

The Mathematics of Radiative Transfer

I. W. BUSBRIDGE

A simple but rigorous treatment of some of the mathematical problems which arise in the theory of the transfer of radiation through the atmosphere of a star. CAMBRIDGE MATHEMATICAL TRACTS. 30s. net

An Introduction to Homological Algebra

D. G. NORTHCOTT

Professor Northcott introduces homological ideas and methods and shows some of the results which can be achieved. He provides the results needed to establish the theory of derived functions, and applies the new concepts to the theory of global dimensions. 42s. 6d. net

Pure Mathematics

F. GERRISH

A new two-volume course for first-year students reading pure mathematics for a general degree or as a subsidiary subject.

Volume I, 25s.; *Volume II*, 35s.

Fourier Transforms

R. R. GOLDBERG

A clear exposition of the elementary theory of Fourier transforms arranged to give easy access to the recently developed abstract theory of Fourier transforms on a locally compact group. CAMBRIDGE MATHEMATICAL TRACTS. 21s. net

THREE VOLUMES OF ROYAL SOCIETY MATHEMATICAL TABLES

5 Representation of Primes by Quadratic Forms

H. GUPTA *et al.*

6 Tables of the Riemann Zeta Function

C. B. HASSELGROVE & J. C. P. MILLER

7 Bessel Functions, Part III

F. W. J. OLVER

Volumes 5 and 6, 45s. net each; *volume 7*, 50s. net

CAMBRIDGE UNIVERSITY PRESS

UNIVERSITY MATHEMATICAL TEXTS

General Editors

ALEXANDER C. AITKEN, D.S.C., F.R.S., DANIEL E. RUTHERFORD, D.S.C., DR. MATH.

The series provides compact and inexpensive text-books on standard topics of mathematics, the aim being to carry the reader from an elementary or intermediate grade up to an honours grade in each subject.

<i>Determinants and Matrices</i>	PROF. A. C. AITKEN, D.S.C., F.R.S.	7/6
<i>Statistical Mathematics</i>	PROF. A. C. AITKEN, D.S.C., F.R.S.	7/6
<i>Theory of Ordinary Differential Equations</i>	J. C. BURKILL, SC.D., F.R.S.	8/6
<i>Waves</i>	PROF. C. A. COULSON, D.S.C., F.R.S.	7/6
<i>Electricity</i>	PROF. C. A. COULSON, D.S.C., F.R.S.	10/6
<i>Projective Geometry</i>	T. E. FAULKNER, PH.D.	7/6
<i>Integration</i>	R. P. GILLESPIE, PH.D.	7/6
<i>Partial Differentiation</i>	R. P. GILLESPIE, PH.D.	7/6
<i>Infinite Series</i>	PROF. J. M. HYSLOP, D.S.C.	7/6
<i>Real Variable</i>	PROF. J. M. HYSLOP, D.S.C.	8/6
<i>Integration of Ordinary Differential Equations</i>	E. L. INCE, D.S.C.	7/6
<i>Introduction to the Theory of Finite Groups</i>	W. LEDERMANN, PH.D., D.S.C.	8/6
<i>Analytical Geometry of Three Dimensions</i>	PROF. W. H. McCREA, PH.D., B.S.C.	7/6
<i>A German-English Mathematical Vocabulary</i>	S. MACINTYRE, M.A., PH.D. AND E. WITTE	8/6
<i>Topology</i>	E. M. PATTERSON, PH.D.	8/6
<i>Functions of a Complex Variable</i>	E. G. PHILLIPS, M.A., M.SC.	7/6
<i>Special Relativity</i>	W. RINDLER, PH.D.	10/6
<i>Volume and Integral</i>	PROF. W. W. ROGOSINSKI, DR.PHIL., F.R.S.	10/6
<i>Vector Methods</i>	D. E. RUTHERFORD, D.S.C., DR.MATH.	7/6
<i>Classical Mechanics</i>	D. E. RUTHERFORD, D.S.C., DR.MATH.	10/6
<i>Fluid Dynamics</i>	D. E. RUTHERFORD, D.S.C., DR.MATH.	10/6
<i>Special Functions of Mathematical Physics and Chemistry</i>	PROF. I. N. SNEDDON, M.A., D.S.C.	10/6
<i>Tensor Calculus</i>	BARRY SPAIN, B.A., M.SC., PH.D.	8/6
<i>Theory of Equations</i>	PROF. H. W. TURNBULL, F.R.S.	7/6

OLIVER AND BOYD

EDINBURGH: TWEEDDALE COURT

LONDON: 39A WELBECK STREET, W.1