Purism in Science: H. H. Rossi; R. Hermann; S. C. Erickson; A. M. Weinberg; Birth Control Institute: A. F. Hofmann; Fuel for Indian Reactors: R. F. Cross

The Use of Animals in Research and Teaching

Optical Communications: R. Kompfner
An appraisal of the many techniques and the steps to be taken before practical systems are achieved.

Acoustical Thermometer: H. H. Plumb and G. Cataland
An ultrasonic interferometer provides a new method for the precise measurement of low temperature.

Research in Music with Electronics: L. Hiller and J. Beauchamp
Effects of modern scientific ideas and technology on the analysis and composition of music are surveyed.

Status of the National Standards for Physical Measurement: R. D. Huntoon
Progress in science and technology requires a highly developed measurement system of national scope.

Automated Synthesis of Peptides: R. B. Merrifield
Solid-phase peptide synthesis, a simple and rapid synthetic method, has now been automated.

The Rubidium Magnetometer in Archeological Exploration: S. Breiner
Exploration with a highly sensitive magnetometer allows use of more effective survey techniques.

Strip Mining: TVA in the Middle—Mohole: Platform Contract Awarded—Water Pollution Control: A New Law
BOOK REVIEWS
Polymer Science—Recent Books: L. A. Wood

A Short History of Machine Tools, reviewed by E. S. Ferguson; other reviews by H. M. Gehman, R. M. L. Baker, L. Spitzer, Jr., S. A. Bedini

REPORTS
Structure of Ice VI: B. Kamb


Messenger RNA in Early Sea-Urchin Embryos: Cytoplasmic Particles: A. S. Spirin and M. Nemer

Messenger RNA in Early Sea-Urchin Embryos: Size Classes: M. Nemer and A. A. Infante


Morphogenetic Effects of 6-Azauracil and 6-Azauridine: R. M. Rizki and T. M. Rizki

Protein Solutions: Concentration by a Rapid Method: W. F. Blatt et al.

Hemolysin of Mycoplasma pneumoniae: Tentative Identification as a Peroxide: N. L. Somerson, B. E. Walls, R. M. Chanock

Comments on Reports: Transfer of Learned Response by RNA Injection: R. E. Carney; A. L. Jacobson

MEETINGS
Critical-Point Phenomena: M. S. Green; Forthcoming Events