

FORTIETH SESSION, 1921-22.

First Meeting, Friday, 11th November 1921.

1. The Geometry of Relativity . . . Prof. E. T. WHITTAKER.

Second Meeting, Friday, 9th December 1921.

1. The Asymptotic Expansions for the
Functions of the Elliptic Cylinder . WM. MARSHALL.
2. A School Method of evaluating π . Dr G. D. C. STOKES.
3. The extended form of Pythagoras'
Theorem Dr G. D. C. STOKES.
4. Notes on Halley's Problem . . . R. F. DAVIS.

Third Meeting, Friday, 13th January 1922.

1. The Vibrations of a Particle about a
Position of Equilibrium; Part 2:—
Relation between Series and Elliptic
Function Solutions' . . . BEVAN B. BAKER.
2. Note on Sylvester's Dialytic Method of
Elimination Prof. E. T. WHITTAKER.
3. Note on an Asymptotic Expansion for
the Exponential Function . . Prof. E. T. WHITTAKER.

Fourth Meeting, Friday, 10th February 1922.

1. The Asymptotic Expansion of the Con-
fluent Hypergeometric Function and
a Fourier-Bessel Expansion . . Dr T. M. MACROBERT.
2. Root Extraction by the Calculating
Machine Dr E. M. HORSBURGH.
3. Note on the Tetrahedron . . . S. L. GREEN.

Fifth Meeting, Friday, 10th March 1922.

1. Recent Work on Earthquake Waves . Dr C. G. KNOTT.
2. Note on the Summation of a certain
Trigonometrical Series . G. J. LIDSTONE.

Sixth Meeting, Friday, 12th May 1922.

1. Newton's Conception of a Limit as
interpreted by Robins and Jurin
respectively . . . Prof. G. A. GIBSON.
2. Remarks on Mathieu's Functions . Dr JOHN DOUGALL.

Seventh Meeting, Saturday, 10th June 1922.

1. The Invariant Theory of Circles and
Bicircular Quartics . . . Prof. H. W. TURNBULL.
2. On Mathieu Functions of Higher Order Prof. PIERRE HUMBERT.
3. Notes on Everett's Interpolation Formula G. J. LIDSTONE.
4. Notes on Problems in the Theory of
Potential . . . C. E. WOLFF.