

New Publications

Optica Acta, a European journal of optics containing "articles of international interest", is now being published by la Société de la Revue d'Optique, 3 boulevard Pasteur, Paris XV°. Papers will appear in English, French, or German, with summaries in each language, and will be concerned with optical theory, including wave propagation, image formation, and related mathematical techniques; optics of the eye and of vision; photometry and colorimetry; instrumental optics, including light sources, optical materials, and thin films; methods of testing optical components and instruments; and physical detectors of light. The journal, which will also contain short notes giving information of interest to optical workers, will appear irregularly on dates spaced according to the amount of material available for publication. Separate issues will not be sold singly, but in volumes consisting of 4 to 6 issues, for which the price in the United States will be \$12. English articles ("of moderate length") may be submitted to the English Editor, C. G. Wynne, 52 London Lane, Bromley, Kent, U. K. The other editors are A. Marechal (France) and G. Franke (Germany).

Deep-Sea Research is the title of a recently initiated quarterly journal which now serves as the official organ of the Joint Commission on Oceanography of the International Council of Scientific Unions. Published in England and edited on an international basis, the journal will contain original papers dealing chiefly with the deep-sea floor and will treat such subjects as physical oceanography, morphology and stratigraphy of the deep-sea floor, general properties of the sediment carpet, abyssal fauna inhabiting the deep-sea, and organisms and processes important to deep-sea sediments. It will also include theoretical papers on the geological and climatological history of the earth. The editors are Louis Fage (France), Cameron D. Ovey (England), and Mary Sears (U. S.), Woods Hole Oceanographic Institution, Woods Hole, Massachusetts. On the editorial advisory board are: A. Fr. Bruun, E. C. Bullard, L. H. N. Cooper, C. W. Correns, G. E. R. Deacon, A. Defant, M. Ewing, C. A. Fleming, M. N. Hill, Ph. H. Kuenen, H. Pettersson, R. Revelle, H. V. Sverdrup, Harold C. Urey, and J. H. D. Wiseman. *Deep-Sea Research* is published by the Pergamon Press, 242 Marylebone Road, London, N.W. 1, England, and is distributed through the booksellers, Lange, Maxwell, and Springer, Ltd., of the same address. The subscription is \$12.60 per volume.

A color-coded chart of the isotopes, compiled and edited by J. R. Bradford, director of the Radioisotopes Laboratory at Case Institute of Technology, has been issued by Harshaw Scientific, a division of the Harshaw Chemical Co., Cleveland 4, Ohio. Lithographed in eight colors for rapid identification of isotope half-life and nuclear stability, the chart is accompanied by an explanatory guide book. Full details may be obtained from the company.

CHEMISTS

MS or PhD PREFERRED

HIGH POLYMER CHEMISTS

Minimum 2 years in general polymer chemistry, experience in polymerization reactions.

INFRA-RED SPECTROSCOPIST

Knowledge or experience in analytical procedures of organo-metallics, hydrocarbons and inorganic compounds.

CHEMIST OR CHEMICAL ENGINEER

Experienced in high pressure flow reactions.

PHYSICISTS

MS or PhD PREFERRED

Experienced in

HEAT ENGINES and THERMODYNAMICS, HIGH PRESSURE experience also valuable or with knowledge of: FLUID FLOW . . . HIGH SPEED PHOTOGRAPHY . . . HIGH TEMPERATURE MEASUREMENT

PHYSICAL CHEMISTS

PhD or EQUIVALENT

To study phase equilibrium of organic compounds

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