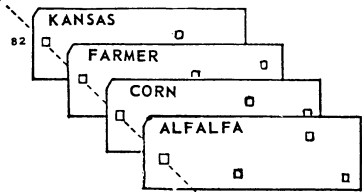


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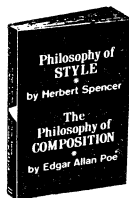
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**ADVANCES IN TRACER METHODOLOGY**, Vol. 1—Seymour Rothchild, Ed.—Plenum Press, 332 p., illus., \$12. Proceedings of the Fifth Annual Symposium (1961) and selected up-dated papers from the first four, mainly concerned with the use of tritium as a tracer isotope.

**BASIC MATH COURSE FOR ELECTRONICS**—Henry Jacobowitz—Gernsback Lib., 160 p., illus., paper, \$4.50. Briefly treats Ohm's law arithmetic, network algebra, ac to complex numbers and logarithms.

**BIOLOGY AND THE NATURE OF MAN**—W. H. Thorpe—Oxford Univ. Press, 122 p., \$2. Based on his Riddell Memorial Lecture, biologist considers the ways in which biology affects man's views as to his origin, nature and destiny.

**THE CAMELLIA BOOK**—John L. Threlkeld—Van Nostrand, 204 p., photographs, \$7.75. Practical and authoritative advice on camellia culture.

**CONSUMER REPORTS: The Buying Guide Issue December 1962**—Consumers Union (Doubleday), 416 p., illus., paper, \$1.75. Test reports on home appliances, photo equipment, radios and cars. Includes 1963 consumer's almanac.

**DESCRIPTIVE COLLEGE PHYSICS**—Harvey E. White—Van Nostrand, 2nd ed., 397 p., illus., \$8. Designed for a basic one-semester college course for liberal arts students.

**FAMILY FOOD PLANS AND FOOD COSTS: For Nutritionists and Other Leaders Who Develop or Use Food Plans**—Eloise Cofer, Evelyn Grossman and Faith Clark—USDA (GPO), 54 p., paper, 35¢. Report describes food plans for families of varying size and composition at four levels of cost.

**GARDEN PINKS**—Roy Genders—St. Martins, 160 p., photographs, \$5.95. Acquaints the reader with this labor-saving, hardy plant and its newer, longer-blooming varieties.

**THE HORMONES IN HUMAN REPRODUCTION**—George W. Corner—Atheneum, 281 p., illus., paper, \$1.65. Reprint (1957). Embryologist's lucid account for the general reader, of hormone function in the processes of sex and reproduction.

**INFORMATION SYSTEMS WORKSHOP: The Designer's Responsibility and His Methodology**—R. M. Hayes and others—Spartan Bks., 153 p., \$6. Based on a conference sponsored by the American Documentation Institute and the University of California at Los Angeles, May 1962.

**INTERNATIONAL CODE TRAINING SYSTEM**—International Teaching Systems, Inc.—Sams, 96 p., illus., 3 LP 33 1/2 rpm records, \$6.95. Audio-visual training method, using modern programming techniques, designed for self-instruction in the use of the International Morse Code.

**INTERNATIONAL REVIEW OF NEUROBIOLOGY**, Vol. 4—Carl C. Pfeiffer and John R. Smythies, Eds.—Academic Press, 388 p., illus., \$12. Reviews of research related to the nervous system, ranging from discussion of the nature of spreading depression in neural networks, to the effect of adrenochrome and adrenolutin on animals and man.

**INTRODUCING SCIENCE**—Alan Isaacs—Penguin, 244 p., diagrams, paper, \$1.25. Discusses matter and energy in the light of recent research. For the general reader.

**KATMAI**—Wilson Fiske Erskine—Abelard-Schuman, 223 p., illus. by author, photographs, \$4.50. Story of the 1912 volcanic eruption and the reactions of the people of Kodiak, Alaska.

**LABORATORY OUTLINES IN BIOLOGY**—Peter Abramoff and Robert G. Thomson—Freeman, 249 p., illus., paper, \$3.75. Designed to be adaptable to one-year courses in general biology or one-semester courses in general zoology or general botany.

**THE LIFE OF BIRDS**—Joel Carl Welty—Knopf, 546 p., illus. by Norman Tolson, maps, \$12.95. Presents the basic facts of bird biology culled from 8,000 separate sources, written for the general reader who loves birds. Covers new instruments and techniques, such as radar studies of migration, sound spectrogram analyses of songs and aerial surveys.

**MATHEMATICS FOR SELF STUDY**, Vols. I-V: Arithmetic, Algebra, Geometry, Trigonometry and Calculus for the Practical Man—J. E. Thompson, 3rd ed. by Max Peters and others—Van Nostrand, 3rd ed., 266 p., 277 p., 256 p., 190 p., 280 p., five-volume set \$12.85; \$3.25 each. Revised edition incorporates new concepts and modern terminology.

**MODERN COMMUNICATIONS**—Thomas H. Crowley and others—Columbia Univ. Press, 340 p., illus., \$9.75. Book written by experts describing the principles of communication theory so that they can be understood by readers trained in other fields.

**PALESTINE BEFORE THE HEBREWS: A History, from the Earliest Arrival of Man to the Conquest of Canaan**—Emmanuel Anati—Knopf, 470 p., illus., \$8.95. Attempts to trace the prehistoric cultural evolution from about 5,000 years ago to 600,000 years ago, based on archaeological discoveries in Palestine.

**PARTS AND WHOLELS: The Hayden Colloquium on Scientific Method and Concept**—Daniel Lerner, Ed.—Free Press (Macmillan), 180 p., \$4.95. Leading scholars discuss the fact that empirical knowledge deals with parts and not with wholes, from the points of view of their disciplines.

**POPULATION EXPLOSION: Abundance or Famine**—Jan Lenica and Alfred Sauvy—Dell, 120 p., illus., paper, 95¢. Presents the problems of balance between fertility and survival, visually and with brief text.

**PREHISTORY: Civilizations before Writing**—Paul Hogarth and Jean-Jacques Salomon—Dell, 120 p., illus., paper, 95¢. Attractive visual presentation accompanies short text.

**PROPOSITIONAL CALCULUS**—P. H. Nidditch—Free Press (Macmillan), 83 p., paper, \$1.25. Fundamental techniques for that part of logic that draws deductions from statement connections, expressed by words like "or," "and" and "implies."

**REACTOR SAFETY: A Literature Search**—Richard J. Smith—USAEC (GPO), 97 p., paper, \$2.25. Includes 1,555 references to literature on reactor systems, materials, operations to provide maximum safety for reactor, personnel and environs.

**RIVER BASIN SURVEY PAPERS, No. 25: Archeology of the John H. Kerr Reservoir Basin, Roanoke River, Virginia-North Carolina**—Carl F. Miller—Smithsonian Inst. (GPO), 447 p., 110 plates, illus., maps, \$4. Bulletin 182 of the Bureau of American Ethnology.

**SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS**, Vol. 1, No. 1, Jan. 8, 1963—NASA, Office of Scientific and Technical Information—GPO, 191 p., paper, \$1.50; subscriptions per year \$25. A semi-monthly abstract journal with indexes, reporting literature on the science and technology of aeronautics and space, successor to "Technical Publications Announcements."

**SELECTED AEROSPACE CAREER AND SCHOLARSHIP INFORMATION**—Rev. by Richard M. Harbeck and Bettina Weary—OE, 16 p., single pages free upon request direct to: Specialist for Aerospace Education, Dept. of HEW, Office of Education, Washington 25, D. C. Updated bibliography of source material.

**SOVIET POTENTIALS: A Geographic Appraisal**—George B. Cressey—Syracuse Univ. Press, 232 p., illus., maps, \$5.75. Analyzes the resources, raw materials, people, environment of one-seventh of the earth's land mass.

**SPACE FLIGHT, Vol. II: Dynamics**—Krafft A. Ehrlicke—Van Nostrand, 1,210 p., illus., \$29.75. Covers the actual flight mechanics of space flight from the calculations required to the application of fundamentals treated in the previous volume. Deals with the dynamics of space vehicles under the influence of gravity, high thrust, low thrust, micro-thrust, drag and radiation pressure.

**SPACE SCIENCE REVIEWS, Vol. I, No. 1, 1962**—C. de Jager—Reidel Pub. Co., Holland, 153 p., illus., paper, \$42 per volume of four issues. International quarterly containing invited review papers covering pure research, such as magnetic storms, high energy solar particle events, and the polar cap absorption effect.

**STATISTICAL ABSTRACT OF THE UNITED STATES 1962**—Edwin D. Goldfield, Dir.—Bureau of the Census (GPO), 83rd ed., 1,036 p., \$3.50. Latest annual standard summary of statistics on the social, political and economic organization of the United States.

**STRUCTURE AND STRATIGRAPHY IN THE CENTRAL TOiyabe RANGE, NEVADA**—W. D. Means—Univ. of Calif. Press, 43 p., illus., map, paper, \$2. Study describes and interprets structures in deformed, low-grade metamorphic rocks.

**TRIUMPH**—Philip Wylie—Doubleday, 227 p., \$4.50. A novel about a small group of survivors of World War III, and events both inside and outside their elaborate shelter during the two years they spend there.

**UNDERWATER ACOUSTICS**—V. M. Albers, Ed.—Plenum Press, 354 p., illus., \$12.50. Reference volume for research scientists in ultrasonics, oceanography, submarine acoustics and undersea warfare.

**UNITED STATES EARTHQUAKES, 1960**—H. Carroll Talley Jr. and William K. Cloud—Coast & Geodetic Service (GPO), 90 p., maps, paper, 50¢. Summary of earthquake activity during 1960.

**THE YEAR-ROUND CAMPUS CATCHES ON**—Sidney G. Tickton with others—Fund for the Advancement of Education, 48 p., paper, free upon request direct to publisher, 477 Madison Ave., New York 22, N.Y. Data and comments on 40 colleges and universities whose administrators encourage students to attend on a year-round basis.

• Science News Letter, 83:108 February 16, 1963