Editorial  Tax Exempt .................................................. 7

Articles  Development of a Science Policy: W. R. Brode ................................................. 9
Steps are needed to center full responsibility for governmental programs in the government itself.

How Our Air Force Supports Basic Research in Europe: H. J. Lewis  ................. 15
This unusual program of military support for open research abroad has won widespread approval.

Louis N. Ridenour, Physicist and Administrator: F. Seitz and A. H. Taub .......... 20

Science in the News  Next Few Years Said To Promise Solution of Antarctic Research Program's Recruiting Problems; Suspension of Test Ban Talks Leaves Many Problems Unresolved ........................................................... 21

Book Reviews  Handbook of Physiology, reviewed by R. F. Pitts; other reviews ............ 27

Reports  Velocity of Light and Measurement of Interplanetary Distances: M. J. E. Golay .... 31

High-Resolution Density Gradient Sedimentation Analysis:
   R. J. Britten and R. B. Roberts ........................................ 32

Daily Light Sensitivity Rhythm in a Rodent: P. J. De Coursey ......................... 33


Chemically Induced Phenocopy of a Tomato Mutant: D. S. Mathan and J. A. Jenkins 36

Mitotic Arrest by Deuterium Oxide: P. R. Gross and W. Spindel .......................... 37

Nonlogarithmic Linear Titration Curves: B. H. J. Hofstee .................................. 39

On the Function of Corticothalamic Neurons: T. E. Ogden ............................... 40

Occurrence of Scandium-46 and Cesium-134 in Radioactive Fallout:
   H. L. Krieger and D. Groche ........................................... 40

Degree of Obesity and Serum Cholesterol Level: C. B. Thomas and S. M. Garn .... 42

Neural and Hypophyseal Colloid Deposition in the Collared Lemming: W. B. Quay .... 42

Departments  Letters from G. C. Haydu and H. Moltz; W. M. Elsasser; I. R. Neller ........ 6

Chemical Thermodynamics Discussed at Symposium Held near Innsbruck, Austria; Forthcoming Events; New Products ................................................................. 44

Cover  Giant turning vanes resembling oversized Venetian blinds are set in each corner of the transonic circuit of the propulsion wind tunnel at the Arnold Engineering Development Center at Tullahoma, Tenn. The vanes guide air flow around the 90° corners of the circuit to reduce turbulence and help maintain a steady flow of air through the test section. The circuit operates in Mach number range from about 0.5 to 1.6 at simulated altitudes up to and beyond 100,000 feet. [Arnold Engineering Development Center, U.S. Air Research and Development Command]