LETTERS


ARTICLES

The Anaktuvuk Mask and Cultural Innovation: S. Atamian
Social perception determines the invention process in an Eskimo village and introduces cultural changes.

Psychological Reactions to Aircraft Noise: K. D. Kryter
Possible methods of evaluating the acceptability of the noise from aircraft are presented.

Architectural Acoustics: M. R. Schroeder
Persisting uncertainties in the acoustical design of concert halls show the need for more basic research.

On a Floating Island: V. P. Hessler

NEWS AND COMMENT


Report from Europe: Decision Time Approaches for European Rocket Programs: V. K. McElheny

BOOK REVIEWS

Science and Ethical Values, reviewed by G. Holton; other reviews by F. T. Haddock, F. E. Friedl, W. J. Samuels, D. C. Adkins, F. M. Snell, A. B. Littlewood

REPORTS

Drumlin Formation: A Rheological Model: I. J. Smalley
Mechanism of Lunar Polarization: J. J. Hopfield
Low-Energy Protons: Average Flux in Interplanetary Space during the Last 100,000 Years: D. Lal and V. S. Venkatavaradan
Rotation of Mercury: Theoretical Analysis of the Dynamics of a Rigid Ellipsoidal Planet: L. J. Laslett and A. M. Sessler
Precipitate Formation in the Strontium-Phosphate System: R. L. Collin ............ 1386
Fluctuations of Resting Neural Membrane Potential:
H. E. Derksen and A. A. Verveen .................. 1388
Antibody Synthesis Initiated in vitro by Paired Explants of Spleen and Thymus:
G. C. Saunders and D. W. King ..................... 1390
Radiocarbon Samples: Chemical Removal of Plant Contaminants: C. V. Haynes, Jr. .... 1391
Internally Perfused Axons: Effects of Two Different Anions on Ionic Conductance:
W. J. Adelman, Jr., F. M. Dyro, J. P. Senft .................. 1392
Enzyme Changes in Neurons and Glia during Barbiturate Sleep:
A. Hamburger, H. Hydén, P. W. Lange .................. 1394
Immunological Competence: Alteration by Whole Body X-Irradiation and
Shielding of Selected Lymphoid Tissues: J. Miller .............. 1395
Neurofibrils and the Nauta Method: R. D. Lund and L. E. Westrum ......... 1397
Deep Scattering Layer Migration and Composition: Observations from a
Diving Saucer: E. G. Barham ..................... 1399
Mammary Glands of Pregnant Rats: Development Stimulated by Licking:
L. L. Roth and J. S. Rosenblatt .................. 1403
Mucopolysaccharides: N-Acetylglucosamine- and Galactose-6-Sulfates from
Keratosulfate: V. P. Bluvanandan and K. Meyer ......... 1404
Rubella Virus: Growth and Cytopathic Effect in Primary Cultures of Cells of
Rabbit Embryos: A. Reddick and C. E. Roesel ............ 1405
Hemoglobin Sphakiá: A Delta-Chain Variant of Hemoglobin A from Crete:
R. T. Jones et al. .................. 1406
Antibodies Affecting Metabolism of Chicken Erythrocytes: Examination of
Schizophrenic and Other Subjects: J. W. Ryan, J. D. Brown, J. Durrell ......... 1408
Technical Comment: “Respirable” Dust: P. E. Morrow ..................... 1410

MEETINGS  Observational Aspects of Cosmology: T. Page; Forthcoming Events .......... 1411

Parabolic antenna of the Air Force Cambridge Research Laboratories, located at the Sagamore Hill Radio Observatory, Hamilton, Massachusetts. The 150-foot (46-meter) antenna was used to study radio star scintillation during the eclipse of the sun on July 1963. It found little change of scintillation relative to normal fluctuations. See review of Solar System Radio Astronomy, page 1376. [IV, Neumeier, Air Force Cambridge Research Laboratories]