PROCEEDINGS

OF THE

EDINBURGH MATHEMATICAL SOCIETY

VOLUME 16 (Series 2)

DECEMBER 1969

PART 2

S. O. IYAHEN: $D(\tau; \mathscr{C})$ -spaces and the closed-graph theorem J. S. LOWNDES: Some triple series equations involving Jacobi polynomials BRIAN KUTTNER and B. E. RHOADES: Relations between (N, p_n) and (N, p_n) summability

ROBIN J. WATERSTON: Circular and transverse wave solutions of non-linear hyperbolic systems of equations D. A. R. WALLACE: Lower bounds for the radical of the group algebra of a finite p-soluble group G. J. O. Jameson: Nearly directed subspaces of partially ordered linear spaces D. A. Burgess: On a problem of Baayen and Kruyswijk

Obituary: A. C. AITKEN, D.Sc., F.R.S.

Obituary: R. O. STREET Book Reviews

Series I of the PROCEEDINGS consists of forty-four volumes published from 1886 to 1926.

Series II consists of fifteen complete volumes to date.

The PROCEEDINGS are published in parts and issued twice yearly. Four parts complete a volume of approximately 200 pages and the Title Pages and Index are published in Part 4 of each volume.

The prepaid subscription per volume is 1208. and in the U.S.A. \$17.00.

rs for Series I and Series II Volumes 1 to 14 should be addressed to Kraus Reprint Ltd., 208–210 Abbey House, Victoria 4, London, S.W.I.

Orders for Series II Volume 15 onwards should be addressed to OLIVER & BOYD LTD., TWEEDDALE COURT, 14 HIGH STREET, EDINBURGH. 1.

THE QUARTERLY JOURNAL OF

MATHEMATICS

OXFORD SECOND SERIES

Edited by J. T. LEWIS, E. C. THOMPSON

with the advice of M. F. ATIYAH, B. J. BIRCH, D. A. EDWARDS, G. HIGMAN, I. M. JAMES, G. TEMPLE.

VOLUME 20

No. 77

March 1969

CONTENTS

er: Local flattening of a sub-manifold ce of closed curves on a projective space on-singular immersions in projective spaces of a transformation group

an ${}_4F_2$ tric identities associated with mock theta functions

Quarterly Journal of Mathematics (Oxford Second Series) is published in March, June, September and December at 18s. 6d. net for a single number with an annual subscription (for four numbers) of 65s. post free. Orders may be placed with any bookseller or sent direct to the Publisher.

OXFORD UNIVERSITY PRESS

ELY HOUSE, 37 DOVER STREET, LONDON, W.1.

TO BE PUBLISHED IN AUGUST

STATISTICS AND PROBABILITY

by the Schools Statistics Panel

Demy 8vo

15/-

572-00678-0

The aim of the Schools Statistics Panel has been to supply an elementary introduction to Statistics designed to meet the requirements of the new syllabus in Statistics of the S.C.E. 'O' grade examination.

Several thousand copies of the text were distributed to schools throughout Scotland, and the comments and criticisms of the teachers participating in the scheme will be incorporated in Statistics and Probability.

The contents of the book fall broadly into two categories. First, the techniques of elementary Statistics, and secondly, the application of Probability to Statistics. There are two sets of revision exercises in the book, containing questions from the recent S.C.E.B. papers. The units used throughout are completely metric, and the book contains three figure tables of Squares, Square roots and the area under the Standard Normal Curve.

For further information and inspection copies please write to:

FOULSHAM EDUCATIONAL

Desk ST/6, Yeovil Road, Slough, Bucks.