

THIRTY-SEVENTH SESSION, 1918-19.

First Meeting, Friday, 8th November 1918.

1. Notes on the Homographic Transformation of the
Cubic and Biquadratic - - - - - Prof. J. E. A. STEGGALL.

Second Meeting, Friday, 13th December 1918.

1. The Stirling Numbers and Polynomials - - C. TWEEDIE.
2. A Theorem of Sonine in Bessel Functions, with
two Extensions to Spherical Harmonics - Dr JOHN DOUGALL.
3. Note on the Complete Jacobian Elliptic Integrals - F. BOWMAN.

Third Meeting, Friday, 10th January 1919.

1. A Mechanical Solution of a Differential Equation
of Torsion - - - - - Dr HORSBURGH.
2. Note on the Intersection of a Plane Curve and
its Hessian at a Multiple Point - - - F. BOWMAN.
3. Note on the Formula for the Radius of the Circum-
sphere of a Tetrahedron in terms of the edges F. BOWMAN.

Fourth Meeting, Friday, 14th February 1919.

1. Exhibition of Descriptive Geometry Models - - Miss A. KNIGHT.
2. On the Stereometric Generation of the De
Jonquières Transformation - - - - Dr J. F. TINTO.

Fifth Meeting, Friday, 14th March 1919.

1. Systems of Rays in Quaternion Symbolism - - Dr C. G. KNOTT.
2. Some disputed Questions of Probability - - Prof. E. T. WHITTAKER.

Sixth Meeting, Friday, 9th May 1919.

1. Theorems concerning the Differentiation of a
Circulant - - - - - Prof. W. H. METZLER.
2. The Integrals of the Hypergeometric Equation - Dr T. M. MACROBERT.

Seventh Meeting, Friday, 13th June 1919.

1. Systems of Apolar Triads in the Twisted Cubic - Dr W. L. MARR.
2. The Co-symmedian System of Tetrahedra in a Sphere Dr W. L. MARR.
3. Approximations to the Length of an Arc - Prof. D. M. Y. SOMMERVILLE.
4. A new Approximate Formula for the Complete Elliptic
Integrals $K(k)$, $E(k)$ - - - - - Dr D. G. TAYLOR.