

EMS Minutes: Volume 1: pages 241 to 248

1909-10: Twenty eighth session

Session 1909-1910.

Twenty-eighth Session

12. 11. 09.

Minutes of meeting held on Friday, 12th November, 1909, in the Edinburgh Institution, 8 Queen Street, Dr. Puckerton, President, in the Chair.

The following papers were read:-

1. Wilkison's Method of treating the Nine Point Circle with generalizations by Dr. Muirhead.
2. Notes on the Anharmonic Ratios of four points by Dr. Muirhead.
3. On the stationary eccentricity of a system of 4-tangent circles by F. E. Edwards, communicated by Peter Ramsay.

Mr. Turner, Hon. Treasurer, submitted his report for session 1908-1909, which showed 1 life subscription and 155 ordinary subscriptions had been received, that there was a balance of £94. 19. 8 on the capital account; and a balance of £39. 9. 8 on the cash account, making a total balance of £134. 9. 4. The President congratulated Mr. Turner on the satisfactory state of accounts.

Mr. Kennedy Fraser read the Librarian's report, which showed that great progress had been made in the cataloguing of the books and periodicals in the library, and

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that 28 periodicals, 11 books and 5 pamphlets had been received during the session.

The following office bearers were elected for session 1909-1910.

President, R. F. Muirhead, B.A., D.Sc.

Vice President, John Turner, M.A., B.Sc.

Hon. Secretary, A. G. Burgers, M.A., F.R.S.E.

Hon. Treasurer, A. D. Russell, B.Sc., F.R.S.E.

Editors of Proceedings, John Miller, M.A., D.Sc.

Editor of Mathematical Notes, Neil McArthur, M.A., B.Sc.
P. Pinkerton, M.A., D.Sc., F.R.S.E.

Committee, Peter Pinkerton, M.A., D.Sc., F.R.S.E., Peter Currie,

M.A., B.Sc., F.R.S.E., J. A. M^r Brude, B.A., B.Sc.,

D. M. Y. Somerville, M.A., D.Sc.

Library Committee, Charles Tweedie, M.A., B.Sc., F.R.S.E.,

D. Kennedy-Fraser, M.A., B.Sc., George Philip,

M.A., B.Sc.

The Secretary proposed as candidates for ordinary membership, and Mr Currie seconded,

1. R. C. Archibald B.A., M.A., Ph.D.

Brown University

Providence R.I

2. J. Robertson,

Inspector of Schools,

72 Church Street,

Worcester, Cape Colony

3. Peter Thomson, M.A.
Royal High School,
Edinburgh.
4. David N. Stewart, B.Sc.
Royal High School,
Edinburgh.
5. Edward Melne M.A.,
Ward Academy,
Ainstoul.
6. Eoskine D. Williamson, M.A., B.Sc.
59 Spottiswoode Street
Edinburgh.

John Turner,
Vice-President

10. XII. 09

Minutes of Meeting held on Friday, 10th December, 1909,
in Edinburgh Institution, 8 Queen Street; Mr. Turner, Vice-
President, in the chair.

The following papers were read:-

1. On the Integration of the Canonical Equations and the Prin-
ciple of Duality by G. D. C. Stokes.
2. Gauss's Theorem on the Regular Polygons constructed in
Euclid's methods by Prof. Carslaw, communicated by
Eoskine D. Williamson.

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3. notes on the Three Capped Hypocry cloid, by Prof. Karamehgan,
communicated by Peter Conrie.
Messrs. Archibald, Robertson, Thomson, Stewart, Milne,
Williamson, proposed at last meeting, were elected Members.
Mr. Burgess proposed and Dr. Puntartm seconded for ordin-
ary membership,

1. Miss Fanny Bunge, M.A.

George Watson's Ladies' College
Edinburgh.

2. Mr. Thomas Thompson, B.A., B.Sc.

Rosholm,
Larch Road,
Dumbreck,
Glasgow.

Dr. Puntartm proposed and Mr. Burgess seconded for ordinary
membership,

1. Mr. M. Rodenik,

Practonia House
West-Folkestone.

2. Mr. C. S. Jackson, M.A.

Instructor,
R.M. Academy,
Wolverhampton.

3. —

3. Miss L. Spence
Girls' High School
Oudtshoorn
Cape Colony.

R. F. Murrhead President.

14.1.10

Minutes of meeting held on Friday, 14th January, 1910,
in Edinburgh Institution, 8 Queen Street, Dr. Murrhead,
President, in the Chair.

The following papers were read:—

1. On series for calculating Euler's constant, and the
constant in Stirling's theorem by Prof. Saugona, com-
municated by D. Kennedy-Fraser.
2. A Problem in Voting, by Dr. Sommerville.
3. Classification of Geometries with Projective Metric, by
Dr. Sommerville.

Misses Bence + Spence, and Messrs. Thompson, Rodenik
and Jackson, proposed at last meeting, were elected
Ordinary Members.

R. F. Murrhead
President

Meeting: 14th January 1910

11.2.10.

Minutes of meeting held on Friday, 11th February, 1910, in the Edinburgh Institution, 8 Queen Street, Dr. Muirhead, President, in the Chair.

The following papers were read:-

1. The locus of points at which two sides of a given triangle subtend equal or supplementary angles, by Prof. Narmerigas, communicated by John Turner.
2. Orthogonal Trajectories in Vectorial Coordinates by J. I. Craig, communicated by A. G. Burgess.

The Secretary proposed and Mr. Turner seconded for ordinary Membership,

Miss H. Ethel Caton B. A.

George Watson's Ladies' College
Edinburgh.

Robert F. Muirhead

11.3.10

Minutes of meeting held on Friday, 11th March, 1910, in the West of Scotland Technical College, Glasgow, Dr. Muirhead, President, in the Chair.

The following papers were read:-

1. Historical note on Wallace's line, by R. C. Archibald, communicated by the Secretary.
2. The Pólyaí-Hobátschewsky Non-Euclidean Geometry: An Elementary Interpretation of this Geometry and some

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Results which follow from this interpretation, by Professor
Carroll, communicated by Dr. Thurid.

3. The locus of lines which intersect three lines, by R. J. T. Bell.
 4. The factors of $(abc-fgh)(xyz)^2 - \lambda(x^2 + y^2 + z^2)$ by R. J. T. Bell.
- Miss Catin, proposed at last meeting, was elected an
Ordinary Member.

V. F. Muirhead
President.

13. V. 10

Minutes of meeting held on Friday, 13th May, 1910,
in the Edinburgh Institution, 8 Queen Street, Dr.
Muirhead, President, in the chair.

The following papers were read: -

1. Properties of Quadrilaterals and Five point-
space figures, by G. E. Crawford, communicated
by W. G. Thomson
2. Note on the geometries in which straight-lines
are represented by circles by Dr. D. M. Y. Sommerville.

Dr. Muirhead proposed and Dr. Purcston seconded
for Ordinary Membership,

James Potts M.A.

42 Airlie Gardens

Hyndland, Glasgow.

Jas. Archibald

Meeting: 13th May 1910

10-VI-10

Minutes of Meeting held on Friday, 10th June, 1910, in the Edinburgh Institution, 8 Queen Street; Mr. Archibald, in the Chair.

The following papers were read:-

1. Discussion and History of certain Geometrical Problems of Heraklitus and Apollonius, by R. C. Archibald, Communicated by D. C. Mc Intosh.
2. Triangles Triply in Perspective, by Dr. Charles M'Leod and William P. Milne, Communicated by A. D. Russell.

Mr. James Potts, proposed at last Meeting, was elected an Ordinary Member.

The Chairman proposed that the secretary be instructed to write to Mr. Turner, conveying to him the thanks of the Society for allowing them the use of the Institution during the session.

John Turner.

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