EMS Minutes: Volume 1: pages 258 to 267

1911-12: Thirtieth session

Session 1911-12.

Thirtieth Session.

10. XI. 11

Minutes of Meeting held on Fuday, 10th hovember, 1911, in the Edinburgh Justitution, & Queen Street; Mr. Lumer, President, in the Chair.

The death of Professor Chuptal was referred to by the President, and the following motion was ordered to be inserted in the munites: -

The Members of the Edinburgh Mathematical Society hereby record their deep sorrow for the death of Professor Chrystal. They remember with gratitude the great services he rendered as one of the founders of the Society, and with profound admiration the brilliant-gifts which he so unquidgingly devoted to the cause of Secure. They would join in the universal tubute of respect which is being paid to one whose unflagging yeal and consummate ability will remain a lasting menury.

The following papers were read: -

- 1. The system of cubic curves circumseribing two triangles and a polar to them, by D: W. P. Milne.
- 2 an easy germetrical representation of the Sentie Covariant of a Buiany Quartie, by D. W. P. Michre.

Meeting: 10th November 1911

Both ofthese papers were communicated by M.N.M'arthur. 3. On the numerical calculation of Natural Loganthous, by Dr. J. Hugh Miller, and communicated by M. Comme

M. Russell, How Freasurer, submitted his report for session 1910-11, which showed that I life subscription and 175 annual subscriptions had been received, and that there was a balance of £115-11- on the Capital account; and a balance of £19-16-1 on the Cash account; making a total balance of £134-17-1. M. Jenner, in moving the adoption of the report, congratulated Mrs Russell on the satisfactory state of the accounts.

Mr Gibb, the hibrarian, read his report, which showed that 31 periodicals had been received during the hast year in exchange for the Society's Proceedings, and in addition 12 looks and pamplets had been presented to the Society by their authors. It also showed that 58 periodicals had been bround during the Session at a cost of \$\frac{1}{2}-8\$. Mr gibb spoke of the essential super l'auce of continuing this course of bridging periodicals, and the Committee was requested to consider the question of increasing the grant ofor this purpose. The President moved the adoption of the Report, and mr gibb was thanked for his services.

The following Office bearers were elected for the session

1911-12:-

President, D.M. Y. Sommerville, M.A., D. Sc., F. R.S.E.

Vui- Mudent, A.G. Burges, M.A., F.R.S.E.

Hm. Sevetary, Peter Comme, M.A., B.Sc., F.R.S. E.

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

Editors of Proceedings, Neil M'arthur, M.A., B. Sc.

Robert J. T. Bell, M.A., D.Sc.

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

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

Professor John Miller, M.A., D.Sc., F. R.S. E.

J.A. M' Buile, B.A., B.Sc.

alex. Reighton, M.A., B. Sc.

hibrary Committee, David Gebb, M.A., B.Sc., F.R.S.E.

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

The Hon Secretary.

Mr Burgess was, on the motion of the Prendent, Chanked for his services during the time he had been Hon. Seevelary.

for ordinary membership.

1. David anderson, M.A.

Dumpies academy.

2. John Milne, M.A.

The academy

Greenock.

3. H. Levy, M.A., B.Sc. 218 Dalry Road, Edulrugh R. F. Mudie, B.A. Etun College, Window Peter Fraser, M.A. Maltenatial Lecturer The University Bustol WM y Dommenth minutes of meeting held on Friday, 9th Dec. 1911. 9. X11.11 in the Edinburgh distitution, 8 Queen St. Dr Sommerville, Exerident, in the chair. The following papers were read: 1. The mechanical solution of an n-ic equation, & exhibition of a model for the deterimention of the roots of a cubic by Professor Reddie. 2. Einstein's Principle of Relativity in the Kinematical

Meeting: 9th (!!) December 1911

aspect by Dr. Sommerville.

3. note in Legendre's & Bertrand's proop of the parallel-

postulate by infinite areas by Ir. Sommerville.

Messors anderson, huiline, Levy, Mudie, & Fraser, proposed at last meeting were elected Gratinary members.

The following were candidates for membership.

1. J. A. Donaldson, M.a.

cho Clark, 127 March mont Road,

Eduiburgh.

proposed by her Compile & seconded by his Russell.

2. John Hill, a. R. G. S.

allan Glen's School,

Glasgow.

proposed by her Russell & seconded by his Commic.

AG. Burgess.

2. Minutes of meeting held on Friday, 12th Jan. 1912, in the

12.I.12. Minutes of meeting held on Friday, 12th fan. 1912, in the Eduiburgh Anotation, 8 Queen St. her Burgers, Vice Prisibert in the chair. The following papers were read:

1. an infinite series of triangles of comics with a common pole of polar by J. A. Donaldson.

2. The condition that the family of surfaces $\rho(x,y,z,\lambda)=0$ may be one of an orthogonal triad by F. E. Edwardes.

3. Graphical trisection of circular are by R. F. Davis.

The last two papers were communicated by bur P. Ramsay.

Meesers Donaldson of Hill were elected Gradinary Evenibers.

Meeting: 12th January 1912

9. T. 12. minutes of meeting held on Friday, 9th Feb. 1912 in the Edinburgh Institution, & Queen M: It Sommerville, President, in the chair. The following papers were read: -1. 6 a Graphical Integration by Professor Goldycker, communicated by Ir Funishead. 2. a kuechanism for solving equations of the not degree by it knished. 3. The Geometry of the General Pedal Carre by G. Philip. 4. an Extension of the Remarider Theorem by com Gentle. The following were candidates for membership: 1. Professor J. C. Dwaminarayan, M. a. Gujerat College, ahmedabad, India. 2. H. C. Beaven, M. a. Clifton College, Bristol. proposed by her Comrie & seconded by his Burgers. DM. G. Jonnewille 8. 亚.12. minutes of meeting held on Friday, 8th march, 1912 in the Royal Technical Bollege, George Street, Glasgow, Dr Sommerville, President, in the chair. The following papers were read: -1. an analytical study of plane volling mechanisms by G. D. G. Stokes.

Meetings: 9th February 8th March 1912

- 2. The Fundamental Formula for the area of a Triangle in analytical Geometry by G. Tweedie, communication by her Horsburgh.
- 3. Proof of a Fundamental Relation between the Benching moment and Load Gurves lay E. M. Horsburgh.
- 4. au Extension of Clairant's Differential Equation by H. Levy Professor Sevaminarayan & he Beaven were elected ordinary members of the society.

The following were det candidates for membership: -

1. Frank Glanville Taylor b. a., B. Sc. hattematical Secturer

University College, nottingham.

2. Henry Thomas Kerbert Priaggio M.a., B. Sc. Sectioner on mathematics,

Eurosonity College, nottingham.

for the motion of the President-, Professor & know Gibson were thanked for the hospitality they extended to the members of the society, & Professor huller & the Governors of the Royal Technical College for their kindness in allowing the society the use of one of their rooms for this meeting.

minutes of meeting held on Friday, 10th may 1912 in the Edinburgh Institution, & Queen St. Dr Pinkerton in the chair. The following papers were read: -1. Investigations on bircular bubies and Bi-circular Quartico by W.P. milne, communicated by h. his arthur 2. notice sur les recherches de traclaurin concernant Pos cabiques circulaires by Professor Teixeira, communicated by Ar Bell. 3. note on Linear Differential Equations with constant coefficients by H. T. H. Biaggio, communicated by a. G. Bugen mossers Taylor & Viaggio, nominated at last meeting, were elected ordinary members of the society. The following were candidates for membership: -1. Professor E.T. Whittaker The Elniversity, Edinburgh. twoposed by the Horsburg a & seconded by the Courie 2. Professor J. S. Mae Gregor The thiversity, Edulurgh proposed by her Horsburgh & seconded by he thogehart. 3. J. R. milne D. Sc. Lecturer on Physical Optics, Eduibugh University 11 heelville Grescent Edinburgh proposed by her Horsburgh & seconded by her Comme.

Meeting: 10th May 1912

In Pinkerton, on belief of the committee, proposed that Dr. R.F. Munishead be elected on Honorary member.

18. V. 12 a Secondary Education Congress was held in Edinburgh University on Saturday, 18th knoy, 1912, and at 3.30 p.m. under the auspices of the Edinburgh trathematical Society, there was a meeting of those interested in the teaching of healthematics, when nearly 100 were firesent. It Sommerville, President of the Edinburgh trathematical Society presided of Professor Sibson of Glasgow University, on Graphical Work in School Teaching.

14.VT.12.

Minutes of meeting held on Friday, 14th June, 1912 in the Edinburgh Fistilution, 8 Queen H, Dr Sommerville, President, in the chair.

The following papers were read:

- 1. a problem in the Linear Flow of Heat discussed from the point of view of the Theory of Filegral Equations by Prof. Carslaw, communicated by Ir Sommerville.
- 2. Linear Substitutions of their of noariants by D. G. Taylor, communicated by J. Urgulart.
- 3. Two General Results in the Differential Calculus by W. Brash.

Meetings: 18th May 14th June 1912

Professors whattaker of Mac Gregor, of Dr Mulus were elected members, of Ir R.F. muirhead was elected an Honorary member of the Society. The President proposed a vote of thanks to the Headmoster & 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. D.M. y. Dommerville.

Edinburgh Mathematical Society.

THIRTIETH SESSION, 1911-1912.

THE SECOND ORDINARY MEETING for this Session will be held on Friday, 8th December, at 7.30 p.m., in the Edinburgh Institution, 8 Queen Street.

BUSINESS.

 The mechanical solution of an n-ic equation, an exhibition of a model for the determination of 	
the roots of a cubic	- Prof. PEDDIE.
2. Einstein's Principle of Relativity in its kinematical	al
aspect	- Dr Sommerville.
3. Note on Legendre's and Bertrand's proofs of the	ie
parallel-postulate by infinite areas	- Dr Sommerville.

Office-Bearers for Session 1911-12.

President, - . . D. M. Y. SOMMERVILLE, M.A., D.Sc., F.R.S.E.

Vice-President, - . A. G. BURGESS, M.A., F.R.S.E.

Hon. Secretary, - PETER COMRIE, M.A., B.Sc., F.R.S.E.

Hon. Treasurer, - ALEX. D. RUSSELL, B.Sc., F.R.S.E., F.R.A.S.

Editors of Proceedings, - NEIL M'ARTHUR, M.A., B.Sc.

ROBERT J. T. BELL, M.A., D.Sc.

Editor of Mathematical Notes, P. PINKERTON, M.A., D.Sc., F.R.S.E.

Library Committee.

DAVID GIBB, M.A., B.Sc., F.R.S.E. D. KENNEDY-FRASER, M.A., B.Sc. HON. SECRETARY.

Committee.

JOHN TURNER, M.A., B.Sc.
Professor John Miller, M.A., D.Sc., F.R.S.E.
J. A. M'BRIDE, B.A., B.Sc.
ALEX, LEIGHTON, M.A., B.Sc.

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34 HEUGH STREET, FALKIRK.

PETER COMRIE, Hon. Sec., 19 CRAIGHOUSE TERRACE.

Committee Meeting at 7.20.

Financial Statement for Session 1910-11.

CAPITAL ACCOUNT, INCOME. EXPENDITURE. 1910. Nov. - Contribution to Cash Account, - £3 15 0 Balance, - - -- £103 6 8 Nov. -Balance, - - - 115 1 0 1911. One Life Subscription, -4 0 0 Sale of Proceedings, &c., 11 9 4 £.118 16 0 £118 16 0 CASH ACCOUNT. 1911. 1910. £18 0 8 Printer's Account, -260 3 0 Nov. -Nov. - Balance, -Bookbinder's Account, 7 7 2 1911. Nov. - 175 Annual Subscriptions, 65 12 6 Insurance Premium, Contribution from Capital Janitor's Fees, 3 15 0 0 1 4 Bank Charges, Account, 3 11 8 0 8 6 Stationery, -Bank Interest, Postages and Sundry Expenses, 1 14 9 19 16 1 Balance, £90 19 10

£90 19 10

ALEX. D. RUSSELL, Hon. Treasurer.

NEIL M'ARTHUR, | Auditors.