LONDON MATHEMATICAL SOCIETY

Joint Meeting with the

EDINBURGH MATHEMATICAL SOCIETY

PROFESSOR A. ERDÉLYI
(Edinburgh)

INTEGRAL TRANSFORMS OF GENERALIZED FUNCTIONS

PROFESSOR G. BROWN
(New South Wales)

CONVOLUTIONS OF MEASURES

FRIDAY, 16 January, 1976, at 3.30 p.m.

**Room L 101,
Merz Court,
University of Newcastle upon Tyne.**

Tea will be served in the Buttery at 4.30 p.m.

LMS NEWSLETTER

SOCIETY DINNER

A buffet dinner will be served in the Buttery, Merz Court, University of Newcastle at 7.30 p.m. on Friday 16 January at a cost of £2·30 per person (wine included). Would those wishing to attend please book by sending a cheque (payable to B. E. Johnson) for the appropriate amount to Dept. of Pure Mathematics, Merz Court, The University, Newcastle upon Tyne, NE1 7RU to arrive by 7 January 1976, if possible.

B. E. JOHNSON

TREASURER'S REPORT ON THE 1974/5 SESSION

The Society's income was little changed from the previous session while expenditure rose in response to inflationary pressures. The reduction in the number of pages in each part of the Bulletin, Journal and Proceedings achieved a substantial saving, without which the position would have been far worse. At £9,153 the surplus of income over expenditure shows a fall of over £6,000 from the corresponding figure for the previous session. Further increases in costs are undoubtedly on the way, but the new subscription rates should help to offset this.

The market value of investments in the Society's General Funds rose from £74,698 to £129,514, due to the recovery of the Stock Market, while Bank deposits were built up from £17,385 to £22,884. Dividends and interest brought in £9,911, as compared with £8,970 in the previous session. The experience of the Trust Funds was similar. Members subscriptions were slightly down at £8,613, as compared with £9,313. Notable features on the income side were the receipt of £5,117 from Russian Mathematical Surveys and £3,524 from sales of back numbers. Without our investment income, however, there would have been no overall surplus.

In these anxious times it is difficult to look ahead with any certainty and members will, I feel sure, wish Council to direct the Society's affairs with caution. This points, I fear, to some continuation of the economy measures imposed at the beginning of the year, but otherwise a full programme is planned for 1976.

LIBRARY AGREEMENT

I reported to you, in a previous Newsletter, that the L.M.S. was negotiating a new library agreement with University College London with a view to relieving ourselves of many of the costs incurred by the library, which had been of the order of £2,000 per annum. I am pleased to report to you that agreement has been reached and became effective on 1 January 1975. The exact details of the library agreement are too complex to report here but the two main points are as follows: Firstly, University College has agreed to take over the purchasing of those periodicals previously purchased by the L.M.S. Secondly, University College has agreed to pay for the cost of binding the periodicals which we receive on an exchange basis in return for becoming joint owners of the periodicals so bound.

D. G. LARMAN

MEMBERSHIP

On 1 November 1975 the total number numbers of members of the Society was 1,255. The figures for previous years were as follows:

1972	1973	1974	1975
1057	1168	1267	1255

J. L. BRITTON

DATES OF MEETINGS

The policy about dates of meetings remains unchanged. As announced in the Newsletter of May 1975, meetings will normally be held on the third Friday of each month (October–June), except for the December meetings, which will be on the second Friday (because of Christmas). There will be no meeting in April because of the B.M.C.

J. L. BRITTON

SENIOR BERWICK PRIZE

At the June meeting, 1976, of the Society the Council will be awarding the Society's Senior Berwick Prize. Accordingly it has appointed the following as the 1976 Prize Committee: Professor M. F. Atiyah (Oxford), Professor P. M. Cohn (Bedford College) and Professor F. F. Bonsall (Edinburgh).

The Council invites members of the Society to submit their views confidentially in writing to any member of the Committee by 1 March. Council reserves the right not to make an award if a candidate of sufficient merit is not recommended by the Prize Committee.

The principal points that members should note are:

(1) The Prize will be awarded in respect of a definite piece of work published by the Society in any of its publications (at present the three periodicals, the Monographs, and the Lecture Notes Series) in the period 1 January, 1972, until 31 December, 1975.

(2) The members of the Prize Committee are ineligible for the award.

(3) Only mathematicians who are members of the Society at the date of the award are eligible for the Prize.

(4) No member can receive the Senior Berwick Prize more than once; winners of the Junior Berwick Prize are not however disqualified from eligibility. This regulation then excludes only the following members from eligibility: Messrs. P. Hall, J. E. Littlewood, G. Higman, W. K. Hayman, F. F. Bonsall, G. L. Watson, A. W. Goldie, R. Rado and P. M. Cohn.

D. A. BRANNAN

REFERENCES FOR RECENT LECTURE
By R. Penrose

1. Twistor Algebra, J. Math. Phys. **8** (1967) 345–366. 2. Solutions of the Zero-Rest-Mass Equations, J. Math. Phys. **10** (1969) 38–39. 3. Twistor Theory: Its Aims and Achievements—article in Quantum Gravity (Eds. C. J. Isham, R. Penrose & D. W. Sciama, Clarendon Press, Oxford, 1975) 268–407. 4. Twistors and Particles: an Outline—article in Quantum Theory and the Structures of Time and Space (Eds. L. Castell, M. Drieschner & C. F. von Weizsäcker, Verlag, München 1975) 129–145.

FORTHCOMING MEETINGS

1. The Seminar for Philosophy and Mathematics (Maurice Loi) of the Ecole Normale Supérieure de Paris, and the Mathematical Seminar (Jean-Paul Pier) of the Centre Universitaire de Luxembourg, will organize an International Symposium on " Langage et Pensée mathématiques " " Mathematical Language and Mathematical Thought " in *Luxembourg* on June 9, 10, 11, 1976. Lectures have been announced so far by: Prof. Dieudonne, Kleene, Kuratowski, Martin-Löf, Thom. Information: Professor Jean-Paul Pier, Séminaire de Mathématique, Centre Universitaire, 162 A, Avenue de la Faïencerie, Luxembourg.

2. A conference on numerical analysis will be held under the auspices of the National Committee for Mathematics of the Royal Irish Academy at Trinity College Dublin from 16 to 20 August 1976. Invited speakers include: P. Arminjon, G. Capriz, P. G. Ciarlet, G. Dahlquist, E. G. D'jakonov, J. Douglas Jr., H. Fujita, R. Glowinski, J. W. J. Hosken, H. B. Keller, N. N. Kuznetsov, J. L. Lions, D. Loewenthal, G. I. Marchuk, N. Nassif, J. A. Nitsche, R. E. O'Malley Jr., M. R. Osborne, V. Pereyra, P. Rabinowitz, P. Rozsa, M. N. Spijker, J. Stoer, F. G. Tcheremissine, M. Urabe, A. Wakulicz, M. Yamaguti. The proceedings of the Conference will be published. Further details and registration forms may be obtained from the Conference Director, Professor J. Miller, School of Mathematics, Trinity College, Dublin 2, Ireland.

SUBSCRIPTIONS

Members are reminded that subscriptions for the 1975/76 session became due on 1st November 1975.

EDITOR OF THE NEWSLETTER

Professor B. E. Johnson will shortly take over as Editor of the Newsletter, so that from now on manuscripts should be sent to him at the Department of Mathematics, The University, Newcastle upon Tyne, NE1 7RU.