

EMS Minutes: Volume 1: pages 53 to 61

1886-87: Fifth session

Fifth Session

Minutes of meeting held on 13 Nov 1886
in the Edinburgh Institution - Dr Ferguson,
president, in the chair.

The president delivered an address, for
which and for his kindness in granting
the society free accommodation in the
Institution, he was on the motion of Mr W.
J. Macdonald accorded a hearty vote of thanks.

Mr J. S. Mackay gave an account of
the solution of Saccheri's problems with a
single aperture of the compasses by the
Italian Geometers of the 16th Century, and
communicated also a note from Mr Tucker
on the Sim- triph-angle circle. Mr A. G.
Drusa read a note from Mr W. Repton
on "the equivocal sign".

The treasurer Mr John Alison read the
financial statement, showing that on the
third session there had been a deficit of
£ 14-12-7², and on the fourth a deficit
of £ 10-13-9, making a total of £ 25
6/-4³, to set against which there were un-
paid subscriptions to the amount of £ 10-7-6

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After some conversation it was permitted to the committee to consider this report, read and make statement and report to the society.

Officers for the Fifth Session were elected as follows:-

President Mr Geo. Thom M.A., Dallas
Vice-president Mr W. J. Macdonald M.A., F.R.S.E.
Secretary Mr A. Y. Fraser M.A., F.R.S.E.
Treasurer Mr John Alison M.A.
Committee: Mr R. S. Allardie, M.A., D^r
Hargraveson F.R.S.E., Mr Geo. A. Gibson M.A.,
Mr W. Haway B.A., LL.B., Mr J. S. Mackay M.A., F.R.S.E.
D^r Thomas Muir M.A., F.R.S.E.

The following was elected an ordinary member: Mr James Taylor M.A., ^{assist} ~~Math: Math~~ Edinburgh Academy.

The following were proposed for election at next meeting:-

1. Miss Flora Philip & Dean Tennan Edinburgh
Prof^o by Mr J. S. Mackay
Sec^y by Mr John Alison
2. Mr John Craig M.A., George Heriot's School, Edin^g
Prof^o by Mr Barclay
Sec^y by Mr A. Y. Fraser

- 3 Mr. John Mackenzie 4 Grindlay St Edin²
 Pres^d by Mr. John King
 Sec^y by Mr. Allan Dick
- 4 Mr. Jas. Renton 12 Blackwood Crescent Edin²
 Pres^d by Mr. Alison
 Sec^y by Mr. Fraser
- 5 Mr. Jas. J. Craig 1 Leven Terrace Edin²
 Pres^d by Mr. W. J. Macdonald
 Sec^y by Mr. Fraser
- 6 Mr. Robert Butters 13 Mc Dowall St Edin²
 Pres^d by Mr. Alison
 Sec^y by Mr. Fraser

W. J. Macdonald

Minutes of meeting held on 10 Dec^r 1886
 in the Edinburgh Institution - Mr. George
 Thom president in the chair.

Mr. J. S. Mackay read a "Solution
 d'une question de géométrie" by M.
 Paul Aubert, and Mr. R. S. Allan Dick
 gave a paper on the equiangular and
 the equilateral polygon.

The following were elected ordinary members -

Meeting: 10th December 1886

bers: Miss Flora Philip, Messrs
John Craig, John Mackenzie, Jas
Renton, Jas J. Craig & John Watt
Butters.

Prof R. Scott Laing M.A. University
of St Andrews was proposed for mem-
bership for election as an ordinary mem-
ber by Mr J. S. Mackenzie, seconded by
Mr Geo Thom.

W. J. Macdonald

Minutes of meeting held on 14th Jan 1887 in
the Edinburgh Institution - Mr W. J. Macdonald
in the chair

Professor Chrystal gave a paper on the
generation of any curve as a roulette, and
Mr J. S. Mackenzie gave a note from Mr W.
Renton on some trigonometrical mnemonics

Professor R. Scott Laing was elected
a member

The following were proposed for mem-
bership

1 Mr Alex Don M.A., Waid Academy Australia
Prop^d by Mr A. G. Fraser

Meeting: 14th January 1887

Sec^y by Mr W.S. Macdonald
Mr John L. Mackenzie M.A. Reader, Aberdeen
same proposed recorder.
- W.S. Macdonald

Minutes of meeting held on 11 Feb 1887 in
the Edinburgh Institution - Mr George Thom
president in the chair

Mr W.S. Macdonald gave a proof
for Goursat's theorem; Mr A. Y. Frazer
gave an account of a paper on Vorles
by Mr Charles Chree; Mr R. L. Atkinson
communicated a theorem in algebra
by Mr John L. Mackenzie; Mr Mackay
gave a trigonometrical note & Mr Geo
A. Gibson a note on a definite integral.

Messrs Alex Dow M.A., and John L.
Mackenzie M.A. were elected members.

Mr Donald Macmillan M.A. Clifton
Bank School St Andrews was proposed
for membership by Mr A. Y. Frazer seconded
by Mr Thom.

- W.S. Macdonald

Meeting: 11th February 1887

Minutes of meeting held on 11th March
1887 in the Edinburgh Institution - Dr
Thom, president, in the chair.

Dr J. S. Mackay communicated
historical notes on a problem in geometry
(18th century), - Mr R. G. Allardie
gave a paper of geometrical notes.

Mr Donald Macmillan was
elected a member.

Mr Jos M. Irvine M.A., B.Sc.,

90 Mr Todd 31 Waverley Park Terrace
Edinburgh

was proposed for membership by
Dr Mackay & seconded by
Mr R. G. Allardie

John S. Mackay

Minutes of meeting held on 8th April
1887 in the Edinburgh Institution - Dr John
S. Mackay in the chair.

Mr R. G. Allardie read a note by
Professor Tait on the value of $\Delta^{n+1} a^m / n^m$
when $m + n$ are very large, and also com -

Meeting: 11th March/11th April 1887

presented a paper by M. Maurice d'Ocagne
Sur les cordes communes à une conique
et à un cercle de rayon nul; Application
à la théorie géométrique des foyers dans
les coniques. M^r: A. Y. Fraser gave the
discussion by M^r: R. S. Dallas of a problem
in linkages.

M^r: Jas. M. Irvine was elected
a member.

W. Storr

Minutes of meeting held on 13th May
1887 in the Edin^g Institution - D. Thom,
president, in the chair.

M^r: James Taylor read from manuss-
cripts acquired by M^r: Mackay at the recent
Gibson Craig sale some correspondence
between Professors Robert Simson and
Matthew Stewart; and M^r: A. Y. Fraser
gave an account of an experiment he
had made in the teaching of elementary
geometry.

W. Storr

Meeting: 13th May 1887

Minutes of meeting held on the 10th
June¹⁸⁸⁷ in the Edinburgh Institution - Dr.
Thom president in the chair.

Mr. R. E. Allender read a paper
by Professor Cayley "On a differential
equation and the construction of
Milner's lamp", a "Note on Milner's
lamp" by Prof Tait, and "An essay
on logarithmic tables" by Prof Tait. Mr.
W. S. Harvey gave a note on the nine point
circle.

Two new members were proposed

1. Mr. Hector M. Macdonald MA

Clare College, Cambridge

Prop^d - by Mr. R. J. Dallas

Sec^d by Mr. A. J. Fraser

2. Mr. Alex Morgan MA

lecturer on mathematics

C. of S. Training College Edin

Prop^d - by Mr. J. W. Taylor

Sec^d by Mr. John Alison

On the motion of the chairman a hearty
vote of thanks was passed to Dr. Ferguson
for his continued kindness in granting to the

Meeting: 10th June 1887

society a comfortable meeting place in
the Edinburgh Institution.

John S. Mackay