

Scottish Charity Number SC000241

EDINBURGH MATHEMATICAL SOCIETY
REPORT AND FINANCIAL STATEMENTS
FOR THE YEAR ENDED
31 JULY 2012



EDINBURGH MATHEMATICAL SOCIETY

REFERENCE AND ADMINISTRATIVE INFORMATION

The Edinburgh Mathematical Society (EMS) is a registered Scottish charity, No. SC000241.

Trustees during the period 1 August 2011 to 31 July 2012

M A J Chaplain (*President from 21 October 2011, Vice President to 21 October 2011*)
T Antal (*Librarian from 21 October 2011*)
A M Davie (*General Secretary to 21 October 2011*)
P J Davies (*Vice President from 21 October 2011, President to 21 October 2011*)
J Farkas (*from 21 October 2011*)
E Gasparim (*Librarian to 21 October 2011*)
I Gordon (*Convener of the Editorial Board*)
A Hoyle (*to 21 October 2011*)
L Iancu (*from 21 October 2011*)
J Kedra (*to 21 October 2011*)
A Konechny
T H Lenagan (*Meetings Secretary*)
J D Mitchell (*to 21 October 2011*)
M Neunhoeffler (*from 21 October 2011*)
D Pontin
D T Pritchard
A Smoktunowicz (*General Secretary from 21 October 2011*)
R J Steiner (*Treasurer*)
S J Watson

Principal address

The Honorary Secretary
Edinburgh Mathematical Society
University of Edinburgh
School of Mathematics
James Clerk Maxwell Building
The King's Buildings
Mayfield Road
Edinburgh EH9 3JZ

Website

<http://www.ems.ac.uk>

Bankers

Bank of Scotland
Edinburgh Royal Mile Branch
PO Box 1000
BX2 1LB

The Royal Bank of Scotland plc
36 St Andrew Square
Edinburgh EH2 2YB

Independent Examiners

Chiene + Tait
Chartered Accountants & Independent Examiners
61 Dublin Street
Edinburgh EH3 6NL

Stockbrokers

Redmayne-Bentley LLP
104 West Campbell Street
Glasgow G2 4TY

VAT registration number

GB 607 3627 45

EDINBURGH MATHEMATICAL SOCIETY

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 JULY 2012

The trustees present their report and financial statement for the year ending 31 July 2012.

Structure, governance and management

The Society is governed in accordance with its Constitution and Rules (copies of which are available on request). The Constitution places the responsibility for the management of the Society in the hands of its General Committee, comprising President, Vice-President, one or two Secretaries, Treasurer, Librarian, Convener of the Editorial Board and at least six but not more than ten additional members, all of whom are elected annually. The Society also has an Investment Committee (responsible for monitoring the Society's finances and selecting investments), an Editorial Board, a Policy Advisory Group, a Research Support Fund Committee, an Education Committee and, when required, a Whittaker Prize Committee.

For the purposes of charity legislation, the trustees of the Society are precisely the members of the General Committee. The members for 2011-12 are listed on the previous page. The members of the General Committee are elected annually at the Annual General Meeting of the Society which is held in October. A list of the current members of all committees is available on request.

Objectives, activities and achievements

The Edinburgh Mathematical Society was founded in 1883 for "the mutual improvement of its members in the Mathematical Sciences, pure and applied", an objective that was later recast in broader and more outward looking terms as "the promotion and extension of the Mathematical Sciences, pure and applied, particularly in Scotland". The Society is an unincorporated association firmly established as the principal mathematical society for the university community in Scotland. Its membership is drawn from all the Scottish universities and other educational institutions as well as from mathematicians in industry and commerce both at home and overseas.

Meetings of the Society

In 2011-12 the Society held nine regular meetings, each addressed by a prominent mathematician. Details of the speakers for the Society meetings and the titles of their talks are given in the table below.

| Date | Place | Speaker | Title |
|-------------|--------------|--|---|
| 21/10/2011 | Edinburgh | P J Davies (Strathclyde) (Presidential Address) | <i>Numerical approximation of wave scattering problems</i> |
| 11/11/2011 | Glasgow | J H Maddocks (EPFL) | <i>Optimal packings of tubes, global radius of curvature, and ideal knot shapes</i> |
| 09/12/2011 | Heriot-Watt | B Niethammer (Oxford) | <i>Self-similar solutions for Smoluchowski's coagulation equation</i> |
| 20/01/2012 | Edinburgh | S Olhede (UCL) | <i>Modulated oscillations</i> |
| 17/02/2012 | Edinburgh | C Wright (Solipsys Ltd) (Popular Lecture) | <i>Juggling: theory and practice</i> |
| 16/03/2012 | Dundee | L Preziosi (Torino) | <i>The mathematics of cancer: an overview</i> |
| 27/04/2012 | Aberdeen | N Monod (EPFL) | <i>Fixed points and derivations</i> |
| 25/05/2012 | St Andrews | P Dehornoy (Caen) | <i>Set theory fifty years after Cohen</i> |
| 12/06/2012 | Edinburgh | E Ghrys (Lyon) (LMS Hardy Lecturer) | <i>Monge and optimal transport</i> |

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FOR THE YEAR ENDED 31 JULY 2012

Proceedings of the Edinburgh Mathematical Society

The Proceedings of the Edinburgh Mathematical Society has been published by the Society since 1883. Three issues are published each year containing research papers covering a wide range of topics in pure and applied mathematics. The Proceedings has an international board of consulting editors and has a world-wide circulation. The Society has a completely digitised archive of the Proceedings collections.

Current subscribers have access to the archive for the past ten years. Issues before that, right back to 1883, are freely available to everyone.

Supporting joint initiatives

The Society is conscious that its declared objective - "the promotion and extension of the Mathematical Sciences" - is sometimes best achieved through the support of activities planned and instigated by others. It therefore has schemes for awarding grants for mathematical activities, and it also joins with other societies in supporting various joint initiatives at national and international level through subscriptions, donations and representation on committees. Details are set out below.

| Applicant | Purpose | Amount |
|-----------------------------------|-----------------------------|---------------|
| European Mathematical Society | Corporate Membership Fee | £357.66 |
| Scottish Mathematical Council | Donation | £50.00 |
| Joint Mathematical Council | Affiliation Fee (two years) | £192.00 |
| Society of Friends of Oberwolfach | Donation | £211.80 |

The Society became a member of the Council for Mathematical Sciences (C M S) in January 2008. The CMS is an umbrella organisation representing university level mathematics throughout the UK. There is no membership fee, but the Society covers the cost of sending a representative to meetings.

Newsletter

The *President's Newsletter* is sent annually to all members. It is designed to keep members informed about the Society's activities and describes recent events in a more detailed and informal way than is possible in this Annual Report. Copies are available on request.

Membership

Membership of the Society is open to all who are interested. Applications for membership are considered by the General Committee and can be refused only for good and proper reasons. The Society has reciprocity agreements with a number of overseas mathematical societies under which membership of one society gives the right to join the others at a reduced subscription. Postgraduate students at Scottish universities are offered free membership of the Society throughout the duration of their studies to encourage them to take part in Society activities.

Library

Most of the collections belonging to the Society are held in the Library of the University of Edinburgh and are recorded as such in the Edinburgh University Library catalogue. Some older books and journals are housed at the Collaborative Academic Store for Scotland (CASS), which is located in the Causewayside Building of the National Library of Scotland. The Society's principal collection consists mainly of periodicals obtained by exchange with other learned societies throughout the world; at present about 150 periodical titles are received. Members may consult or borrow books from the Society's Library, and are also entitled to use Edinburgh University Library; in return, members of Edinburgh University Library may use the Society's Library.

EDINBURGH MATHEMATICAL SOCIETY

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 JULY 2012

Website

The Society has a website (<http://www.ems.ac.uk>). It allows society members and non-members, to access information about the EMS such as key committee members, meetings calendar, Proceedings, support funds, and history of the Society.

Grants

The Society has three schemes for awarding grants: the **Research Support Fund**, the **Education Fund** and the **St Andrews Fund**.

The **Research Support Fund** (launched as the Centenary Fund in 1983, the Society's centenary year, and renamed in 2002 to make a clear statement of its purpose) gives financial support to a variety of mathematical activities, including research visits, conferences and publications. Any person may apply for a grant or guarantee from this fund. Applications are considered by the Research Support Fund Committee. The committee works to a set of rules, copies of which are made available to potential applicants. Awards are normally paid to an applicant's institution rather than the applicant personally.

The **Education Fund** supports educational activities of a mathematical nature at both school and university level. At school level it is advertised as the *Schools Enrichment Fund*. Applications may be made to the Education Committee, but additionally the Education Committee actively seeks out projects worthy of support and may organise activities itself.

The **St Andrews Fund** (formerly used to support colloquia at the University of St Andrews) is used to support the annual postgraduates' meeting at the Burn.

In addition to the above funds, General Committee from time to time makes special grants. Sometimes these are major grants for the support of large international conferences but equally they may be small grants for worthy mathematical purposes that do not fall within the remits of the two schemes.

The budgets for Research Support Fund, Education Fund and St Andrews Fund for this year and last year are given below:

| Fund | 2010-11 | 2011-12 |
|-------------------------|----------------|----------------|
| Research Support | £18,000 | £18,000 |
| Education | £9,000 | £11,500 |
| St Andrews | £3,000 | £3,000 |
| ICMS Research in Groups | £2,000 | £2,000 |

The following tables show details of the grants awarded in 2011-12

Research Support Fund grants paid in 2011-12:

| Applicant | Purpose | Amount |
|------------------------|--|---------------|
| Y Peresse (St Andrews) | North British Semigroups and Applications meeting | £331.50 |
| J Farkas (Stirling) | Visit of A Ackleh | £491.09 |
| J Taylor (Aberdeen) | Postgraduate Group Theory Conference 2011 | £825.00 |
| J Wattis (Nottingham) | Workshop on Nonlinear Waves and Solitons on Lattices | £383.07 |
| I Cheltsov (Edinburgh) | Visit of V Przyalkowski | £892.00 |
| J Nimmo (Glasgow) | Visit of J Zhao | £886.98 |
| A Duncan (Newcastle) | North British Geometric Group Theory Seminar | £850.00 |
| B Owens (Glasgow) | Visit of M Borodzik and A Nemethi | £750.79 |
| X Mao (Strathclyde) | Workshop on Stochastic Modelling in Ecosystems | £980.00 |
| S Kitaev (Strathclyde) | Conference on Permutation Patterns 2012 | £1,000.00 |
| M Bees (Glasgow) | Conference on Applications of Fluid Dynamics | £1,000.00 |
| J Farkas (Stirling) | Visit of A Calsina | £462.00 |
| M Wemyss (Edinburgh) | Visit of O Iyama | £687.65 |
| M Feigin (Glasgow) | Accompanying lectures for LMS Invited Lectures | £438.49 |

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FOR THE YEAR ENDED 31 JULY 2012

Education Fund Grants paid in 2011-12:

| Applicant | Purpose | Amount |
|--|---|---------|
| J. Collins (University of Edinburgh) | Royal Institution Masterclasses | £500.00 |
| SMC | Maths Challenge | £800.00 |
| F. Withey (Stirling High School) | S3 Maths Masterclasses | £500.00 |
| A. Maclean (Castlebay School, Barra) | Maths Roadshow | £435.00 |
| J. Noon (Peebles High School) | S4-S6 Maths Day | £416.00 |
| N. Tilston (Royal High School, Edinburgh) | S4 General and Advanced Higher Maths Camps | £500.00 |
| D. Heritage (Wester Hailes Education Centre, Edinburgh) | S1/S2 Problem Club / Problem of the Month | £500.00 |
| N. McGarry (Ayr Academy) | Lunchtime Puzzle Club | £499.99 |
| K. Laidlaw (Currie Community High School, Edinburgh) | P7 Enterprising Maths morning | £100.00 |
| S. Hamilton (Kirkcaldy High School) | Higher and Intermediate 2 Study Days | £100.00 |
| P. Batty (Brae High School, Shetland) | Maths Fun Day for feeder P7s | £450.00 |
| J. Blishen (Boroughmuir High School, Edinburgh) | Higher / Advanced Higher revision sessions (multiple schools) | £500.00 |
| C. Sim (Dyce Academy) | P7 Maths Day | £220.00 |
| M. Dorris (Taylor High School, Motherwell) | S5/S6 Maths Camp | £500.00 |
| H. Martin (University of Aberdeen) | P6/7 Enterprising Maths | £500.00 |
| E. Tompkins (St Vincent's Primary School, East Kilbride) | Primary Maths Challenge Day | £500.00 |
| T. Macdonald (St Aidan's High School, Wishaw) | Higher / Advanced Higher Study Weekend | £500.00 |
| D. Saffhill (Penicuik High School) | "Geometry in Art" for school art week | £400.00 |
| N. Dunsmuir (Lesmahagow High School) | Numeracy Club | £400.00 |
| J. Bonar (Greenfaulds High School, Cumbernauld) | Higher Maths Study Weekend | £500.00 |
| M. Gray / D. Blair (Craigmount High School, Edinburgh) | S4 Maths Camp | £250.00 |
| J. Scott (Holy Cross High School, Hamilton) | Primary Maths Challenge / Monthly Puzzle | £150.00 |
| A. Johnstone (Oban High School) | Advanced Higher Revision Day (multiple schools) | £400.00 |
| G. Dorrat (Anderson High School, Lerwick) | Team travel to UKMT Junior Maths Challenge | £500.00 |
| G. Nicholson (Beeslack Community High School, Penicuik) | Royal Institution Masterclass Celebration | £500.00 |

St Andrews Fund grant paid in 2011-12:

A meeting for postgraduate students was held at the Burn, near Edzell, from May 28-30 2012. From those who applied, 18 students from four Scottish universities were allocated places. The evident continuing success of this event bodes well for the continued health of Scottish mathematics.

| | |
|--------------------------|-----------|
| The Burn Conference 2012 | £2,906.10 |
|--------------------------|-----------|

Contributions received:

| | |
|---------------------------|---------|
| Burn Conference fees 2012 | £900.00 |
|---------------------------|---------|

Grant Rebate (RSF):

| | | |
|---------------------------|--|---------|
| I Karzhemanov (Edinburgh) | Workshop on 4-dimensional quotient singularities | £480.00 |
| B Jacelon (Glasgow) | Junior Operator Algebras Meeting | £24.00 |

EDINBURGH MATHEMATICAL SOCIETY

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 JULY 2012

Voluntary and Paid Work

The Society's officers and committee members undertake all their work for the Society on a voluntary basis. They therefore receive no payment beyond the reimbursement of some of their expenses. Many members of the Society, and indeed non-members too, also assist the Society in a range of activities including refereeing papers submitted to the Proceedings and representing the Society on other bodies. They too receive no payment other than reimbursement of some expenses. The Society is deeply grateful for all this assistance freely given and is very conscious that without it the Society's work would come to a halt.

The Society is also very grateful to the Scottish universities, particularly the University of Edinburgh, for permitting staff and resources to be used to assist the Society.

The Society has contracts with the International Centre for Mathematical Sciences in Edinburgh for the management of pre-production editorial work on the Proceedings, for the organisation of the post-graduate meeting, and for the future administrative support of committee meetings.

Financial Review

In round figures income was £81,000 and expenditure was £66,000 and at the end of the year the Society's assets were £368,000.

After providing for the expenditure on the production of the Proceedings of the Edinburgh Society to actively deploy the income it receives for the support of the mathematical community. The budget for the Education Fund was increased in the course of the year due to an extremely high demand (although the low number of applications for the Research Support Fund was disappointing). It is gratifying to note that the Society currently has the resources to be able to support so many of these applications.

During the past year our investments performed as well as could be expected under the current market conditions. There have been changes to our portfolio. Some government stock matured. We have sold the under-performing British Assets Trust and Henderson High Income. We replaced these with Temple Bar Investment Trust and Murray International. We also invested in Alliance Trust and increased our holdings of M&G Charifund (Income) and Invesco Perpetual High Income (Income).

Plans for the future periods

The speakers and dates for the Society's eight meetings in 2012-13 have already been confirmed.

Reserves policy

General Fund. This is used for the day to day operation of the Society, for grants and awards, and for subscriptions and donations to other bodies and other charitable activities not funded from designated funds. The uncertain financial climate, with low investment returns, and the future risks to academic publishing (a key part of the Society's income) have led the General Committee to conclude that it is prudent to hold a General Fund from which income can be drawn to maintain and extend its charitable activities. The General Fund is deemed an expendable reserve to be used in pursuit of the Society's objectives, and it is managed to provide income to be used to ensure the availability of resources for its grant schemes and other continuing charitable activities in future years. In order for the Society's activities to continue indefinitely at present levels, assuming an annual return of 3.5%, the General Committee has concluded that the level of the General Fund should be around £200,000.

Whittaker Prize Fund. This fund is a reserve held towards the cost of the Whittaker Prize, currently £500 awarded once every four years (occasionally two awards are made). The fund is intended to meet the designated object indefinitely, assuming an annual return of 3.5%.

EDINBURGH MATHEMATICAL SOCIETY

TRUSTEES' REPORT

FOR THE YEAR ENDED 31 JULY 2012

Reserves policy (cont'd)

St Andrews Fund. This fund is a reserve held towards the cost of the annual postgraduates' meeting at the Burn House, whose current budget is £3,000 a year. The fund is intended to meet the designated object for 5 years, allowing for inflation.

Publication Reserves Fund. This fund acts as the Society's reserves against contingencies, particularly in relation to the publishing of the Proceedings. It is designed to cover contingencies including the expense of producing and distributing the Proceedings for one year.

Investment policy

Decisions about investments are made by the Investment Committee and reported to the General Committee. They are made in order to maximise the benefit to the Society.

Risk management

The General Committee and Investment Committee annually review the Society's risk register identifying and quantifying potential risks to the Society and its plans and objectives, and laying out systems and strategies for mitigating those risks. These are addressed under the following headings: Governance, Operational, Financial, External, and Compliance. In certain cases the General Committee has established Designated Funds to set against potential risks; the risks or commitments that are covered by each fund are reviewed and revised annually.

Statement of trustees' responsibilities

The trustees are responsible for preparing the Trustees' Report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in Scotland requires the trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the charity and of the incoming resources and application of resources of the charity for that period. In preparing these financial statements, the trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles in the Charities SORP;
- make judgements and estimates that are reasonable and prudent;
- state whether applicable accounting standards have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the charity will continue in operation.

The trustees are responsible for keeping accounting records that disclose with reasonable accuracy at any time the financial position of the charity and enable them to ensure that the financial statements comply with the Charities and Trustee Investment (Scotland) Act 2005, the Charities Accounts (Scotland) Regulations 2006 (as amended) and the provisions of the charity's constitution. They are also responsible for safeguarding the assets of the charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

The trustees are responsible for the maintenance and integrity of the charity and financial information included on the charity's website. Legislation in the United Kingdom governing the preparation and dissemination of financial statements may differ from legislation in other jurisdictions.

On behalf of the trustees

Professor A Smoktunowicz (General Secretary)

2012



**INDEPENDENT EXAMINER'S REPORT TO THE TRUSTEES
OF EDINBURGH MATHEMATICAL SOCIETY**

I report on the accounts of the Edinburgh Mathematical Society for the year ended 31 July 2012 which are set out on pages 9 to 15.

This report is made to the trustees, as a body, in accordance with the terms of my engagement. My work has been undertaken to enable me to prepare the accounts on behalf of the Trustees and to report my opinion as set out below and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the trustees, as a body, for my work or for this report.

Respective responsibilities of trustees and independent examiner

The charity's trustees are responsible for the preparation of the accounts in accordance with the terms of the Charities and Trustee Investment (Scotland) Act 2005 (the Act) and the Charities Accounts (Scotland) Regulations 2006 (as amended) (the Regulations). The charity trustees consider that the audit requirement of Regulation 10(1)(a) to (c) of the Regulations does not apply. It is my responsibility to examine the accounts as required under section 44(1)(c) of the Act and to state whether particular matters have come to my attention.

Basis of independent examiner's statement

My examination is carried out in accordance with Regulation 11 of the Regulations. An examination includes a review of the accounting records kept by the Charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and seeks explanations from the trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit, and consequently I do not express an audit opinion on the view given by the accounts.

Independent examiner's statement

In the course of my examination, no matter has come to my attention:

- (a) which gives me reasonable cause to believe that in any material respect the requirements:
- to keep accounting records in accordance with Section 44(1)(a) of the Act and Regulation 4 of the Regulations, and
 - to prepare accounts which accord with the accounting records and comply with Regulation 8 of the Regulations
- have not been met; or
- (b) to which, in my opinion, attention should be drawn in order to enable a proper understanding of the accounts to be reached.

**Kenneth McDowell CA
CHIENE + TAIT
Chartered Accountants and Independent Examiners
61 Dublin Street
Edinburgh
EH3 6NL**

2012

EDINBURGH MATHEMATICAL SOCIETY
STATEMENT OF FINANCIAL ACTIVITIES
FOR THE YEAR ENDED 31 JULY 2012

| | General Unrestricted Fund £ | Designated Funds £ | 2012 Total £ | 2011 Total £ |
|--|--|-----------------------------------|-----------------------------|-----------------------------|
| Incoming resources | | | | |
| Incoming resources from generated funds: | | | | |
| Voluntary income | 24.00 | 900.00 | 924.00 | 2,155.60 |
| Investment income | 8,184.43 | - | 8,184.43 | 4,898.12 |
| Incoming resources from charitable activities: | | | | |
| Publisher proceedings income | 67,248.79 | - | 67,248.79 | 70,873.34 |
| Members' subscriptions | 4,460.00 | - | 4,460.00 | 4,430.00 |
| Total incoming resources | 79,917.22 | 900.00 | 80,817.22 | 82,357.06 |
| Resources expended | | | | |
| Charitable activities: | | | | |
| Proceedings | 32,085.95 | - | 32,085.95 | 31,428.50 |
| Meetings and lectures | 3,442.47 | - | 3,442.47 | 2,252.18 |
| Seminars and conferences | - | 2,906.10 | 2,906.10 | 5,037.36 |
| Grants, awards and prizes | 21,038.05 | - | 21,038.05 | 17,505.70 |
| Subscriptions and donations | 811.46 | - | 811.46 | 592.76 |
| Management and administration | 4,062.16 | - | 4,062.16 | 5,114.04 |
| | 61,440.09 | 2,906.10 | 64,346.19 | 61,930.54 |
| Governance costs | 1,325.00 | - | 1,325.00 | 1,245.00 |
| Total resources expended | 62,765.09 | 2,906.10 | 65,671.19 | 63,175.54 |
| Net incoming/(outgoing) resources before transfers | 17,152.13 | (2,006.10) | 15,146.03 | 19,181.52 |
| Transfers between funds | (2,006.10) | 2,006.10 | - | - |
| Net incoming resources before other recognised gains and losses | 15,146.03 | - | 15,146.03 | 19,181.52 |
| Realised loss on revaluation of investments | (1,713.39) | - | (1,713.39) | - |
| Unrealised gains on revaluation of investments | 9,745.20 | - | 9,745.20 | 21,162.57 |
| Net movement in funds | 23,177.84 | - | 23,177.84 | 40,344.09 |
| Total funds brought forward | 219,361.09 | 125,000.00 | 344,361.09 | 304,017.00 |
| Total funds carried forward | 242,538.93 | 125,000.00 | 367,538.93 | 344,361.09 |

All activities relate to continuing activities.

The notes on pages 11 to 15 form part of these financial statements.

EDINBURGH MATHEMATICAL SOCIETY

BALANCE SHEET

FOR THE YEAR ENDED 31 JULY 2012

| | Notes | 2012 | 2011 |
|---|--------------|--------------------------|--------------------------|
| | | £ | £ |
| Fixed assets | | | |
| Investments | 9 | 279,467.80 | 250,584.99 |
| Current assets | | | |
| Debtors | 10 | 1,093.91 | 1,203.20 |
| Cash at bank and in hand | 11 | 92,370.55 | 93,817.90 |
| | | <u>93,464.46</u> | <u>95,021.10</u> |
| Creditors: amounts falling due within one year | 12 | <u>5,393.33</u> | <u>1,245.00</u> |
| Net current assets | | 88,071.13 | 93,776.10 |
| Net assets | | <u><u>367,538.93</u></u> | <u><u>344,361.09</u></u> |

The funds of the charity:-

Unrestricted funds

| | | | |
|------------------|----|-------------------|-------------------|
| General fund | 13 | 242,538.93 | 219,361.09 |
| Designated funds | 13 | 125,000.00 | 125,000.00 |
| | | <u>367,538.93</u> | <u>344,361.09</u> |

The financial statements were approved by the trustees on behalf by:-

2012 and are signed on their

Professor M Chaplain
President

The notes on pages 11 to 15 form part of these financial statements.

EDINBURGH MATHEMATICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS *(cont'd)*

FOR THE YEAR ENDED 31 JULY 2012

1. Accounting policies

Accounting convention

The financial statements are prepared under the historical cost convention, as modified by the revaluation of certain fixed assets, and in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities (revised 2005), the Charities Accounts (Scotland) Regulations 2006, the Financial Reporting Standard for Smaller Entities (effective April 2008) and the Society's Constitution and Rules.

Incoming resources

Income is recognised in the period in which the Society is entitled to receipt and can be measured with reasonable certainty.

Investment income is recognised in the period in which it is receivable.

Members' subscriptions are recognised on a cash received basis.

Resources expended

All expenditure is included on an accruals basis and is recognised when there is a legal or constructive obligation to pay for expenditure. Grants, awards and prizes are accounted for when the recipient has submitted a claim and the trustees have thereafter agreed to pay the amount without condition. Expenditure on the governance of the Society, including independent examination and professional advice, is analysed to the governance costs category.

Management and administration costs have been separately disclosed in the Statement of Financial Activities. In the opinion of the trustees, there is no reliable method to allocate such support costs within charitable activities.

Assets and liabilities

Income and expenditure that is due to be received or incurred in one financial year but is not actually received or incurred before the end of that year is treated as an asset or liability in the Balance Sheet only if the payment is a legal or contractual requirement and not if the payment will be made on a voluntary basis. So, for example, payments for secretarial services could come into this category but membership subscriptions and grants would not.

Contributions and refunds received

The Society sometimes receives contributions from various sources towards meetings and other events that it organises. Sometimes also the recipient of a grant has to refund part or all of the grant, because conditions attached to the grant have not been met or the financial position has changed. In all such cases the contributions and refunds are recognised as income.

Investments

Investments are valued at their market value (selling price in the case of unit trusts).

VAT

The Society is VAT registered so expenditure is stated net of the recoverable amount of VAT.

2. Proceedings

The cost of complimentary copies of the *Proceedings* for copyright libraries, other organisations with whom the Society has exchange agreements, marketing purposes, internal use of the Society and its Publisher, and a small number of life members of the Society entitled to receive them under a now withdrawn Society rule is included in the expenditure, but no attempt has been made to quantify the value to the Society and the mathematical community of the journals in the Society's library that the Society receives from other organisations as a result of the exchange agreements.

EDINBURGH MATHEMATICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS *(cont'd)*

FOR THE YEAR ENDED 31 JULY 2012

3. Employees

The Society has no employees but incurs the cost of secretarial services.

4. Remuneration and reimbursement of expenses to trustees

No remuneration was paid to trustees. Trustees received reimbursement of expenses for the following two reasons: firstly travel expenses and accommodation of trustees attending meetings of, or on behalf of, the Society and secondly expenses incurred by the President of the Society entertaining speakers or guests of the Society. The total reimbursement of expenses paid to trustees was £426 (2011: £982).

5. Grants

Details of the grants awarded for the period are given in the trustees' report. It is the policy of the Society to award grants to institutions and only in exceptional circumstances to individuals. The largest grant awarded through the Research Support Fund or Education Fund was £1,000 (2011: £1,000).

6. Reimbursed expenses

Speakers to the Society are reimbursed for travel, subsistence and accommodation upon presentation of receipts for these items. Trustees and members received reimbursement of expenses and accommodation when attending meetings of, or on behalf of, the Society or making purchases on behalf of the Society. The President of the Society received reimbursement of expenses incurred by the President of the Society, entertaining speakers or guests of the Society. Members and individuals who were awarded grants received reimbursement of expenses for attending meetings on behalf of the Society or hire of accommodation upon presentation of receipts for these items. Finally payment was also made to individuals who helped the Society in the setting up or maintenance of its database or website. These were the only payments made to individuals in the current period.

7. Net incoming resources

| This is stated after charging:- | 2012 £ | 2011 £ |
|--|-----------|-----------|
| Independent examiner's remuneration – examination of financial statements | 1,325.00 | 1,245.00 |

8. Taxation

The Society is a registered charity and as a consequence no liability to taxation arises.

EDINBURGH MATHEMATICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS (cont'd)

FOR THE YEAR ENDED 31 JULY 2012

| 9. Investments | Holding | Valuation | 2012 | 2011 |
|---|----------------|------------------|------------------------|------------------------|
| | | £ | £ | £ |
| Government Stock: Conventional | | | | |
| 5% Treasury Stock 2012 | - | - | | 2,961.84 |
| 8% Treasury Stock 2013 | 1,735.52 | 1,894.15 | | 2,005.05 |
| 8% Treasury Stock 2021 | 3582.12 | 5,598.85 | | 5,177.95 |
| 3¾% Treasury Stock 2052 | 2,640.00 | 3,067.15 | | - |
| | | <hr/> | 10,560.15 | <hr/> 10,144.84 |
| Government Stock: Index-linked | | | | |
| 2½% IL Treasury Stock 2011 | - | - | | 6,134.80 |
| 2½% IL Treasury Stock 2013 | 6,122.07 | 17,356.07 | | 17,580.14 |
| 2½% IL Treasury Stock 2020 | 4,275.70 | 15,804.27 | | 14,854.21 |
| 2½% IL Treasury Stock 2024 | 4,888.39 | 16,376.60 | | 14,922.30 |
| 1¼% IL Treasury Stock 2027 | 11,604.99 | 14,308.95 | | 13,138.01 |
| 1⅛% IL Treasury Stock 2037 | 4,350.00 | 5,537.12 | | - |
| | | <hr/> | 69,383.01 | <hr/> 66,629.46 |
| Unit Trusts, OEICs and Investment Trusts | | | | |
| Alliance Trust | 5,850.00 | 21,083.40 | | - |
| M&G Charifund (Income) | 5,332.14 | 61,413.46 | | 61,953.60 |
| M&G Dividend A | 21,748.00 | 11,224.14 | | 11,648.23 |
| Temple Bar | 1,060.00 | 9,794.40 | | - |
| Invesco Perpetual High Income (Inc) | 7,907.87 | 26,740.46 | | 25,158.10 |
| Invesco Perpetual High Income (Acc) | 6,678.28 | 37,021.05 | | 33,499.59 |
| Invesco Perpetual UK Growth (Acc) | 6,468.93 | 22,457.54 | | 21,542.83 |
| Murray International | 980.00 | 9,790.20 | | - |
| British Assets Trust | - | - | | 8,364.42 |
| New Star Equity Income | - | - | | 11,643.93 |
| | | <hr/> | 199,524.64 | <hr/> 173,810.70 |
| Total investments | | | <hr/> <hr/> 279,467.80 | <hr/> <hr/> 250,585.00 |
| Valuation at 31 July 2011 | | | | 250,584.99 |
| Addition of Investments | | | | 48,242.60 |
| Disposal of investments | | | | (27,391.60) |
| | | | | <hr/> 271,435.99 |
| Realised loss on investments | | | | (1,713.39) |
| Unrealised gain on revaluation of investments | | | | 9,745.20 |
| | | | | <hr/> 279,467.80 |
| | | | | <hr/> <hr/> 279,467.80 |

The Society's investments are in general long-term investments.

EDINBURGH MATHEMATICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS (cont'd)

FOR THE YEAR ENDED 31 JULY 2012

| 10. Debtors | 2012 | 2011 |
|---|------------------|------------------|
| | £ | £ |
| VAT recoverable | 1,093.91 | 723.20 |
| Other Debtors | - | 480.00 |
| | <u>1,093.91</u> | <u>1,203.20</u> |
| 11. Cash at bank and in hand | 2012 | 2011 |
| | £ | £ |
| Royal Bank of Scotland | 1,194.88 | 482.43 |
| Bank of Scotland | 61,175.67 | 59,902.21 |
| Standard Life Bank: direct access | - | 21,618.53 |
| Standard Life Bank: 60 day notice | - | 11,814.73 |
| Bank of Scotland fixed term deposit | 30,000.00 | - |
| | <u>92,370.55</u> | <u>93,817.90</u> |
| 12. Creditors: Amounts falling due within one year | 2012 | 2011 |
| | £ | £ |
| Accruals | 5,393.33 | 1,245.00 |

13. Funds

The General Committee reviews its reserves policy annually. There are no restricted funds and no permanent endowment funds, and the Society's assets are divided into a General Fund and certain other designated funds. The Society has a broad-ranging programme of activities in support of its strategic objectives as described in the Trustees' Report, and they all need continuity of funding. The Society's assets are divided into designated funds as follows:-

| | Balance | Net | | Investment | Balance |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 1 August | incoming/ | | Gains | 31 July |
| | 2011 | (outgoing) | Transfers | | 2012 |
| | £ | resources | £ | £ | £ |
| | | £ | | | |
| Unrestricted funds | | | | | |
| General fund | 219,361.09 | 17,152.13 | (2,006.10) | 8,031.81 | 242,538.93 |
| | <u>219,361.09</u> | <u>17,152.13</u> | <u>(2,006.10)</u> | <u>8,031.81</u> | <u>242,538.93</u> |
| Designated funds | | | | | |
| Whittaker Prize Fund | 5,000.00 | - | - | - | 5,000.00 |
| St. Andrews Fund | 20,000.00 | (2,006.10) | 2,006.10 | - | 20,000.00 |
| The Publication Reserves Fund | 100,000.00 | - | - | - | 100,000.00 |
| | <u>125,000.00</u> | <u>(2,006.10)</u> | <u>2,006.10</u> | <u>-</u> | <u>125,000.00</u> |

EDINBURGH MATHEMATICAL SOCIETY

NOTES TO THE FINANCIAL STATEMENTS (cont'd)

FOR THE YEAR ENDED 31 JULY 2012

13. Funds (cont'd)

General Fund – this is used for the day to day operation of the Society, for grants and awards, and for subscriptions and donations to other bodies and other charitable activities not funded from designated funds. The uncertain financial climate, with low investment returns, and the future risks to academic publishing (a key part of the Society's income) have led the General Committee to conclude that it is prudent to hold a General Fund from which income can be drawn to maintain and extend its charitable activities. The General Fund is deemed an expendable reserve to be used in pursuit of the Society's objectives, and it is managed to provide income to be used to ensure the availability of resources for its grant schemes and other continuing charitable activities in future years. In order for the Society's activities to continue indefinitely at present levels, assuming an annual return of 3.5%, the General Committee has concluded that the level of General Fund should be around £200,000.

Whittaker Prize Fund - this fund is a reserve held towards the cost of the Whittaker Prize, currently £500 awarded once every four years (occasionally two awards are made). The fund is intended to meet the designated object indefinitely, assuming an annual return of 3.5%.

St. Andrews Fund - this fund is a reserve held towards the cost of the annual postgraduates' meeting at the Burn House, whose current budget is £3,000 a year. The fund is intended to meet the designated object for 5 years, allowing for inflation.

The Publication Reserves Fund (formerly known as the Strategic Reserve Fund) - this fund acts as the Society's reserve against contingencies, particularly in relation to the publishing of the *Proceedings*. It is designed to cover contingencies including the expense of producing and distributing the Proceedings for one year.

14. Analysis of net assets between funds

| | Investments £ | Net current assets £ | Total £ |
|------------------|-------------------|-------------------------------|-------------------|
| General funds | 154,467.80 | 88,071.13 | 242,538.93 |
| Designated funds | 125,000.00 | - | 125,000.00 |
| | <u>279,467.80</u> | <u>88,071.13</u> | <u>367,538.93</u> |

Assets are assigned to funds as follows:

The Whittaker Prize fund is allocated £5,000, the St. Andrews fund is allocated £20,000, the Publications Reserves Fund is allocated £100,000, and the General Fund is allocated the balance of the Society's assets.

15. Heritage assets

The Trustees have considered the requirement to report the nature of Heritage Assets under the control of the Society.

The Trustees have identified the following as Heritage Assets:-

- Most of the collections belonging to the Society are held in the Library of the University of Edinburgh and are recorded as such in the Edinburgh University Library catalogue. Some older books and journals are housed at the Collaborative Academic Store for Scotland (CASS), which is located in the Causewayside Building of the National Library of Scotland. The Society's principal collection consists mainly of periodicals obtained by exchange with other learned societies throughout the world; at present about 150 periodical titles are received.

The Trustees are of the view that these heritage assets are of little commercial value and as such no value can be placed on these items for accounting purposes.

EDINBURGH MATHEMATICAL SOCIETY**SUPPLEMENTARY INFORMATION – ANALYSIS OF EXPENDITURE****FOR THE YEAR ENDED 31 JULY 2012**

| | 2012 | | 2011 | |
|--|-------------|-------------|-------------|-------------|
| | £ | £ | £ | £ |
| Proceedings | | | | |
| Typesetting, printing and binding | 19,199.96 | | 19,178.50 | |
| Editorial work | 12,250.00 | | 12,250.00 | |
| Administrative costs | 635.99 | | 533.52 | |
| | <hr/> | | <hr/> | |
| | | 32,085.95 | | 31,962.02 |
| Meetings and lectures | | | | |
| Speakers' expenses | 1,860.52 | | 1,177.66 | |
| Accommodation costs | 267.00 | | 290.00 | |
| President's expenses | 1,314.95 | | 784.52 | |
| | <hr/> | | <hr/> | |
| | | 3,442.47 | | 2,252.18 |
| Seminars and conferences | | | | |
| Postgraduate meeting | 2,875.00 | | 4,891.06 | |
| Postgraduate expenses | 31.10 | | 146.30 | |
| | <hr/> | | <hr/> | |
| | | 2,906.10 | | 5,037.36 |
| Grants, awards and prizes | | | | |
| Research Support Fund | 10,417.06 | | 11,631.27 | |
| Education Fund | 10,620.99 | | 5,874.43 | |
| | <hr/> | | <hr/> | |
| | | 21,038.05 | | 17,505.70 |
| Subscriptions and donations | | | | |
| European Mathematical Society | 357.66 | | 378.68 | |
| Scottish Mathematical Council | 50.00 | | - | |
| Joint Mathematical Council | 192.00 | | - | |
| Society of Friends of Oberwolfach | 211.80 | | 214.08 | |
| | <hr/> | | <hr/> | |
| | | 811.46 | | 592.76 |
| Management and administration | | | | |
| Secretarial services | 1,483.99 | | 1244.88 | |
| Work on database/logo/website/posters | 1,039.28 | | 327.00 | |
| Printing, photocopying, postage, etc | 45.12 | | 282.26 | |
| Expenses of trustees on Society business | 426.35 | | 982.00 | |
| Expenses of members on Society business | 592.84 | | 405.15 | |
| Bank charges | 316.25 | | 249.50 | |
| Investment commission | 158.33 | | 553.56 | |
| Professional Fees | - | | 536.17 | |
| | <hr/> | | <hr/> | |
| | | 4,062.16 | | 4,580.52 |
| Governance costs | | | | |
| Independent examiner's fee | 1,325.00 | | 1,245.00 | |
| | <hr/> | | <hr/> | |
| | | 1,325.00 | | 1,245.00 |
| | | <hr/> | | <hr/> |
| | | 65,671.19 | | 63,175.54 |
| | | <hr/> <hr/> | | <hr/> <hr/> |