

CONGRATULATIONS TO:



HUGHES RESEARCH LABORATORIES

FOR CONFIRMING . . . LASER ACTION IN LIQUIDS

Optical Society of America 47th Annual Meeting
and reported to Electronic News October 8, 1962

See Also . . .

Semi-Elements, Inc. report to the
Boston Laser Conference August 2 & 3, 1962
and reported to Aviation Week July 23, 1962



Semi Elements, Inc.

Saxonburg Blvd. Saxonburg, Pa. USA

Manufacturers of Scintillants, Single Crystals
& Pure Compounds

MONASH UNIVERSITY Melbourne, Australia.

Applications are invited for appointments as:—

- (a) SENIOR LECTURER OR LECTURER IN PHYSICS
- (b) TEACHING FELLOWS AND SENIOR TEACHING FELLOWS IN PHYSICS

Commencing salary for both categories will be determined in accordance with qualifications and experience. Applicants in the senior category should have had some previous research experience.

The main research interests of the Department are in Solid State Physics and facilities for research are available in this general field. Current research projects include:

Studies of ferromagnetic and antiferromagnetic materials; nuclear magnetic resonance studies of paramagnetics and ferromagnetics; application of Mössbauer techniques to the study of solids; paramagnetic resonance studies of magnetic alloys; low temperature physics (liquid helium range); meson spectroscopy; theoretical studies of defects and of the electrical and optical properties of solids.

Further information may be obtained from F. H. Johnson, Registrar, Monash University, P. O. Box 92, Clayton, Victoria, Australia, to whom enquiries should be addressed to the Head of the Physics Department, Professor R. Street. Applications close on 30th November, 1962.

lation of languages, and the design of equipment for processing scientific information. Also included in the report are descriptions of research on problems not immediately connected with scientific documentation, which nevertheless appear significant in the sense that their solution seems likely to have an impact on the future of documentation: e.g., character and pattern recognition, speech analysis and synthesis, linguistic analysis and lexicography, and artificial intelligence.

Copies of the tenth report can be obtained for \$1.25 each from the Superintendent of Documents, US Government Printing Office, Washington 25, D. C.

Periodicals

Canada's National Research Council has compiled a second edition of the *Directory of Canadian Scientific and Technical Periodicals*. The directory lists more than 400 titles, including a selected number of periodic government publications, and is obtainable from the Library, National Research Council, Sussex Drive, Ottawa 2, Canada, at a cost of \$1.

With the aid of a National Science Foundation grant, the Pan American Union and the Centro de Documentación Científica y Técnica de México have prepared a *Guide to Latin American Scientific and Technical Periodicals, An Annotated List*. The 187-page guide, which lists some 1100 publications, can be obtained from the Pan American Union, General Secretariat, Organization of American States, Washington, D. C. for \$4.

The Institute of the Aerospace Sciences recently issued its *Annual Index to International Aerospace Abstracts* for 1961. The publication contains a 300-page subject index of some 11 000 entries included in the abstract service in 1961, together with an author index and a list of the abbreviations employed. Copies of the *Index* are priced at \$20 for individual IAS members and \$60 for nonmembers. Orders should be addressed to the Institute of the Aerospace Sciences, 2 East 64th Street, New York 21, N. Y.

The IAS announced in July that it plans to issue *International Aerospace Abstracts* twice a month, instead of on a monthly basis, under the terms of a contract with the National Aeronautics and Space Administration. The IAS-NASA contract, which is intended to provide increased information services to NASA centers, prime contractors, and other groups and individuals working in the aerospace fields, calls for the expansion of the IAS collection of published literature and the improvement of its technical library services. Each issue of the abstract service will contain an index, and separate, cumulative indexes will be issued quarterly, semiannually, and annually. The project, which is headed by John J. Glennon, Director, IAS Technical Information Service, will be coordinated with NASA's existing information system for unpublished literature.