

PROCEEDINGS OF THE ROYAL SOCIETY OF LONDON

A. MATHEMATICAL AND PHYSICAL
SCIENCES

Volume 314 pp. 285-455 Number 1518

13 January 1970 Price £1 15s (U.S. \$4.55)

PUBLISHED BY THE ROYAL SOCIETY
6 CARLTON HOUSE TERRACE LONDON S.W.1

NOTICE TO AUTHORS AND COMMUNICATORS

No scientific communication or paper is considered, read or published by the Royal Society unless it has been communicated by a Fellow or Foreign Member of the Society whose duty it shall be 'to satisfy himself that any letter, report or other paper which he may communicate is suitable to be read before the Society' (Statute 64).

Authors of papers submitted to the Royal Society are required to put their communications in as concise a form as possible. Papers should be typewritten, carefully revised and properly prepared as copy for the printer. Two copies of the typescript and of the illustrations should be submitted and it is desirable that a further copy be retained by the author.

The communicator shall be responsible for the suitable presentation of the paper and for its grammatical correctness. The Secretaries reserve the right to return a paper to the author for retyping or other adequate preparation if it is presented in a state which would make it difficult for the compositor to set.

Every paper must be accompanied by *three copies* of a brief summary not exceeding 5% of the length of the paper.

Authors are required to send in all original drawings, diagrams or other illustrations, in a state suitable for direct photographic reproduction. They should be drawn on a large scale (to allow reduction to $\frac{1}{2}$ or $\frac{2}{3}$ linear for finished blocks) in Indian ink on Bristol board or on good quality tracing linen or tracing paper, with temporary lettering in blue pencil. Great care should be exercised in selecting only those that are essential. If unsatisfactory drawings are submitted authors may be required to have them redrawn by a professional artist. The second, photocopied, set of figures should have the necessary lettering inserted clearly in ink. When photographs are essential one set, for the use of the blockmaker, should be in the form of glossy, unmounted and unlettered prints, suitably protected against damage.

It is to be understood that papers are only accepted on the assumption that authors are prepared to conform with the instructions to authors prescribed by the Royal Society.

Copies of *Notes on the preparation of papers to be communicated to the Royal Society* will be sent to communicators and authors of papers on application to the Executive Secretary.

ASSOCIATE EDITORS FOR PHILOSOPHICAL TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY

(For Standing Orders see 1969 Year Book, pages 168-172)

A. Mathematical and physical sciences

Professor D. R. Bates

Professor W. E. Burcham

Professor J. W. S. Cassels

Professor W. Cochran

Professor D. D. Eley

Professor A. W. Johnson

Professor M. J. Lighthill

Professor W. H. McCrea

Professor S. K. Runcorn

Professor J. Sutton

Dr D. Tabor

Professor D. H. Whiffen