

The following papers have been accepted for publication and will appear shortly:

- SMITH, M. G. The isotropic scattering of radiation from a point source in a finite spherical atmosphere.
- SMITH, R. A. Bounds for the characteristic exponents of linear systems.
- LEHNIGK, SIEGFRIED H. Quadratic forms as Liapunov functions for linear differential equations with real constant coefficients.
- SRIVASTAV, R. P. and NARAIN, P. Certain two-dimensional problems of stress distribution in wedge-shaped elastic solids under discontinuous load.
- MAUNDER, C. R. F. On the differentials in the Adams spectral sequence for the stable homotopy groups of spheres. II.
- KNIGHT, BRIAN. Alternative formulation of quantum mechanics.
- ROBERTSON, S. A. and SCHWARZENBERGER, R. L. E. Vector bundles that fill n -space.
- KELLY, G. M. Chain maps inducing zero homology maps.
- SRIVASTAVA, H. M. Some expansions of generalized Whittaker functions.
- NIGAM, G. D. A note on Milne-Thomson's general solution of Navier-Stokes equations.
- PURUSHOTHAMA, C. M. Magneto-thermo-elastic plane waves.
- SHAIL, R. On the forced torsional oscillations of an elastic cylinder.
- NAYLOR, DEREK. On a Sturm-Liouville expansion in series of Bessel functions.
- WARD, A. J. Notes on general topology, I.
- WARD, A. J. Notes on general topology, II.
- WARD, A. J. Notes on general topology, III.
- BARRATT, P. J. and COLLINS, W. D. The scattering cross-section of an obstacle in an elastic solid for plane harmonic waves.
- HEADING, J. Refractive index profiles based on the hypergeometric equation and the confluent hypergeometric equation.
- CÁC, N. P. On Dieudonné's paper 'Sur les espaces de Köthe'.

CONTENTS OF BIOLOGICAL REVIEWS

Vol. 40, No. 3. August 1965

- J. D. OVINGTON. Organic production, turnover and mineral cycling in woodlands.
- ROBERT S. SOKAL. Statistical methods in systematics.
- D. H. ELLIOTT. Structure and function of mammalian tendon.
- J. T. DINGLE and J. A. LUCY. Vitamin A, carotenoids and cell function.

CONTENTS

	PAGE
BERNAU, S. J. On semi-normal lattice rings	613
ELLIOTT, R. J. Two notes on spectral synthesis for discrete Abelian groups	617
MCALISTER, D. B. On multilattice groups	621
ARMSTRONG, M. A. On the fundamental group of an orbit space	639
NEUWIRTH, LEE. In-groups, coverings, and imbeddings	647
HIRSCH, MORRIS W. On embedding 4-manifolds in R^7	657
WALL, C. T. C. Unknotting tori in codimension one and spheres in codimension two	659
HALTON, JOHN H. The distribution of the sequence $\{n\xi\}$ ($n = 0, 1, 2, \dots$)	665
GODWIN, H. J. On the least quadratic non-residue	671
RAJAGOPAL, C. T. and REDDY, A. R. On a functional equation	673
BEARDON, A. F. On the Hausdorff dimension of general Cantor sets	679
ASHOUR, A. A. Note on the relations between series equations and integral equations	695
NASH-WILLIAMS, C. St. J. A. On well-quasi-ordering infinite trees	697
MULHOLLAND, H. P. On the degree of smoothness and on singularities in distributions of statistical functions	721
BRUALDI, R. A. and NEWMAN, M. Inequalities for permanents and permanental minors	741
BARNETT, V. D. Wald's identity and absorption probabilities for two-dimensional random walks	747
RAO, J. KRISHNA and VAIDYA, P. C. Gravitational radiation in homogeneous cosmological models with space-sections of constant negative curvature	763
FAULKNER, T. R. Diffraction by a perfectly conducting wedge in an anisotropic plasma	767
MILLAR, R. F. On a transformation of use in multiple scattering problems	777
WOOD, W. W. Linear equations with elements $(1/m)k(n/m) + \delta_{nm}$ and infinitely many variables	781
SARMA, G. N. A general theory of unsteady compressible boundary layers with and without suction or injection	795
SARMA, G. N. Unified theory for the solutions of the unsteady thermal boundary-layer equation	809
DAVIS, A. M. J. Two-dimensional oscillations in a canal of arbitrary cross-section	827