LETTERS
Essay Tests Can Be Standardized: L. La Fave; Science and the Election: T. F. Cooke, J. W. Brandt, J. Bennett, C. Adler; Able Students Still Choose Science: E. Mayr; The Lunar Surface: H. H. Nininger

EDITORIAL
Challenge to Tax Exemption

ARTICLES
Lasers for Length Measurement: A. G. McNish
An Absolute Spectrofluorometer: G. K. Turner
Digital Computers in the Biological Laboratory: R. L. Schoenfeld and N. Milkman
Precision Digital Tide Gauge: F. E. Snodgrass
Seismic Measurements on the Ocean Bottom: H. Bradner
High-Speed Automatic Analysis of Biomedical Pictures: R. S. Ledley
Nuclear Magnetic Resonance Spectroscopy in Superconducting Magnetic Fields: F. A. Nelson and H. E. Weaver

NEWS AND COMMENT
President Campaign—Role of the Scientists; C. P. Snow—Corridors of Power; Cancer Research—More for Leukemia

BOOK REVIEWS
Technology: Man Remakes His World, reviewed by M. Kranzberg; other reviews by E. S. Ferguson, R. L. Strong, A. S. Crafts, L. R. Blinks, W. R. Brode

REPORTS
Animal Cell Strains: Cell Culture Collection Committee
A System for Studying Microbial Morphogenesis: Rapid Formation of Microcysts in Myxococcus xanthus: M. Dworkin and S. M. Gibson
Ostracitoxin: An Ichthyotoxic Stress Secretion of the Boxfish, Ostracion lentiginosus: D. A. Thomson
Tuberculin Reactivity of a Carbohydrate Component of Unheated BCG Culture Filtrate: H. Baer and S. D. Chaparas
Phytohemagglutinin Elicitation of Specific Anamnestic Immune Response in vitro: T. W. Tao
Chromosome Abnormalities in vitro in Human Leukocytes Associated with Schmidt-Ruppin Rous Sarcoma Virus: W. W. Nichols et al.
Radiation-Chemical Oxidation of Peptides in the Solid State: W. M. Garrison, M. E. Jayko, W. Bennett-Cornia

Chromosome Aberrations: Their Role in the Etiology of Murine Leukemia: M. A. Rich, R. Tsuchida, R. Siegler

Serotonin Rhythm in the Pineal Organ: Control by the Sympathetic Nervous System: V. M. Fiske


Silicon Oxynitride: A Meteoritic Mineral: C. A. Andersen, K. Keil, B. Mason


Oscillations of Quasars: G. C. McVittie

High-Voltage Laue X-ray Photography of Large Single Crystals: B. Paretzkin and H. S. Peiser

Crystal and Molecular Structure of Ferrichrome A: A. Zalkin, J. D. Forrester, D. H. Templeton

Sodium Perxenate and Xenon (II) Difluoride Reduction at the Dropping-Mercury Electrode: B. Jaselskis

Imprinting in an Altricial Bird: The Blond Ring Dove (Streptopelia risoria): E. Klinghammer and E. H. Hess

Eel Electroplaques: Spike Electrogenesis without Potassium Activation: Y. Nakamura, S. Nakajima, H. Grundfest

Activating and Synchronizing Centers in Cat Brain: Electroencephalograms after Lesions: A. Camacho-Evangelista and F. Reinoso-Suárez

Auditory Nuclei: Distinctive Response Patterns to White Noise and Tones in Unanesthetized Cats: D. Galin


Biophysics: L. D. Harmon and F. M. Snell; Aquatic Pollution: J. J. A. McLaughlin; American Association of Physical Anthropologists: G. W. Lasker; Forthcoming Events

MEETINGS

DEPARTMENTS

New Products

COVER

A transmission Laue photograph of a gypsum single crystal taken with a fine-focus x-ray tube operated at 100 kilovolts and 5 milliamperes. By this technique it is possible to examine, even while they are growing, thick single crystals, crystals in containers, and crystals enclosed in furnaces. The sample is not damaged or exposed to the air. Exposure, 5 minutes; distance between slit and film, 6 centimeters. See page 260.
Editor's Summary