The Doctors Disagree

Structure of West Antarctica: C. R. Bentley et al.
The results of United States IGY oversnow traverses reveal the nature of a large portion of ice-covered Antarctica.

Radiation from High-Speed Particles: P. A. Cherenkov
Visible radiation that is shown to differ from luminescence phenomena has important applications.

Machine Searching for Chemical Structures: E. G. Smith
The Wiswesser notation provides an effective key to literature searches for functional groups.

Royal Society Celebrates Tercentenary; Ford Foundation Aids New French Center for Human Sciences

Istoriia Akademii Nauk SSSR, reviewed by A. Vucinicich; other reviews

Induction of Fechner Colors in Black and White Photographs: J. L. Brown
Value of X-ray Films of Hand and Wrist in Human Identification: W. W. Greulich
Electronmicroscopy of Dental Calculus: F. Gonzales and R. F. Sognnaes
Application of the Network Model to Gas Diffusion in Moist Porous Media: I. Fatt
Effect of Stress on Skin Transplantation Immunity in Mice: R. Wistar, Jr., and W. H. Hildenmann
Growth Pattern in the Green Hydra, Chlorohydra viridissima: A. L. Burnett and M. Garofalo
Hollow Crystals from Buffer Solutions of Sodium Diethyl Barbiturate: W. F. Seip and F. W. Barnes, Jr.
Feeding Behavior and Electrical Stimulation in the Brain of Carassius auratus: R. J. Grimm
Inhibition of Central Auditory Response: R. J. Ruben and J. Sekula

Calorimetry; Forthcoming Events

This Mach Zehnder interferometer pattern shows a refractive index homogeneity of approximately three parts per million in barium flint optical glass. The pattern is in a disk 12 inches in diameter and 2½ inches thick. It was made for use by the Perkin-Elmer Corp. in aerial camera lenses. [Corning Glass Works]
Editor's Summary

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