Twelfth Session, 1893-94.

Minutes of Meeting held on 10th November, 1893, in the Edinburgh Institution – Mr John Alison, President, in the Chair.

Dr J. S. Mackay read a paper on 'The Geometrography of Euclid's Problems', and also laid before the Society 'Two Circular Notes' by Mr R. Tucker. Dr Wm Peddie discussed an 'Arithmetical Problem', and Mr R. Franklin Muirhead made a few remarks on the inadequacy of the usual definition of Variable Velocity.

For election at next meeting :-

1. Alexander Edward M.A.
   Head Mathematical Master,
   Harris Academy, Dundee.

and,

2. William Malcolm M.A.
   Head Mathematical Master,
   Morgan Academy, Dundee.

were proposed by Professor Steggall, and seconded by Dr M'Cowan.

Meeting: 10th November 1894

3. Alex. Shand,

   Phys. Laboratory, Edin. University

   and,

4. Samuel Walker M.A., B.SC.

   Chemistry Master,

   George Heriot's Hospital School,

   Edinburgh.

were proposed by, Mr I.B. Clark,
and seconded by Mr John Alison.

The Treasurer submitted his annual financial statement which showed a balance in favour of the Society of £1 " 4 " 8. The Treasurer suggested that in future years 1° The balance-sheet of the Society should be published in the Proceedings. 2° The names of those who have, for any reason, ceased to be members of the Society during the year should be published in the Proceedings.

The following were elected Office-Bearers for the Session :-

President :- Professor C. G. Knott, DSC., FRSE
Vice-President :- Dr J. M'Cowan M.A.
Hon. Secretary :- Mr I.B. Clark M.A., FRSE

Hon. Treasurer :- Rev. John Wilson, M.A., F.R.S.E.

Editors of } Professor Knott, and
Proceedings } Mr A. J. Pressland M.A., F.R.S.E.

Committee :- Mr John W. Butters,
Dr Wm Peddie,
Mr Frank Spence M.A.
Mr Chas. Tweedie M.A., B.Sc.
Mr Wm Wallace M.A.

* 5. Daniel Lamont M.A.;
Assistant to Professor of Mathematics,
University of Glasgow.

6. James Holm M.A.
University of Glasgow.

7. Alex. Holm M.A,
The Academy, Perth.

8. Peter Pinkerton M.A.
Allan Glen's School, Glasgow.
were proposed by Mr George A. Gibson
and seconded by Mr J.B. Clark

9. John W. Kippen. Mathematical Master
Blackness Public School, Dundee.
Proposed by Professor Steggall John Alison
Seconded by Mr J.B. Clark

Minutes of Meeting held on Friday, 8th Dec. 1893, in the Edinburgh Institution — Mr John Alison in the Chair.

Professor Steggall gave a 'Note on an Elementary Proposition in the Theory of Numbers', and read a paper 'On the Construction of Geographical Models' in illustration of which two models were exhibited. Dr J. M'Cowan read a paper 'On the Ridges and other Characteristics of Mountains'.

Mr A. J. Pressland intimated that Mr Langley, of Bedford, proposed to start a Mathematical Journal for Schoolboys. Dr Sprague made a few remarks as to the Geometrical interpretation of a particular Imaginary Expression.

The following gentlemen were elected ordinary members of the Society:—

Mr Alex. Edward, Mr Wm. Malcolm, Mr Jn. W. Kippen, Mr Daniel Lamont, Mr Jas. Holm, Mr Alex. Holm, Mr Peter Pinkerton, Mr Samuel Walker, Mr Alex. Shand.

On the recommendation of the Committee, Mr W. J. Macdonald was elected a member

Meeting: 8th December 1894

4

of Committee in place of Mr Frank Spence who found himself unable to serve.

C. G. Knott Chairman

Minutes of meeting held on Friday, 12th Jan. 1894, in the Edinburgh Institution – Dr C. G. Knott in the Chair.

Mr George Duthie read a paper 'on Certain Maxima and minima'. Mr J. W. Butters discussed a 'Method of Factoring', and Mr R. F. Muirhead read a paper 'Against a Current Pseudo-Definition of Varying Velocity'.

For Election at next meeting :-
Mr D. B. Mair M.A.
Examiner in Mathematics, Univ. of Edin. was proposed by Mr C. Tweedie and seconded by Mr J. W. Butters.

Minutes of meeting held on Friday, 9th Feby. 1894 in the Edinburgh Institution, – Dr M'Cowan in the Chair.

Dr J. B. Sprague read a paper 'On the

12th January/9th February 1895

Geometrical Interpretation of i^i.

Mr Geo. A. Gibson gave a 'Proof of the Uniform Convergence of the Fourier Series, with notes on the Differentiation of the Series'; and Dr MacKay read a 'Geometrical note' by Mr R. Tucker.

Mr W. B. Mair was elected an ordinary member of the Society.

For election at next meeting:-
Mr Jas. Mitchell M.A.
Drummond Mathematical Scholar,
Edin. University,
was proposed by Mr John Alison, and seconded by Mr David Tweedie.

C. G. Knott
Chairman

Minutes of meeting held on Friday, 9th March 1894, in the Edinburgh Institution, — Professor C. G. Knott in the Chair.

Mr George Duthie read a paper by M. Paul Aubert on 'Tangential Coordinates', and a paper by Mr R. Tucker on

Meeting: 9th March 1895

'Two triplets of Circum-hyperbolas' was communicated by Dr J.S. MacKay.

Mr Jas. Mitchell was elected an ordinary member of the Society.

John Alison

Minutes of Meeting held on Friday, 13th April, 1894, in the Edinburgh Institution — Mr John Alison in the Chair.

Mr W. Wallace read a 'Note on the Section of Lines'. Dr J.S. MacKay read a paper on 'Three parabolas connected with a Triangle' by Mr R. Tucker, and a 'Note on the Pedal Triangle' by Professor Steggall.

Dr MacKay also communicated some 'Formulae connected with the radii of the in- and ex-circles of a Triangle'.

C. G. Knott
Chairman

Meeting: 13th April 1895

7

Minutes of meeting held on Friday,
11th May, 1894, at 8 P.M., in the Edinburgh
Institution – Professor C.G. Knott in
the Chair.

Professor Crum Brown read a paper
'On the Division of a Parallelepiped
into Tetrahedra', and exhibited in
connection therewith a large number
of models. Mr Chas. Tweedie read
a paper by Mr F.H. Jackson 'On two
Differential Equations'.

C.G. Knott
Chairman

Minutes of meeting held on Friday,
8th June, 1894, at 8 P.M. in the
Edinburgh Institution – Professor
Knott, President in the Chair.

Dr M'Cowan read a paper 'On the Highest
Wave of Permanent Type.' A note 'On
a Problem in Tangency' by Mr G.E. Crawford
was communicated by Mr Pressland.
Mr Chas. Tweedie read a paper 'On the
Solution of the Cubic and Quartic'; Mr R.
F. Muirhead, a paper on 'E. Carpenter's Proof

Meeting: 11th May/8th June 1895

of 'Taylor's Theorem', and Dr MacKay communicated some notes by Mr R. Tucker 'On an Orthocentric Triangle'.

The Committee unanimously nominated Dr J. S. MacKay for Honorary Membership of the Society.

On the motion of the Chairman, a vote of thanks was heartily accorded to Dr Ferguson for his continued kindness in granting the Society the use of his rooms in the Edinburgh Institution.

For Election at next meeting':—

1. Mr Walter Stott, Liverpool was proposed by Dr MacKay and seconded by Mr J. Alison.

2. Mr John Turner M.A., B.Sc. Royal High School, Edinburgh. was proposed by Mr J. Alison and seconded by Mr J. B. Clark.

C. G. Knott
Chairman