

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

- COHAN, NORAH. The spherical harmonics with the symmetry of the icosahedral group.
- ADAMS, J. F. An example in homotopy theory.
- TUKEY, JOHN W. Antithesis or regression?
- MAULDON, J. G. On non-dissipative Markov chains.
- FULLER, A. T. Stability criteria for linear systems and realizability criteria for RC networks.
- CODE, R. The charge density near a sharp point on a conductor.
- POLKINGHORNE, J. C. On the Yang-Feldman formalism.
- ELCOCK, E. W. The cooperative behaviour of a two-dimensional defect crystal.
- MOLINER, F. GARCIA and SIMONS, S. An extension of the general variational principle of transport theory.
- MUSGROVE, M. J. P. On whether elastic waves possess cuspidal edges.
- BESICOVITCH, A. S. On homoeomorphism of perfect plane sets.
- BARTHOLOMEUSZ, E. F. The reflexion of long waves at a step.
- BURKILL, J. C. An integral for distributions.
- ZEEMAN, E. C. The lack of universal coefficient theorems for spectral sequences.
- MORAN, P. A. P. Random processes in genetics.
- SCIAMA, D. W. On a non-symmetric theory of the pure gravitational field.
- DVORETZKY, A., ERDŐS, P., KAKUTANI, S. and TAYLOR, S. J. Triple points of Brownian paths in 3-space.

CONTENTS OF BIOLOGICAL REVIEWS

Vol. 32, Part 3. August 1957

- ARTHUR HESS. The experimental embryology of the foetal nervous system.
- LOTHAR GEITLER. Die sexuelle Fortpflanzung der pennaten Diatomeen.
- C. R. AUSTIN & M. W. H. BISHOP. Fertilization in mammals.

CONTENTS

	PAGE
BAUMSLAG, GILBERT. A theorem on infinite groups	545
BARNETT, I. A. and ABIAN, S. Some properties of skew-symmetric elements of a ring	549
REES, D. Polar modules	554
BHATTACHARYA, P. B. The Hilbert function of two ideals	568
RUSTON, A. F. Conjugate Banach spaces	576
RINGROSE, J. R. Precompact linear operators in locally convex spaces	581
NOBLE, M. E. A converse theorem on overconvergence of sequences of partial sums	592
CHESTER, C., FRIEDMAN, B. and URSELL, F. An extension of the method of steepest descents	599
FRANKLIN, JOEL, and FRIEDMAN, BERNARD. A convergent asymptotic representation for integrals	612
FOX, CHARLES. Some applications of Mellin transforms to the theory of bivariate statistical distributions	620
BROADBENT, S. R. and HAMMERSLEY, J. M. Percolation processes. I. Crystals and mazes	629
HAMMERSLEY, J. M. Percolation processes. II. The connective constant	642
COCHRAN, W. A suggested experiment on the clock paradox	646
BRUSH, S. G. A simplified method for integrating over Feynman histories	651
PERCIVAL, I. C and SEATON, M. J. The partial wave theory of electron-hydrogen collisions	654
FROESE, CHARLOTTE and HARTREE, D. R. Wave functions for the normal states of Ne^{+3} and Ne^{+4}	663
BUDDEN, K. G. and CLEMMOW, P. C. Coupled forms of the differential equations governing radio propagation in the ionosphere. II	669
KARP, S. N. and WILLIAMS, W. ELWYN. Equivalence relations in diffraction theory	683
JONES, D. S. and WHITHAM, G. B. An approximate treatment of high-frequency scattering	691
SIMONS, S. The absorption of very high frequency sound in dielectric solids	702
MARTÍNEK, J., YEH, G. C. K and ZORN, H. Potential and stream function of a vortex disk in the presence of a rigid sphere	717
BASSALI, W. A. The transverse flexure of thin elastic plates supported at several points	728
BASSALI, W. A. The transverse flexure of thin perforated elastic plates supported at several points	744
BASSALI, W. A. and DAWOUD, R. H. Green's functions for thin isotropic plates containing holes	755
SCHEUER, P. A. G. A statistical method for analysing observations of faint radio stars	764
 RESEARCH NOTES:	
STEWARTSON, K. The dispersion of a current on the surface of a highly conducting fluid	774
GRÜNBAUM, B. A simplified proof of Borsuk's conjecture in three dimensions	776
LEECH, JOHN. Some solutions of Diophantine equations	778

*Printed in Great Britain at the University Press, Cambridge
(Brooke Crutchley, University Printer)*