LETTERS
The Tris Ban: R. H. Harris; Lovins on “Lovins’ Fever”: A. B. Lovins; Nutrition and IQ: V. H. Denenberg; M. Winick; Discovery of the Monitor: R. T. Barber

EDITORIAL
Coercion of Medical Schools

ARTICLES
Power with Heliostats: A. F. Hildebrandt and L. L. Vant-Hull
Viral Integration and Excision: Structure of the Lambda att Sites: A. Landy and W. Ross
Disasters as a Necessary Part of Benefit-Cost Analyses: R. K. Mark and D. E. Stuart-Alexander

NEWS AND COMMENT
NASA Bans Sex from Outer Space
Department of Energy: Opposition Rises as the Plan Leaks Out
Science in Europe/The Antinuclear Movement Takes Hold
Psychologists Back Women, Chuck Magazine, Gear up for NHI

RESEARCH NEWS
Chitin Synthesis Inhibitors: New Class of Insecticides
Human-Powered Flight: Californians Claim Kremer Prize

BOARD OF DIRECTORS
WILLIAM D. MC ELROY
Retiring President, Chairman

EMILIO Q. DADARRO
President

EDWARD E. DAVID, JR.
President-Elect

MARTIN B. CUMMINGS
RUTH M. DAVIS

RENEE C. FOX
BERNARD GIFFORD

ASTRONOMY (D)
Beverly T. Lynds
Ano U. Landolt

PHYSICS (B)
Norman Ramsey
Rolf M. Sinclair

CHEMISTRY (C)
Norman Hackerman
Leo Schubert

ENGINEERING (M)
Paul H. Robbins

MATHEMATICS (A)
Dorothy M. Stone
Truman A. Botts

SOCIAL AND ECONOMIC SCIENCES (K)
Malinda W. Riley
Daniel Rich

HISTORY AND PHILOSOPHY OF SCIENCE (L)
Ernan McMullin
George Basalla

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Lawrence P. Helprin
Joseph Becker

PSYCHOLOGY (L)
Donald B. Lindsey
Edwin P. Hollander

DENTISTRY (R)
Harold M. Fullmer
Sholom Peartman

PHARMACEUTICAL SCIENCES (S)
Stuart Eriksen
Raymond Jang

EDUCATION (Q)
Herbert A. Smith
James T. Robinson

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Lawrence P. Helprin
Joseph Becker

DIVISIONS
DAVID M. HICKOK
President

ALASKA DIVISION
KEITH B. MATHER
Executive Secretary

PACIFIC DIVISION
MILDRED MATTIAS
President

SOUTHWESTERN AND ROCKY MOUNTAIN
ALAN E. LEVITON
Secretary-Treasurer

MEXICO
ERIK K. BONDE
President

EASTERN
MAX P. DURF
Executive Director
ANNUAL MEETING  Call for Contributed Papers: A. Herschman; Instructions for Contributors  1173

BOOK REVIEWS  Social Anthropology and Medicine, reviewed by D. Landy; Europe's Giant Accelerator, A. Roberts; Chemical Pharmacology of the Synapse, R. E. Zigmond; Books Received and Book Order Service  1174

REPORTS  Carrier-Mediated Photodiffusion Membranes: J. S. Schultz  1177
Timekeeping by the Pineal Gland: S. Binkley, J. B. Riebman, K. B. Reilly  1181
Ratio of Plasma Alpha Amino-n-Butyric Acid to Leucine as an Empirical Marker of Alcoholism: Diagnostic Value: M. Y. Morgan, J. P. Milson, S. Sherlock  1183
Lectin Release by Soybean Seeds: D. W. Fountain et al.  1185
Aluminum Absorption and Distribution: Effect of Parathyroid Hormone: G. H. Mayor et al.  1187
Competition of Δ⁹-Tetrahydrocannabinol with Estrogen in Rat Uterine Estrogen Receptor Binding: A. B. Rawitch et al.  1189
Long-Term Unit Recording from Somatosensory Neurons in the Spinal Ganglia of the Freely Walking Cat: G. E. Loeb, M. J. Bak, J. Duysens  1192


COVER

By means of site-specific recombination, the DNA of bacteriophage λ (blue) is inserted into the chromosome of its host, Escherichia coli (green). A similar reaction (int + xis) achieves excision of the integrated prophage. The cutting and rejoining of the DNA molecules in both genetic transactions takes place within a 15-base-pair sequence (red) that is common to all four recombining sites. See page 1147. [Don Paulhus, Brown University, Providence, Rhode Island]