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The American Institute of Physics Student Section program is designed to encourage the study of physics, to enhance the professional pride and responsibility of physics majors and to provide a way for student organizations at accredited institutions to become part of the national organization of physics.

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Applications of student organizations for status as AIP Student Sections should be addressed to Mrs. Ethel E. Snider, National Secretary for Student Sections, American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

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to *Mathematics of Computation*, reflecting the broadened scope of its contents. Although the primary emphasis in the publication will continue to be on mathematical tables, more attention will be given to modern advances in the theory and application of computational methods. The subscription rate will continue to be \$8 per year and orders may be sent to the Printing and Publishing Office, National Academy of Sciences, 2101 Constitution Avenue, N. W., Washington 25, D. C.

The eleventh revised edition of the NAS—NRC directory of *Industrial Research Laboratories of the United States* is now in the process of being compiled for publication in mid-1960. As in the past, the directory will list only nongovernmental laboratories devoted to industrial research. For the purposes of this directory, however, "research" will include industrial development work on processes and products as well as fundamental and applied research. In addition, laboratories concerned primarily with routine testing and control, but conducting research activities, will be listed. Each entry will contain the name and location of the laboratory, the types of research performed, the availability of services to others, and the names and number of professionally and technically trained personnel of the scientific research staff. The number of non-professional employees will also be given. There is no charge for listing in the directory. Any research organization that has not received a questionnaire from the Academy—Research Council but wishes to be included in the new edition should so inform Walter M. Whitlow, Editor, *Industrial Research Laboratories*, National Academy of Sciences—National Research Council, 2101 Constitution Avenue, N. W., Washington 25, D. C.

The first issue of a new technical publication entitled *SPAN* (Semiconductor Product Application News) has been introduced by the Semiconductor Division of Hoffman Electronics Corporation. The bimonthly pamphlet will contain technical data and application information on silicon semiconductor devices and is available without charge to persons engaged in administrative, purchasing, or engineering activity relating to semiconductor devices, by writing to the editor, *SPAN*, Semiconductor Division, Hoffman Electronics Corporation, 1001 Arden Dr., El Monte, Calif.

Assignment Outer Space, a 28-minute, 16 mm, color motion picture describing work on re-entry vehicles for the Air Force Atlas and Thor as well as other missile and space projects has been produced for television, school, and general public use and is available from General Electric, Missile and Space Vehicle Department, 3198 Chestnut Street, Philadelphia 4, Pa.

Advanced Training

Following the completion of its ninth session at the end of this year, the International School of Nuclear Science and Engineering at Argonne National Laboratory will expand its activities, broaden its program, and will change its name to the "International

Institute of Nuclear Science and Engineering". The Institute will give greater emphasis to advanced training and will offer less background instruction of the type that is readily available in colleges and universities. As in the past, those taking part in the program must be sponsored by industry, government, or the atomic energy agency of their home country. Scientists and engineers appointed to the Institute will follow two types of program objectives. The first, the "participant" appointment, will require the equivalent of a US university's master's degree and a background in fundamental nuclear studies. Participants may be selected for one or two sixteen-week terms. Instruction will emphasize the applied aspects of nuclear science. Tuition for "participant" appointees will be \$1000 per term. The second, or "affiliate", appointment level will require the equivalent of the PhD from a US institution. "Affiliates" will be accepted for no less than two terms. Preferably, their stay at Argonne will be a full calendar year. Their abilities must be such as to enable them to contribute significantly to the over-all Argonne scientific research program. At the beginning, appointments to the Institute will be made in five program areas, reactor science and technology, engineering research and development, physical science research, life science research, and (beginning with the Institute's second term in June) the engineering, administration, and operation of nuclear facilities. Further information on the International Institute program may be obtained by writing to Argonne National Laboratory, P. O. Box 299, Lemont, Ill.

The Institute of Mathematical Sciences at New York University is offering temporary memberships to mathematicians and other scientists holding the PhD degree who intend to study and do research in the fields in which the Institute is particularly active. These fields include functional analysis, function theory, differential equations, mathematical physics, fluid dynamics and magnetohydrodynamics, electromagnetic theory, and numerical analysis and digital computing. The temporary membership program is designed primarily to alleviate the present critical shortage of scientists trained in mathematical physics, applied mathematics, and mathematical analysis. The program is being supported by the National Science Foundation and by funds contributed to NYU by industrial firms. Temporary members may participate freely in the research projects, the advanced graduate courses, and the research seminars of the Institute, and will have the opportunity of using the computational facilities. They will receive a grant commensurate with their status. Temporary memberships are awarded for one year, but may be renewed in special cases. Appropriate arrangements can be made for applicants who expect to be on leave of absence from their institutions. Requests for information and for application blanks should be addressed to the Membership Committee, Institute of Mathematical Sciences, 25 Waverly Place, New York 3, N. Y.

EXHIBIT

at the Combined Winter Meeting of the
AMERICAN PHYSICAL SOCIETY

and

AMERICAN ASSOCIATION
OF PHYSICS TEACHERS

January 27-30, 1960

Hotel New Yorker, N.Y.C.

The Meeting will feature an exhibit of research instruments, laboratory apparatus, and technical books by leading manufacturers and publishers. The following companies have reserved space.

Academic Press Inc.
Addison-Wesley Publishing Company
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A few exhibit booths are still unreserved. Manufacturers interested in exhibiting should write to, T. Vorburger, Exhibit Manager, 335 East 45th Street, New York 17, N. Y. Murray Hill 5-1940.