LETTERS


EDITORIAL

Robert H. Goddard

ARTICLES

Ground-Based Astronomy: A Ten-Year Program
A report prepared by the Panel on Astronomical Facilities for the Committee on Science and Public Policy of the National Academy of Sciences.
Tissue Culture Studies of the Human Lymphocyte: J. H. Robbins
Experiments under controlled conditions provide new information on this cell’s function and potentiality.
Scientific Information Exchange in Psychology: W. D. Garvey and B. C. Griffith
The immediate dissemination of research findings is described for one science.

NEWS AND COMMENT

Oceanography: Cost-effectiveness argument—NAE: Engineers Get Their Academy—NIH: Career Awards Ended—Heart Disease, Cancer and Stroke: Some Radical Proposals

BOOK REVIEWS

The Development of Geomorphology: J. H. Mackin
We Are Not Alone: The Search for Intelligent Life on Other Worlds: L. W. Fredrick; other reviews by R. C. Elderfield, R. A. Nyquist, J. V. Finch, M. L. Goldberger, S. W. Staley, G. H. Weiss, L. C. Van Atta, K. O. May

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Cover Patterns produced by simultaneous initiation of a thin explosive disk at eight equidistant points. Picture sequence (at 600,000 frames per second) shows expansion, collisions, and interactions of detonation wave fronts. Symmetry of the wave patterns throughout the sequence is evidence of the remarkable uniformity in both initiation timing and detonation rate of the explosive. See page 1635. [U.S. Naval Weapons Laboratory]