Some characteristics of primary periodicals in the domain of the physical sciences. Pp. 68. Published by the ICSU Abstracting Board, 17, Rue Mirabeau, Paris, 16e, June 1966. Price U.S. $ 5.00.

This report is a detailed study of the main primary periodicals covering physics all over the world. All the 1964 issues of more than 100 periodicals were studied in detail. For each of these journals, information such as periodicity, number of scientific papers published, average length of papers, delay of publication, languages used, subscription rate, description of indexes published, etc., is given, including statistics on the most important data and comparisons of different results.

The report will be of interest to all people interested in problems of scientific information as well as to scientists, libraries, documentation centres, editors of journals, etc., dealing with physics.


This book provides workers using the polarizing microscope with a summary of the methods of determining the optical properties of crystalline substances. The eleven chapters deal with Preparation of materials for microscopic examination, Morphological measurements, Refractive index, Absorption and pleochroism, Extinction and birefringence, Quantitative conoscopy, Dispersion, Spindle-stage methods, Universal-stage methods, Hot-stage microscopy and Phase-contrast microscopy. The list of references runs to twelve pages of small type, and there is an extensive index.


Fracture mechanics is an important subject now, interest being stimulated by the production of new materials and the requirements for ever more demanding specifications.