

PUBLISHING NEWS

Graduate Research Specialties

Specialized research activities of graduate physics departments are described in the latest revision of a booklet published by the American Institute of Physics under the title, *Graduate Physics Research Specialties in American Educational Institutions*.

The 1962-63 edition of the booklet includes a list of 217 institutions offering graduate programs, with the subjects of main research interest specified in each case. Also listed are 213 research specialties with reference numbers indicating the schools that offer graduate work in these areas.

The booklet can be obtained without charge from the Public Relations Department, American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

Collected Papers

The Optical Society of America will publish in December a collection of papers on optical pumping and masers, issued in the form of a special supplement to *Applied Optics*. The supplement will contain a selection of articles which have appeared in *Applied Optics*, together with a few papers chosen from the *Journal of the Optical Society of America*, *The Physical Review*, *The Review of Scientific Instruments*, and the *Journal of Applied Physics*. In addition, the collection will contain an up-to-date review article on gas lasers by W. R. Bennett, Jr., of the Bell Telephone Laboratories, and a survey of the entire field by O. S. Heavens of Royal Holloway College, who is serving as feature editor for the issue. Dr. Heavens' survey will also serve to integrate all of the papers republished in the special issue. The collection is priced at \$5 per copy, and orders should be sent to the Optical Society of America, 1155 16th Street, N.W., Washington 6, D. C.

Journals

Volume 1, No. 1 (pages 1-153) of *Space Science Reviews*, a new quarterly review journal, has been published by D. Reidel Publishing Company of Holland. Under an international editorial board headed by editor-in-chief C. de Jager of the Universities of Utrecht and Brussels, the journal intends to publish invited review papers on research "carried out by means of rockets, rocket-propelled vehicles and partly also by means of stratospheric balloons and at observatories on the earth or moon". Except for a limited number of brief papers having the character of "letters to the editor", original research will not be published.

Editorial communications and books for review should

be addressed to Prof. C. de Jager, Servaas Bolwerk 13, Utrecht, Holland. Annual subscriptions (per volume of four issues) are \$42 and should be sent to D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Holland.

Springer-Verlag of Berlin has commenced publication of a new international journal, *Zeitschrift für Wahrscheinlichkeitstheorie und verwandte Gebiete* (Journal of Probability Theory and Related Fields). The new periodical will publish papers on probability and such subjects as operations research, mathematical statistics, information theory, and econometrics. Manuscripts will be accepted in English, French, or German.

The chief editor is L. Schmetterer of Vienna. Other members of the editorial board are K. L. Chung of Stanford, R. Fortet of Paris, H. P. Künzi of Zurich, K. Krickeberg of Heidelberg, J. Neyman of Berkeley, A. Rényi of Budapest, and H. Richter of Munich. The journal will appear irregularly, and issues will be individually priced. Further information can be obtained from the publisher at Heidelberger Platz 3, Berlin-Wilmersdorf, Germany.

Bibliographies

Two newly compiled bibliographies are available from the Office of Technical Services, US Department of Commerce, Washington 25, D. C.

Bibliography On Auroral Radio Wave Propagation (PB 161 629; \$2.75), compiled by W. Nupen of the National Bureau of Standards, contains some 300 abstracts or titles from the literature on the subject published during the period 1893-1961.

Lasers, A Bibliography (UCRL-6769; 50¢), compiled by C. J. Wensrich of the University of California, contains 129 references from the journal literature on lasers for the period 1958-1962.

Some 360 references to articles and books on masers over the 1954-1961 period are contained in *Bibliography On Masers*. The publication may be ordered from Becker & Warren, 122 Taylor Road, Oak Ridge, Tenn., for \$2.50.

Under a grant from the National Science Foundation, the Science and Technology Division of the Library of Congress has completed a bibliography of published material descriptive of Soviet scientific and technical activity. Entitled *Soviet Science and Technology: A Bibliography on the State of the Art, 1955-1961*, the 209-page compilation contains some 2000 an-