

# EMS Minutes: Volume 1: pages 87 to 95

## 1890-91: Ninth session

Ninth Session 1890-91

Minutes of Meeting held on 14<sup>th</sup> November 1890 in the Edinburgh Institution - Mr R. E. Allardie, Vice-president in the chair. Dr J. S. Mackay communicated some new properties of the triangle, and Dr Wm Peddie gave proofs of some optical theorems. The Chairman referred to the great loss the Society had sustained in the death of its President, Mr A. Y. Fraser, and the Secretary was instructed to convey to Mrs Fraser the deep sympathy of the members of the Society. Mr Alex. C. Mackay was elected an ordinary member, and for election at next meeting Mr A. J. Pressland, M.A. Edinburgh Academy, was proposed by Dr Mackay and seconded by Mr Alison. The Treasurer submitted his annual financial statement which showed a balance in favour of the Society of £17.15.8. The following were elected officebearers for the Session.

President: Mr R. E. Allardie, M.A., F.R.S.E.

Vice-President: Mr J. B. Sprague, M.A., F.R.S.E.

Meeting: 14th November 1890

Hon. Secretary: Mr John Alison, M.A., F.R.S.E.

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

Editor of Proceedings: - Mr Allardice

Committee: - Professor Steggall, M.A., F.R.S.E.,

Mr John Watt Butters,

Mr John B. Clark, M.A.,

Mr Alexander Monro, M.A., B.Sc.,

Mr J. J. Morrison, M.A., B.Sc.,

and Mr W. Wallace, M.A.,

R. G. Allardice

Minutes of Meeting held  
on the 12<sup>th</sup> December 1890 in  
the Edinburgh Institution - Mr  
R. G. Allardice, president, in  
the chair. Mr A. J. Pressland  
read a paper on the parabola  
in reference to its circumscribed  
triangles. Mr Allardice com-  
municated some geometrical  
theorems and read a note by  
Mr R. H. Pinkerton, Cardiff.

Meeting: 12th December 1890

on the normal to a conic.

Mr A. J. Pressland was duly elected  
an ordinary member of the Society.

R. E. Allardice

Minutes of meeting held on the 9<sup>th</sup>  
January 1891, in the Edinburgh Institution—  
Mr R. E. Allardice, president, in the Chair.  
Mr John McCowan read a paper on  
The Heating of Conductors by Electric  
Currents, and the Electric Distribution  
in Conductors so heated: and Mr  
J. D. Hamilton Dickson discussed the  
solution of the Equation

$$\sqrt{(c-a)(x-b)} + \sqrt{(x-c)(x-d)} = e.$$

R. E. Allardice

Minutes of meeting held on the 13<sup>th</sup>  
February 1891, in the Edinburgh Institution—  
Mr R. E. Allardice, president, in the chair.  
Mr John Alison read a note by Mr J. Hugh  
Miller on a Problem in the Theory of Numbers:

Meeting: 9th January/13th February 1891

Mr James Taylor, Edinburgh Academy,  
submitted a paper by Mr. Paul Aubert  
on a geometrical locus; and Mr. A. J.  
Pressland discussed the <sup>triangle</sup> parabola and  
its escribed parabolas.

R. E. Allardice

Minutes of meeting held on the 13<sup>th</sup>  
March 1891 in the Edinburgh Institution -  
Dr. J. S. Mackay in the chair.

Dr. Wm Peddie read a paper on the  
use of dimensional equations in  
physics, and Mr A. J. Pressland  
gave a discussion on some relations  
between the medial and other  
triangles.

John S. Mackay

Minutes of meeting held on the 10<sup>th</sup>  
April 1891 in the Edinburgh Institution -  
Dr. J. S. Mackay in the chair.

Mr R. E. Allardice read a paper on a  
triangle of given shape inscribed in a  
given triangle.

Meeting: 13th March/10th April 1891

Mr G. E. Crawford of Wyplham House, Mavilla Rd,  
Clifton, Bristol was proposed for election  
at next meeting - Proposer, Mr A. J. Presland  
Secunder, Mr Alison.  
John S. Mackay.

on Friday 8<sup>th</sup> May, 1891

Minutes of meeting held in the  
Edinburgh Institution - Mr R. E. Allardice  
president, in the chair.

Mr John McCowan read a paper  
on The Solitary wave; Mr George A.  
Gibson made a communication on  
The Pedal line <sup>of a triangle</sup> and some theorems  
connected with it, and read a note  
by Prof. A. H. Inglis on Some ap-  
plications of the pedal line of a  
triangle

Mr G. E. Crawford was duly elected  
an ordinary member and the following  
were proposed for election at next meeting:

- (1) Rev. Jas. A. Crichton, M.A. The Manse, Annan,
- (2) Mr W. Duncan, B.A. (Lond.), Rector, Academy, Annan.

Proposer D. J. S. Mackay  
Secunder Mr Geo. A. Gibson.  
R. E. Allardice

Meeting: 8th May 1891

Minutes of meeting held on Friday  
12<sup>th</sup> June 1891 in the Edinburgh Institution—  
Mr R. E. Allardice, president, in the Chair.

Mr John McCowan read a paper on  
A representation of Elliptic Integrals by  
Curvilinear arcs; Mr T. B. Sprague read  
a paper on The Transformation and  
Classification of Permutations; Mr James  
Taylor read a paper by Mr T. H. Miller  
on The Numerical Values of the roots  
of the equation  $\cos x = x$ ; Dr J. S. Mackay  
gave a paper on The Wallace Line and  
The Wallace Point; and Mr A. J. Prentiss  
read a Note on an Equation of Motion.

For election at next meeting

1. Mr Frank Spence,

F.C. Training Coll., Edinburgh,  
was Proposed by Mr Morgan  
and Seconded by Mr Butters

2. Mr J. C. Beattie, B.Sc.,

F.C. Training Coll., Edinburgh,  
was Proposed by Mr Morgan  
and Seconded by Mr Butters.

On the motion of the Chairman a hearty

Meeting: 10th June 1891

vote of thanks was given to Dr Ferguson for  
his kindness in granting the Society the use  
of his rooms in the Edinburgh Institution.

A. J. G. Barclay

A Special Meeting of the Society was held  
on Friday 19<sup>th</sup> June 1891 in the Edinburgh  
Institution - Mr R. E. Allardice, president,  
in the chair.

The Draft Ordinances of the Universities  
Commission relating to Regulations for  
Degrees in the Scottish Universities and their  
bearing on Mathematical Science were  
considered and the following Committee  
was appointed to draw up a Memorial  
to be sent to the Universities Commission.

D. R. M. Ferguson, Mr R. E. Allardice,  
Mr J. T. Morrison, Dr J. S. Mackay,  
Mr A. J. G. Barclay, & Mr John Alison.

A. J. G. Barclay

Meeting: 19th June 1891