

# Books of the Week

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**POLYESTERS, Vol. 2: Unsaturated Polyesters and Polyester Plasticizers**—Brian Parkyn F. Lamb and B. V. Clifton—Am. Elsevier Pub. Co., 1967, 168 p., photographs, diagrams, \$8.50. Discusses many aspects of polyester resins without going into too much detail.

**PROFILE OF EAST GERMANY**—Lex Hornsby, Ed.—Barnes, A.S., 1966, 120 p., photographs, maps, \$5. Describes the economy and the way of life of the GDR in word and picture.

**QUASI-STELLAR OBJECTS**—Geoffrey Burbidge and Margaret Burbidge—Freeman, 1967, 235 p., illus., \$7.50. This monograph draws together in a coherent fashion the observational data on this new class of astronomical objects and critically evaluates the various theoretical and semi-empirical ideas on their nature.

**RACIAL AND GEOGRAPHICAL FACTORS IN TUMOR INCIDENCE**—A. A. Shivas, Ed.—Edinburgh Univ. Press (Williams & Wilkins), 1967, 291 p., illus., \$11. Brings together much of the data gathered by an international body of research workers concentrating upon cancer as an integral part of the response of man to his environment.

**RADIO AND TELEVISION BROADCASTING ON THE EUROPEAN CONTINENT**—Burton Paulu—Univ. of Minn. Press, 1967, 290 p., \$7.50. Discusses the technical, organizational, financial and programming aspects of European broadcasting in both East and West, presented in a framework of interrelated factors rather than country by country.

**REVOLUTION IN LEARNING: The Years from Birth to Six**—Maya Pines—Harper, 1967, 244 p., \$5.95. An absorbing report on the projects, pioneering experiments and newly tested methods for stimulating very young children intellectually, including remedial programs designed to stretch human minds through early learning.

**THE RUTTERS OF THE SEA: The Sailing Directions of Pierre Garcie**—D. W. Waters—Yale Univ. Press, 1967, 478 p., facsimile reproductions, maps, \$25. A scholarly study of early 16th century English and French printed piloting directions, the first to provide the mariner with woodcut outlines of coastal elevations.

**SCIENCE AND THE MASS MEDIA**—Hilliier Kriehbaum—N.Y. Univ. Press, 1967, 242 p., \$6.95. An inquiry into the manner in which the nation's scientific effort is reported to the public in U.S. newspapers, magazines, on radio and on television.

**THE SCIENCE CENTURY**—Magnus Pyke—Walker & Co., 1967, 183 p., photographs, \$5.95. An informative look at the last hundred years' dynamic developments in industry and technology—transportation, lighting, communication, urbanization and food.

**SEX EDUCATION AND THE SCHOOLS**—Virginia Hilu, Ed.—Harper, 153 p., \$4.50. A panel discussion about the school's responsibility in sex education, parents and their ethics, the current morality and how it affects young people.

**SEX, FERTILITY AND BIRTH CONTROL**—Isadore Rossman, M.D.—Stravon Educ. Press, 1967, 224 p., illus., \$5.95. Addressing the general public, the book deals factually with the physiological manifestations of sexuality, with special emphasis on conception and contraception.

**SEX WITHOUT BABIES: A Comprehensive Review of Voluntary Sterilization as a Method of Birth Control**—H. Curtis Wood, Jr., M.D.—Whitmore Pub. Co., 1967, 229 p., illus., \$5. An authoritative and concise explanation of what sterilization is and when it is indicated. Makes a well-documented plea for saner attitudes towards voluntary sterilization.

**SKIING IN EUROPE: Everything the Traveler Needs to Know About the Best European Ski Resorts**—Saul Galin—Hawthorn Bks., 1967, 318 p., photographs, \$8.95. Describes location, altitude, snow conditions and type of runs, together with practical tourist information.

**TAMING MEGALOPOLIS, Vol. I: What Is and What Could Be. Vol. II: How to Manage an Urbanized World**—H. Wentworth Eldridge, Ed.—Doubleday, 1967, 1166 p., charts, maps, paper, \$2.45 each. Brings together in two volumes the ideas of more than sixty experts from many disciplines.

**TO THE ENDS OF THE UNIVERSE**—Isaac Asimov—Walker & Co., 1967, 136 p., photographs, diagrams, \$3.95. Takes the young reader into the world of quasars, supernovae, red giants and white dwarfs, X-ray stars and radio sources.

**VISION AND THE EYE**—M. H. Pirenne—Chapman & Hall (Barnes & Noble), 1967, 2nd ed., 224 p., 6 plates, illus., \$9; paper, \$4.75. This revised introduction to visual science contains new work on the various properties of the visual mechanism.

## Textbooks

**ACOUSTICS AND VIBRATIONAL PHYSICS**—R. W. B. Stephens and A. E. Bate—St. Martin's, 1966, 818 p., illus., \$22.50. Greatly expanded revision of the authors' earlier (1950) **WAVE MOTION AND SOUND**, this broad-scale text is intended for both graduate and undergraduate students as well as a reference work.

**BASIC PHYSICAL CHEMISTRY FOR THE LIFE SCIENCES**—Virginia R. Williams and Hulen B. Williams—Freeman, 1967, 382 p., diagrams, \$11.50. Designed for a one-term course in physical chemistry for students in the agricultural and biological sciences.

**DIGITAL LOGIC AND COMPUTER OPERATIONS**—Robert C. Baron and Albert T. Piccirilli—McGraw-Hill, 1967, 330 p., diagrams, \$13.50. Intended as a primer, the book employs the logical "building block" method of exposition applicable to all computers and shows how various methods can be used to solve particular problems.

**INTRODUCTORY PHYSICAL SCIENCE**—IPS Group, Educational Services Inc.—Prentice-Hall, 1967, 227 p., illus., \$3.72; Teachers Guide, \$6.28. Designed to give high school students a solid foundation, the theme of the laboratory course is the development of evidence for an atomic model of matter.

**LABORATORY EXPERIMENTS IN PHYSICS FOR HIGH SCHOOL**—Thomas D. Miner and William C. Kelly—Ginn, 1967, 165 p., illus., paper, \$1.76. Offers 69 experiments stressing the investigating and problem-solving functions of the laboratory.

## FREE BOOK!

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**LASER SYSTEMS AND APPLICATIONS**—Herbert A. Eliot, foreword by T. H. Maiman—Pergamon Press, 1967, 624 p., illus., \$22.50. Text and reference volume, discusses in depth many promising applications of the laser; half the book consists of special bibliography on lasers by subject matter and author.

**PHYSICS FOR HIGH SCHOOL**—William C. Kelly and Thomas D. Miner—Ginn, 1967, 726 p., illus., \$7.64. Text stresses basic concepts, presents physics as a unified subject with interdependent ideas and as a developing laboratory-based subject.

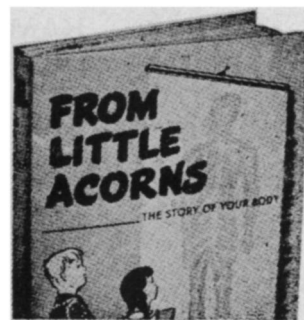
**THE PHYSICS OF ELECTROLUMINESCENT DEVICES**—P. R. Thornton—Spon Ltd. (Barnes & Noble), 1967, 382 p., illus., \$14.50. An integrated, advanced text that discusses the new developments in some depth in relation to the more classical electroluminescent materials.

**PROPERTIES OF ELECTRICAL ENGINEERING MATERIALS**—G. C. Jain—Harper, 1967, 381 p., diagrams, \$12.95. A text designed to give insight into the fundamentals of solid-state theory, requiring no other background than modern sophomore physics and some knowledge of differential and integral calculus.

**RADIOISOTOPE EXPERIMENTS FOR SCHOOLS AND COLLEGES**—J. B. Dance—Pergamon Press, 1967, 200 p., plates, diagrams, \$5; paper, \$3.50. This book of experiments demonstrates that a reasonably complete elementary course can be given using only naturally occurring radioisotopes and a few sealed sources of artificially produced nuclides.

**STRUCTURE AND HABIT IN VERTEBRATE EVOLUTION**—G. S. Carter—Univ. of Washington Press, 1967, 520 p., illus., \$9.50. Intended for the advanced zoology student, the text deals primarily with the major changes in vertebrate evolution, those that took place at the origin of each of the major types of vertebrates, the classes.

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