

FORTY-FIRST SESSION, 1922-3.

First Meeting, Friday, 10th November 1922.

1. The Vibrations of a Particle about a Position of Equilibrium: Parts III. and IV. Dr BEVAN B. BAKER.
2. Note on the Integral Powers of Multinomials Dr ALFRED DANIELL.

Second Meeting, Friday, 8th December 1922.

1. The Asymptotic Expansions of the Spherical Harmonics Dr T. M. MACROBERT.
2. On decreasing Sequences of Positive Integers R. VAIDYANATHASWAMI.

Third Meeting, Friday, 12th January 1923.

1. On some questions connected with Skew Determinants Professor WHITTAKER.
2. A Form of Laplace's Operator A. W. KING.

Fourth Meeting, Friday, 9th February 1923.

1. The Algebra of Geometrical Reciprocity Prof. H. W. TURNBULL.
2. Gordan's Theorem for Double Binary Forms Prof. H. W. TURNBULL.
3. Notes on Elementary Geometry . . . KRISHNASWAMI AYYANGAR.
4. Note on a Theorem of Barlow's regarding the representation of a number as a sum of four squares Prof. J. E. A. STEGGALL.

Fifth Meeting, Friday, 9th March 1923.

1. Discussion on the Teaching of Elementary Geometry. Opened by Mr A. J. PRESSLAND, M.A., F.R.S.E., of the Edinburgh Academy.

Sixth Meeting, Friday, 11th May 1923.

1. James Gregory's Mathematical Work : A
Study based chiefly on his Letters . Prof. G. A. GIBSON.
2. On Curved Barriers Dr S. BRODETSKY.
3. Associated Mathieu Functions Dr T. L. INCE.
4. On the Solutions of Mathieu's Differential
Equation, and their Asymptotic Expansions Dr JOHN DOUGALL.

Seventh Meeting, Saturday, 9th June 1923.

1. Notes on the Equations of the Epicycloids
and Hypocycloids Prof. J. E. A. STEGGALL.
2. Note on the Inversion Geometry of Bi-
circular Quartics Prof. H. W. TURNBULL.
3. Geometrical Interpretation of a few Con-
comitants of the Binary Cubic in the
Argand Plane W. SADDLER.
4. Note on an Extension of the Harmonic
Relation between two Conics R. VAIDYANATHASWAMI.
5. On Tubes of Force in a special class of
electromagnetic fields G. S. EASTWOOD.
6. On the Non-Euclidean Analogues of Tarry's
Point J. P. GABBATT.
7. On Space-Filling Tetrahedra in Euclidean
Space Prof. D. M. Y. SOMMERVILLE.
8. On the Relation between two Quadrics
which are such that the Edges of an
Icosahedron inscribed in one are Tan-
gents to the other S. L. GREEN.