

## C O N T E N T S

	PAGE
BESICOVITCH, A. S. A general form of the covering principle and relative differentiation of additive functions. II . . . . .	1
HODGE, W. V. D. On multiple curves. III . . . . .	11
MORAN, P. A. P. Additive functions of intervals and Hausdorff measure .	15
DEAN, W. R. On some cases of the reflexion of surface waves by an inclined plane barrier . . . . .	24
SNEDDON, IAN N. Boussinesq's problem for a flat-ended cylinder . . . . .	29
ELIEZER, C. JAYARATNAM. Radiating electron in a magnetic field . . . . .	40
PAIS, A. On the scattering of fast neutrons by protons . . . . .	45
SHANMUGADHASAN, S. On Mathisson's variational equation of relativistic dynamics . . . . .	54
JELONEK, Z. Analysis of operation of a thermostat with contact thermo-regulator . . . . .	62
SUN NIEN-T'AI and BAND, W. An explanation of anomalous thermionic emission current constants . . . . .	72
 RESEARCH NOTES:	
PIRENNE, M. H. On the variation of visual acuity with light intensity	78
IRWIN, J. O. On the characteristic function of the distribution of the product of two normal variates . . . . .	82

*First printed in Great Britain at the University Press, Cambridge  
 Reprinted by offset-litho  
 by Jarrold & Sons Ltd., Norwich*