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# Books of the Week

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**ALCOHOLISM: Its Facets and Phases**—Marvin A. Block—Day, 320 p., \$5.95. Written in non-technical language by the past Chairman of the Committee on Alcoholism, AMA, this book deals with every aspect of the disease of alcoholism.

**THE AMERICAN OUTDOORS: Management for Beauty and Use**—USDA (GPO), 76 p., photographs, paper, 55¢. New booklet on conservation of recreational space.

**A BRIEF TRIGONOMETRY**—Robert R. Christian—Blaisdell Pub. Co., 2nd ed., 108 p., paper, \$1.75. Treats geometric and analytical aspects separately, the cosine and sine individually, with numerous exercises.

**CARING FOR YOUR DISABLED CHILD**—Benjamin Spock and Marion O. Lerrigo—Macmillan, 373 p., \$4.95. Stressing the need for rehabilitation, this handbook offers guidance in helping the mentally, physically or emotionally handicapped child.

**CHEMICAL ENGINEERING**—Professional Engineer's Examination—Gerald Coren—Arco, 201 p., diagrams, \$8; paper, \$5. Designed to assist engineers who are studying to pass the professional engineers' licensing examination.

**CHEMICAL THERMODYNAMICS: A Course of Study**—Frederick T. Wall—Freeman, 2nd ed., 451 p., illus., \$9.25. Textbook for seniors or first-year graduate students.

**COBRAS IN HIS GARDEN**—Harry Kursh—Harvey House, 192 p., photographs, \$5. Biography of William B. Haast and his Serpenterium.

**DISTRIBUTION OF THE ELEMENTS IN OUR PLANET**—L. H. Ahrens—McGraw, 110 p., diagrams, paper, \$1.95. Concise introduction to the abundances of elements that make up the earth.

**ELECTRICAL CORONAS: Their Basic Physical Mechanisms**—Leonard B. Loeb—Univ. of Calif. Press, 694 p., illus., \$14. A comprehensive treatment of fundamental relations pertinent to electrical breakdown, true coronas, the highly stressed cathode, symmetrical and asymmetrical corona gaps.

**THE END OF THE GAME**—Peter Hill Beard—Viking Press, 256 p., photographs by author, illus., \$12.95. An extraordinary and moving record in picture and word of African wildlife, past, present and future.

**ESSENTIALS OF MODERN ORGANIC CHEMISTRY**—William A. Bonner and Albert J. Castro—Reinhold, 645 p., illus., \$8.95. Textbook planned for use in non-laboratory courses as well as in standard courses.

**EXPLORING BEHAVIOR**—Douglas K. Candland and James F. Campbell—Fawcett, 160 p., illus., paper, 60¢. Reprint (1961).

**THE FIRST BOOK OF MODERN CALIFORNIA**—C. William Harrison—Watts, Franklin, 66 p., photographs, \$2.65. Shows the transformation of a highly populated and technically advanced state.

**THE FIRST BOOK OF THE ANCIENT MAYA**—Barbara L. Beck—Watts, Franklin, 87 p., illus. by Page Cary, \$2.65. About the history revealed by the ruins of Tikal, Copan, Uxmal and Chichen Itza.

**FUN WITH FIGURES**—J. A. H. Hunter—Dorer, 109 p., paper, \$1. Reprint (1956).

**MECHANICAL SYSTEM DESIGN**—W. E. Eder and W. Gosling—Pergamon Press, 226 p., diagrams, paper, \$3. Text emphasizes system engineering aspect to design.

**MECHANICS OF MACHINES, Vol. 1**—H. E. Barnacle and G. E. Walker—Pergamon Press, 300 p., paper, \$3.50. Deals with kinematics of motion, static forces including friction, and dynamic effects including elastic vibrations.

**MOLECULAR PHYSICS IN PHOTOSYNTHESIS**—Roderick K. Clayton—Blaisdell Pub. Co., 205 p., \$7.50. An introduction to the problems of research in photosynthesis, descriptive molecular physics and the physical aspects of photosynthesis.

## MICRO-ADS

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**SURPLUS OPTIC-ELECTRONICS CATALOG. 72** pages 20¢. Meshna, Nahant, Mass.

**NEW KNOWLEDGE: Its Impact on Higher Education**—Herbert C. Taylor, Jr.—Ore. State Univ. Press, 118 p., \$3. Proceedings of the Twenty-sixth Annual Pacific Northwest Conference on Higher Education, 1964.

**A PLANET CALLED EARTH**—George Gamow—Bantam Bks., 256 p., illus., paper, 75¢. Reprint (1963). Reflects the latest findings and theories about the geologic history of the earth, and the origin and evolution of life on earth.

**PLANT SYSTEMATICS: Theory and Practice**. BSCS Pamphlet 23—Peter H. Raven and Thomas R. Mertenens—AIBS (Heath), 36 p., illus., paper, 60¢. Describes how plant classification has been affected by the theory of evolution, advances in molecular biology, biochemistry, cytology, plant anatomy and other disciplines.

**PROBABILITY and Its Engineering Uses**—Thornton C. Fry—Van Nostrand, 2nd ed., 462 p., \$12. Fully revised basic reference work, with new material on random walks, Markov processes and the foundation of statistics.

**THE RIVER PLATE REPUBLICS: Argentina, Paraguay, Uruguay**—J. Halero Ferguson and the Editors of LIFE—Time Inc., 160 p., photographs, maps, \$2.95 direct to TIME-LIFE Bks., 540 N. Mich. Ave., Chicago 11, Ill. A modern-day portrait of the three countries joined by South America's second largest inland waterway.

**RODD'S CHEMISTRY OF CARBON COMPOUNDS, Vol 1, Part C: Monocarbonyl Derivatives of Aliphatic Hydrocarbons, Their Analogues and Derivatives**—S. Coffey, Ed.—Elsevier Pub. Co. (N.Y.), 2nd ed., 432 p., \$27.

**THE SCHOOL BOARD CRISIS: A Chicago Case Study**—Joseph Pois—Educational Methods (Aldine Pub. Co.), 309 p., \$6.95. Examines the relationships between professional educator and lay board, selection of board members, recruitment and retention of teachers, and other board responsibilities.

**SCIENCE YOU CAN USE**—George K. Stone with Lucy W. Stephenson—Prentice-Hall, 2nd ed., 415 p., illus., \$5.32. Grade school science with emphasis on observation and exploration.

**SHELLING IN THE SEA OF CORTEZ**—Paul E. Violette—King, Dale Stuart, 95 p., illus. by C. Randolph McKusick, photographs, \$3; paper, \$1.50. Describes in detail a variety of specimens to be found near Guaymas, Sonora, Mexico, and points north on the Gulf of California.

**THE SLIDE RULE HANDBOOK**—James Owen Perrine—Baywood Pub. Co. (Gordon & Breach), 108 p., illus., \$5; paper, \$3. Explains the concept and analyzes operations.

**SOLAR SYSTEM RADIO ASTRONOMY: Lectures presented at the NATO Advanced Study Institute of the National Observatory of Athens, 1964**—Jules Aarons, Ed.—Plenum Press, 416 p., illus., \$17.50. Reports on studies on the quiet sun, high solar activity, the interplanetary medium, moon and planets.

**THE SOURCES OF INCREASED EFFICIENCY: A Study of Du Pont Rayon Plants**—Samuel Hollander—M.I.T. Press, 228 p., \$10. A microeconomic study of productivity movements for the purpose of measuring the contribution of various sources of improvement to increased efficiency, based on data covering a period of 30 years in a large industrial firm.

**SOVIET RESEARCH AND DEVELOPMENT: Its Organization, Personnel and Funds**—Alexander G. Korol—M.I.T. Press, 375 p., \$11. A carefully documented systematic study sponsored by the Office of Economic and Manpower Studies, National Science Foundation.

**STEADY-STATE APPLICATIONS IN ENZYME KINETICS**—Charles Walter—Ronald, 263 p., \$12. Presents in detail the kinetic analysis that flows from a steady-state treatment of enzyme kinetics.

**THE THREAT OF IMPENDING DISASTER: Contributions to the Psychology of Stress**—George H. Grosser, Henry Wechsler and Milton Greenblatt, Eds.—M.I.T. Press, 335 p., illus., \$8.75. Brings together insight gained from empirical research focusing on individual and group responses to expected catastrophic situations.

**ULTRASOUND IN THE PRODUCTION AND INSPECTION OF CONCRETE: Part I: Production Applications. Part II: Inspection in Hydraulic Construction**—Yu. E. Kornilovich, A. K. Tretyakov and others, transl. from Russian by James S. Wood—Consultants, 47 p., 64 p., illus., paper, \$7.50 each, \$15 the set. Results of investigations.

**THE UNATTACHED**—Mary Morse—Penguin Bks., 226 p., paper, 95¢. A report by British social worker on the thinking and activities of the bored, the apathetic, the rebellious and the defiant teenagers who do not associate with any group.

**U.S. MILITARY STRATEGY IN THE SIXTIES**—Robert N. Ginsburgh, Colonel, USAF—Norton, 160 p., \$4. An exposition of military strategic concepts and rules in the framework of U.S. politics.

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