

## TWENTY-SIXTH SESSION, 1907-1908.

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### *First Meeting, Friday, 8th November, 1907.*

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|--------------------------------|---|---|---|----------------|
| 1. Poles and Polars of Conics  | - | - | - | Prof. J. JACK. |
| 2. A Problem in Plane Geometry | - | - | - | E. COLLIGNON.  |
| 3. A First Evaluation of $\pi$ | - | - | - | R. F. DAVIS.   |

### *Second Meeting, Friday, 13th December, 1907.*

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| 1. The Dygogram of Axle Reaction of a Pendulum | - | - | - | Prof. GREENHILL. |
| 2. Notes on Spherical Harmonics                | - | - | - | Dr DOUGALL.      |
| 3. On a Solution of the Apollonian Problem     | - | - | - | Dr DOUGALL.      |

### *Third Meeting, Friday, 10th January, 1908.*

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| 1. On the Lengths of a Pair of Tangents to a Conic            | - | - | - | Prof. ANGLIN. |
| 2. On the Lines which intersect Three Given Lines<br>in Space | - | - | - | Prof. DIXON.  |
| 3. Proof that Every Rational Algebraic Equation<br>has a Root | - | - | - | Prof. DIXON.  |
| 4. Theorem regarding Orthogonal Conics                        | - | - | - | W. FINLAYSON. |

### *Fourth Meeting, Friday, 14th February, 1908.*

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| 1. The Place of Graphs in a Course of Mathe-<br>matics | - | - | - | Dr C. MCLEOD. |
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### *Fifth Meeting, Friday, 13th March, 1908.*

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|--|---|---|---|----------------|
| 1. On the Geometry of the Conic and Triangle                                     | - | - | - | JOHN MILLER.   |
| 2. Graphical Solution of $n$ Simultaneous Linear<br>Equations with $n$ Unknowns. | - | - | - | Dr MUIRHEAD.   |
| 3. On Expressing a Determinant by Compound<br>Determinants of the Second Order   | - | - | - | Dr MUIRHEAD.   |
| 4. School Apparatus for Determining $g$  | - | - | - | J. A. MCBRIDE. |

### *Sixth Meeting, Friday, 8th May, 1908.*

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|--|---|---|---|--------------------|
| 1. Examples in the Geometry of Cross Ratio | - | - | - | C. TWEEDIE.        |
| 2. The Intrinsic Properties of Curves      | - | - | - | Prof. NARANIENGAR. |
| 3. Geometrical Extraction of Cube Root     | - | - | - | J. G. THOMSON.     |

### *Seventh Meeting, Friday, 12th June, 1908.*

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|--|---|---|---|--------------------|
| 1. On Contact of Curves  | - | - | - | Prof. NARANIENGAR. |
| 2. On Factors of Numbers of the Form<br>$\{x^{(2^n+1)^k} \pm 1\} \div \{x^t \pm 1\}$ | - | - | - | Prof. SANJANA.     |
| 3. On a Problem in the Theory of Numbers   | - | - | - | Dr T. HUGH MILLER. |