

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

SMITH, W. L. On the distribution of queueing times.

CLEMMOW, P. C. and SENIOR, T. B. A. A note on a generalized Fresnel integral.

FRIEDLANDER, F. G. On the oscillations of a bowed string.

PACK, D. C. A note on the unsteady motion of a compressible fluid.

CHANDRASEKHAR, S. and ELBERT D. The roots of $J_{-(l+\frac{1}{2})}(\lambda\eta)J_{l+\frac{1}{2}}(\lambda) - J_{l+\frac{1}{2}}(\lambda\eta)J_{-(l+\frac{1}{2})}(\lambda) = 0$.

CHALK, J. H. H. A theorem of Minkowski on the product of two linear forms.

AGARWAL, R. P. On the partial sums of series of hypergeometric type.

REIFENBERG, E. R. A separation theorem for finite sets of plane continua.

NEVILLE, E. H. The codifying of tree structure.

JONES, D. S. The eigenvalues of $\nabla^2 u + \lambda u = 0$ when the boundary conditions are given on semi-infinite domains.

EGGLESTON, H. G. A correction to a paper on the dimension of Cartesian product sets.

ROSE, A. A formalization of an \aleph_0 -valued propositional calculus.

LIGHTHILL, M. J. On the energy scattered from the interaction of turbulence with sound or shock waves.

NORTHCOTT, D. G. Some results concerning the local analytic branches of an algebraic variety.

DODD, K. N. A case of gaseous accretion.

URSELL, F. The long-wave paradox in the theory of gravity waves.

SMITH, W. L. A frequency-function form of the central limit theorem.

LONGUET-HIGGINS, M. S. On the decrease of velocity with depth in an irrotational water wave.

TODD, J. A. On the invariants of the canonical system of a V_d .

RAMAKRISHNAN, A. Stochastic processes associated with random divisions of a line.

CONTENTS OF BIOLOGICAL REVIEWS

Vol. 28, Part 1. February 1953

K. H. MANN. The segmentation of leeches.

F. R. HARDEN JONES and N. B. MARSHALL. The structure and functions of the teleostean swimbladder.

PHYLLIS M. STOCKDALE. Nutritional requirements of the dermatophytes.

C O N T E N T S

	PAGE
ROUTLEDGE, N. A. Ordinal recursion	175
ROBERTS, G. T. Bounded-weak topologies and completeness in vector spaces	183
DAVENPORT, H. On the product of n linear forms	190
OLLERENSHAW, KATHLEEN. An irreducible non-convex region	194
SILBERSTEIN, J. P. O. On eigenvalues and inverse singular values of compact linear operators in Hilbert space	201
SALAM, ABDUS. Fredholm solutions of partial integral equations	213
EDMONDS, SHEILA M. The Parseval formulae for monotonic functions. IV	218
WILKES, M. V. and STRINGER, J. B. Micro-programming and the design of the control circuits in an electronic digital computer	230
DIANANDA, P. H. Some probability limit theorems with statistical applications	239
REUTER, G. E. H. and LEDERMANN, W. On the differential equations for the transition probabilities of Markov processes with ennumerably many states	247
BARTLETT, M. S. Recurrence and first passage times	263
GOOD, I. J. The serial test for sampling numbers and other tests for randomness	276
GÜRSEY, FEZA. Gravitation and cosmic expansion in conformal space-time	285
WILSON, A. H. The diamagnetism of quasi-bound conduction electrons	292
HINES, C. O. Generalized magneto-hydrodynamic formulae	299
CAPILDEO, R. Flexure with shear centres: a general treatment with complex variable .	308
DEAN, W. R. The Green's function of an elastic plate	319
SOWERBY, L. The couple on a rotating spheroid in a slow stream	327
STEWARTSON, K. On the flow between two rotating coaxial disks	333
DARWIN, SIR CHARLES. Note on hydrodynamics	342
JAEGER, J. C. Conduction of heat in a solid with periodic boundary conditions, with an application to the surface temperature of the moon.	355
RESEARCH NOTES:	
BARNES, E. S. Note on non-homogeneous linear forms	360
MORGAN, G. W. Remarks on the problem of slow motions in a rotating fluid	362
CASSELS, J. W. S. Yet another proof of Minkowski's theorem on the product of two inhomogeneous linear forms	365

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