

THE JOURNAL
of
THE AUSTRALIAN MATHEMATICAL
SOCIETY

VOLUME XIX - (SERIES A) - PART 4

JUNE 1975

D. GILDENHUYS	<i>One-relator groups that are residually of prime power order</i>	385
MARJORY J. JOHNSON	<i>Maximal right ideals of transformation near-rings</i>	410
J. S. V. SYMONS	<i>Some results concerning a transformation semigroup</i>	413
S. K. HILDEBRAND and HAROLD WILLIS MILNES	<i>Minimal arcs in metric spaces</i>	426
M. D. ATKINSON	<i>Ordering finite groups by involvement</i>	431
B. HARTLEY	<i>A class of modules over a locally finite group II</i>	437
R. P. SULLIVAN	<i>Generalised partial transformation semigroups</i>	470
H. H. BRUNGS	<i>Filters and overrings</i>	474
B. P. GARFOOT	<i>Nonlinear symmetric bending of circular elastic plates</i>	481
LOUIS RAYMON and DAVID E. TEPPER	<i>Star center points of starlike functions</i>	505
	<i>(Index)</i>	511

Published for
THE AUSTRALIAN MATHEMATICAL SOCIETY
by Jerusalem Academic Press — Jerusalem — Israel

THE JOURNAL

Two volumes of four parts are published annually at a price of A\$30 per volume, in 1975. Manuscripts (two copies) for publication should be sent to the editor. Authors are asked to follow the instructions in the American Mathematical Society: *A manual for authors of mathematical papers* except as indicated on the outside cover of this Journal.

Editor of the Journal

J. N. Crossley, Department of Mathematics, Monash University, Clayton 3168, Australia. Correspondence concerning the printing of papers after their acceptance for publication should be addressed to one of the Assistant Editors:

J. R. J. Groves	Department of Mathematics, University of Melbourne Parkville 3052, Australia
or	
D. K. Ross	Department of Mathematics, La Trobe University, Bundoora 3083, Australia.

THE AUSTRALIAN MATHEMATICAL SOCIETY

President:	H. S. Green	University of Adelaide
Secretary:	W. Pye	Melbourne State College, 757 Swanston Street, Carlton, Australia 3053.
Treasurer:	V. G. Hart	Department of Mathematics, University of Queensland, St. Lucia, Australia 4067.
Business Manager:	H. M. Finucan	Department of Mathematics, University of Queensland, St. Lucia, Australia 4067.
Membership subscriptions:	Institutions:	A\$100
	Other members:	A\$16 (which may be reduced to A\$6 for under- graduates and junior graduates).

Reciprocity agreements: Such agreements have been made with a number of other mathematical societies. Under the agreements members of the other societies who are not normally resident in Australia may join the Australian Mathematical Society at half the current rates.

Membership and correspondence: Applications for membership, notice of change of address or title or position, and other correspondence should be sent to the Secretary. Subscriptions and correspondence related to accounts should be sent to the Treasurer. Correspondence about the distribution of the Society's GAZETTE, JOURNAL and BULLETIN, and orders for back numbers, should be sent to the Business Manager.

Members of the Society receive copies of the GAZETTE free, and may subscribe to either of the Society's research publications, the JOURNAL or the BULLETIN at the price of A\$8 per year.
