

PUBLISHING NEWS

Magnetic Materials

A survey of the 1961 literature dealing with material properties attributable to ordered spin configurations has been prepared under the sponsorship of the 1962 AIEE-AIP Conference on Magnetism and Magnetic Materials and issued as the *Magnetic Materials Digest 1961*. It is the second volume in what is expected to be a continuing series produced under the aegis of the Conference, the first such digest having been compiled last year to cover the 1960 publications relating to magnetic materials. In previous years, a survey of the literature on magnetism had been included in the *Digest of Literature on Dielectrics*, but in 1961 the organizing committee of the Magnetism Conference accepted the responsibility for establishing a separate digest that would permit a more adequate survey of the increasing annual volume of magnetism literature. The 290-page *Magnetic Materials Digest 1961* was prepared under the editorship of Wilfred Palmer of IBM's Thomas J. Watson Research Center in Yorktown Heights, N. Y. Copies of the publication can be purchased (for \$5 each) from the American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

The Conference on Magnetism and Magnetic Materials has also undertaken the distribution of a reprint edition of an *Index to the Literature of Magnetism* (Vol. 1) with the permission of the Bell Telephone Laboratories, which originally produced the volume as the first of a series intended for the information of members of the Laboratories staff. The 141-page paper-bound volume contains some 1000 references from the 1961 literature and covers ferro-, ferri-, and antiferromagnetism and superconductivity. It includes a bibliography according to general topics, a permuted title index, and an author index. Copies of Volume 1 can be ordered from the American Institute of Physics. The volume is priced at \$3 a copy.

Journals

Pergamon Press has announced plans to publish a new interdisciplinary quarterly under the title, *International Journal of Engineering Science*. The proposed periodical is intended to provide a medium of communication among physicists, chemists, and engineers, and is to be concerned with the "application of natural and mathematical sciences to engineering, and particularly with original research which focuses on the cross-fertilization of such fields as mechanics, electricity and magnetism, thermodynamics, and physical chemistry, both from continuum and molecular points of view". A. C. Eringen of Purdue University has been named editor-in-chief, and I. N. Sneddon of the University of Glas-

gow has been appointed regional editor. They will be assisted by an international board of 29 editorial advisers representing eleven countries. Papers are to be published in English, French, and German, with abstracts in English, French, German, Italian, and Russian. The subscription price for libraries and institutions is \$30 per year; the rate for individuals is \$10.

Another new addition to the Pergamon family of journals is *Solid State Communications*, a monthly medium for the rapid publication of short communications in the solid-state sciences which is to contain material formerly published in the letters section of Pergamon's *Journal of the Physics and Chemistry of Solids*. The new periodical also plans to accept short versions of long papers published in national journals. Languages of publication will be English, French, and German. The editorial board includes P. Aigrain of the Ecole Normale Supérieure (chairman), H. Brooks of Harvard, E. Burstein of the University of Pennsylvania, G. Leibfried of Rhein Wests. Technical Institute, W. M. Lomer of Harwell, and H. Suhl of the University of California at La Jolla. Subscriptions are \$30 per year for institutions and \$15 for individuals.

Further information concerning the new journals can be obtained from Pergamon Press, Inc., 122 East 55th St., New York 22, N. Y.

A ten-year cumulative index of the *American Journal of Physics*, compiled under the supervision of W. Paul Ganley, associate editor of the *Journal*, will be available for distribution in March. The 275-page index will cover Volumes 21 through 30 (1953-62) and will be divided into an author and analytical subject index. The prepublication price for members of the American Association of Physics Teachers has been set at \$2 per copy, payable before February 15; after that date, the index will be priced at \$3. Prepublication order forms appear in the December issue of the *American Journal of Physics*.

The Royal Society of London has established a special library which will contain publications of international scientific organizations and agencies, including the International Council of Scientific Unions and the various international scientific unions and their commissions, as well as other publications of international scientific importance, such as those issued by UNESCO. In connection with the library, the Society is issuing a regular bulletin, which catalogues its acquisitions. The publication will include schedules of ICSU meetings and will carry occasional articles on international scientific affairs and notes on exchange visits, grants, and