

books OF THE WEEK

Listing is an editorial service for readers' information. For convenient purchase of any book listed or any U.S. book in print, remit retail price (we pay postage) plus 25c handling charge if price is less than \$2 to Book Order Service, Science News, 1719 N. St., N.W., Washington, D.C. 20036. Prices subject to publishers' changes. Be sure to include zip code in your address.

ADVANCES IN PARTICLE PHYSICS, Vol. 2—R. L. Cool and R. E. Marshak, Eds.—Interscience Pubs., 1968, 734 p., diagrams, \$24.95. Contains comprehensive review articles on recent developments in boson resonances, baryon resonances, nonleptonic weak interactions, and the Goldstone theorem and broken symmetries.

AGENDA FOR THE NATION—Kermit Gordon, Ed.—Brookings Institution, 1968, 620 p., \$6.95. Presents 18 essays analyzing the problems of some of the urgent issues which will confront the new Administration and Congress in 1969, in both the domestic arena and in foreign policy.

ALGAE, MAN AND THE ENVIRONMENT: Proceedings of International Symposium, 1967—Daniel F. Jackson, Ed.—Syracuse Univ. Press, 1968, 554 p., illus., \$18. Interdisciplinary discussion of fundamental data regarding algal cytogenetics, physiology and taxonomy, information essential to the formulation of a sound management program regarding algae and other aspects of applied phycology.

ALGEBRA: A New Way of Looking at Numbers—Jean Laity Holton—Weybright & Talley, 1968, 128 p., diagrams, \$4.50. Moving from simple arithmetic to advanced algebra in a readable yet instructive way, the author shows why the laws of mathematics developed as they did.

ANIMAL MECHANICS—R. McNeill Alexander—Univ. of Wash. Press, 1969, 346 p., illus., \$9.50. Chapters deal in alternating sections with mechanics and related zoological investigations, presenting zoological topics that illustrate engineering problems in force and energy, joints, elasticity and viscosity, strength, pressure, motion in fluids, and vibrations.

BALEIA! BALEIA! Whale Hunters of the Azores—Bernard Venables—Knopf, 204 p., photographs, drawings by author, maps, \$6.95. A lively account of today's whalers in the Azores and their pursuit of the great sperm whale with hand harpoons and lances as in the days of their Portuguese ancestors.

BIOLOGICAL INTERFACES: Flows and Exchanges—New York Heart Assn. Symposium, Francis P. Chinard, Chmn.—Little, Brown, 1968, 326 p., illus., \$7.50. Research papers deal with transcapillary exchanges, models and model membranes, the physical chemistry of interfacial transport, and transport across cell membranes.

BREEDING LABORATORY ANIMALS—Gloria R. Mosesson and Sheldon Scher—Sterling Pub. Co., 1969, 128 p., color plates, photographs, \$5.95. Discusses how to set up a breeding laboratory and maintain the quality of the stock through proper feeding and cleanliness, deals with mouse, rat, hamster, gerbil, guinea pig and rabbit.

CENTRAL PARK COUNTRY: A Tune Within Us—Mireille Johnston, foreword by David Brower, introd. by Marianne Moore—Sierra Club, 1968, 151 p., photographs by Nancy and Retta Johnston, \$25. Depicts the joys of outdoor activities reflected in the rhythm and faces of New Yorkers in their big city park.

THE CHEMICAL FORMULARY, Vol. XIV—H. Bennett, Ed.-in-Chief—Chemical Pub. Co., 1968, 373 p., \$8. A collection of practical commercial formulae and recipes for making wide variety of products in many fields of industry.

CONCISE ENCYCLOPEDIA OF ASTRONOMY—Paul Muller, introd. by C. W. Allen—Follett Pub. Co., 1968, 281 p., illus., \$3.95; paper, \$2.95. Handy, popular reference for those interested in astronomy, terms range from "aberration, annual, of a star" to "Zond 3," the Russian spacecraft.

LANGUAGES? Easy!

Listen & Learn. Only course designed for travel, everyday life. 3 12" records, full of practical phrases, English & language recorded. Full manual with record text, phonetic transcription. Separate sets: Spanish, French, German, Italian, Russian, Japanese, Portuguese, Greek, Hebrew. \$5.95 each. Money-back guarantee. Dept. SNL, Dover, 180 Varick St., N.Y., N.Y. 10014

CONCRETE CONSTRUCTION HANDBOOK—Joseph J. Waddell, Ed.-in-Chief—McGraw-Hill, 1968, 898 p., 616 illus., \$27.50. Ready reference source of information on the mixing, placing and curing of specification-quality concrete. Each of the 48 chapters presents the experience and recommendations of an authority in his particular area.

EDUCATION AND ECSTASY—George B. Leonard—Delacorte Press, 1968, 239 p., \$5.95. Deals with the joy and unity of learning and living, and discusses some practical ways in which schools might stimulate new learning experiences.

ENGINEERS AND ENGINEERING IN THE RENAISSANCE—William Barclay Parsons, new introd. by Robert S. Woodbury—M.I.T. Press, 1968, rev. ed., 661 p., illus., \$12.50. Richly illustrated work, first published in 1939, calls attention to the technical achievements in civil engineering, mining, river control, canal and bridge building and structural engineering on the continent of Europe.

ETHICAL ISSUES IN MEDICINE: The Role of the Physician in Today's Society—Robin F. Badgley and others; E. Fuller Torrey, M.D., Ed.—Little, Brown, 1968, 433 p., \$7.50. Twenty essays, from different points of view, help clarify and identify the human, moral and ethical conflicts the modern physician must face.

GAS PHASE CHROMATOGRAPHY OF STEROIDS—K. B. Eik-Nes and E. C. Horning—Springer Verlag, N.Y., 1968, 382 p., illus., \$9.50. Discussion of some of the highlights and advances in the separation and estimation of steroids by the techniques of gas phase chromatography developed during the past five years.

HOW DID YOU THINK OF THAT? An introduction to the Scientific Method—David H. Killefer—Doubleday, 1969, 153 p., \$4.50. The author shows how the simple process of reasonable thought is used step-by-step in problem solving and in examining industrial problems of all kinds.

AN ILLUSTRATED GUIDE TO MEDICAL TERMINOLOGY—Helen R. Strand—Williams & Wilkins, 1968, 109 p., drawings, paper, \$5.75. Uses graphic approach for a simple and concise presentation of the subject, intended for medical secretaries and others who use medical terms.

AN INTERDISCIPLINARY INDEX OF STUDIES IN PHYSICS, MEDICINE AND MUSIC RELATED TO THE HUMAN VOICE—Wallace Heaton and C. W. Hargens—Theodore Presser Co., 1968, 61 p., illus., \$6. Twelve classifications of references in the field of vocal research with introductions by the editors.

INTERNATIONAL CONGRESS ON SUBSONIC AERONAUTICS—D. C. Hazen and W. Z. Stepniewski, Eds.—N.Y. Acad. of Sciences, Annals, Vol. 154, Art. 2, 872 p., illus., paper, \$20.50. Research papers deal with the aerodynamics of subsonic propulsion, boundary layers, and V/STOL.

INVITATION TO NUMBER THEORY—Oystein Ore—Random House, 1969, 129 p., paper, \$1.95. Designed to help readers appreciate the fascinating properties of numbers and induce them to discover some number relations of their own.

LABORATORY ANATOMY OF THE FROG—Raymond A. Underhill—Brown, Wm. C., 2nd ed., 34 p., illus. by Carl Peterson and Lewis E. Jones, paper, \$1.95. Revised edition contains new chapter on external anatomy and skin with additional drawings.

LOOKING AT MY HEART—Philip Blaiberg—Stein & Day, 1969, 192 p., photographs, \$5.95. Autobiographical narrative of the experiences that led up to and followed the first successful heart transplant just a year ago.

MANUAL OF THE VASCULAR FLORA OF THE CAROLINAS—Albert E. Radford, Harry E. Ahles and C. Ritchie Bell—Univ. of N.C. Press, 1968, 1183 p., pen drawings by Marion Seiler, \$19.75. Based on systematic field work, the manual contains diagnostic illustrations, keys, detailed descriptions and data, distribution and pertinent synonymy for each species known to grow without cultivation in the two-state area.

MATHEMATICAL SNAPSHOTS—H. Steinhaus—Oxford Univ. Press, 1969, 3rd ed., 311 p., illus., \$7.50. Revised and enlarged edition demonstrates

mathematical phenomena through the use of photographs and diagrams, ranging from simple puzzles to advanced problems in mathematics.

THE MIRROR OF BRASS: The Compensation and Working Conditions of College and University Administrators—Mark H. Ingraham with Francis P. King—Univ. of Wis. Press, 1968, 336 p., \$6; paper, \$2. A comprehensive study of the total compensation, both in salary and in fringe benefits, of the presidents and chief administrative officers in U.S. colleges and universities.

MODERN FERTILITY GUIDE: Practical Advice for the Childless Couple—Marie Pichel Warner, M.D.—Funk & Wagnalls, 1969, 244 p., drawings, \$5.95. A woman doctor explains in nontechnical language the various causes and treatment of infertility.

MONARCH OF DEADMAN BAY: The Life and Death of a Kodiak Bear—Roger A. Caras—Little, Brown, 1969, 185 p., illus., \$4.95. The story of an Alaskan brown bear, a legendary man-killer, and his struggle for survival.

NOTES ON COBORDISM THEORY—Robert E. Stong—Princeton Univ. Press, 1968, 410 p., diagrams, paper, \$7.50. Preliminary informal notes of university courses and seminars, intended for graduate and research level work.

NUCLEAR SCIENCE IN MAINLAND CHINA: A Selected Bibliography—Chi Wang—Library of Congress (GPO), 1968, 70 p., paper, 70c. Consists of a selection of titles of research reports, studies, articles and other informative materials in the collections of the Library of Congress.

PETISHISM: Pets and Their People in the Western World—Kathleen Szasz—Holt, 1969, 262 p., \$5.95. In this discussion of Western man's growing obsession with pet animals and proliferating humane societies, the author sees an alarming social phenomenon in which pet relationships are preferred to those with human beings.

PHYSICS OF NEGATIVE VISCOSITY PHENOMENA—Victor P. Starr—McGraw-Hill, 1968, 256 p., diagrams, \$9.95. Discussion of the actual existence of a negative turbulent viscosity in fluids under certain circumstances, for readers with background in classical physics without specialized competence in hydrodynamics.

POPULATION BIOLOGY AND EVOLUTION: Proceedings 1967—Richard C. Lewontin, Ed.—Syracuse Univ. Press, 1968, 205 p., illus., \$8. Papers by leading geneticists, ecologists and developmental biologists viewing their special field from the general standpoint of population biology and its particular problems.

PROCEEDINGS OF THE 1968 INSTITUTE IN TECHNICAL AND ORGANIZATIONAL COMMUNICATION—Halbert E. Gullely and F. Floyd Shoemaker, Eds.—Co-Directors—ITOC Colorado State Univ., 1968, 169 p., illus., paper, \$6. Topics of papers range from communication and change in the present ethnic crisis to unusual highlights of unconscious communication.

SINGULAR POINTS OF COMPLEX HYPER-SURFACES—John Milnor—Princeton Univ. Press, 1969, 122 p., diagrams, paper, \$3.25. This topological study introduces a fibration which is associated with each singular point, developing a fibration theorem for real singularities.

A SOURCE BOOK IN MATHEMATICS, 1200-1800—D. J. Struik, Ed.—Harvard Univ. Press, 1969, 427 p., diagrams, \$11.95. Of interest to historians of science and all those concerned with the origins and growth of mathematics, the book contains 75 selections from the writings of Western mathematicians.

How to Argue and Win!



Here is a clear simply written basic guide to logical thinking, showing how to spot the fallacies, the prejudices and emotionalism, the inappropriate analogies, etc., in the other fellow's argument and how to watch for and avoid the irrational in your own judgments. The author makes plain not only *how* but also *why* people resist facing the truth.

A tool for clear thinking as well as for convincing others. ORDER NOW: THE ART OF ARGUMENT By Giles St. Aubyn \$3.95 Postfree 10-Day Money-Back Guarantee EMERSON BOOKS, Inc., Dept. 49-S 251 West 19 Street, New York, N.W. 10011

AUTHORS WANTED BY NEW YORK PUBLISHER

Your book can be published, promoted, distributed by a reliable company on a subsidized basis. Fiction, non-fiction, poetry, scholarly, scientific and even controversial manuscripts welcomed. For Free Booklet write Vantage Press, Dept. TB, 120 W. 31 St., New York 10001.