

current practices in chemical technology, covering the main segments of the chemical industry. Includes treatment of the chemical aspects of the pharmaceutical and nuclear industries.

**SCIENTIFIC METHOD:** Optimizing Applied Research Decisions—Russell L. Ackoff with Shiv K. Gupta and J. Sayer Minas—*Wiley*, 464 p., \$9.50. A book on "planning or designing the use of science in the pursuit of objectives," applies the methods of operations research to investigating the procedures of scientific inquiry.

**SOME ASPECTS OF NEUROANATOMY**—V. N. Ternovskii, transl. from Russian—*Consultants*, 183 p., illus., \$15. Collection of articles on the anatomy of the central and peripheral nervous system, including recent research into the conducting pathways of the brain.

**SOVIET SPACE PROGRAMS:** Organization, Plans, Goals and International Implications—*Committee on Aeronautical and Space Sciences, U. S. Senate (GPO)*, 399 p., illus., paper, \$1.25. Staff report.

**SPACE SCIENCE**—Ralph E. Lapp—*Am. Lib. Assn. (Public Affairs Committee)*, 52 p., paper, 60¢. Background essay surveying the subject in broad outlines.

**SPICES:** Their Morphology, Histology and Chemistry—John W. Parry—*Chemical Pub. Co.* 226 p., illus., \$8.75. Provides information on the structure and chemical composition of spices, which are listed and described in alphabetical order for quick reference.

**STATE AGRICULTURAL EXPERIMENT STATIONS:** A History of Research Policy and Procedure—H. C. Knoblauch and others—*GPO*, 262 p., photographs, \$1.50. Documents and evaluates administrative and policy developments in the operations of the State agricultural experiment stations.

**THE STORY OF COSMIC RAYS**—Germaine and Arthur Beiser—*Dutton*, 126 p., illus. by Joseph M. Sedacca, \$2.95. Tells general reader what cosmic rays are, how they were discovered, and what effects they have on human beings.

**STRATEGY AND STRUCTURE:** Chapters in the History of the Industrial Enterprise—Alfred D. Chandler, Jr.—*M.I.T. Press*, 463 p., \$10. Analyzes the causes of the modern decentralized, multidivisional administrative structure as it has been developed independently by four giant companies in different industries.

**A SURVEY OF PHYSICAL THEORY:** (Formerly Titled: A Survey of Physics)—Max Planck, transl. by R. Jones and D. H. Williams—*Dover*, 117 p., paper, \$1.15. Unabridged republication.

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**UNDERSTANDING FOOD:** The Chemistry of Nutrition—Beulah Tannenbaum and Myra Stillman—*McGraw*, 206 p., illus. by Bernice Myers, \$3.75. For young people.

**THE WORKER IN AN AFFLUENT SOCIETY:** Family Life and Industry—Ferdynand Zweig—*Free Press*, 268 p., \$4.50. A study of the modern British working class, based on interviews in five large industrial companies; tries to evaluate the changes in the quality of life achieved.

• Science News Letter, 82:12 July 7, 1962

## ENGINEERING

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#### See Front Cover

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• Science News Letter, 82:13 July 7, 1962

## Questions

**GENERAL SCIENCE**—Who was the architect of the original National Academy building? p. 6.

**MEDICINE**—Which cancers are known as solid tumors? p. 3.

**METEOROLOGY**—How are hurricanes named? p. 11.

**OCEANOGRAPHY**—How much does the "deep-star" weigh? p. 7.

**PSYCHOLOGY**—What types of pictures do babies seem to enjoy most? p. 9.

**TECHNOLOGY**—What uses have been made of negative ions? p. 5.

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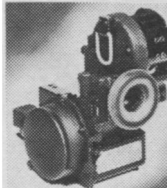
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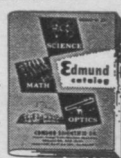
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