

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

BURGESS, D. C. J. Generalized intervals in partially ordered groups.

NASH-WILLIAMS, C. ST J. A. Random walk and electric currents in networks.

ROSE, A. A note on the representation of general recursive functions and the μ quantifier.

MCANDREW, M. H. Note on a problem of Erdős.

SHUKLA, H. S. A note on the sums of certain bilateral hypergeometric series.

SACK, R. A. Equivalence of two absorption problems with Markovian transitions and continuous or discrete time parameters.

WILLIAMS, W. E. Diffraction by an imperfectly conducting right-angled wedge.

CONTENTS OF BIOLOGICAL REVIEWS

Vol. 34, No. 1. February 1959

L. R. FISHER and S. K. KON. Vitamin A in the invertebrates.

P. W. BRIAN. Effects of gibberellins on plant growth and development.

R. A. HINDE. Behaviour and speciation in birds and lower vertebrates.

CONTENTS

	PAGE
NORTHCOTT, D. G. Dilatation properties of regular local rings	1
KELLY, G. M. Single-space axioms for homology theory	10
BORWEIN, D. On methods of summability based on integral functions	23
FLETT, T. M. Some theorems on fractional integrals	31
AFRIAT, S. N. Analytic functions of finite dimensional linear transformations	51
RAO, V. V. L. N. Some self-reciprocal functions and kernels	62
BASTIN, E. W. and KILMISTER, C. W. The concept of order. IV. Quantum mechanics	66
MARDER, L. Two bodies at rest in general relativity	82
POWER, E. A. and SHAIL, R. The interaction of light with neutral systems	87
LONGUET-HIGGINS, M. S. The distribution of the sizes of images reflected in a random surface	91
BASSALI, W. A. and NASSIF, M. A thin circular plate normally and uniformly loaded over a concentric elliptic patch	101
BASSALI, W. A. Bending of a thin circular plate under hydrostatic pressure over a concentric ellipse	110
BASSALI, W. A. The analysis of singularly loaded and rigidly clamped thin elastic slabs with curvilinear boundaries. I	121
 RESEARCH NOTES	
PENROSE, R. The apparent shape of a relativistically moving sphere	137
NEWMAN, D. J. and KILMISTER, C. W. A new expression for Einstein's law of gravitation	139
LUDFORD, G. S. S. On initial conditions in hydromagnetics	141

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