

PUBLISHING NEWS

RSI special offer

The *Review of Scientific Instruments* is offering trial subscriptions at reduced rates for its 1965 volume. The first six issues of the year (January to June) may be ordered at a price of \$5.00 in North America or \$7.00 elsewhere if the order is placed before June. A special rate for the entire year (twelve issues) is available to members of the American Physical Society only. The twelve-month price is \$8.80 in North America and \$10.80 elsewhere. Further information and order forms are available from Dept. AP, American Institute of Physics, 335 East 45th St., New York, N.Y. 10017.

Information clearinghouse

The Clearinghouse for Federal Scientific and Technical Information of the National Bureau of Standards dedicated its new facility in Springfield, Va., on January 27. Formerly known as the Office of Technical Services, the Clearinghouse functions as the central source for government research data in the physical sciences and engineering. This year it expects to collect and make available to the public about 50 000 unclassified research documents from the Department of Defense, the Atomic Energy Commission, the National Aeronautics and Space Administration, and other agencies.

Conference proceedings

The proceedings of a symposium held in Paris from July 6 to 11, 1964, have been published by the European Nuclear Energy Agency of the Organization for Economic Cooperation and Development under the title *Magnetohydrodynamic Electrical Power Generation*.

The contents of the 600-page volume are divided into eight sections, covering physical properties of the MHD working fluid (combustion gas and closed-cycle fluid), MHD flows and power conversion processes, liquid-metal and unconventional MHD conversion and ac power gen-

eration, production of magnetic fields, problems of materials, open-cycle converters, and closed-cycle converters. The book costs \$34 and can be purchased in the US from McGraw-Hill Book Co., OECD-Unit, TMIS Annex, 351 West 41st St., New York 36, N.Y. It is available in other countries through local OECD sales agents.

Dunod of Paris has published the proceedings of the seventh international conference on the physics of semiconductors, which took place in Paris last summer. The 1368-page volume contains approximately 200 papers, selected to give a representative picture of recent advanced research in the field, plus the resulting discussion.

The book is organized according to the following topics: (1) band theory and investigation of band structure, (2) optical properties, (3) magneto-optical effects, (4) transport properties, (5) impurities in semiconductors, (6) free excitons, (7) photoconductivity, (8) photon-phonon interactions, and (9) semiconducting materials.

Also included in the text are reports of three symposia held parallel to the conference (on recombination radiation, on radiation damage in semiconductors, and on plasma effects in solids), a report on the international conference on the physics and chemistry of solid surfaces (Brown University, June 1964), and a report on a symposium on the semiconductor properties of boron (Paris, July 1964). The volume is priced at 145 F.

Differential equations

In January, Academic Press began publication of the *Journal of Differential Equations*, a new quarterly whose editor in chief is J. P. LaSalle of the Department of Applied Mathematics at Brown University. He is assisted by an international editorial board including: H. A. Antosiewicz, USA; A. P. Calderon, USA; Mary L. Cartwright, England; Courtney Cole-

man, USA; Roberto Conti, Italy; Avron Douglis, USA; A. Halanay, Rumania; Jack K. Hale, USA; Lars Hörmander, Sweden; Solomon Lefschetz, USA; and T. Wazewski, Poland. The new journal is a continuation of *Contributions to Differential Equations*, which was published for three years under the auspices of the Research Institute for Advanced Studies and the University of Maryland.

Manuscripts for publication (preferably in English) should be submitted to the editor in chief. Subscriptions to Volume 1 (four issues) are priced at \$15.00 for institutional subscribers. Private subscribers who order from the publisher and certify that the subscription is for personal use only will pay \$9.00. Foreign postage is \$1.00 in either case. Subscription orders and inquiries should be sent to the publisher, Academic Press Inc., 111 Fifth Ave., New York, N.Y. 10003.

Information resources

A Directory of Information Resources in the United States: Physical Sciences, Biological Sciences, Engineering has been published by the National Referral Center for Science and Technology of the Library of Congress. The volume contains narrative descriptions of the subject specializations, information services, and publications of some 1100 organizations and institutions. Professional societies, academic research groups, industrial firms, government offices, and technical libraries are included.

The 356-page paperback is available from the Superintendent of Documents, US Government Printing Office, for \$2.25. The directory is described as "preliminary", and those who are interested in further information about the center's activities or whose information needs cannot be met by the present volume are encouraged to telephone (202) 967-8265 or write to the National Referral Center for Science and Technology, Library of Congress, Washington, D.C. 20540.