PROCEEDINGS

OF THE

EDINBURGH ATHEMATICAL SOCIETY

VOL_XXXVI. (SESSION 1917-18)

Reprinted with permission of Edinburgh Mathematical Society by KRAUS REPRINT LTD Nendeln, Liechtenstein 1966

PROCEEDINGS

OF THE

EDINBURGH MATHEMATICAL SOCIETY

VOL. XXXVI. (SESSION 1917-18)

Reprinted with permission of Edinburgh Mathematical Society by KRAUS REPRINT LTD Nendeln, Liechtenstein 1966

NOTE.

The Society desires to acknowledge with hearty thanks the generous assistance of the Carnegie Trustees, who have defrayed the cost of printing the following papers:-

Quaternion Note on the Theory of Confocals Dr C. G. KNOTT.

On a Difference Equation due to Stirling Miss Eleanor Pairman.

On the plane representation of the homoloidal surfaces which have a twisted cubic as mutliple curve

On a Group of Transformations connected with the 27 Lines of the Non-Singular

Cubic Surface -

Dr J. F. TINTO.

Nicole's Contribution to the Foundations of CHARLES TWEEDIE. the Calculus of Finite Differences -1

On Determinants whose elements are

Printed in Germany

INDEX.

	PAGI
SYLLABUS of Papers read during Session 1917-18	v
Presents to the Library	vii
Brown, Frederick G. W.	
The Brocard and Tucker Circles of a Cyclic Quadrilateral	61
Horsburgh, Dr E. M.	
An Approximate Formula for the Length of an Arc	
of a Suspended Rope	94
KNOTT, Dr C. G.	
Quaternion Note on the Theory of Confocals -	91
LIST OF MEMBERS	117
MILNE, Dr WM. P.	
The Apolar Locus of Two Tetrads of Points on a	
Conic	84
MUIRHEAD, Dr R. F.	
Rolling Loads: a New Graphical Method	96
Office-Brarers	1
PAIRMAN, Miss ELEANOR.	
On a Difference Equation due to Stirling	40

iv INDEX.

Tinto, Dr J. F.	PAGE
(1) On the plane representation of the homaloidal surfaces which have a twisted cubic as multiple	
curve	2
(2) On a Group of Transformations connected with the	
27 Lines of the Non Singular Cubic Surface -	17
Tweedie, Charles.	
Nicole's Contribution to the Foundations of the	
Calculus of Finite Differences	22
WHITTAKER, Professor E. T.	
(1) A Formula for the Solution of Algebraic or	
Transcendental Equations	103
(2) On Determinants whose elements are Deter-	
minants	107