CONTENTS

	PAGE
RANKIN, R. A. The difference between consecutive prime numbers. II	255
JEFFREYS, HAROLD and DALZELL, D. P. On the Heaviside operational calculus	267
MILLER, J. C. P. On the criterion for oscillatory solutions of a linear differential equation of the second order	283
WOODCOCK, E. R. A class of fundamental $[n-1]$ scrolls	288
DEAN, W. R. Note on the slow motion of fluid. (With 2 Figures in the Text)	300
ATKINSON, R. D'E. On the capture of interstellar matter by stars. (With 1 Figure in the Text)	314
HOYLE, F. and LYTTLETON, R. A. Note on Dr Atkinson's paper	323
HOYLE, F. and LYTTLETON, R. A. On the accretion of interstellar matter by stars	325
Mathisson, Myron. The variational equation of relativistic dynamics. (With 4 Figures in the Text)	331
MA, S. T. Photomagnetic disintegration and magnetic moment of the deuteron in the meson theory	351
Wilson, A. H. The calculations of processes involving mesons by matrix methods	363
Mo, W. W., Hsü, Y. K. and Band, W. The influence of magnetization on the Benedicks homogeneous thermoelectric effect. (With 3 Figures in the Text)	381

LONDON: CAMBRIDGE UNIVERSITY PRESS
INDIA: MACMILLAN TOKYO: MARUZEN COMPANY LIMITED

REPRINTED BY PHOTOGRAPHIC PROCESS 1968