

EMS Minutes: Volume 1: pages 340 to 346

1921-22: Fortieth session

Session 1921-22.

Fortieth Session.

11.11.21.

Minutes of meeting held on Friday, 11th Nov. 1921, in the University, Edinburgh, Mr Gibb, President, in the chair. An address was given by Professor Whittaker on "The Geometry of Relativity."

Dr Horsburgh, the honorary treasurer, submitted his annual report, which showed balances in favour of the society of £ 37-10-3 on the Capital Account and £ 85-8-11 on the Cash Account.

On the motion of the Chairman, the report was adopted and Dr Horsburgh was thanked for his services to the society.

Mr Gibb submitted his report as librarian, stating that the usual periodicals had been received during the session, together with some additional periodicals and pamphlets. He emphasised the need for expenditure on binding if the library was to be maintained in an efficient state. Dr MacRobert moved the adoption of the report and the award of a vote of thanks to Mr Gibb for his continued care

Meeting: 11th November 1921

of the library. This was unanimously agreed to.

The following office-bearers were elected for session 1921-22 :-

President - T.M. MacRobert, M.A., D.Sc., F.R.S.E.

Vice-President - Peter Ramsay, M.A., B.Sc., F.R.S.E.

Hon. Secretary - Bewan B. Baker, M.A., B.Sc., F.R.S.E.

Hon. Treasurer - E.M. Horsburgh, M.A., D.Sc., A.M.I.C.E.

Editors of Proceedings - { Arch. Milne, M.A., D.Sc., F.R.S.E.
 { George D.C. Stokes, M.A., D.Sc.

Committee - David Gibb, M.A., B.Sc., F.R.S.E.

Professor E.T. Whittaker, Sc.D., F.R.S.

Marta A. Dallas, M.A.

James D. Fulton, M.A., B.Sc.

Gertrude M. Pagaw,

William Arthur, M.A.

Library Committee - Mr Gibb (Convener), Miss Dallas,
and Miss Pagaw.

Mr John McCaig and Mr William G. Burrell
were elected ordinary members of the society.

There were nominated for membership

Mr Hugh Higgins, M.A., B.Sc., Whitchill H.G. School, Glasgow,

Mr Charles Black, University College, Dundee,

Mr Alex. J. Merrilees, M.A., B.Sc., George Watson's Ladies College, Edin.

Thomas M. MacRobert

9-12-21

Minutes of Meeting held on Friday, December 9th 1921 in the University, Glasgow; Mr Ramsay, Vice-President, in the chair.

The following papers were read:-

1. The Asymptotic Expansions for the Functions of the Elliptic Cylinder by Prof. Wm. Marshall
(Communicated by Dr MacRobert)
2. A school method of evaluating π
by Dr. G. D. C. Stokes
3. The extended form of Pythagoras' Theorem
by Dr G. D. C. Stokes
4. Note on Halley's Problem
by R. F. Davis

(Communicated by Mr Ramsay).

Mr Hugh Higgins, Mr Charles Black & Mr Alex. J. Merricks were elected ordinary members of the Society.

There were nominated for membership
Professor Turnbull, The University, St. Andrews
Mr Andrew Martin, M.A.; B.Sc. Allan Glen's School, Glasgow.

On the motion of the Chairman, Professor & Mrs Gibson were thanked for their hospitality to members of the Society.

Thomas M. MacRobert.

Meeting: 9th December 1921

13-1-22

Minutes of Meeting held on Friday, January 13th 1922, in the University, Edinburgh, Dr MacRobert, President in the chair.

The following papers were read: -

1. The Vibrations of a Particle about a Position of Equilibrium, Part 2; The Relation between the Elliptic Function and Series Solutions.

by Mr Bewan B. Baker

2. Note on Sylvester's Dialytic Method of Elimination

by Prof. E. T. Whittaker

3. Note on an Asymptotic Expansion for the Exponential Function by Professor E. T. Whittaker.

Professor Turnbull and Mr Andrew Martin were elected ordinary members of the Society.

Peter Ramsay,
Vice-President.

0-2-22

Minutes of Meeting held on Friday, February 10th 1922, in the University, Edinburgh, Mr Ramsay, Vice-President, in the chair.

The following Papers were read: -

1. The Asymptotic Expansion of the Confluent Hypergeometric Function and a Fourier-Bessel Expansion by Dr T. M. MacRobert.

2. A Note on the Tetrahedron by Mr S. L. Green

Meetings: 13th January 10th February 1922

(Communicated by Mr. D. Gibb).

3. Root extraction by the Calculating Machine

by Dr. E. M. Housburgh.

There were nominated for membership: -

Miss Mary A. Kerr, B.Sc. Croftside, Leithgow

Miss Isabella M. Morrison, M.A.; B.Sc.; 5 Kelmaure

Terrace, Edinburgh.

Thomas M. MacRobert

President

0-3-22.

Minutes of Meeting held on Friday, March 10th 1922,
in The University, Edinburgh, Dr MacRobert, President,
in the chair.

The following papers were read: -

1. Recent Work on Earthquake waves

by Dr C. G. Knott.

2. Note on the summation of a certain trigonometrical
series by Mr G. D. Lidstone

Communicated by Dr Stokes.

Miss Mary A. Kerr & Miss Isabella M. Morrison were
elected ordinary members of the Society.

Prof. Marshall, Acting Head of Mathematical Department,
Purdue University, Lafayette, Indiana, U.S.A. was
nominated for membership.

Thomas M. MacRobert

President

Meeting: 10th March 1922

12-5-22

Minutes of Meeting held on Friday, May 12th 1922, in the University, Glasgow, Dr MacRobert, President in the Chair.

The following papers were read:—

1. Newton's conception of a limit as interpreted by Robins and Jurin respectively by Prof. G. A. Gibson
2. Remarks on Matthei's Functions.

by Dr John Dougall.

Professor Marshall was elected an ordinary member of the Society.

Professor Andrew Gray, F.R.S., The University, Glasgow or Mr C. K. Bird, B.A., 71 The Mount, York. were nominated for membership.

The President reported that an invitation had been received from Professor Turnbull, for the Society to hold a meeting at the University of St. Andrews. The Committee recommended that the invitation should be accepted and that the next meeting of the Society should be held there on Saturday, June 10th. This suggestion was adopted.

On the motion of the President, Professor and Mrs Gibson were thanked for their hospitality to members of the Society.

Meeting: 12th May 1922

10-6-22

Minutes of meeting held on Saturday, 10th June 1922
in the United College, St. Andrews, Prof. Stiggall
in the chair.

The following papers were read:—

1. The Invariant Theory of Circles and Bicircular
Quartics by Prof. H. W. Turnbull
2. On Mathieu Functions of Higher Order
by Prof. Pierre Humbert.
(Communicated by Mr Gibbs)
3. Notes on Everett's Interpolation Formula
by Mr G. D. Lidstone
(Communicated by Mr Robinson)
4. Notes on Problems in the Theory of Potential
by Mr C. E. Wolff.

Prof. Andrew Gray, F.R.S., ^{Mr C. Bird} were elected as
ordinary members of the Society.

There were nominated for membership:—
Mr J. A. Hardie, M.A.; B.Sc., Daniel Stewart's College,
Edinburgh.

Mr C. E. Wolff, 56 St. Vincent Crescent, Glasgow.

On the motion of Prof. Whittaker, Prof and Mrs
Turnbull were thanked for their hospitality to
members of the Society.

Thomas M. MacRae
President

Meeting: 10th June 1922

EDINBURGH MATHEMATICAL SOCIETY

FORTIETH SESSION, 1921-22.

THE SECOND ORDINARY MEETING for the Session will be held on *Friday, 9th December, at 6.30 p.m.*, in the MATHEMATICAL CLASSROOM, THE UNIVERSITY, GLASGOW.

BUSINESS.

1. The Asymptotic Expansions for the Functions of the Elliptic Cylinder - - - W.M. MARSHALL.
(To be communicated by Dr MACROBERT).
2. A School Method of evaluating π - - - Dr G. D. C. STOKES.
3. The extended form of Pythagoras' Theorem - Dr G. D. C. STOKES.

Professor and Mrs Gibson "At Home," 10 The University, Glasgow, from 5.30 to 6.30.

Office-Bearers for Session 1921-22.

President . . . T. M. MACROBERT, M.A., D.Sc., F.R.S.E.
Vice-President . . . PETER RAMSAY, M.A., B.Sc., F.R.S.E.
Hon. Secretary . . . BEVAN B. BAKER, M.A., B.Sc., F.R.S.E.
Hon. Treasurer . . . E. M. HORSBURGH, M.A., D.Sc., A.M.I.C.E.
Editors of Proceedings { ARCHIBALD MILNE, M.A., D.Sc., F.R.S.E.
 { G. D. C. STOKES, M.A., D.Sc.

Committee

DAVID GIBB, M.A., B.Sc., F.R.S.E.
Professor E. T. WHITTAKER, Sc.D., F.R.S.
MARTA A. DALLAS, M.A.
JAMES D. FULTON, M.A., B.Sc.
GERTRUDE M. PAGAN, M.A.
WILLIAM ARTHUR, M.A.

Library Committee.

Mr GIBB (Convener), Miss DALLAS, and Miss PAGAN.

The Subscription of **Ten Shillings** for the current Session is now due, and is payable to the Hon. Treasurer,

E. M. HORSBURGH, M.A., D.Sc., A.M.I.C.E.,
11 GRANVILLE TERRACE, EDINBURGH.

BEVAN B. BAKER, *Hon. Sec.*,
University of Edinburgh, Mathematical Department,
16 Chambers Street, Edinburgh.

Committee Meeting at 6.10 p.m.

THE EDINBURGH MATHEMATICAL SOCIETY—BALANCE SHEET, 1920-21.

CAPITAL ACCOUNT.

Bond (redeemed) with Interest - - -	£60 7 7	Purchase of Treasury Bond (B 162624)	£200 0 0
Bank Balance (November 1920) - - -	69 8 1	Circulars, Special Appeal - - -	1 13 0
Interest - - - - -	2 12 7	Bank Balance (November 1921) - - -	37 10 3
Life Members (Three) - - - - -	17 17 0		
Special Appeal Fund - - - - -	13 18 0		
From Cash Account - - - - -	75 0 0		
	<hr/>		<hr/>
	£239 3 3		£239 3 3
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CASH ACCOUNT.

Bank Balance (November 1920) - - -	£55 13 9	To Capital Account for Purchase of	
Interest - - - - -	5 16 9	Treasury Bond - - - - -	£75 0 0
Dividend on Bond - - - - -	6 0 0	Janitor and Rooms - - - - -	1 12 6
Sale of <i>Proceedings</i> - - - - -	13 2 4	Insurance and Bank Charges - - -	0 11 11
Annual Subscriptions - - - - -	87 13 8	Special Appeal (Postages) - - -	2 12 2
	<hr/>	Other Postages and Sundries - - -	3 1 0
	£168 6 6	Bank Balance (November 1921) - - -	85 8 11
	<hr/>		<hr/>
			£168 6 6
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Audited and found correct

E. M. HORSBURGH, *Hou. Treas.*