BULLETIN Volume 2 (1970)

of the Australian Mathematical Society

Number 2

A. F. Pillow	*Diffusion and convection in viscous flow*	145
Sidney A. Morris	*Varieties of topological groups III*	165
Martin Ward	*Totally unordered subsets of a partially well ordered set*	179
A. J. van der Poorten	*A generalisation of Turán's main theorems to binomials and logarithms*	183
W. A. Coppel and K. J. Palmer	*Averaging and integral manifolds*	197
A. G. Pakes	*An asymptotic result for a subcritical branching process with immigration*	223
J. M. Campbell	*A note on flasque sheaves*	229
A. Mukherjea	*A Stone-Weierstrass theorem for random functions*	233
Dieter K. Ross	*The Dirichlet boundary value problem for two non-overlapping spheres*	237
Frank Levin	*One variable equations over semigroups*	247
R. J. Loy	*Identities in tensor products of Banach algebras*	253
Jason Gait	*Spaces having no large dyadic subspace*	261
John Poland	*Extensions of finite nilpotent groups*	267
B. J. Gardner	*A note on types*	275
Abstracts of Australasian Ph.D. theses		
T. C. Chau	*The laws of some nilpotent groups of small rank*	277
P. W. Aitchison	*Some characterisations of the ellipsoid and the Minkowski theory of reduction*	280
Warren Brisley	*Some problems in varieties of groups*	281
I. H. Farouqi	*On an infinite integral linear group*	283
J. C. Meakin	*Congruences on orthodox semigroups*	285
Narendra Kumar Sinha	*Propagation of Magnetohydrodynamic shock waves in stellar interiors*	287

Bull. Austral. Math. Soc. Vol. 2 (1970) No. 2, pp. 145–288

THE UNIVERSITY OF QUEENSLAND PRESS
ST LUCIA, QUEENSLAND 4067

Registered in Australia for transmission by post as a periodical

https://doi.org/10.1017/S0004972700041757 Published online by Cambridge University Press

THE AUSTRALIAN MATHEMATICAL SOCIETY

President:	C. S. Davis	University of Queensland
Secretary:	W. Pye	Secondary Teachers' College, Victoria, 3052
Treasurer:	V. G. Hart	University of Queensland

(These officers serve until May 1970)

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, Australian Mathematical Society,
Secondary Teachers' College,
Swanston Street, Parkville, Victoria 3052, Australia.

Subscriptions and correspondence related to accounts should be addressed to:

The Treasurer, Australian Mathematical Society,
Department of Mathematics,
University of Queensland,
St Lucia, Queensland 4067, Australia.

Correspondence about the distribution of the Society's JOURNAL and BULLETIN should be addressed to:

The Business Manager, Australian Mathematical Society,
Department of Mathematics,
University of Queensland,
St Lucia, Queensland 4067, Australia.

The annual subscription is $50 for Institutions and $12 for Ordinary Members. Junior Members (undergraduate and junior graduate students) may ask to have their subscription reduced to $5 p.a. Members of other mathematical societies with which the Australian Mathematical Society has entered into reciprocity agreements are admitted to membership and its privileges at half the current rates, if they are not normally resident in Australia.

Members of the Society receive copies of the JOURNAL free, and may subscribe to the BULLETIN at the price of $4 per volume. From 1970 on, Members may elect to receive the BULLETIN instead of the JOURNAL.

The JOURNAL of the Australian Mathematical Society

The JOURNAL began publication in 1959. One volume of four parts is published annually, at a price of $15. Subscription orders and orders for back numbers should be sent to the Business Manager (address above). 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.

(Continued inside back cover)

https://doi.org/10.1017/S0004972700041757 Published online by Cambridge University Press