**Editorial**  
Moment of Truth  

**Articles**  
A View of Genetics: J. Lederberg  
Human and Amphibian Neoplasms Compared: W. R. Duryee et al.  
Tumors in frogs and human beings are strikingly similar in cytological characteristics.  
Introducing Modern Medicine in a Navajo Community: W. McDermott et al.  
Physicians and anthropologists are cooperating in this study of changing patterns of culture and disease. The second of two parts.

**Science in the News**  
Scientific Activity in Africa Growing; U.S. Education Aid Rising Slowly

**Book Reviews**  
B. Wallace and Th. Dobzhansky, Radiation, Genes, and Man, reviewed by B. Glass; other reviews

**Reports**  
Enzymatic Basis of Mannose Toxicity in Honey Bees: A. Sols, E. Cadenas, F. Alvarado  
Identity of a Rust on Ephedra: F. D. Kern and P. D. Keener  
Cosmic Neutrino Radiation: G. Marx and N. Menyhárd  
Computer Analysis of Reflex Control and Organization: Respiratory Sinus Arrhythmia: M. Clynes  
Solid-Counting of Octadecane-1-H: M. Muramatsu and T. Sasaki  
Electron Transfer and Absorption Spectra of Complexes: S. Ainsworth and E. Rabinowitch

**Departments**  
Letters from R. B. Kelman and V. H. Denenberg; C. D. Holmes, G. W. Brier, D. B. Kline; D. M. Gates

Pure Chemical Compounds; Forthcoming Events; New Products

**Cover**  
The Massachusetts coast. Martha's Vineyard is at the lower left, and Chappaquiddick Island is at the right. Nantucket Sound is in the center, and Cape Cod and Massachusetts Bay are in the background. [Photo by Laurence Lowry, from This Sculptured Earth, published by Columbia University Press; see page 294]
Editor's Summary