

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

- HARROP, R. An investigation of the propositional calculus in a particular system of logic.
- MORAN, P. A. P. The translations of linear sets of fractional dimensions.
- PENNINGTON, W. B. On Ingham summability and summability by Lambert series.
- DAVIES, R. O. and LEECH, J. W. The statistics of scaled random events.
- BUDDEN, K. G. A reciprocity theorem on the propagation of radio waves via the ionosphere.
- BEALE, E. M. L. An alternative method for linear programming.
- CHERRY, T. M. On Kepler's equation.
- NISBET, A. and WOLF, E. On linearly polarized electromagnetic waves of arbitrary form.
- MCCARTHY, I. E. Physical properties of particles obeying generalized statistics.
- WILKINSON, J. H. The calculation of the latent roots and vectors of matrices on the pilot model of the ACE.
- DIANANDA, P. H. The central limit theorem for  $m$ -dependent variables.
- MACK, C. The expected number of clumps when convex laminae are placed at random on a plane area.
- SLATER, L. J. Expansions of generalized Whittaker functions.
- KEMMER, N. A remark on quantum mechanical perturbation theory.
- EDEN, R. J. Covariant integral equations for Heisenberg operators.
- HARTREE, D. R. The evaluation of a diffraction integral.
- CORNOCK, A. F. The numerical solution of Poisson's and the bi-harmonic equations by matrices.
- DEAN, W. R. Note on the Green's function of an elastic plate.

## CONTENTS OF BIOLOGICAL REVIEWS

Vol. 29, Part 3. August 1954

D. H. M. WOOLLAM & J. W. MILLEN. Perivascular spaces of the mammalian central nervous system.

ALEX COMFORT. Biological aspects of senescence.

DAVID E. GREEN. Fatty acid oxidation in soluble systems of animal tissues.

## CONTENTS

	PAGE
NORTHCOTT, D. G. and REES, D. A note on reductions of ideals with an application to the generalized Hilbert function . . . . .	353
ROTH, L. Pseudo-Abelian varieties . . . . .	360
SAMET, P. A. The product of non-homogeneous linear forms. I . . . . .	372
SAMET, P. A. The product of non-homogeneous linear forms. II. The minimum of a class of non-homogeneous linear forms . . . . .	380
EGGLESTON, H. G. A measureless one-dimensional set . . . . .	391
SLATER, L. J. Some new results on equivalent products . . . . .	394
SLATER, L. J. The evaluation of the basic confluent hypergeometric functions . . . . .	404
PAGE, E. S. The Monte Carlo solution of some integral equations . . . . .	414
FREEDMAN, A. L. Elimination of waiting time in automatic computers with delay-type stores . . . . .	426
BASTIN, E. W. and KILMISTER, C. W. Eddington's theory in terms of the concept of order	439
TYABJI, S. F. B. A quantum theory for non-viscous fluids in the Lagrange variables	449
STEWARTSON, K. Further solutions of the Falkner-Skan equation . . . . .	454
PAYNE, L. E. On axially symmetric crack and punch problems for a medium with transverse isotropy . . . . .	466
WRIGHT, G. H. A geometrical factor in the variability of sensations of warmth evoked by radiation . . . . .	477
<b>RESEARCH NOTES:</b>	
ELLIS, D. On the topolattice and permutation group of an infinite set. II . . . . .	485
GREEN, A. E. A note on second-order effects in the torsion of incompressible cylinders	488
PRICE, P. C. Gauss's formula of numerical integration and the design of experiments . . . . .	491

Dutch Photo Reprint