

RECORDS OF PROCEEDINGS¹

Session 1927-28

4th November, 1927.

1. Note on Numerical Integration - - - C. E. WOLFF.
2. A Critical Study of Generalised Derivatives and Integrals - - - W. L. FERRAR.
3. Some Properties of a Family of Curves on a Surface Prof. C. E. WEATHERBURN.
4. On the Zeros of the Confluent Hypergeometric Function - - - S. C. MITRA.
5. On Hardy's Theory of *M*-Functions - - - E. T. COPSON.

2nd December, 1927.

1. Three Mathematical Notes - - - Dr G. D. C. STOKES.
2. Cardinal Function Interpolation - - - J. M. WHITTAKER.
3. Three Mathematical Notes - - - Dr JOHN DOUGALL.

13th January, 1928.

- Lecture on Division Algebras . - - Dr J. WILLIAMSON.

3rd February, 1928.

1. On Matrix Differentiation - - - Prof. H. W. TURNBULL.
2. On the Invariant Algebra Associated with Lines - W. SADDLER.
3. On a Generalisation of Circulants - - - Prof. E. T. BELL.

2nd March, 1928.

1. On Whitehead's Theory of Relativity - - - J. M. WHITTAKER.
2. On Maxima and Minima - - - Dr R. F. MUIRHEAD.
3. Newton's Law of Gravitation and Relativity - Dr JOHN DOUGALL.

4th May, 1928.

- Lecture on Great Geometers - - - Prof. H. W. TURNBULL.

¹ Records for previous sessions appear in the *Proceedings of the Edinburgh Mathematical Society*.

2nd June, 1928.

1. Note on Numerical Integration - - - Dr A. C. AITKEN.
2. On the Factorization of $2^{3^2} + 1$ - - - Prof. J. E. A. STEGGALL.
3. The Complete System of the Quadratic Complex - Dr J. WILLIAMSON.
4. On Matrix Equations - - - Prof. H. W. TURNBULL.
5. A Theorem on Bordering Symmetrical Determinants Dr J. J. NASSAU.

Session 1928-29

2nd November, 1928.

1. Recurrence Formulae in the Theory of the Equations of Mathematical Physics - - - Prof. E. T. WHITTAKER.
2. The Numerical Solution of Algebraic Equations - Dr A. C. AITKEN.

7th December, 1928.

- Lecture on the Mathematics of Business Statistics - R. A. ROBB.

11th January, 1929.

1. Matrices whose elements are matrices - - Prof. H. W. TURNBULL.
2. The reduction of a matrix to its normal form - Dr A. C. AITKEN.
3. A linear combination prime to a given integer - A. A. K. AYYANGAR.

1st February, 1929.

1. On some algebraical points connected with the four-nodal cubic surface - - - Dr W. SADDLER.
2. On the Stieltjes Integral - - - J. M. WHITTAKER.

1st March, 1929.

1. Note on an Integral of Ramanujan's - - Prof. T. M. MACROBERT.
2. On the Hellinger Integral - - - Dr J. HYSLOP.
3. Note on Double Limits - - - C. E. WALSH.
4. An Application of Abel's Lemma - - - C. E. WALSH.

3rd May, 1929.

1. On a general interpolation formula - - - Dr A. C. AITKEN.
2. On Rotations in n -dimensional space - - R. N. SEN.
2. Notes on the Tensor Calculus - - - H. S. RUSE.
4. Note on the Remainder Theorem - - - Dr J. HYSLOP.

8th June, 1929.

1. Systems of linear complexes associated with a quad-
ric surface - - - - - Prof. P. N. DAS GUPTA.
2. On Young's Condition for the Stieltjes Integral - - - - - Dr J. HYSLOP.
3. The invariant theory of bilinear forms and a problem
of enumeration arising therefrom - - - - - Prof. H. W. TURNBULL.
4. On the Poisson sum of a Fourier Series - - - - - J. M. WHITTAKER.