LETTERS

Irritated by the IRS: R. A. Day; Beryllium: Carcinogenicity Studies: J. K. Wagoner, P. F. Infante, T. Mancuso; Telecommunications Satellites and Development: B. Cowlan

EDITORIAL

The Importance of Marine Affairs: D. A. Ross and E. Miles

ARTICLES

Local Moments and Localized States: P. W. Anderson

Limits to Growth in World Food Production: N. F. Jensen

The Environment Today: R. E. Train

NEWS AND COMMENT

Britain's National Health Service: The Doctors' Dilemmas

Briefing: Federal Court Affirms Pro-Laetrile Ruling; British Scientist Sues over Clone Book; Want the Men to Pass ERA? Grab Them by Their Genes; DuPont Finally Relinquishes Drug Institute Post

Biological Warfare Fears May Impede Last Goal of Smallpox Eradicators

Budget-Cutting Mood in Congress Begins to Hit Science

RESEARCH NEWS

Laser Annealing: Processing Semiconductors Without a Furnace

BOOK REVIEWS

Quantum Liquids and Quantum Fluids and Solids, reviewed by P. C. Hohenberg; Production Ecology of Ants and Termites, E. O. Wilson; Quantitative Methods in the Study of Animal Behavior, M. L. Reaka; Books Received

REPORTS

Obsidian Hydration Profiles Measured by Sputter-Induced Optical Emission: I. S. T. Tsong et al.

Visual Phenomena Induced by Relativistic Carbon Ions With and Without Cerenkov Radiation: P. J. McNulty, V. P. Fease, V. P. Bond

Deuterated Methane Observed on Saturn: U. Fink and H. P. Larson

ARD OF DIRECTORS

EMILIO Q. DADDARIO
Retiring President, Chairman

EDWARD E. DAVID, JR.
President

KENNETH E. BOULDING
President-Elect

ELOISE E. CLARK
MARTIN M. CUMMINGS

RENEE C. FOX
BERNARD GIFFORD

ARDEN H. ROSENBERG
President

Keith B. Mathei
Executive Secretary

Glenn C. Lewis
President

Alan E. Leviton
Secretary-Treasurer

James W. O'Leary
President

Lora M. Shields
Executive Officer

AIRMEN AND CRETARIIES OF AS SECTIONS

MATHEMATICS (A)
Mark Kac
Ronald Graham

PHYSICS (B)
D. Allan Bromley
Rolf M. Sinclair

SOCIAL AND ECONOMIC SCIENCES (K)
Kurt W. Back
Gillian Linn

DENTISTRY (R)
Sholom Pearlman
John Terriere

PHARMACEUTICAL SCIENCES (S)
John G. Wagner
Raymond Jang

HISTORY AND PHILOSOPHY OF SCIENCE (L)
Robert S. Cohen
Diana L. Hall

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Eugene Garfield
Madeline M. Henderson

ENGINEERING (M)
Robert B. Beckmann
Donald E. Martowe

ASTRONOMY (D)
Paul W. Hodge
Donald G. Wentzel

Production Ecology of Ants and Termites, E. O. Wilson; Quantitative Methods in the Study of Animal Behavior, M. L. Reaka; Books Received

Quantum Liquids and Quantum Fluids and Solids, reviewed by P. C. Hohenberg; Production Ecology of Ants and Termites, E. O. Wilson; Quantitative Methods in the Study of Animal Behavior, M. L. Reaka; Books Received

Reports

Obsidian Hydration Profiles Measured by Sputter-Induced Optical Emission: I. S. T. Tsong et al.

Visual Phenomena Induced by Relativistic Carbon Ions With and Without Cerenkov Radiation: P. J. McNulty, V. P. Fease, V. P. Bond

Deuterated Methane Observed on Saturn: U. Fink and H. P. Larson

ARD OF DIRECTORS

EMILIO Q. DADDARIO
Retiring President, Chairman

EDWARD E. DAVID, JR.
President

KENNETH E. BOULDING
President-Elect

ELOISE E. CLARK
MARTIN M. CUMMINGS

RENEE C. FOX
BERNARD GIFFORD

ARDEN H. ROSENBERG
President

Keith B. Mathei
Executive Secretary

Glenn C. Lewis
President

Alan E. Leviton
Secretary-Treasurer

James W. O'Leary
President

Lora M. Shields
Executive Officer

AIRMEN AND CRETARIIES OF AS SECTIONS

MATHEMATICS (A)
Mark Kac
Ronald Graham

PHYSICS (B)
D. Allan Bromley
Rolf M. Sinclair

SOCIAL AND ECONOMIC SCIENCES (K)
Kurt W. Back
Gillian Linn

DENTISTRY (R)
Sholom Pearlman
John Terriere

PHARMACEUTICAL SCIENCES (S)
John G. Wagner
Raymond Jang

HISTORY AND PHILOSOPHY OF SCIENCE (L)
Robert S. Cohen
Diana L. Hall

INFORMATION, COMPUTING, AND COMMUNICATION (T)
Eugene Garfield
Madeline M. Henderson

ENGINEERING (M)
Robert B. Beckmann
Donald E. Martowe

ASTRONOMY (D)
Paul W. Hodge
Donald G. Wentzel