J. M. Chadwick	<i>Bases of projections in Banach spaces with an appendix on non-standard analysis</i>	448
P. J. Thomson	<i>Phase measurements and narrow spectral band inference</i>	449
D. F. Nicholls	<i>Inference problems for vector linear time series models</i>	451
G. C. O'Brien	<i>Almost periodic and quasi-periodic solutions of differential equations</i>	453
Jørgen Segerlund Frederiksen	<i>The analytic properties of the triangle and box diagram amplitudes</i>	455
D. J. McCaughan	<i>Subnormal structure in infinite soluble groups</i>	457
Yu Kiang Leong	<i>The CREAM conjecture and certain abelian-by-nilpotent varieties</i>	459
William Haebich	<i>The multiplier of various products of groups</i>	461
James Murray Hill	<i>Some partial solutions of finite elasticity</i>	463

Bull. Austral. Math. Soc. Vol. 7 (1972), No. 3, pp. 321-480

THE UNIVERSITY OF QUEENSLAND PRESS
ST LUCIA, QUEENSLAND 4067

Registered in Australia for transmission by post as a periodical

THE AUSTRALIAN MATHEMATICAL SOCIETY

President: G. Szekeres University of New South Wales
Secretary: W. Pye Melbourne College of Education,
 Grattan and Swanston Streets, Carlton,
 Victoria 3053, Australia
Treasurer: V. G. Hart Department of Mathematics,
 University of Queensland
 St Lucia, Queensland 4067, Australia.

(These officers serve until May 1973)

Membership and correspondence

Applications for membership, notices of change of address or title or position, and other correspondence, except as noted below, should be sent to the Secretary (address above). Subscriptions and correspondence related to accounts should be sent to the Treasurer (address above). Correspondence about the distribution of the Society's JOURNAL and BULLETIN, and orders for back numbers, should be sent to the Business Manager, whose address is the same as the Treasurer's (above).

Publications

The JOURNAL of the Australian Mathematical Society began publication in 1959, and now appears in two volumes, each of four parts, annually. Manuscripts for publication should be sent to the Editor:

Professor B. Mond,
Department of Mathematics,
La Trobe University,
Bundoora, Victoria 3083, Australia,

or to one of the Associate Editors listed in a recent part of the JOURNAL.

The BULLETIN of the Australian Mathematical Society began publication in 1969. Two volumes of three numbers each are published annually. Manuscripts for publication should be sent to the Editor:

Professor B. H. Neumann,
Department of Mathematics,
Institute of Advanced Studies,
Australian National University,
POB4, Canberra, ACT 2600, Australia,

or to the Associate Editor, Dr L. G. Kovács, at the same address.

Authors receive 50 free offprints of their papers and may order more at cost. Offprint orders and correspondence about proofs should be sent to one of the Assistant Editors:

Associate Professor A. McMullen, or
Department of Mathematics,
Royal Military College,
Duntroon, ACT 2600, Australia.

Dr. S. Yamamuro,
Department of Mathematics,
Institute of Advanced Studies,
Australian National University,
POB4, Canberra, ACT 2600, Australia.

(Continued inside back cover)