Session 1916 - 17

Thirty - Fifth Session.

10.11.16 Minutes of meeting held on Friday, 10th Nov. 1916, in the University, Edinburgh, Mr Russell, president, in the chair. The following papers were read :-

1. Some theorems on determinants by Prof Whittaker

2. On the theory of continued fractions by H. Datta.

Mr Horsburgh, Hon Treasurer, submitted his report which showed that there was a total balance to the credit of the society of £55 - 15 - 7.

On the motion of Mr Comrie, the report was adopted & Mr Horsburgh thanked for his services.

Mr. Smeal submitted the Hon Librarian's report which showed that 28 periodicals had been received in exchange for the society's Proceedings and 4 books and pamphlets had been presented to the society by their Authors. The report was adopted & the Librarian thanked for his services

Meeting: 10th November 1916

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The following office-bearers were elected for session 1916-17 :—

President	Peter Comrie, M.A., B.Sc., F.R.S.E.
Vice-President	Neil McArthur, M.A., B.Sc
Hon. Secretary	Peter Ramsay, M.A., B.Sc, F.R.S.E
Hon. Treasurer	E. M. Horsburgh, M.A., B.Sc, Assoc. M. Inst C.E.
Editors of Proceedings	R. J. T. Bell, M.A., D.Sc., F.R.S.E.
	Arch. Milne M.A., D.Sc., F.R.S.E.
Editor of Mathematical Notes	G. D. C. Stokes M.A., D.Sc.
Library Committee	David Gibb, M.A., B.Sc. F.R.S.E.
	Glenny Sneal, B.Sc.
	Lester R. Ford, M.A.
	Hon. Secretary
Committee	Alex. D. Russell, B.Sc, F.R.S.E, F.R.A.S
	George Philip, M.A., D.Sc.
	T. M. MacRobert, M.A., B.Sc.
	Professor E. T. Whittaker, Sc.D., F.R.S.

Professor T. J. J. See   U.S. Naval Observatory, Mare Island, California
was nominated by Professor Whittaker as a
candidate for membership.

Peter Comrie

8.12.16.

Minutes of meeting held on Friday, 8th Dec., 1916, in the University, Edinburgh, Mr Comrie, President, in the chair. The following papers were read:-

1. On a class of continued fractions, by Dr Lester R. Ford;

2. On certain determinants of Cayley and Sylvester, by Professor Whittaker;

3. An addition to the slide-rule, by Mr E. M. Horsburgh.

Professor See was elected an ordinary member of the Society. The following were candidates for membership:-

Miss Eleanor Fairman, Roselea, Broomieknowe,

Miss Merle Vieyra, 8 Mentone Terrace,

Miss Annie H. Numbers, 16 West Savile Terrace,

Miss Agnes M. Scott, Argyle Cottage, Liberton,

proposed by Professor Whittaker and seconded by the Secretary.

Mr George Calder, M.A., B.Sc., 42 Warrender Park Terrace, proposed by Mr Smeal and seconded by the Secretary.

Peter Comrie

2.1.17

Minutes of meeting held on Friday, 12th Jan., 1917, in the University, Edinburgh, Mr Comrie, President, in the chair. The following papers were read:-

1. The Apolar locus of two tetrads of points, by Dr W. P. Milne, communicated by the secretary;

2. A method of solving algebraic equations, by Dr L. R. Ford.

Meetings: 8th December 1916 12th January 1917

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Misses Pairman, Vieyra, Numbers and Scott and Mr Calder were elected members of the society.

The following were candidates for membership :-

Miss Isabel Drennan, 35 Woodburn Terrace,

Miss Catherine Mills, 8 Comely Bank Street,

Miss Margaret P. White, 1 Learmouth Gardens Lane,

proposed by Professor Whittaker and seconded by Dr McIntosh

C. G. Rittha
1917 Feb 9

9.2.17   Minutes of meeting held on Friday, 9th Feb., 1917, in the University, Edinburgh, Professor Whittaker in the chair. The following papers were read :-

1. The Co-apolars of a Cubic Curve, by Dr W. P. Milne, communicated by Dr A. Milne;

2. On the General Linear Differential Equation, by Dr S. Brodetsky, communicated by E. M. Horsburgh.

Misses Drennan, Mills, and White were elected members of the society,

Peter Comrie

Meeting: 9th February 1917

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9.3.17.

Minutes of meeting held on Friday, 9th March, 1917, in the University, Edinburgh, Mr Comrie, President, in the chair. The following papers were read:-

1. Transformations of axes for Whittaker's solution of Laplace's Equation, – by Dr. G. B. Jeffery, communicated by E. Blades;

2. On the failure of Heilermann's Theorem, by H. Datta.

Peter Comrie

11·5·17

Minutes of meeting held on Friday, 11th May, 1917, in the University, Edinburgh, Mr Comrie, President, in the chair. The following papers were read:-

1. A geometrical proof of a theorem by Hurwitz and Borel, – by Dr Lester R. Ford;

2. Geometrical illustrations of cyclant substitutions, by Dr David G. Taylor, communicated by A. G. Burgess.

The secretary, on behalf of the committee, gave notice of a motion to be made at next meeting of the society, that the second sentence of Rule 2 be altered to read "Any Ordinary member may compound for his annual subscriptions by the payment of Five Guineas, subject to a reduction of One Guinea for each period of ten years' membership of the Society."

Peter Comrie

Meetings: 9th March 11th May 1917

8.6.17.

Minutes of meeting held on Friday, 8th June, 1917, in the University, Edinburgh, Mr Comrie, President, in the chair.   The following papers were read:-

1. On the expression of compound determinants as simple determinants, by Professor Whittaker;

2. A closed system of triangles apolar to a given triangle, and derivative systems; — by W. L. Marr, communicated by the secretary;

3. (a) On a group of transformations connected with the 27 lines of the cubic surface;

    (b) On the plane representation of a certain class of homoloidal surfaces, — by Dr J. F. Tinto, communicated by the secretary;

4. On the computation of a Lagrangian interpolation, by A. W. Young, communicated by Professor Whittaker.

Dr Ford thereafter discussed the effect of a rise in prices on the amount of small money required for circulation.

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

The secretary made the motion of which he had given notice at the previous meeting, the purpose

Meeting: 8th June 1917

of which was to remove the privilege which persons members
outside of the United Kingdom had hitherto enjoyed
of becoming life-members of the Society at a lower
subscription than persons resident in this country.
Professor Whittaker seconded the motion, which
was carried unanimously.

Peter Comrie.

Edinburgh Mathematical Society.

THIRTY-FIFTH SESSION, 1916-17.

THE SECOND ORDINARY MEETING for this Session will be held on *Friday, 8th December,* at **5.30** *p.m.,* in the RESEARCH ROOM OF THE MATHEMATICAL INSTITUTE, THE UNIVERSITY, EDINBURGH.

BUSINESS.

1. On a Class of Continued Fractions - - Dr LESTER R. FORD.
2. On certain Determinants of Cayley and Sylvester - - - - - - Professor E. T. WHITTAKER.
3. An Addition to the Slide-Rule - - - E. M. HORSBURGH.

Tea will be served in the Institute from 4.45 p.m.

Office=Bearers for Session 1916=17.

President - - - PETER COMRIE, M.A., B.Sc., F.R.S.E.
Vice-President - - NEIL M'ARTHUR, M.A., B.Sc.
Hon. Secretary - - PETER RAMSAY, M.A., B.Sc., F.R.S.E.
Hon. Treasurer - - E. M. HORSBURGH, M.A., B.Sc., Assoc. M. Inst. C.E.
Editors of Proceedings - { R. J. T. BELL, M.A., D.Sc., F.R.S.E.
{ ARCHIBALD MILNE, M.A., D.Sc., F.R.S.E.
Editor of Mathematical Notes, G. D. C. STOKES, M.A., D.Sc.

Library Committee.

DAVID GIBB, M.A., B.Sc., F.R.S.E.
GLENNY SMEAL, B.Sc.
LESTER R. FORD, M.A., Ph.D.

Committee.

ALEX. D. RUSSELL, B.Sc., F.R.S.E., F.R.A.S.
GEORGE PHILIP, M.A., D.Sc.
T. M. MACROBERT, M.A., B.Sc.
Professor E. T. WHITTAKER, Sc.D., F.R.S.

Subscriptions are payable to the *Hon. Treas.,*
 E. M. HORSBURGH, M.A., B.Sc., Assoc. M. Inst. C.E.,
  11 GRANVILLE TERRACE, EDINBURGH.

PETER RAMSAY, *Hon. Sec.,*
63 COMISTON DRIVE.

Committee Meeting at 5.25.

FINANCIAL STATEMENT FOR SESSION 1915–16.

CAPITAL ACCOUNT.

Nov. 1915	To Capital Account (Nov. 1915)					
to	(5 % Exchequer Bond £50) -	-	-	-	£50	7 6
Nov. 1916	12 Life Subscriptions -	-	-	-	43	8 6
					£93	16 0

CASH ACCOUNT.

Nov. 1915	Bank Balance - - -	£48 4 11	*Nov.* 1915	Printer's Account - - -	£115	8 1
to	Sale of *Proceedings* and *Notes*		*to*	Bookbinder's Account - -	11	0 2
Nov. 1916	(nett) - - - -	5 16 0	*Nov.* 1916	Insurance Premium - -	0	7 0
	102 Annual Subscriptions			Bank Charges - - -	0	2 0
	(less one commission) -	38 4 6		Rooms : Lighting, Heating,		
	Deficit - - -	38 0 5		Cleaning, and Janitor's Fees	1	6 6
				Postages and Sundries - -	2	2 1
		£130 5 10			£130	5 10

Balance in favour of Society, - - £55 15s. 7d.

P. COMRIE,
ARCH. MILNE, } *Auditors.*

E. M. HORSBURGH,
Hon. Treasurer.