PROCEEDINGS

OF THE

EDINBURGH

MATHEMATICAL SOCIETY

VOL. XLIV. (SESSION 1925-26)

Reprinted with permission of
Edinburgh Mathematical Society
by
KRAUS REPRINT LTD
Vaduz
1964

https://doi.org/10.1017/S0013091500034246 Published online by Cambridge University Press

PROCEEDINGS

OF THE

EDINBURGH

MATHEMATICAL SOCIETY

VOL. XLIV. (SESSION 1925-26)

Reprinted with permission of
Edinburgh Mathematical Society
by
KRAUS REPRINT LTD
Vaduz
1964

https://doi.org/10.1017/S0013091500034246 Published online by Cambridge University Press

NOTE.

THE Society desires to acknowledge with hearty thanks the generous assistance received from the John Harrison Fund of the University of Edinburgh in defraying part of the cost of publication, in the present volume, of papers by the following Graduates or Members of the Staff of Edinburgh University:—Mr E. T. Copson, Mr W. L. Ferrar and Mr Jyotirmaya Ghosh.

Printed in Germany

https://doi.org/10.1017/S0013091500034246 Published online by Cambridge University Press

INDEX.

PAGE

OFFICE-BEARERS 1

SYLLABUS of Papers read during Session 1925-26 . . v

PRESENTS TO THE LIBRARY vii

Professor H. F. BAKER.

Symbolical Algebra and the Quadrics containing a Rational Curve 131

Professor H. BATEMAN.

Local Electromagnetic Fields 85

E. T. COPSON.

Note on Whittaker's Solution of Laplace's Equation . 22

Dr JOHN DOUGALL.

The Solutions of Mathieu's Differential Equation: Representation by Contour Integrals, and Asymptotic Expansions 57

W. L. FERRAR.

The possible generalisation of Pascal's Theorem to three dimensions 8

Professor GEORGE A. GIBSON.

Some Criticisms of Robert Simson by Sir T. L. Heath . 39

JYOTIRMAYA GHOSH.

Transverse Vibrations of an Elliptic Plate . . 32

JYOTIRMAYA GHOSH.

Einsteinian Gravitational Field of a Heterogeneous Fluid Sphere 72

https://doi.org/10.1017/S0013091500034246 Published online by Cambridge University Press

PAGE

Dr J. Hyslop.

A Theorem on the Integral of Stieltjes . . . 79

List of Members 145

Professor H. M. Macdonald.

Note on a formula connected with Fourier Series . 2

Lieut.-Col. A. G. M'Kendrick.

The Application of Mathematics to Medical Problems . 98

Dr H. W. Richmond.

A Note upon some Properties of the Curve of Striction 90

W. Saddler.

A Symbolic Proof of Euler's Addition Theorem for Elliptic Functions 13

Professor D. M. Y. Sommerville.

Peaucellier's Cell and other linkages in non-Euclidean Geometry 26

Discussion on Tangency in Elementary Geometry . . 47

William A. Lindsay, M.A., B.Sc.—by R. W. . . . 55

https://doi.org/10.1017/S0013091500034246 Published online by Cambridge University Press