

EMS Minutes: Volume 1: pages 249 to 257

1910-11: Twenty ninth session

11. XI. 10

Session 1910 - 1911.

Twenty-ninth session.

11. XI. 10

Minutes of Meeting held on Friday, 11th November, 1910, in the Edinburgh Institution, 8 Queen Street, Mr. Turner in the Chair.

The following papers were read:

1. The relation between the Golden section of the radius and the unique section of the circle, by John G. Thomson.
2. The recent reform of teaching of mathematics and science in Germany by A. J. Pressland.

Mr. Russell, Hon. Treasurer, submitted his report for session 1909-10, which showed that 1 life subscription and 171 ordinary subscriptions had been received, that there was a balance of £103-6-8 in the capital account and a balance of £18-0-8 in the cash account, making a total balance of £121-7-4.

Mr. Turner, in moving the adoption of the report, congratulated Mr. Russell on the satisfactory state of the accounts.

The Secretary, in behalf of Mr. Kennedy-Fraser, read the librarian's report, which showed the cataloguing of the books in the library had been completed, and that 33 periodicals, and 16 books and pamphlets had

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been received during the session.

The following office-bearers were elected for the Session 1910-11.

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

Vice-President, D. M. Y. Sommerville M.A., D.Sc.

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

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

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

and Mr. Arthur M.A., B.Sc.

Editor of Mathematical Notes, Peter Pinkerton M.A., D.Sc., F.R.S.E.

Committee; R. F. Murchie B.A., D.Sc.

Peter Currie M.A., B.Sc., F.R.S.E.

F. A. M' Bride, B.A., B.Sc.

Alex. Highton, M.A., B.Sc.

Library Committee, David Gibb M.A., B.Sc.

D. Kennedy Fraser M.A., B.Sc.

The Secretary.

The Secretary proposed and Prof. Miller seconded for ordinary membership.

1. Thomas W. Stewart M.A., B.Sc.

Radcliffe College, Queen Street,
Edinburgh.

2. George Dawson M.A., B.Sc.

The Academy, Elgin.

3. Miss Edith J. Munson M.A.

U. F. Maule

Celts, Aberdeen.

4. David Gibb M.A., B.Sc.

University (3 Gladstone Terrace)
Edinburgh.

5. Robert R. Ferguson M.A.

The Academy
Rothsay.

6. Phemeis L. Winslow

Librarian

University of Illinois Library
Urbana

Illinois U.S.A.

7. J. Urquhart M.A., B.Sc.

University

Edinburgh.

8. Robert Fraser Thomson M.A.

University

St. Andrews.

9. Miss Mamm Edwards M.A.

Grol's Country School
Wrexham.

Prof. Muller proposed and Dr. Pinkerton seconded the nomination of

James Paul M.A., B.Sc.

The Glasgow & West of Scotland Technical College
Glasgow.

Dr. Pinkerton proposed and Mr. Cunne seconded the nomination of

William P. Milne M.A., D.Sc.

Clifton College
Bristol.

John Turner
President.

9. XII. 10

Minutes of meeting held on Friday, 9th December, 1910, in the Edinburgh Institution, 8 Queen Street; Mr. Turner, President, in the Chair.

The following papers were read.

1. A harmonic property of cubic curves, by William P. Milne, communicated by G. Philip.
2. A root of the cubic equation expressed as a continued fraction by G. D. Valentine.
3. A method of treating the geometry of families of curves with examples by G. D. Valentine.

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Messrs Munson & Edwards, and Messrs Stewart, Dawson, Gibb, Ferguson, Windsor, Urquhart, Thomson, Paul and Milne proposed at last meeting were elected Ordinary Members of the Society.

P. Pinkerton

13. I. 11

Minutes of meeting held on Friday, 13th January, 1911, in the Edinburgh Institution, 8 Queen Street, Dr. Pinkerton in the Chair.

The following papers were read:-

1. On the envelope of the Directorics of a System of Similar Conics through three points by Prof. R. S. Allardice, communicated by E. D. Williamson.
2. Approximation by means of Convergent Fractions, by Prof. A. C. Dixon, communicated by P. Comrie.

The Secretary proposed and Mr. M. Arthur seconded for ordinary membership-

1. C. A. Stewart M.A., B.Sc.
12 Gardenside Terrace
Uddingston
2. G. R. Thompson
Harrow School.
3. David B. Meek M.A., B.Sc.
Government College
Dacca, India

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4. Thomas M. MacRobert M.A., B.Sc.

Mathematical Department
Glasgow University.

Mr. Gibb, Librarian, drew attention to the necessity of the Society making a contribution towards binding the volumes in the library, and Dr. Pinkerton proposed that a grant of five pounds (£5) be made. Mr. Homburg seconded the proposal, and it was unanimously carried.

John Turner

10. II. '11

Minutes of Meeting held on Friday, 10th February, 1911, in the Edinburgh Institution, 8 Queen Street, Mr. Turner, President, in the Chair.

The following papers were read:—

1. The Focal Curves of Circular Cubics, by Dr. William P. Milne, communicated by George Philip.
2. Note on the Locus of the Foci of a system of similar conics through three points, by Prof. K. T. Sangana, communicated by Alex. D. Russell.
3. Algebraic Solution of Three-point Problem, by Dr. Artemas Martin, communicated by Alex. D. Russell.

Messrs Stewart, Thompson, Neek, MacRobert proposed at last Meeting were elected Ordinary Members

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of the Society.

Mr. Mc'Bude proposed and Mr. Russell seconded
for Ordinary Membership

Walter Brown M.A., B.Sc.

Allan Glen's School
Glasgow.

John Turner

10. III. 11

Minutes of Meeting held on Friday, 10th March, 1911, in
the Glasgow and West of Scotland Technical College, George
Street, Glasgow. Mr. Turner, President, in the Chair.

The following papers were read:

1. Dupin's and Allied Theorems by F. E. Edwards, com-
municated by J. A. Mc'Bude.
2. Fermat's Theorem deduced from Theory of Circulating
Radic Fractios, by T. A. Donaldson, communicated by
N. Mc'Arthur.

Mr. Walter Brown proposed at last meeting was
elected an Ordinary Member of the Society.

On the motion of the President Professor and Mrs
Gibson were thanked for the hospitality they extended
to the members of the Society, and Professor Miller and
the Governors of the West of Scotland Technical College

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for their kindness in allowing the Society the use of one of their rooms for this meeting.

John Turner.

13.V.11

A Secondary Education Congress was held in Glasgow University on Saturday, 13th May, 1911, and at 3.30 p.m., under the auspices of the Edinburgh Mathematical Society, there was a meeting of those interested in the teaching of Mathematics, when nearly 600 were present. Professor G. A. Gibson presided, and an address, followed by discussion, was given by Dr. Peirce on "The Scope of Elementary Geometry."

John Turner

9.VI.11

Minutes of meeting held on Friday, 9th June, 1911, in the Edinburgh Institution, 8 Queen Street; Mr. Turner, President, in the Chair.

The following papers were read:-

1. On a class of Surfaces by Prof. John Miller.
2. Graphical Integration by Dr. Muirhead.
3. End-to-End Focal Chords of an Ellipse by David

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Taylor, communicated by W. Pinkerton.

4. The focal and bi-tangent properties of bi-circular quartics by W. P. Milne, communicated by G. Philip.

The President proposed a vote of thanks to Mr. Hardie, Headmaster, and the Governors of the Edinburgh Institution for their courtesy in allowing the Society to hold its meetings in the Institution during this session, and the Secretary was instructed to convey the same to these gentlemen.

John Lumsden

Edinburgh Mathematical Society.

TWENTY-NINTH SESSION, 1910-1911.

THE SECOND ORDINARY MEETING for this Session will be held on *Friday, 9th December, at 7.30 p.m.*, in the EDINBURGH INSTITUTION, 8 QUEEN STREET.

BUSINESS.

1. A harmonic property of cubic curves, - - - WILLIAM P. MILNE.
(To be communicated by G. PHILIP.)
2. A root of the cubic equation expressed as a continued fraction, - - - - - G. D. VALENTINE.
3. A method of treating the geometry of families of curves, with examples, - - - - - G. D. VALENTINE.

Office-Bearers for Session 1910-11.

<i>President,</i>	- - -	JOHN TURNER, M.A., B.Sc.
<i>Vice-President,</i>	- - -	D. M. Y. SOMMERVILLE, M.A., D.Sc.
<i>Hon. Secretary,</i>	- - -	A. G. BURGESS, M.A., F.R.S.E.
<i>Hon. Treasurer,</i>	- - -	ALEX. D. RUSSELL, B.Sc., F.R.S.E.
<i>Editors of Proceedings,</i>	- - -	{ Prof. JOHN MILLER, M.A., D.Sc., F.R.S.E. NEIL M'ARTHUR, M.A., B.Sc.
<i>Editor of Mathematical Notes,</i>	- - -	P. PINKERTON, M.A., D.Sc., F.R.S.E.

Library Committee.

DAVID GIBB, M.A., B.Sc.
D. KENNEDY-FRASER, M.A., B.Sc.
HON. SECRETARY.

Committee.

R. FRANKLIN MUIRHEAD, B.A., D.Sc.
PETER COMRIE, M.A., B.Sc., F.R.S.E.
J. A. M'BRIDE, B.A., B.Sc.
ALEX. LEIGHTON, M.A., B.Sc.

Subscriptions are payable to the *Hon. Treas.*,
ALEX. D. RUSSELL, B.Sc., F.R.S.E.,
34 HEUGH STREET, FALKIRK.

A. G. BURGESS, *Hon. Sec.*,
64 STRATHEARN ROAD.

Committee Meeting at 7.15.

FINANCIAL STATEMENT FOR SESSION 1909-10.

CAPITAL ACCOUNT.

INCOME.		EXPENDITURE.	
1909		1910.	
Nov. -	Balance, - - - -	Nov. -	Contribution to Cash Account, -
	£94 19 8		£3 7 6
1910.			Books for Library, - - -
Nov. -	One Life Subscription, - -		1 13 4
	4 0 0		Balance, - - -
	Sale of <i>Proceedings</i> , - -		103 6 8
	9 7 10		
	£108 7 6		£108 7 6
	£108 7 6		£108 7 6

CASH ACCOUNT.

1909.		1910.	
Nov. -	Balance, - - - -	Nov. -	Printer's Account:
	£39 9 8		Omitted from last Session
1910.			£3 7 0
Nov. -	171 Annual Subscriptions, -		For present Session, - -
	64 2 6		82 1 2
	Contribution from Capital		Bookbinder's Account, - -
	3 7 6		2 7 6
	Account, - - - -		Insurance Premium, - - -
	3 7 6		0 6 0
	Bank Interest, - - - -		Bank Charges, - - - -
	3 18 0		0 2 6
			Janitor's Fees, - - - -
			1 4 0
			Stationery, &c., - - - -
			0 12 0
			Stamps and Sundry Expenses,
			2 16 10
			Balance, - - - -
			18 0 8
	£110 17 8		£110 17 8
	£110 17 8		£110 17 8

JOHN TURNER,)
NEIL M. ARTHUR,) *Auditors.*

ALEX. D. RUSSELL, *Hon. Treasurer.*