

# EMS Minutes: Volume 1: pages 96 to 101

## 1891-92: Tenth session

### Tenth Session 1891-92.

Minutes of meeting held on 13<sup>th</sup> November 1891 in the Edinburgh Institution - Mr A. J. G. Barclay in the Chair.

An account by Mr R. E. Allardice of the 'Barocentric Calculus of Möbius' was read by Mr John Alison. Mr Frank Spence and Mr J. C. Beattie were elected ordinary members of the Society. The Treasurer submitted his annual financial statement which showed a balance in favour of the Society of £ 15<sup>..</sup> 7<sup>..</sup> 10

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

President :- Professor Steggall M.A., F.R.S.E.  
Tice-President :- Mr John Alison M.A., F.R.S.E.  
Hon. Secretary :- Mr John B. Clark M.A., F.R.S.E.  
Hon. Treasurer :- Mr John Wilson M.A., F.R.S.E.  
Editor of Proceedings :- Mr R. E. Allardice M.A., F.R.S.E.  
Committee :- Mr John Watt Butters  
Mr A. J. Pressland M.A.  
Mr Alexander Morgan M.A., B.Sc.  
Mr J. T. Morrison M.A., B.Sc.  
and Mr William Wallace M.A.

Meeting: 13th November 1891

It was agreed on the suggestion of Dr Mackay to instruct the Committee to consider the Question of sending Copies of the Proceedings of the Society to Academic Libraries, and of exchanging them, where possible, ~~with~~ for mathematical Journals and ~~with~~ for the Proceedings of other mathematical Societies.

J. E. A. Steggall

Minutes of Meeting held on Friday 11<sup>th</sup> December 1891 in the Edinburgh Institution - Professor Steggall, president, in the Chair. Professor Steggall communicated a note on 'An Approximation for the Binomial Expansion'. Mr A. J. Pressland gave an account of 'Certain Geometrical Approximations', and Professor J. T. Morrison read a paper on 'Electrolysis'.  
For election at next meeting

Mr Chas. Tweedie M.A., B.Sc.  
was Proposed by Mr J. B. Clark  
and Seconded by Mr J. W. Butters.

John Alison

Meeting: 11th December 1891

Minutes of meeting held on Friday  
8<sup>th</sup> January 1892 in the Edinburgh  
Institution - Mr John Alison, vice-president  
in the Chair.

A note by Professor Steggall 'On  
Logarithm Tables' was read by Mr R. E.  
Allardice. Mr Allardice discussed  
'The Contact Property of the Eleven-point  
Conic', and Dr W. Peddie read a paper  
on 'The Variations of Stable Physical  
Systems'. Mr Chas. Tweedie M.A., B.Sc.,  
was elected an ordinary member of the  
Society. On the recommendation of the  
Committee, Dr C. S. Knott was elected  
to fill the vacancy on the Committee  
caused by the resignation of Professor  
J. T. Morrison.

J. E. A. Steggall

Minutes of meeting held on Friday,  
12<sup>th</sup> February 1892 in the Edinburgh  
Institution - Professor Steggall, president  
in the Chair.

Professor Steggall communicated a note  
on a Laboratory Method of Finding

Meeting: 8th January/12th February 1892

Lines of magnetic Force, and exhibited a series of magnetic curves traced by his method. The Society considered the question of a Syllabus of Modern Geometry and Higher Algebra for Schools, and appointed the following Committee to draw up such a syllabus and report.

Mr John Alison, Mr R. E. Allardice,  
Mr A. J. G. Barclay, Dr J. S. Mackay  
and Mr J. B. Clark.

For Election at next meeting.

Mr David Tweedie M.A., B.Sc.  
was proposed by Mr J. B. Clark,  
and seconded by Mr R. E. Allardice.

J. E. A. Steggall

Minutes of meeting held on Friday 11<sup>th</sup> March  
1892 in the Edinburgh Institution -  
Mr John Alison, vice-president, in the  
Chair.

The Special Committee appointed by the  
Society to consider the mathematics of the  
Leaving Certificate Examinations submitted

Meeting: 11th March 1892

their Report. After discussion, the Special Committee were instructed to draw up a Memorial expressing the views of the Society and to forward the same to the Scotch Education Department.

Mr Chas. Tweedie read a note on Stereographic Projection of a Plane after Transformation by Inversion, and Dr C. G. Knott gave a paper on An Experimental Introduction to the Study of Magnetism.

Mr David Tweedie M.A., B.Sc. was elected an ordinary member of the Society.

J. E. A. Steggall

Minutes of Meeting held on Friday, 8<sup>th</sup> April 1892 in the Edinburgh Institution - Professor Steggall, president, in the Chair.

Mr A. J. Pressland gave the Second Part of a Paper On the History and Degree of Certain Geometrical Approximations, and Mr R. E. Allardice read a paper On a surface of the Third order and exhibited a model.

J. E. A. Steggall

Meeting: 8th April 1892

Minutes of meeting held on Friday 13<sup>th</sup> May 1892  
in the Edinburgh Institution - Professor Steggall  
president, in the Chair.

Dr John M' Cowan read a paper 'On the Solution  
of non-linear Partial Differential Equations  
of the Second order', and a paper by Mr R. E.  
Anderson 'On Triads of Circles connected with  
the Triangle' was read by Dr Mackay.

Minutes of meeting held on Friday, 10<sup>th</sup> June  
1892, in the Edinburgh Institution - Professor  
Steggall, president, in the Chair.

Mr George A. Gibson read a paper 'On Integrals  
of the form  $\int_0^{2\pi} \log \{ (x - a \cos \theta)^2 + (y - b \sin \theta)^2 \}^{\cos m \theta} \cdot d\theta$   
and allied  $^{\circ}$  Integrals'.

Dr J. S. MacKay discussed a 'Theorem attributed  
to Matthew Stewart', and Professor Steggall  
read two notes: 1<sup>o</sup> 'On a possible definition of a  
plane'; 2<sup>o</sup> 'On a property of a Quadrilateral'.

For election at next meeting,

Mr A. M. Hunter, 61 Gilmore Place, Edinburgh  
was proposed by Mr Barclay, and seconded by Mr Alison,  
and, S. Joaquin de Mendigabal - Tamborrel, Mexico  
was proposed by Mr J. B. Clark, and seconded by Mr Alison.

Meeting: 13th May/10th June 1892