

PUBLISHING NEWS

Journals

Starting with its January 1963 issue (Vol. 4, No. 1), the *Journal of Mathematical Physics*, which has appeared bimonthly since its inception in 1960, will become a monthly publication. Subscription prices for the new 12-issue volumes will be adjusted as follows: Members of AIP societies will now pay \$15 per year instead of \$8, and nonmembers will pay \$20 instead of \$10.

The journal was established as a medium for highly mathematical physics articles and papers on branches of mathematics which are currently or potentially useful for the development of theoretical physics. Among the subjects covered by the journal are: analysis, classical continuum physics, distribution functions, quantum field theory, graph theory, group theory and symmetry operations, isoperimetric inequalities, lattice dynamics, matrices, electron plasmas, radiation, relativity, scattering theory, special functions, statistical mechanics, equilibrium theory, and the many-body problem. The journal is edited by Elliott Montroll of the IBM Research Center at Yorktown Heights, N. Y.

Volume 1 (pages 1-80) of *Topology*, a new international quarterly originally conceived by the late J. H. C. Whitehead of Oxford, has been published by Pergamon Press. The journal aims to cover all aspects of topology, including areas employing such topological techniques as homological algebra, Lie groups, differential geometry, and algebraic geometry. The editorial board consists of M. F. Atiyah (Oxford), R. Bott (Harvard), F. Hirzebruch (Bonn), I. M. James (Oxford), and R. Thom (Strasbourg).

Annual subscription rates are \$30 for libraries and \$10 for individuals who place their orders directly with the publisher and certify that the journal is for their personal use. Subscription requests and information concerning contributions should be addressed to Pergamon Press Inc., 122 East 55 Street, New York 22, N. Y.

Materials Research: Properties and Testing of Engineering Materials is the title of a new international quarterly published by Heywood and Co. of London. Articles will appear in English, accompanied by abstracts in English, French, German, Italian, and Russian. The editors are E. G. Stanford (Banbury), T. J. Dolan (Illinois), and P. G. Bastien (Paris).

The first issue of the new journal, which appeared in April, contains a survey article on the properties and structure of metals, and several papers dealing with flaw-testing techniques and equipment and with the

characteristics and behavior of various materials of engineering interest.

Subscriptions (£5 per year) can be ordered from Heywood and Co., Ltd., Drury House, Russell Street, Drury Lane, London, W. C. 2, England.

Publication Charges

The following statement of policy on publication charges has been issued by the American Institute of Physics for the information of authors of papers submitted to the various research journals of the AIP and its Member Societies:

Page Charge. The author's institution is requested to pay publication charges for articles in most of the journals of the American Institute of Physics and its Member Societies. The basic philosophy stated by Dr. Tate in 1930, when this policy was initiated by *The Physical Review*, is now widely accepted—that a research investigation is not completed until the results are published and that the agency supporting the research has an obligation to support part of the cost of publication. We believe that physicists need to have their own copies of many of our journals and that subscription prices should therefore be kept as low as possible. The arrangement toward which we are striving would have the publication charges cover the costs of editorial work and composition so that subscriptions would have to cover only paper, printing, and distribution.

Federal Support. Our journals are not published for profit; the page charges do not cover the entire cost of publication; the schedule of page charges is the same for all authors; payment of publication charges is voluntary and is not a condition for the acceptance of a manuscript for publication. These are the qualifications for the payment of page charges out of federal funds under the policy stated in October 1961 by the US Federal Council for Science and Technology. As examples of authorizing directives, see Army R and D Directive NR310-2, SECNAV Instruction 5604.2, and Air Force Regulation No. 80-33.

Abstract Charge. The publication-charge philosophy stated above has been extended to include abstracting and indexing as essential to the completion of a research investigation in order to make the results fully available to other scientists. The principal English-language abstracting and indexing service for physics, which has been supported in part out of dues income for many years by The American Physical Society, is *Physics Abstracts*, which is Section A of *Science Abstracts*, published in London by the Institution of Electrical Engineers. Beginning with January 1963, an abstract charge of \$10 per article will be added to the page charges for articles carrying abstracts in most of the journals published by the American Institute of Physics for itself and for the Member Societies. The proceeds will be