

SCIENTISTS and ENGINEERS

Dynamic new subsidiary of **Ford Motor Company** is now in initial stages of expanding military and commercial programs.

Positions are at ASI's interim Glendale facility and will also be at ASI's new Research Center now under construction at Newport Beach in Southern California. Work in an intellectual environment as stimulating as the locations are ideal—close to most of Southern California's cultural, educational, and recreational centers.

Outstanding growth opportunities for qualified engineers and scientists are open in the following fields:

OFFICE OF ADVANCED RESEARCH

THEORETICAL RESEARCH — Hydrodynamic and radiation processes in tenuous gases at very high temperatures, ionization produced by soft X-radiation, hydrodynamics of solids at high pressures including studies of equations of state, infrared properties of the atmosphere and of hot gases, conversion of chemical energy into sound and the condensation rate of supersaturated vapors. Theoretical physicists are needed to work in these fields. Specific experience is not necessary. However, a general background in theoretical and mathematical physics is required.

You are invited to address inquiries to M. H. Johnson, Advanced Research Staff at our Glendale, California address.

Other unusual opportunities are open for qualified engineers and scientists in the following areas:

SPACE TECHNOLOGY DIVISION

Astrodynamics • Space Environment • Theoretical Physics • Electronics • Radar • Information Links • Automatic Controls • Mathematics • Propulsion Research • Combustion • Materials • Aeromechanics

COMPUTER DIVISION

Input-Output Equipment • Storage Units • Display Devices

TACTICAL WEAPON SYSTEMS DIVISION

Aero-Thermodynamics • Aero-Chemistry and Propulsion • Astronautics

Qualified applicants for the above three divisions are invited to send resumes and inquiries to Mr. K. A. Dunn, 1234 Air Way, Bldg. 21, Glendale, California. Phone CHapman 5-6651.

AERONUTRONIC SYSTEMS, INC.

a subsidiary of FORD MOTOR COMPANY
NEWPORT BEACH, GLENDALE, SANTA ANA
AND MAYWOOD, CALIFORNIA

The Institute

New Soviet Solid-State Journal Translated

LAST January the USSR Academy of Sciences commenced publication of a new solid-state physics journal, *Fizika Tverdogo Tela*. The periodical, which is issued monthly, offers results of theoretical and experimental investigations in the physics of semiconductors and dielectrics. It also contains papers in applied physics associated with these problems, as well as papers on electronic processes taking place in the interior and on the surface of solids.

In the belief that its contents will be of interest to the many solid-state specialists in the western physics community, the American Institute of Physics has added the journal to the list of Soviet physics periodicals now available in translation. The English-language version of *Fizika Tverdogo Tela* is being published by the AIP under the title *Soviet Physics—Solid State*. The subscription rate for 12 issues (approximately 2200 pages) is \$55 in the United States and Canada and \$59 elsewhere. Special subscription rates of \$25 (domestic) and \$29 (foreign) have been set for libraries of nonprofit, degree-granting academic institutions. Orders and inquiries should be addressed to the American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

Design of Physics Buildings

THE AAPT-AIP Project on the Design of Physics Buildings has announced the availability of a 192-page illustrated book entitled *Selected Reprints of Articles on Physics Buildings*, which consists of articles from architectural and building magazines and from the *American Journal of Physics* on planning physics buildings, teaching and industrial laboratories, lecture rooms, and related subjects. The book is intended to assist those faced with immediate problems in programming and planning for new physics teaching and research facilities. More basic information will be forthcoming next year when the project staff completes its 18-month independent study, which will be based on inspections and interviews with physics teachers, architects, engineers, school administrators, and building maintenance men throughout the US. *Selected Reprints of Articles on Physics Buildings* (priced at \$2 per copy, with checks to be made out to the American Institute of Physics) can be ordered by writing to the Project on Design of Physics Buildings, American Institute of Physics, 335 East 45th Street, New York 17, N. Y.