

THE JOURNAL *of* THE AUSTRALIAN MATHEMATICAL SOCIETY

VOLUME V - PART 3

AUGUST 1965

<i>On Fourier transforms of radial functions . . .</i>	JAMES L. GRIFFITH	289
<i>Serial dependence of a Markov process . . .</i>	B. D. CRAVEN	299
<i>Boolean powers of simple groups.</i>	B. H. NEUMANN and SADAYUKI YAMAMURO	315
<i>On digital distribution in some integer sequences</i>	B. D. CRAVEN	325
<i>Integral operator methods for generalized axially symmetric potentials in $(n+1)$ variables .</i>	R. P. GILBERT and H. C. HOWARD	331
<i>The propagation of plane waves in plastic solids</i>	G. J. COOPER and J. W. CRAGGS	349
<i>On the rate of convergence of waiting times . . .</i>	C. K. CHEONG and C. R. HEATHCOTE	365
<i>On the completeness of Galois theories . . .</i>	M. VENKATARAMAN and T. SOUNDARARAJAN	374
<i>On functions of bounded ω-variation, II . . .</i>	P. C. BHAKTA	380
<i>An example of a function with non-analytic iterates</i>	M. LEWIN	388
<i>Remark on the defining relation of the σ-symbols</i>	H. A. BUCHDAHL	393
<i>Topological wreath products</i>	A. LAKSHMI	396

Published for
THE AUSTRALIAN MATHEMATICAL SOCIETY
by P. Noordhoff NV - Groningen - The Netherlands

OFFICERS OF THE SOCIETY

<i>President:</i>	B. H. NEUMANN
<i>Vice-Presidents:</i>	J. R. M. RADOK, G. E. WALL
<i>Treasurer:</i>	C. S. DAVIS
<i>Secretary:</i>	C. J. F. UPTON
<i>Editor:</i>	G. B. PRESTON
<i>Assistant Editor:</i>	J. B. MILLER
<i>Other Members of the Council:</i>	H. C. LEVEY, E. J. WILLIAMS, D. ELLIOTT, G. B. PRESTON, A. F. PILLOW, J. B. DOUGLAS

Manuscripts for publication in the *Journal* should be sent to the Editor:

Professor G. B. PRESTON,
Journal of the Australian Mathematical Society,
Department of Mathematics,
Monash University, P. O. Box 92, Clayton, Victoria.

Correspondence concerning papers after their acceptance for publication should be addressed to the Assistant Editor:

Professor J. B. MILLER,
Journal of the Australian Mathematical Society,
Department of Mathematics,
Monash University, P. O. Box 92, Clayton, Victoria.

All subscriptions and correspondence connected with accounts should be addressed to the Treasurer:

Professor C. S. DAVIS,
The Australian Mathematical Society,
Department of Mathematics,
University of Queensland, St. Lucia, S. W. 6, Brisbane, Queensland.

All other correspondence (such as orders for the *Journal*, and correspondence concerning exchanges), should be addressed to the Business Manager:

Dr. E. T. STELLER,
The Australian Mathematical Society,
Department of Mathematics,
University of Queensland, St. Lucia, S. W. 6, Brisbane, Queensland.

Each volume of the *Journal* consists of four parts.

Intending authors are asked to read the section 'Preparation of Manuscripts' on the inside back cover. Authors of papers printed in the *Journal* receive 50 copies free; additional copies may be ordered at cost. Excessive costs incurred by the Society through corrections or withdrawal of articles may be charged to the authors concerned.