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ABOUT VECTORS—Banesh Hoffmann—Dover, 1975, 144 p., diagrams, paper, \$2.50. Unabridged, corrected republication of original (1966) edition. Contains 386 exercises.

ARCTIC PASSAGE: The Turbulent History of the Land and People of the Bering Sea, 1697-1975—William R. Hunt—Scribner, 1976, 415 p., photographs, illus., map, \$12.95. Pieces together from the actual records of natives, explorers, prospectors, entrepreneurs, scientists, and fishermen the great saga of this northern bridge between continents.

ASTRIDE THE TWO CULTURES: Arthur Koestler at 70—Harold Harris, Ed.—Random, 1976, 238 p., drawings, \$10. Essays deal with Koestler's contributions to the study of evolution, biology and parapsychology, they assess his influence in many different fields—as a writer, scientist, philosopher and man.

BEYOND CULTURE—Edward T. Hall—Anchor/Doubleday, 1976, 264 p., \$7.95. Social anthropologist considers the extensions man has evolved for himself—language, tools and institutions, how these extensions have evolved lives of their own which threaten people's sense of worth, their self-image, because they are in control of so little.

BIOLOGICAL MEMBRANES: Twelve Essays on Their Organization, Properties and Functions—D. S. Parsons, Ed.—Oxford U Pr, 1975, 215 p., illus., tables, \$16.50. Monograph is based on a series of lectures emphasizing the dynamic nature of the structure of membranes and of the processes underlying energy transduction within membranes and translocation through them.

THE BIOLOGY OF PLANT PHENOLICS—J.R.L. Walker—Arnold (Crane-Russak), 1975, 64 p., illus., paper, \$3. Provides general introductory view of this area of biochemistry, with final chapter on experimental investigations of flower pigments and plant and fungal enzymes that attack phenolics.

BIRDS OF THE ANTARCTIC AND SUB-ANTARCTIC—George E. Watson with J. Philip Angle and Peter C. Harper—Am Geophysical Union, 1975, 360 p., color plates, illus. by Bob Hines, maps, tables, \$15. Field-guide discusses biology and distribution, and provides identification information on all recorded species of the area, covering waters, land and islands.

BLACK HOLES IN SPACE—Patrick Moore and Iain Nicolson—Norton, 1976, 128 p., diagrams, \$7.95. Astronomers' highly readable account of the formation and implications of the recently developed theory of collapsing stars and the regions where matter disappears from the universe into "black holes."

THE CENTENARIANS OF THE ANDES—David Davies—Anchor/Doubleday, 1975, 164 p., photographs, maps, \$6.95. Study made by gerontologist of the oldest authenticated living people found in the world today, the inhabitants of a number of villages in southern

Ecuador, some of whom lead an active life at 140.

CHEMICAL TABLES—Béla A. Németh, transl. from Hungarian—Halsted Pr, 1976, 477 p., 256 tables, \$27. Intended to provide chemists and their laboratory technicians with an easily transportable yet useful handbook as a tool in their work and calculations.

CHEMISTRY, BIOLOGY AND CLINICAL USES OF NUCLEOSIDE ANALOGS—Alexander Bloch, Ed.—N Y Acad of Sci, Annals Vol. 255, 1975, 610 p., diagrams, paper, \$46. Results of conference assessing what has been achieved in the field of nucleoside analogs, what current progress is being made, and what role nucleoside analogs will play in the future.

CHILDHOOD IN CHINA—William Kessen, Ed.—Yale U Pr, 1975, 256 p., photographs, \$12.50; paper, \$3.95. Report of an American delegation of experts in child development on what they observed about the training of Chinese children at home, in nurseries and primary schools, as well as in middle school laboratories.

COMPUTER POWER AND HUMAN REASON: From Judgment to Calculation—Joseph Weizenbaum—W H Freeman, 1976, 300 p., \$9.95. Combines social and ethical concerns with competence in exact science, appraises realistically the power of the computer, the difference between man and machines, and considers those tasks which computers *ought* not be made to do, even if they could.

DANGEROUS TO MAN: The Definitive Story of Wildlife's Reputed Dangers—Roger A. Caras—HR&W, 1975, rev. ed., 430 p., photographs, tables, \$15. Revised to incorporate new biological information on animal behavior and venomousness; covers mammals, birds, reptiles, amphibians, fish and invertebrates. Extensive bibliography included.

DEEP WATER, ANCIENT SHIPS: The Treasure Vault of the Mediterranean—Willard Bascom—Doubleday, 1976, 240 p., photographs, illus. by author, maps, \$8.95. Professional oceanographer describes techniques and equipment devised for deep-water archaeological excavations and the insights into maritime history this research provides.

DIAGNOSTIC ULTRASOUND: An Introduction to the Interactions between Ultrasound and Biological Tissues—Matthew Hussey—Wiley-Interscience, 1975, 260 p., diagrams, \$26.50. Written primarily for clinical users of ultrasound—radiologists, gynecologists, neurologists, cardiologists and ophthalmologists—and of interest to microbiologists and cancer researchers.

A DICTIONARY OF ENTOMOLOGY—A.W. Leftwich—Crane-Russak, 1976, 368 p., \$17.50. Describes nearly 3,000 species of insects, in particular those of agricultural, medical and veterinary importance; contains an additional 1,000 definitions of families and terms relating to the anatomy and physiology of insects.

DR. FINNESON ON LOW BACK PAIN—Bernard E. Finneson, M.D. and Arthur S. Freese—Putnam, 1975, 254 p., drawings, \$7.95. Neurosurgeon provides full discussion of the human back, and what brings about low back dysfunction; discusses each back problem and evaluates each of the various methods of treatment. Professionally up to date and easy to read.

ENERGY, Vol. 2: Non-Nuclear Technologies—S. S. Penner and L. Icerman—A-W,

Advanced Book Program, 1975, 703 p., diagrams, maps, \$19.50; paper, \$13.50. Lecture notes deal with *new* developments such as oil recovery from tar sands and oil shale, coal gasification, hydrogen production, energy storage systems, direct energy conversion, solar, tidal and wave energy, hydrothermal and geothermal energy.

THE FRONTIERS OF KNOWLEDGE: The Frank Nelson Doubleday Lectures, 1972-1975—Foreword by Brooke Hindle—Doubleday, 1975, 410 p., illus., \$15. Lectures given at the Smithsonian Institution cover a wide spectrum of topics, from literature in the age of technology, technology and evolution, creativity in modern industry, collective consciousness in making the environment, to moon as threshold.

GAZE AND MUTUAL GAZE—Michael Argyle and Mark Cook—Cambridge U Pr, 1976, 221 p., illus., tables, \$18.50. Presents scientific research in the field of gaze, studies in social behavior and perception of different patterns of the use of eyes to study and signal the behavior of others.

GOOD THINGS ARE HAPPENING—Ronald Rood—Greene, 1975, 186 p., photographs, \$7.95. Naturalist describes informally what he found a variety of people and groups *doing* about problems of conservation in their own neighborhood environments across the country.

GROWTH RHYTHMS AND THE HISTORY OF THE EARTH'S ROTATION—G.D. Rosenberg and S.K. Runcorn, Eds.—Wiley-Interscience, 1975, 575 p., photographs, diagrams, \$57. Uses the history of the earth's rotation as a unifying theme for a collection of papers on diverse aspects of geophysics, astronomy, paleontology and biology.

THE INTERNATIONAL BUTTERFLY BOOK—Paul Smart—T Y Crowell, 1975, 9x12, 275 p., color plates, drawings, maps, \$19.95. A guide to more than 2,000 species illustrated in full color with scientific descriptions by leading authority.

AN INVENTIVE UNIVERSE—K.G. Denbigh—Braziller, 1975, 220 p., \$8.95. Scientist, addressing the layman, presents a carefully reasoned analysis of time. His view of what "goes on" in time differs in its emphasis from that which is normally stressed in physical theory, making it possible to believe that there can be genuine novelty in the world's events and processes.

MATERIALS IN CHEMICAL PERSPECTIVE—K.L. Watson—Halsted Pr, 1975, 130 p., diagrams, \$9.95. Examines the nature of the basic classes of engineering materials—metals, ceramics, polymers—against a background of elementary chemistry.

THE MAZE OF INGENUITY: Ideas and Idealism in the Development of Technology—Arnold Pacey—Holmes & Meier, 1975, 350 p., diagrams, \$12.95. Deals with the history of technology between the Age of the great medieval cathedral builders and the close of the Industrial Revolution, and explores the changing ideas about purpose, methods, and discipline of "technical progress."

RIFT ZONES OF THE WORLD OCEAN—A.P. Vinogradov and G.B. Udintsev, Eds.; transl. from Russian—IPST (Wiley), 1975, 512 p., illus., maps, tables, \$55. Reports on data collected by Soviet research vessel expeditions, the 36th and 41st cruises of the "Vityaz" and the second cruise of the "Akademik Kurchatov."