

FORTY-THIRD SESSION, 1924-5.

First Meeting, Friday, 7th November 1924.

1. A Series for Symmetric Functions of Roots
of Equations A. C. AITKEN.
2. On the Sexi-Sectional Equation . A. A. KRISHNASWAMI AYYANGAR.
3. Notes on James Gray C. TWEEDIE.
4. On Self-Adjoint Partial Differential
Equations of the Second Order . E. T. COPSON.
5. Generalised Legendre Functions . . . W. L. FERRAR.

Second Meeting, Friday, 5th December 1924.

1. On the Expression for the Surface Density
of a Sphere in Terms of Spherical
Harmonics Dr T. M. MACROBERT.
2. On the Riemann P Equation with Integral
Exponent Differences W. L. FERRAR.
3. Elementary Notes on Coordinates, Conics
and Conjugate Points Dr JOHN DOUGALL.

Third Meeting, Friday, 16th January 1925.

1. On the general invariant theory of two } J. WILLIAMSON and
quadratics in n variables } Prof. H. W. TURNBULL.
2. On the Cardinal Function of Interpolation . W. L. FERRAR.
3. On the Equation of Heat Miss M. C. GRAY.
4. Power Coordinates and the Bicircular
Quartic R. WILSON.

Fourth Meeting, Friday, 6th February 1925.

1. On the geometrical connexion between
lines in S_3 and points of a quadric in S_6 . Prof. H. W. TURNBULL.
2. Note on Recurring Decimals A. C. AITKEN.
3. Note on the Orthocentric Property of a
Triangle Prof. H. W. TURNBULL.

Fifth Meeting, Friday, 6th March 1925.

1. The Addition Theorem for the Legendre Functions of the Second Kind . Dr T. M. MACROBERT.
2. Binet's Inverse Factorial Series for $\mu(x)$. E. T. COPSON.
3. Elementary Notes on Coordinates, Conics, and Conjugate Points (contd.) . Dr JOHN DOUGALL.
4. On the Development of the Elementary Functions from Vandermonde's Theorem Dr JOHN DOUGALL.

Sixth Meeting, Saturday, 2nd May 1925.

1. Coaxal Quadrics Prof. J. E. A. STEGGALL.
2. A Geometrical Interpretation of the Concomitants of the Double Binary (2, 2) Form W. SADDLER.
3. The Group of the (2, 2) Form . . . Dr VAIDYANATHASWAMI.
4. The Approximate Summation of a certain Class of Series Prof. H. M. MACDONALD.

Seventh Meeting, Friday, 5th June 1925.

1. The Mathematical Theory of Graduation . A. C. AITKEN.
2. Note on the Configuration of Lines and Points on a Quadric Surface . . Prof. H. W. TURNBULL
3. Note on a Binary Quartic . . . W. SADDLER.
4. On Topics of Regions separated by Boundaries Dr R. F. MUIRHEAD.
5. The Differentiation of an Indefinite Integral J. M. WHITTAKER.
6. On the relation between Inverse Factorial Series and Binomial Coefficient Series . W. L. FERRAR.
7. Note on Prof. B. B. Baker's "Extension of Heaviside's method" . . Dr J. KAUCKY.