

# Books of the Week

For the editorial information of our readers, books received for review are listed. For convenient purchase of any U. S. book in print, send a remittance to cover retail price (postage will be paid) to Book Department, Science Service, 1719 N Street, N.W., Washington 6, D. C.

**ANATOMY AND PHYSIOLOGY**—Diana Clifford Kimber, Carolyn E. Gray and Caroline E. Stackpole; 14th ed. rev. by Lutie C. Leavell—*Macmillan*, 779 p., illus., \$6.95. Formerly titled *Textbook of Anatomy and Physiology*, brought up to date.

**ANTENNA ENGINEERING HANDBOOK**—Henry Jasik, Ed.—*McGraw*, 1,040 p., illus., \$22. Readily accessible source of basic information for antenna design specialists, electronics engineers and systems engineers.

**ATLAS OF THE OTHER SIDE OF THE MOON**—N. P. Barabashov, A. A. Mikhailov and Yu. N. Lipskiy, Eds., transl. from Russian by Leon Ter-Oganian—*Acad. of Science of the USSR (Pergamon)*, 141 p., 30 full-page illus., \$7. Results of a reconstruction of the first Russian photographs of the back side of the moon, with detailed catalogue describing objects found.

**AUGUSTINE TO GALILEO**. Vol. I: Science in the Middle Ages, V-XIII Centuries. Vol. II: Science in the Later Middle Ages and Early Modern Times, XIII-XVII Centuries—A. C. Crombie—*Harvard Univ. Press*, 2nd ed., 296 p., 380 p., illus., \$5.50 per set. Reissue of standard work on medieval scientific thought.

**CHEMISTRY FOR THE SPACE AGE**—Dan Q. Posin—*Lippincott*, 680 p., illus., \$5.60. Lively introduction to chemistry with tests, application exercises and problems to solve, following each of the 62 sections.

**COLLEGE ALGEBRA**—Paul K. Rees and Fred W. Sparks—*McGraw*, 4th ed., 428 p., \$6.50. Retains informal style with new subjects added.

**CORK AND THE CORK TREE**—Giles B. Cooke—*Pergamon*, 121 p., illus., \$7.50. Single source of general information about cork, including history, botanical characteristics, physical properties, chemical composition, manufacture and production data.

**CRIME AND JUVENILE DELINQUENCY: A Rational Approach to Penal Problems**—Sol Rubin, foreword by Hermann Mannheim—*Oceana*, 2nd ed., 248 p., \$5; paper \$1.85. Penologist's analysis of correctional problems, with a critical look at legislation and court procedure.

**ELECTRICAL ENGINEERING**—S. B. Hammond

## HI-POWER OCULAR \$2.50 p.p.

3 Lens, corrected, positive. EFL 12.5 mm (½ inch). 20X; f 2.8; 1¼" O.D. mount. Lens unit by world famous (100% American) mfr. Balcoted. Limited stock at this price of \$2.50 p.p.

**HARRY ROSS** Scientific & Lab Apparatus  
61-L Reade St., N.Y. 7, N.Y.

## YOUR SKIN AND ITS CARE

By H. T. Behrman, M. D., and O. L. Levin, M.D.

Two dermatologists give you the up-to-date scientific facts. They tell you in detail exactly what to do to beautify and improve your skin, how to avoid or correct skin disorders; and how to deal with many skin problems as: Daily care of the face—allergies—cosmetics—pimples—blackheads—acne—whiteheads—cysts—boils—oily skin—dry skin—chapping—poison ivy—cold sores—hives—superfluous hair—ringworm—moles—birthmarks—scars—warts—tumors—skin cancer—excessive sweating—etc., etc.

"The type of book to which the physician can refer his patients." — *Journal of the American Medical Association*.

Price \$3.50 Postpaid • 5-Day Money-Back Guarantee  
EMERSON BOOKS, Inc., Dept. 299-M  
251 W. 18th Street, New York 11

—*McGraw*, 566 p., illus., \$8.75. Modern textbook for engineering students majoring in other areas of engineering.

**EXPLORING MATHEMATICS ON YOUR OWN**—Donovan A. Johnson and William H. Glenn—*Doubleday*, 303 p., illus., \$4.50. More than 400 mathematical puzzles, games and problems designed to stimulate student's interest, first published in pamphlet form by *Webster* in 1960.

**GEMSTONES AND MINERALS: How and Where to Find Them**—John Sinkankas—*Van Nostrand*, 387 p., illus. by author, photographs, \$8.95. Practical information on gem collector's field work, with basic background on rock classes, field features of mineral deposits and how they are formed.

**GOURMET COOKERY FOR A LOW-FAT DIET**—Elise Cavanna and James Welton—*Prentice-Hall*, rev. ed., 174 p., \$3.50. Tasty recipes avoiding not only butter but all oils, fats and egg yolk.

**A HISTORY OF FIREARMS**—Harold L. Peterson—*Scribner*, 58 p., illus. by Daniel D. Feaser, \$3.50. Well illustrated short history for young people.

**HOW DOES IT WORK?**—Richard M. Koff—*Doubleday*, 288 p., illus. by author and Richard E. Rooman, \$3.95. Alphabetically arranged, tells in simple terms how gadgets and household machinery are made to work, from aerosols to zippers.

**THE HYPOTHALAMUS OF THE CAT: A Cytoarchitectonic Atlas in the Horsley-Clarke Coordinate System**—Ruth Bleier, M.D.—*Johns Hopkins Press*, 109 p., 11 x 15 inch., illus., \$15. Detailed description, documented by 30 photomicrographs at a magnification of 22, of importance to workers in fields concerned with the central nervous system.

**INTRODUCTION TO ENGINEERING MECHANICS**—John V. Huddleston—*Addison-Wesley*, 493 p., illus., \$9.75. Emphasizes the fundamentals of mechanics in a one-year course.

**INTRODUCTION TO GEOMETRY**—H. S. M. Coxeter—*Wiley*, 443 p., illus., \$9.95. Attempts to revitalize interest in geometry, presenting four years of college work, the unifying thread being the idea of a group of transformations or symmetry.

**INTRODUCTION TO SOIL MICROBIOLOGY**—Martin Alexander—*Wiley*, 472 p., illus., \$9.50. Blends the practical interests of the agronomist and the more theoretical concerns of the microbiologist in the treatment of microbial ecology, the carbon and the nitrogen cycle, mineral transformations, and ecological interrelationships.

**AN INTRODUCTION TO THE THEORY AND PRACTICE OF TRANSISTORS**—J. R. Tillman and F. F. Roberts—*Wiley*, 340 p., illus., \$8. One-volume treatment to provide quantitative understanding of the physical effects on which minority-carrier transistors depend for their electrical behavior.

**6-IN-1 ONLY MACHINE OF ITS KIND!**

**UNIMAT**

Compact workshop for all metal, plastic, wood.

Precision lathe, milling machine, drill press, surface grinder, polishing/grinding machine, portable drill. Choice of 3 models from \$64.50. WRITE FOR FREE CATALOG AND BUDGET PLAN.

AMERICAN EDELSTAAL, INC.  
Dept. OI, 350 Broadway, New York 13, N. Y.



**INTRODUCTORY CHEMISTRY**—Otto W. Nitz—*Van Nostrand*, 2nd ed., 631 p., illus., \$7.95. College chemistry textbook for liberal arts students.

**JEDDITO 264: Report No. 7 of the Awatovi Expedition**—Hiroshi Daifuku—*Peabody Mus.*, 96 p., illus., paper, \$4.85. On the excavation of a Basket Maker III-Pueblo I site in northeastern Arizona.

**JOURNAL OF STRUCTURAL CHEMISTRY**, Vol. I, No. 1—G. B. Bokii, Ed.; transl. from Russian "Zhurnal Strukturnoi Khimii," Vol. I, No. 1, May-June, 1960—*Consultants*, 120 p., illus., paper, \$20; annual subscription, \$80. Translation from page-proofs to assure prompt coverage of Soviet research on the molecular structure of matter.

**KINETICS AND CATALYSIS**, Vol. I, No. 1—G. K. Borekov, Ed.; transl. from Russian "Kinetika i Kataliz." Vol. I, No. 1, May-June, 1960—*Consultants*, 162 p., illus., paper, \$35; annual subscription, \$150. Complete translation of new publication of the Academy of Sciences of the USSR.

**LIMITS OF ALLOWABLE CONCENTRATIONS OF ATMOSPHERIC POLLUTANTS**, Book 4, 1960—V. A. Ryazanov, Ed., transl. by B. S. Levine—*OTS*, 123 p., paper, \$2.75. Collection of technical reports related to the determination of allowable atmospheric concentration in the USSR.

**MEN IN SPACE: Profiles of the Leaders in Space Research, Development and Exploration**, Vol. II—Shirley Thomas—*Chilton Co.*, 238 p., photographs, \$3.95. Biographical sketches of space pioneers, among them A. Scott Crossfield, Hugh L. Dryden, William H. Pickering and Fred L. Whipple.

**PARACHUTIST'S SPIN PROBLEM**—Otto Walchner and Frank Sawyer—*ARL (OTS)*, 12 p., illus., paper, 50¢. See story p. 29.

**PLASTIC FLOW AND FRACTURE IN SOLIDS**—Tracy Y. Thomas—*Academic*, 267 p., \$8.50. Based on work done in the last five years on the growth and decay of discontinuities in continuous media.

**PRESERVING HUMAN VALUES IN AN AGE OF TECHNOLOGY: The Franklin Memorial Lectures**, Vol. IX—Edgar G. Johnston, Ed.—*Wayne State Univ. Press*, 132 p., \$4. Includes lecture by Edward U. Condon on "The Challenge of Science to Human Values."

**PROBABILITY: A First Course**—Frederick Mosteller, Robert E. K. Rourke and George B. Thomas, Jr.—*Addison-Wesley*, 319 p., \$5. Introduces each new concept through examples and offers exercises with each section.

**SOUTHERN CALIFORNIA GARDENS: An Illustrated History**—Victoria Padilla—*Univ. of Calif. Press*, 359 p., illus., \$10. Brings together from many sources a complete picture of the development of ornamental horticulture in Southern California, describing both persons and plants.

**STATE ACTION TO IMPLEMENT MEDICAL PROGRAMS FOR THE AGED: Staff Report—Special Committee on Aging**, U.S. Senate—*GPO*, 72 p., paper, 35¢. Results of survey of the effectiveness of the Federal-State Kerr-Mills program of grants-in-aid for medical assistance for the aged.

**STRONTIUM 90 IN MILK AND AGRICULTURAL MATERIALS IN THE UNITED KINGDOM, 1959-1960**—Agricultural Research Council Radiobiological Laboratory—*Her Majesty's Stationery (Brit. Inform. Serv.)*, 81 p., paper, 95¢. Survey of animal bones, and experimental studies.

**TAXONOMIC KEYS TO THE COMMON ANIMALS OF THE NORTH CENTRAL STATES: Exclusive of the Parasitic Worms, Insects and Birds**—Samuel Eddy and A. C. Hodson—*Burgess*, rev. 3rd ed., 162 p., illus., paper, \$3.25. Abbreviated aid in classification, with bibliography to the more important reference works.

• Science News Letter, 80:28 July 8, 1961