

Miscellany

Publications

Complete English translations of all papers appearing in issues of the *Journal of Experimental and Theoretical Physics* of the Academy of Sciences of the USSR after January 1, 1955, will be published by the American Institute of Physics in a bi-monthly journal, *Soviet Physics JETP*. The first issue is expected to be ready for distribution sometime in September. An outgrowth of a translating and publishing study that has been under way for the past several months, the new journal is edited by Robert T. Beyer, associate professor of physics at Brown University, Providence, Rhode Island, who is also an associate editor of the *Journal of the Acoustical Society of America*. The project is supported in part by a grant from the National Science Foundation and has been organized by an AIP Advisory Board on Russian Translations under the chairmanship of Elmer Hutchisson (other members of the board are Dwight Gray, Morton Hamermesh, Vladimir Rojansky, and Victor Weisskopf). The translations will be prepared by physicists familiar with the Russian language and having competence in one or more branches of physics. Volume I (1955) of the journal will contain three issues and will be available at a subscription price of \$15 in the United States and Canada and \$16 elsewhere. Subsequent volumes, beginning with January 1956, will contain six issues and the subscription rate will be \$30 in the United States and Canada and \$32 elsewhere. Subscriptions to *Soviet Physics JETP* should be addressed to the American Institute of Physics, 57 East 55th Street, New York 22, N. Y.

Papers given at the Brookhaven conference on the statistical aspects of the nucleus, held January 24–26 of this year, have been compiled and are being presented in a 113-page report, BNL 331. It is being offered for sale "to those persons not within the U. S. atomic energy project" by the Office of Technical Services, Department of Commerce, Washington 25, D. C., for 80 cents a copy.

A completely new edition of the Atomic Energy Commission's standard reference compilation of cross sections (known formerly as *AECU-2040*) has been prepared by the Brookhaven National Laboratory under the new designation, *Neutron Cross Sections, BLN-325*, and is expected to be ready for public distribution this month at the time of the International Conference on the Peaceful Uses of Atomic Energy in Geneva. Included with the document will be an addendum con-

taining the cross section results for the important heavy elements as reported from all the countries that are presenting such data at Geneva—including the Soviet results. The volume will be available in August from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. The price is expected to be \$3.50.

The Future Scientists of America Foundation, established by the National Science Teachers Association in 1952 to deal with problems of identifying and encouraging qualified students to choose careers in science, has announced a new publication, *Science Teaching Ideas II*. Fifteen entries from the 1953 and 1954 programs of recognition awards for science teachers, sponsored by the American Society for Metals, are reported in this illustrated 60-page booklet. Edited by Abraham Raskin, chairman of the NSTA publications committee and associate professor of physiology at Hunter College in New York City, copies are available at \$1.00 each from the National Science Teachers Association, 1201 Sixteenth St., N.W., Washington 6, D. C. Other related publications are: *Abstracts of Science Teaching Ideas* (1955, 28 pp.) which contains abstracts from all 1953–54 entries in the recognition program; and *Selected Science Teaching Ideas of 1952* (1953, 64 pp.) which reports 15 entries from the 1952 program.

Transistor theories, properties, circuit design principles, applications, and the characteristics of transistor types are treated in an 800-page volume of selected reference material now available through the Office of Technical Services. Compiled by the Bell Telephone Laboratories under an Army Signal Corps contract in 1951, the book contains representative material from the enormous amount of information evolved to the date of publication. *The Transistor: Selected Reference Material on Characteristics and Applications*, PB 111054, may be obtained from the Office of Technical Services, U. S. Department of Commerce, Washington 25, D. C., at a price of \$20.

Society Elections

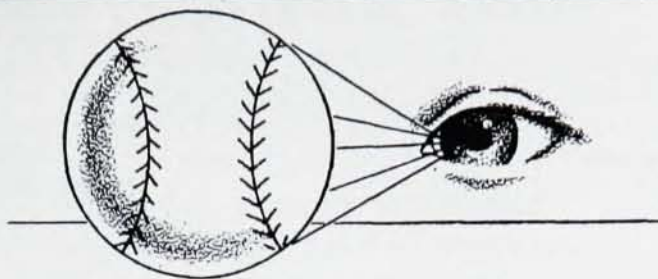
New members of the National Academy of Sciences this year include the following: Harrison S. Brown, professor of geochemistry, California Institute of Technology; S. Chandrasekhar, professor of theoretical astrophysics, Yerkes Observatory, University of Chicago; Richard Courant, director of the Institute of Mathematical Sciences, New York University; Raymond G. Herb, professor of physics, University of Wisconsin; Philip M. Morse, professor of physics, Massachusetts Institute of Technology; John R. Pierce, director of electronics research, Bell Telephone Laboratories; Charles P. Smyth, professor of chemistry, Princeton University; George E. Uhlenbeck, professor of theoretical physics, University of Michigan; and Robley C. Williams, professor of biophysics, Virus Laboratory, University of California at Berkeley. Newly elected foreign associates of the Academy include: Max Born,

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formerly professor of physics at the University of Göttingen, Germany, now retired; B. Lindblad, president of the International Council of Scientific Unions and director, Stockholm Observatory, Sweden; and Sir Alexander Todd, professor of chemistry at Cambridge University, England. Hugh L. Dryden, director of the National Advisory Committee for Aeronautics, was elected home secretary for a four-year term, succeeding George W. Corner.

The Oregon Section of the American Association of Physics Teachers has elected the following officers to serve during the period 1955-56: Kenneth E. Davis, Reed College, president; Bernd Crasemann, University of Oregon, secretary; Godfrey Vassallo, University of Portland, historian; and Will V. Norris, Portland State College, AAPT council member.

The Wisconsin Section of the American Association of Physics Teachers elected the following officers for 1955-56: E. G. Albert, River Falls State College, president; Rudolph Prucha, Whitewater State College, vice president; and J. B. Greene, Marquette University, secretary-treasurer.

The American Nuclear Society, at its first annual meeting on June 27th, has elected its officers. The officers, in addition to a 30-member board of directors which includes representatives from atomic energy establishments abroad as well as in this country, are: W. H. Zinn, director of Argonne National Laboratory, president; Philip Sporn, American Gas & Electric Company, vice president; Karl Cohen, Walter Kidde Nuclear Laboratories, Inc., treasurer; and J. G. Beckerly, Schlumberger Well Surveying Corporation, editor.

Fellowships and Grants

The National Science Foundation has announced its second program of postdoctoral fellowship awards for 1955-56. Awards will be made in the fields of mathematics, physics, medicine, biology, and engineering, as well as anthropology, psychology, geography, and certain interdisciplinary fields, to individuals who hold a doctorate or who have had equivalent experience and research training. The tenure of a fellowship is usually for one academic year with a basic stipend of \$3400 plus an allowance of \$350 for each dependent. Tuition and certain other fees will be paid by NSF. Applications should be submitted *before September 12th* to the Fellowship Office, National Research Council, 2101 Constitution Avenue, N. W., Washington 25, D. C. Applicants must submit complete transcripts of school records, a plan of study for advanced training and an affidavit and loyalty oath as required by the National Science Foundation Act. (For application materials, write to the Fellowship Office.) Announcement of the awards will be made on October 20th.

The Atomic Energy Commission announced in June that 24 unclassified physical research contracts