THIRTY-SECOND SESSION, 1913–1914.

First Meeting, Friday, 14th November 1913.

1. On a class of singularities discussed by Dr Sprague - A. B. BASSET.

2. On the intersections of the six trisectors of each of the angles of any triangle - - - - - - F. G. TAYLOR and W. L. MARR.

Second Meeting, Friday, 12th December 1913.

1. Notes on Spherical Harmonics - - - - - - Dr JOHN DOUGALL.

2. Napier's Logarithms - - - - - - - - Prof. G. A. GIBSON.

3. Some results concerning homogeneous integral equations PIERRE HUMBERT.

Third Meeting, Friday, 9th January 1914.

1. Note on the axes of a normal section of the enveloping cylinder of a conicoid - - - - - - - Dr R. J. T. BELL.

2. Notes on the equation of the Parabolic Cylinder - - ARCH. MILNE.

3. On the continued fractions which represent Hermite's functions and other functions defined by differential equations - - - - - - - - - Prof. E. T. WHITTAKER.

Fourth Meeting, Friday, 13th February 1914.

1. Concurrency of lines connected with a triangle - - A. G. BURGESS.

2. Note on Gauss' proof of the reciprocity of parallelism Dr D. M. Y. SOMMERVILLE.

3. Description of a perpetual calendar - - - Dr D. M. Y. SOMMERVILLE.

4. On the quasi-periodic solutions of Mathieu's differential equation - - - - - - - - - - A. W. YOUNG.

Fifth Meeting, Friday, 13th March 1914.

1. Some graphical methods for determining centres of gravity Dr R. F. MUIRHEAD.

2. Some theorems analogous to Newton's theorems on symmetric functions, with elementary proofs - Dr R. F. MUIRHEAD.

3. On certain formulae connected with the function
$$(\cos n\alpha - \cos n\theta)/(\cos\alpha - \cos\theta)$$ - D. G. TAYLOR.

4. On summable series and Bernoullian numbers - - Prof. D. K. PICKEN.

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Sixth Meeting, Friday, 8th May 1914.

1. Morley's Trisection Theorem :—
   (*a*) Its relation to the Hessian axis and the circumcentre F. G. TAYLOR.
   (*b*) An extension and its relation to the circles of Apollonius - - - - - - - - W. L. MARR.
2. On Simson's Line and related theory: an Exercise in Geometric Generality - - - - - - - Prof. D. K. PICKEN.
3. On a theorem in continued fractions equivalent to Riemann's Transformation of the P-function - E. LINDSAY INCE.

Seventh Meeting, Friday, 12th June 1914.

1. On the attraction of Spherical Shells, and a generalisation of the method for Ellipsoidal Shells - - - Prof. A. GRAY.
2. On the general solution of Mathieu's equation - Prof. E. T. WHITTAKER.
3. Napier's De Arte Logistica - - - - - - Dr G. PHILIP.

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