



# UNIVERSITY MATHEMATICAL TEXTS

---

General Editors A. C. AITKEN AND D. E. RUTHERFORD

The aim of this series is to provide compact and inexpensive textbooks for undergraduates on standard topics of mathematics. A selection from the series is listed below. You are invited to write to us for a copy of our thirty-two page catalogue which gives full details of the ground covered in each of the twenty-six volumes now available or in preparation.

Analytical Geometry of Three Dimensions	W. H. McCREA	7s 6d
Classical Mechanics	D. E. RUTHERFORD	10s 6d
Determinants and Matrices	A. C. AITKEN	7s 6d
Electricity	C. A. COULSON	10s 6d
Fluid Dynamics	D. E. RUTHERFORD	10s 6d
Functions of a Complex Variable	E. G. PHILLIPS	7s 6d
German-English Mathematical Vocabulary	S. MACINTYRE and E. WITTE	8s 6d
Infinite Series	J. M. HYSLOP	7s 6d
Integration	R. P. GILLESPIE	7s 6d
Integration of Ordinary Differential Equations	E. L. INCE	7s 6d
Introduction to the Theory of Finite Groups	W. LEDERMANN	8s 6d
Partial Differentiation	R. P. GILLESPIE	7s 6d
Projective Geometry	T. E. FAULKNER	7s 6d

## OLIVER & BOYD

Tweeddale Court, 14 High Street, Edinburgh 1

---

# 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  $\epsilon$ -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 £2 (\$6.00), post free, payable in advance. Single parts may be supplied at a cost of 10s. 6d. (\$1.50), post free.

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.

<i>Annual Subscription</i>	£5 (U.S.A. \$16.00)
<i>Single Number</i>	30s. (U.S.A. \$4.50)

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

---