

# LONDON MATHEMATICAL SOCIETY

**Professor Edgar H. Brown, Jr.**

(Brandeis University and University College, London)

## REPRESENTABILITY OF FUNCTORS, A SIMPLE AND USEFUL TECHNIQUE IN HOMOTOPY THEORY

*THURSDAY, 17th JANUARY 1974 at 5 p.m.*

BURLINGTON HOUSE  
PICCADILLY  
LONDON W1V 0NL

Tea will be served at 4.30 p.m.

It is possible that the power crisis may affect this meeting.

Any enquiries should be made to:

Mrs. Shalit, Burlington House (Tel.: 01-437 5377)

# LMS NEWSLETTER

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January 1974

## FORTHCOMING MEETINGS

Thursday, 17th January, 1974

E. H. Brown

Thursday, 21st February, 1974

D. Blackwell

Friday, 22nd March, 1974 at the University of York A. Fröhlich, A. L. Shields

At the invitation of Professor J. D. Weston, the May meeting will be held at the University College of Swansea on Friday, 17th May, 1974.

## NEWSLETTER BY AIR MAIL

This edition of the NEWSLETTER is being sent by air mail to overseas members. Council wishes to explore the feasibility of sending the NEWSLETTER regularly by air mail to those members who wish it; an

annual charge may have to be made for this service. Would interested members please write to J. L. Britton, Queen Elizabeth College, Campden Hill, London W8 7AH.

## TREASURER'S REPORT TO THE SOCIETY

Thanks to the effects of the Government's Prices and Incomes Policy, the outcome of the 1972/73 session is better than expected. The audited accounts show a surplus of income over expenditure of £8,034, as compared with £9,252 for the previous session. In fact, as a result of changes in the basis for company taxation, some dividends normally due in 1971/72 were not paid until 1972/73; if the figures are adjusted to reflect this, the reduction in the surplus appears a good deal sharper.

The market value of the Society's investments has fallen from £155,488 to £144,420 in the course of the session. Of this, £15,080 is due to the investment of recent surpluses. Thus there has, in effect, been a decline in the value of the Society's portfolio of around 7.5%, reflecting depressed conditions in the Stock Markets, not only in London, but throughout most countries of the world. Gilt-edged securities have suffered particularly badly and as a result the market value of the investments of the various special trusts administered by the Society has declined from £5,668 to £5,016 in the course of the year. If we allow for the effects of inflation on the value of

sterling, these figures appear much worse: undoubtedly the year has seen a fall in the real value of the Society's capital of approximately 20%.

Much of the Treasurer's time has been spent, rather unproductively, in trying to understand the implications of Value-added Tax for the Society, which is now registered as a taxable person under the Act. Although it may be necessary to reconsider this decision if circumstances change, Council has taken advantage of a provision available to Learned Societies under the Act, as a result of which no tax is payable on members' subscriptions.

Returning to the general situation, while the immediate position may appear satisfactory, the effect of the recent massive inflation will be seen very plainly in the next set of accounts. Despite price controls, the cost of producing and distributing the Society's various journals continues to increase, and this will inevitably be reflected in the prices of the Proceedings, Journal and Bulletin for 1975 and thereafter. The new Council will, I fear, also have to look very carefully at the rates for members' subscriptions.

I. M. JAMES

## REPORT OF THE SECRETARY

On November 1, 1972, there were 1,057 members (of whom 29 were the now-discontinued associate members) and 38 corporate members. During the session eight members died, 30 resigned or were deleted for non-payment of dues. Ten corporate members resigned, leaving 24 who pay for periodicals and four who give donations only. One hundred and sixty-one new members were elected; 11 of these were not taken up, one died, leaving a total of 1,168 members on November 1, 1973; this

consisted of 797 ordinary members and 371 reciprocity members.

During the session 1972-73 the Society had Professor G.-C. Rota of M.I.T. as its Hardy Lecturer; he visited around a dozen universities throughout Britain, and lectured in almost all. In summer 1973 the Society sponsored (jointly with N.A.T.O. and the University of Birmingham) an Instructional Conference on Algebras in Analysis.

D. A. BRANNAN

## DUNDEE CONFERENCE ON THE THEORY OF ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS

A conference on the theory of differential equations, similar to the conferences of 1970 and 1972, will be held in the University of Dundee from March 26 to 29, 1974. Information and application forms, to be returned by February 15, 1974, are available

from the Head of the Department of Mathematics in any British University or from the Organising Secretaries, Differential Equations 1974 Conference, Department of Mathematics, The University, Dundee DD1 4HN (Tel. Dundee 23181).

## BALKAN MATHEMATICAL CONGRESS

This will be held in Belgrade from June 24 to 30, 1974. For further information please write to Professor D. Kurepa,

Belgrade, Box 550, Yugoslavia.

D. A. BRANNAN

## EDINBURGH MATHEMATICAL SOCIETY

The E.M.S. has arranged the following lectures for the remainder of the session 1973-74:

January 18 (Edinburgh)	P. D. Robinson
February 15 (Edinburgh)	D. J. S. Robinson
March 1 (Dundee)	J. H. Wilkinson
May 11 (Aberdeen)	G. R. Allan
June 1 (St. Andrews)	T. B. Benjamin

The detailed arrangements for these

lectures (e.g. exact time, location and title of the lecture) are available, about a month before each meeting, from Dr. J. D. P. Meldrum, Mathematical Institute, 20 Chambers Street, Edinburgh EH1 1HZ (Tel. 031 667 1011, Ext. 2550). Details of membership of the Society are also available from Dr. Meldrum.

D. A. BRANNAN

## LECTURE NOTE SERIES

The next two volumes in this series, to be published early in 1974, are as follows:

Volume 12 Proceedings of the Symposium in Complex Analysis, Canterbury 1973;  
Volume 13 Combinatorics; Proceedings of the British Combinatorial Conference, Aberystwyth, July 1973.

Further information about these volumes,

including prices and exact date of publication, will be published in the NEWSLETTER.

I am always pleased to receive manuscripts suitable for publication in the Lecture Note Series; the length should be between 80 and 200 pages, though, exceptionally, longer manuscripts can be accepted.

G. C. SHEPARD