

# LMS NEWSLETTER

No. 48

April 1978

## L.M.S. COMMITTEES AND REPRESENTATIVES

The various L.M.S. Committees and representatives appointed by Council are:

GENERAL PURPOSES COMMITTEE: President (Convenor), Treasurer, Librarian, Council Secretary, Meetings Secretary, Publications Secretary.

PUBLICATIONS COMMITTEE: Publications Secretary (Convenor), Editor and Secretary of each of the Journal, Bulletin and Proceedings.

DURHAM SYMPOSIA COMMITTEE: J. H. Williamson (Convenor), T. J. Willmore, C. A. Rogers, J. F. Adams, P. M. Cohn, H. Crank.

FINANCE COMMITTEE: Treasurer (Convenor), President, Publications officer, D. A. Brannan, C. T. C. Wall.

BULLETIN: D. E. Edmunds (Editor '77- ); R. H. Dyer (Secretary, '74- ).

PROCEEDINGS: G. R. Allan (Editor; '76- ); J. H. Roseblade (Secretary; '75- ).

JOURNAL: P. M. Neumann (Editor; '76- ); (Secretary; '77- ).

TECHNICAL EDITORS: M. Nicholas (JLMS); (BLMS); A. Sharp (PLMS).

REVIEWS EDITOR: C. B. Thomas ('76- ).

OBITUARIES EDITOR: J. V. Armitage ('73- ).

JOINT MATHEMATICAL COUNCIL: M. E. Rayner ('77- ).

MONOGRAPHS: D. A. Edwards (Business); H. Halberstam (Jan. '78-Dec. '82).

LECTURE NOTES: I. M. James; R. L. E. Schwarzenberger (Jan. '78-Dec. '82).

COUNCIL FOR NATIONAL ACADEMIC AWARDS: P. A. Samet ('75- ).

RUSSIAN MATHEMATICAL SURVEYS: K. A. Hirsch ('60- ).

T.M.M.S. JOINT EDITOR: L. W. Longdon ('73- ).

RS/IMA JOINT COMMITTEE ON MATHEMATICAL EDUCATION: H. Halberstam (Jan. '77-Dec. '79).

ADVISORY BOARD OF WARWICK MATHEMATICS RESEARCH CENTRE: C. T. C. Wall (Oct. '75-Sept. '78).

BRITISH NATIONAL COMMITTEE FOR MATHEMATICS: C. T. C. Wall (Feb. '74-Dec. '81), W. H. Cockcroft (Jan. '76-Dec. '81), H. Halberstam (Jan. '73-Dec. '78).

BRITISH NATIONAL COMMITTEE FOR THEORETICAL AND APPLIED MECHANICS: A. B. Tayler

BRITISH MATHEMATICAL COLLOQUIUM: P. McMullen, A. W. Goldie.

U.K. PERIODICALS' BACKLOGS: C. T. C. Wall ('74- ).

TRUSTEE ON APPLIED PROBABILITY TRUST: G. E. H. Reuter

ARCHIVES: Librarian

PHOTOGRAPHIC ARCHIVES: D. G. Kendall ('74- ).

NEWSLETTER: B. E. Johnson ('75- ).

PERIODICAL EXCHANGES COMMITTEE: Librarian, Publications Secretary.

EDUCATION COMMITTEE: H. B. Griffiths (Convenor), M. F. Atiyah, H. Halberstam, C. P. Rourke, C. T. C. Wall, M. Rayner.

COLLINGWOOD PRIZE: E. J. Squires.

OPEN UNIVERSITY COMMITTEE ON MATHEMATICS FILMS: D. B. Singmaster, I. M. James, M. Rayner ('76- ).

CONFERENCE SUPPORT COMMITTEE: C. T. C. Wall (Convenor), T. J. Willmore, J. D. M. Wright.

MEMBERSHIP LIST COMMITTEE: Treasurer, Membership Secretary.

1978 INSTRUCTIONAL CONFERENCE COMMITTEE: C. A. Rogers, J. E. Jayne.

EUROPEAN SCIENCE FOUNDATION: I. M. James (Publications), H. B. Griffiths (Education), C. T. C. Wall (Advanced Courses). ('77- ).

NEWSLETTER EDUCATIONAL SUPPLEMENT: H. B. Griffiths, K. Hurst.

LOCAL REPRESENTATIVE NETWORK: A. W. Goldie.

## DATES OF SOCIETY MEETINGS

Friday/Saturday, 19/22 May 1978, Gregynog, Powys, weekend meeting.

Friday, 16 June 1978, Burlington House, Whitehead meeting

Friday, 13 October 1978, Burlington House.

Friday, 17 November 1978, Burlington House. Annual General Meeting and Presidential Address.

Friday, 19 January 1979, Newcastle, Joint meeting with E.M.S.

Friday, 16 March 1979, Burlington House, Naylor Lecture.

Friday, 18 May 1979, Country meeting.

Friday, 15 June 1979, Burlington House, Hardy Lecture.

Note that the date of the October 1978 meeting has been altered.

London meetings will be held in the Geological Society's Rooms, Burlington House, Piccadilly. Council meetings will be held in conjunction with all the above meetings except that on 19-22 May 1978. Council will meet in London on 12 May 1978.

D. B. SINGMASTER

## EDINBURGH MATHEMATICAL SOCIETY

Dr. J. H. Conway is unable to address the E.M.S. in St. Andrews on 27 May 1978 as previously announced. The meeting will

now be addressed by Dr. J. S. Rose (Newcastle), the date and venue remaining unaltered.

T. A. GILLESPIE

## JOURNAL OF APPLIED PROBABILITY

The subscription rates in 1979 for L.M.S. members will remain at £8.50 for individual

members, £22.50 for corporate members.

G. E. H. REUTER

## INTERNATIONAL CONGRESS OF MATHEMATICIANS: HELSINKI

As previously announced (Newsletter No. 41) this Congress will be held in Helsinki, Finland on 15-23 August 1978. The organisers fear that some of the announcements may have been ambiguous and wish

to inform members of the Society that the Second Announcement is still available and can be obtained from ICM 78, P.O. Box 161, SF-00111 Helsinki 171, Finland.

## CHARITY COMMISSION

Charity: Charities administered by The London Mathematical Society  
The Charity Commissioners propose to make a Scheme for this charity. Copies of the draft Scheme may be obtained from

them (ref: 252660-A1-L1) at 14 Ryder Street, London, SW1Y 6AH. Objections and suggestions may be sent to them within one month from today (1 April 1978).

I. M. JAMES

## HARMONIC ANALYSIS AND RELATED TOPICS

A Summer Research Institute on Harmonic analysis in Euclidean spaces and related topics, sponsored by the American Mathematical Society, will be held at Williams College, Williamstown, Massachusetts on 10-28 July 1978. Emphasis will be placed primarily on instruction at a very high level with seminars, study sessions and

lectures by distinguished mathematicians. Limited funds are available for supporting participants. Those wishing to take part or to be considered for financial assistance should write to W. J. Le Veque, American Mathematical Society, P.O. Box 6248, Providence, Rhode Island 02940.



## THE NACHLASZ OF FELIX KLEIN

Professor Konrad Jacobs and his colleagues in the University of Erlangen have recently prepared a facsimile of some 60 pages of manuscript written by Felix Klein. The first 20 pages contain the manuscript copy of Klein's inaugural speech at Erlangen (7 December 1872). The next 8 pages headed "The Course of Development of my Lectures and Researches" are dated 12 February 1913. The next 17 pages contain a series of year-by-year jottings concerning Klein's life and activities in Erlangen, Munich, and Leipzig, during the

period 1872–1886. The final 15 pages contain a similar series of personal notes covering the period 1886–1913. The text is not always very easy to read but the Editors have provided a typescript version on the facing page throughout. Copies of this informal publication can be obtained by writing to Professor Jacobs at The Mathematical Institute, University of Erlangen—Nürnberg, D8520 Erlangen, Bismarckstr. 1½, Federal Republic of Germany, at a charge of DM 20.

## BOOKS RECEIVED FOR REVIEW IN THE BULLETIN

**Lecture Notes in Mathematics** (ed. by A. Dold and B. Eckmann): vols. 571, 573–602, 604–606. (Springer–Verlag).

**Lecture Notes in Physics** (ed. by J. Ehlers, K. Hepp, R. Kippenhahn, H. A. Weidenmüller): vols. 60, 63. (Springer–Verlag).

**Lecture Notes in Computer Science** (ed. by G. Goos, J. Hartmanis): vols. 48, 49. (Springer–Verlag).

**Lecture Notes in Economics and Math. Systems** (ed. by M. Beckmann, H. P. Kunzi): vols. 139, 142–145. (Springer–Verlag).

**Combinatorial Group Theory**: R. C. Lyndon, P. E. Schupp: pp. 339. DM.72. (Springer–Verlag).

**Functions of Several Variables**: W. Fleming: pp. 411. DM.41. (Springer Verlag)

**Linear Geometry**: K. W. Gruenberg, A. J. Weir: pp. 198. DM.29. (Springer Verlag)

**Elementary Algebraic Geometry**: K. Kendig: pp. 309. DM.43. (Springer–Verlag).

**Geometric Topology in Dimensions 2 and 3**: E. E. Moise: pp. 262. DM.45. (Springer–Verlag).

**$p$ -Adic Numbers,  $p$ -Adic Analysis, and Zeta Functions**: N. Koblitz: pp. 122. DM.28. (Springer–Verlag).

**Einführung in die Funktionentheorie**: K. Janich: pp. 239. DM.25. (Springer–Verlag).

**Riemannsche Flächen**: O. Forster: pp. 223. DM.25. (Springer–Verlag).

**Lecture Notes in Pure and Applied Mathematics**: vols. 26, 30, 31, 37–40. (Marcel Dekker).

**Topological Algebras**: E. Beckenstein, Narici, Suffel: pp. 370, \$24.50. (Elsevier/North Holland).

**Topics in Information Theory**: I. Csiszar, P. Elias: pp. 592, \$81.75. (Elsevier/North Holland).

**Bornologies and Functional Analysis**: H. Hogbe-Nlend: pp. 180, \$19.50. (Elsevier/North Holland).

**Approximation of Vector Valued Functions**: J. B. Prolla: pp. 220, \$22.50. (Elsevier/North Holland).

**Theoretical and Applied Mechanics**: W. T. Koiter: pp. 600, \$48.95. (Elsevier/North Holland).

**Non-Classical Logics, Model Theory and Computability**: pp. 307, \$28.75. (Elsevier/North Holland).

**Combinatorial Set Theory**: N. H. Williams: pp. 214, \$26.75. (Elsevier/North Holland).

**Unsolved Problems Concerning Lattice Points**: Joseph Hammer: pp. 101, £5.00. (Pitman).

**Zeta Functions: An Introduction to Algebraic Geometry**: A. D. Thomas: pp. 230, £7.50. (Pitman).

**Nonlinear Diffusion**: W. E. Fitzgibbon, H. F. Walker: pp. 232, £7.50. (Pitman).

**Innovation Processes**: Y. A. Rozanov: pp. 136, £10.90. (Wiley).

- Convolution Integral Equations:** H. M. Srivastava, R. G. Buschman: pp. 164, £2·40. (Wiley).
- State of the Art in Numerical Analysis:** D. Jacobs: pp. 978, £20·00. (Academic Press).
- Combinatorial Surveys:** P. J. Cameron: pp. 226, £7·00. (Academic Press).
- Functional Analysis in Modern Applied Maths.:** Ruth F. Curtain, A. J. Pritchard: pp. 339, £10·80. (Academic Press).
- Algebraic Number Fields (L-functions and Galois Properties)** (ed. by A. Frohlich); pp. 704, £20·00. (Academic Press).
- Module Theory:** T. S. Blyth: pp. 400, £9·50. (Oxford University Press).
- Boolean Valued Models and Independence Proofs in Set Theory:** J. Bell: (Oxford Logic Guides) pp. 126, £5·95. (Oxford University Press).
- Elements of Intuitionism:** M. Dummett: (Oxford Logic Guides) pp. 467, £9·00. (Oxford University Press).
- Beginning Model Theory:** Jane Bridge: (Oxford Logic Guides) pp. 143, £4·50. (Oxford University Press).
- Interaction Models:** N. L. Biggs: pp. 101, £4·50 (Cambridge University Press)
- Modular Forms and Functions:** Robert A. Rankin: pp. 384, £16·50. (Cambridge University Press).
- Dynamics of the Upper Ocean:** O. M. Phillips, FRS; (2nd ed.). pp. 336, £16·00. (Cambridge University Press).
- Quantum Mechanics of One and Two Electron Atoms:** H. Bethe, E. E. Salpeter: pp. 369, \$8·95. (Plenum).
- Programming and Algorithms:** A. J. Guttmann: pp. 214, £3·50. (Heinemann).
- Environmental Health: Quantitative Methods:** Alice Whittemore: pp. 259, \$19·50. (S.I.A.M.).