

PUBLISHING NEWS

Combustion

The *Proceedings of the Ninth International Symposium on Combustion* have been published by Academic Press. The contents include over 100 papers, with added commentary, presented at the symposium, which was held at Cornell University last summer. The topics covered include turbulent and laminar gas flames, high-temperature spectroscopy, reaction kinetics, hydrogen-oxygen reaction, detonation and transition to detonation, combustion instability, combustion involving solids, fundamental flame processes, chemical reactions and phase changes in supersonic flow, modeling principles, and reciprocating-engine combustion research.

Priced at \$42, the 1091-page volume can be ordered from Academic Press, 111 Fifth Avenue, New York 3, N. Y.

Paperbacks

McGraw-Hill Paperbacks has reissued *Quantum Mechanics* (1929), by E. U. Condon and P. M. Morse, and *The Structure of Line Spectra* (1930), by Linus Pauling and Samuel Goudsmit.

As part of an expanding publishing program, the firm has also announced plans to reprint books in paperback editions from the following nineteen university presses in the United States: Antioch, the University of Arizona, Catholic University of America, Duke University, Duquesne University, the University of Georgia, Iowa State University, the University of Kentucky, Loyola University, the University of Minnesota, Northwestern University, Ohio State University, Pennsylvania State University, the University of Pittsburgh, the University of South Carolina, Southern Methodist University, the University of Texas, Vanderbilt University, and the University of Washington.

New Journal

The International Atomic Energy Agency has recently issued Volume 1, Number 1, of a new periodical publication entitled the *Atomic Energy Review*. The journal will appear at irregular intervals and will cover a variety of subjects dealing with both theoretical and practical problems having to do with the peaceful uses of atomic energy.

According to IAEA Director General Sigvard Eklund, whose Foreword introduces the first issue, the new *Review* will publish articles and papers on particular problems of science and technology which are of acute interest and importance or are in a stage of rapid development. It will carry reviews on topics in experimental and theoretical physics, nuclear electronics and equipment, reactor physics and technology, reactor

materials, radiochemistry, and the applications of radioisotopes. In addition, the journal will contain communications concerning important discoveries in atomic and nuclear physics, conference reports and notes on forthcoming meetings, and bibliographic material. Articles will be published in English, French, Russian, or Spanish, the four working languages of the Agency. Abstracts will be translated and will appear in the journal in each of the four languages.

The *Atomic Energy Review* is edited by V. G. Shevchenko of the IAEA's Division of Scientific and Technical Information in Vienna, who is supported in this effort by an internationally representative editorial board. The annual subscription price (four issues) is \$10. Orders can be placed with the National Agency for International Publications, Inc., 801 Third Avenue, New York 22, N. Y.

Standards

The American Society for Testing and Materials has announced the publication of its 1962 *Index to ASTM Standards*. Superseding all previous ASTM indexes, the 234-page paperbound volume is divided into two major listings: the 1812 ASTM standards and 1306 tentatives in effect since December 1962, indexed under appropriate key words; and a complete list of the standards and tentatives in numeric sequence, with complete titles and page and publication references. Additional features include lists of ASTM technical committees, compilations of standards and special technical publications, and all ASTM national meetings scheduled for the next five years.

Single copies are available on request, additional copies at \$1 each, from ASTM Headquarters, 1916 Race Street, Philadelphia 3, Pa.

Encyclopedia

A new four-volume encyclopedia of the physical and natural sciences, designed for a general audience, has been published by Harper & Row. Edited by James R. Newman, *The Harper Encyclopedia of Science* contains some 4000 entries and more than 2500 illustrations in its 1500 pages. The compendium includes biographies, brief reviews of the history and philosophy of science, and descriptions of major scientific institutions, as well as entries dealing with the various scientific disciplines and their related technologies. A general index and a graded bibliography are provided at the end of the fourth volume.

The set, priced at \$29.95 through December of the current year and at \$35.00 thereafter, can be ordered from Harper & Row, 51 East 33rd Street, New York 16, N. Y.