THE JOURNAL
of
THE AUSTRALIAN MATHEMATICAL SOCIETY

VOLUME XVI - PART 4

DECEMBER 1973

PAUL CONRAD	*The hulls of representable l-groups and f-rings* . . .	385
JOHN BORIS MILLER	*Quotient groups and realization of tight Riesz groups* .	416
B. HARTLEY	*A class of modules over a locally finite group I* . . .	431
G. B. PRESTON	*Free inverse semigroups*	443
ROGER LYNDON	*Two notes on Rankin's book on the modular group* . .	454
A. KARRASS, A. PIETROWSKI and D. SOLITAR	*Finite and infinite cyclic extensions of free groups* . .	458
J. D. P. MELDRUM	*The representation of d.g. near rings*	467
M. F. NEWMAN	*Some varieties of groups*	481
W. J. WONG	*A theorem on generation of finite orthogonal groups* .	495
J. W. WAMSLEY	*Groups with trivial Schur multiplicator*	507
	Index to Volume XVI	511

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

https://doi.org/10.1017/S1446788700015378 Published online by Cambridge University Press

THE JOURNAL

Two volumes of four parts are published annually at a price of A$25 per volume, in 1973.
Manuscripts (two copies) for publication should be sent either to the editor or to the appropriate associate editor at the address given on the inside back cover.
Authors are asked to read the section "Preparation of Manuscripts" on the outside cover.

Editor of the Journal

B. MOND, Department of Mathematics, La Trobe University, Bundoora, Victoria 3083.

Associate Editors

E. S. BARNES,
Department of Mathematics,
University of Adelaide,
Adelaide, South Australia 5001

J. N. CROSSLEY,
Department of Mathematics,
Monash University,
Clayton, Victoria 3168

T. E. HALL,
Department of Mathematics,
Monash University,
Clayton, Victoria 3168

V. G. HART,
Department of Mathematics,
University of Queensland,
St. Lucia, Queensland 4067

C. C. HEYDE,
Department of Statistics,
School of General Studies,
Australian National University,
P. O. Box 4,
Canberra, A. C. T. 2600

C. A. HURST,
Department of Mathematical Physics,
University of Adelaide,
Adelaide, South Australia 5001

J. B. MILLER,
Department of Mathematics,
Monash University,
Clayton, Victoria 3168

A. F. PILLOW,
Department of Mathematics,
University of Queensland,
St. Lucia, Queensland 4067

J. P. O. SILBERSTEIN,
Department of Mathematics,
The University of Western Australia,
Nedlands, Western Australia 6009

E. STRZELECKI,
Department of Mathematics,
Monash University,
Clayton, Victoria 3168

G. SZEKERES,
School of Mathematics,
The University of New South Wales,
P. O. Box 1,
Kensington, N. S. W. 2033

J. VIRSIK,
Department of Mathematics,
Monash University,
Clayton, Victoria 3168

G. E. WALL,
Department of Mathematics,
(Pure Mathematics).
University of Sydney,
Sydney, N. S. W. 2006

K. C. WESTPOLD,
Faculty of Science,
Monash University,
Clayton, Victoria, 3168

Correspondence concerning the printing of papers after their acceptance for publication should be addressed to one of the Assistant Editors:

A. R. JONES
or
D. K. Ross

Department of Mathematics,
La Trobe University,
Bundoora, Victoria, 3083

Authors receive 50 free offprints of their papers; additional offprints may be ordered at cost. Excessive costs incurred by the Society through corrections to or the withdrawal of articles may be charged to the authors concerned.

https://doi.org/10.1017/S1446788700015378 Published online by Cambridge University Press