Proceedings of the Glasgow Mathematical Association

Editorial Committee : T. M. MACROBERT, R. A. RANKIN, R. P. GILLESPIE, T. S. GRAHAM Department of Mathematics, The University, Glasgow Volume 5. Part 4. July 1962

G. B. PRESTON. A characterization of inaccessible cardinals.

D. A. R. WALLACE. Group algebras with radicals of square zero.

P. WYNN. Upon a second form of the e-algorithm.

J. LEECH. Some definitions of Klein's simple group of order 168 and other groups.

G. DEUTSCH. Torsion of beams of L-cross-section.

R. K. SAXENA. Some infinite integrals involving E-functions.

D. BORWEIN and B. L. R. SHAWYER. On Reisz summability factors.

L. J. MORDELL. An identity in combinatorial analysis.

The proceedings are published twice yearly, four parts comprising a volume of about 200 pages. The subscription price per volume is £3 (10.00), post free, payable in advance. Single parts may be supplied at a cost of 15s. (2.50) net.

Inquiries and subscription orders should be sent to the publishers

OLIVER and BOYD, Tweeddale Court, 14 High Street, Edinburgh, 1

INTERNATIONAL JOURNAL OF ABSTRACTS STATISTICAL THEORY AND METHOD

A Journal of the International Statistical Institute

The aim of this journal of abstracts is to give complete coverage of published papers in the field of statistical theory (including associated aspects of probability and other mathematical methods) and new published contributions to statistical method.

There are approximately two hundred and fifty journals published in various parts of the world which are wholly or partly devoted to the field of statistical theory and method and which are brought within the scope of this journal of abstracts.

In addition to the vast array of journal literature, abstracts of the special collections of papers as published in reports of conferences symposia and seminars, together with the published reports of experiment and other research stations, are also included.

The abstracts are about 400 words long—the recommendation of UNESCO for the "long" abstract service: they are in the English language although the original language of the paper is noted on the abstract together with the name of the abstractor. In addition the address of the author(s) are given in detail to facilitate contact in order to obtain further detail or request an off-print. The journal is published quarterly and contains approximately 750 abstracts per year.

A scheme of classification has been developed for the abstracts that is flexible and facilitates the transfer of code numbers to punched cards. A unique aspect of this journal is that the pages are colour-tinted according to the main sections of classification. This method of colour-coding the pages provides a distinctive and powerful visual aid in the identification of abstracts in whatever manner the journal is filed for reference.

> Annual Subscription Single Number

£5 (U.S.A. \$16.00) 30s. (U.S.A. \$4.50)

OLIVER AND BOYD LTD. Tweeddale Court, 14 High Street, Edinburgh, 1

CAMBRIDGE BOOKS

A First Course in Mathematical Analysis J. C. BURKILL

A clear, logical and straightforward course, based on the idea of a limit, written for students reading mathematics or physics who already have a working knowledge of the calculus. Many examples are provided, with hints for their solution.

22s. 6d. net

Elementary Real Analysis H. G. EGGLESTON

A rigorous textbook on the theoretical aspects of real variable analysis, covering the work for the first two years of an honours degree course in mathematics. There are many examples, with hints for solution, which will be of particular value to students working on their own. 37s. 6d. net

A Course of Modern Analysis E. T. WHITTAKER & G. N. WATSON

A classic text, which is now available in a Students' Edition. It gives an introduction to the general theory of infinite processes and of analytic functions, together with an account of the principal transcendental functions.

Students' Edition, 27s. 6d. net; Clothbound, 60s. net

Random Variables and Probability Distributions

A new edition of a Cambridge Tract in Mathematics and Mathematical Physics first published in 1937. There are a number of corrections and the bibliography has been brought up to date. Second edition, 21s. net

from all booksellers

CAMBRIDGE UNIVERSITY PRESS