

EMS Minutes: Volume 1: pages 151 to 157

1898-99: Seventeenth session

Seventeenth Session 1898-99

1-11-98 Minutes of Meeting held on Friday 11th November 1898 in the Edinburgh Institution, Mr J. B. Clark, President in the Chair.

The following Papers were read:

- 1 Systems of Circles analogous to Tucker's Circles
Mr J. H. Kitch (communicated by Mr Geo. Guthrie)
- 2 Geometrical theory of the Hyperbolic Functions
by Mr W. L. Thomson.

On the Motion of Prof. Gibson, seconded by Mr W. J. Macdonald it was agreed to appoint a committee "to consider the question of the treatment of Proportion in elementary Mathematics", and the following were elected with power to add to their

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number: Messrs Alison, Clark, Duthie, Gibson, W. J. Macdonald, J. S. Mackay, Morgan, Muirhead, Philip, Steggall & Ch. Tweedie; Prof. Gibson to act as convener.

Dr Morgan then submitted the Treasurer's Report which showed a balance in favour of the Society of £8.7.0½.

The following were elected Office-bearers for the Session

President... Alex. Morgan, M.A., D.Sc., F.R.S.E.

Vice-President... R. F. Muirhead, M.A., B.Sc.

Hon. Secretary... J. W. Butters, M.A., B.Sc., F.R.S.E.

Hon. Treasurer... Frank Spence, M.A., B.Sc., F.R.S.E.

Editors of Proceedings... John Dougall, M.A. (Convener)

Chas. Tweedie, M.A., B.Sc., F.R.S.E.

& G. G. Knox, D.Sc., F.R.S.E.

Committee... J. W. H. Dickson, M.A., F.R.S.E.

Geo. Duthie, M.A.

& Wm. A. Lindsay, M.A.

For Election at next Meeting

1 Mr Jas. Horne

Geo. Watson's College, Edinburgh

was proposed by Mr Alison & seconded by Mr Clark

2 Mr Arch. Milne

2 Waverley Place, Edinburgh
was proposed by Dr. Morgan and seconded by Mr. Tweedie
3 Mr J. B. Meiklejohn, M.A.
High School, Dundee
4 Mr A. Brown, M.A., M.Sc.
2 Parkside Terrace, Edinburgh
were proposed by Mr Tweedie & seconded by Dr Mackay.
Alex. Morgan

9-XII-98. Minutes of Meeting held on Friday 9th December
1898 in the Edinburgh Institution, Dr Morgan,
President in the Chair.

The following papers were read:

- 1 Systems of Circles analagous to Tucker Circles
(Part II), by Mr J. A. Hind.
 - 2 Cantor's History of Mathematics, third Vol., third
(concluding) Part: A Review with special
reference to the Analysat controversy, by Prof. Gibson.
- Mr W. A. Lindsay was appointed convener of the
Editorial Committee in room of Mr John Dougall
who regretted his inability to accept office.
Messrs. Jas. Horne, Arch^d Milne, J. B. Meiklejohn,
& A. Brown were elected ordinary members.
For election at next Meeting

Meeting: 9th December 1898

Mr Goodwillie, M.A., B.Sc.,
Millhill School, London
was proposed by Mr Butters & seconded by
Mr Alison.

Alex. Morgan

13.1.99. Minutes of Meeting held on Friday 13th
January 1899 in the Edinburgh Institution,
Dr Morgan, President in the Chair.

The following papers were read:

- 1 Elementary Notes by Mr Chas. Tweedie.
 - 2 Against Euler's Proof of the Binomial Theorem
for negative & fractional indices,
 - 3 Note on Continued Fractions, and
 - 4 A proof of the Binomial Theorem when the
Exponent is a Positive Integer, by Mr Muirhead.
- Mr Jas. Goodwillie was elected an ordinary
member for election at next meeting
Mr Henry Braine,

Moray House Training College
was proposed by Mr Frank Spence & seconded
by Mr J.W. Butters.

Meeting: 13th January 1899

10-2-99

Minutes of Meeting held on Friday 10th February 1899 in the Edinburgh Institution, Dr Morgan, President in the Chair.

The following papers were read:

- 1 The Right of Neighbourhood by Dr Sprague
- 2 On a Problem of Lewis Carroll's by Prof. Siggall

Mr Henry B. Paine was elected an ordinary member & for election at next meeting

Mr Robt. J. T. Bell, M.A., B.Sc.

Physical Laboratory, University, Glasgow
was proposed by Mr Lindsay
& seconded by Prof. Gibson.

Alex. Morgan

10-3-99

Minutes of Meeting held on Friday 10th March 1899 in Merchiston Castle School, Dr Morgan, President in the Chair.

Dr Knott read a note on Attraction by Prof. Tait and Mr J. R. Burgess gave an address with experiments on Wireless Telegraphy and High Potential Currents.

Mr R. J. T. Bell was elected an ordinary member and for election at next meeting
Mr J. P. Watson, M.A.

Meeting: 10th February/10th March 1899

George Watson's College, Edinburgh
was proposed by Mr Alison and seconded
by Mr Butters.

Alex. Morgan

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Minutes of Meeting held on Friday 12th May
1899 in The Edinburgh Institution, Mr Morgan
President in the Chair.

Prof. Gibson initiated a discussion on the
"Treatment of Proportion in Elementary Math-
ematics." This was taken part in by most of
the members present and at the conclusion
the following motion proposed by Mr Alison &
seconded by Mr Butters became the finding
of the meeting: That it is the opinion of this
Society that in the teaching of Elementary
Geometry, ratio and proportion should be
treated ^{more} from an Arithmetical point of view,
and that a sub-committee be appointed to
co-operate with Prof. Gibson in further con-
sidering the matter, and to report.

Mr G. P. Watson was elected an ordinary
member of the Society.

Alex. Morgan

Meeting: 12th May 1899

9-6-99 Minutes of Meeting held on Friday 9th June 1899 in the Edinburgh Institution, Dr Morgan President in the Chair.

Mr Hind contributed the following papers:

- 1 Systems of Circles analogous to Tucker circles, Part III.
 - 2 Systems of Conics connected with the Triangle.
 - 3 Systems of Spheres connected with the Tetrahedron
- and Prof. Gibson read a paper by M. L. Leau entitled: "La Perspective d'une Conique est une Conique". Démonstration élémentaire.

On the motion of Dr Morgan a vote of thanks to Messrs Macnaughton and Turner for the continued use of the rooms in the Edinburgh Institution was cordially passed.

Alex. Morgan.

Meeting: 9th June 1899