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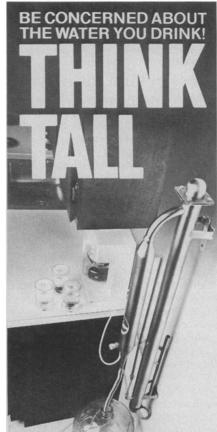
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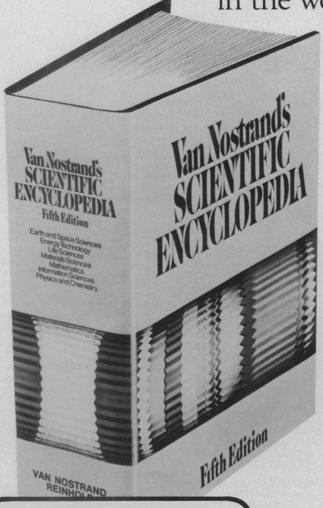
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ENGINEERING IN THE ANCIENT WORLD — J. G. Landels. Discusses technological achievements of the Greeks and Romans to give the general reader insight into the outstanding mechanical skills of these civilizations. Originally published in hardback in 1978. U of Cal Pr, 1981, 224 p., illus., paper, \$4.95. [2]

A FIELD GUIDE TO THE ATMOSPHERE-Vincent J. Schaefer and John A. Day. Provides the information for recognizing and identifying and also understanding and interpreting what can be seen, felt and measured in the dynamic ocean of air that surrounds the earth. For the amateur weather forecaster and anyone who wants to learn more about clouds, winds, precipitation, air pressure and other atmospheric phenomena. Detailed instructions are given for experiments that can be performed at home; advice is given for photographing clouds and other meteorological features. HM, 1981, The Peterson Field Guide Series No. 26, 359 p., illus., \$13.95. [3]

GENERAL RELATIVITY FROM A TO B-Robert Geroch. Explains for the general reader Einstein's general theory of relativity - what this theory is, how it works, what it has to say, what the physical phenomena are with which it deals and what its predictions and applications are. U of Chicago Pr. 1978, 225 p., illus., \$12.95, paper, 1981,

GENES, MIND, AND CULTURE: The Coevolutionary Process — Charles J. Lumsden and Edward O. Wilson. An attempt to develop a theory of gene-culture coevolution. The authors examine the steps that lead from genes through mind to culture and develop explicit models that connect individual mental development to culture and culture to genetic evolution. Harvard U Pr, 1981, 428 p., charts and graphs, \$20. [5]

GREEN WISDOM - Arthur W. Galston. These readable essays by an outstanding botanist demonstrate the remarkable behavioral strategies built into plants. Behavior is defined as the evolutionary development of response patterns that favor an organism for survival when challenged by potentially adverse environmental forces. Basic, 1981, 217 p., illus. by Lauren Brown, \$12.95. [6]

THE HERPES BOOK - Richard Hamilton. The herpes virus is one of the most prevalent viral diseases and does not respond to any currently known form of therapy; once a person is infected, the virus remains for life. This book provides basic information about herpes, tells how to cope with the virus and how to prevent or minimize its possible complications. JP Tarcher (HM), 1980, 206 p., \$9.95. [7]

IN THE BEGINNING — Isaac Asimov. Considers verses of the Bible line by line and word by word; discusses the content and meaning and compares them with the scientific view that pertains to the biblical passage. Emphasis on the first eleven chapters of Genesis. Crown, 1981, 234 p., \$10.95. [8]

LIFE BEYOND EARTH: The Intelligent Earthling's Guide to Life in the Universe — Gerald Feinberg and Robert Shapiro. A physicist and a biochemist use what is known about life on earth to infer essential features hat any form of life must possess. They then investigate how these general features might express themselves in the specific environments that are found in various parts of the universe. Morrow, 1980, 464 p., illus., \$16.95, paper, \$9.95. [9]

MATHEMATICAL CIRCUS: More Games, Puzzles, Paradoxes, & Other Mathematical Entertainments from Scientific American— Martin Gardner. Covers such topics as optical illusions, elegant triangles, Boolean algebra, cyclic numbers, the abacus and dominoes. Random, 1979, 272 p., illus., \$9.95, paper, 1981, \$4.95. [10]

MEDICINE AND THE REIGN OF TECH-NOLOGY — Stanley Joel Reiser. Describes some of the technological advances made in medicine and shows how those advances altered diagnostic methods and, in turn, the relationship between physician and patient. Cambridge U Pr, 1978, 317 p., illus., \$21.50, paper, 1981, \$8.95. [11]

NATIONAL PARKS OF THE U.S.A.-|ames V. Murfin. A photographic excursion through all 40 national parks, from the Great Smoky Mountains and the Shenandoah to the incomparable Yosemite and the newly founded Channel Islands, with text describing the facts, folklore and history of each. Mayflower Bks, 1981, 320 p., color illus., \$25. [12]

100 FAMILIES OF FLOWERING PLANTS-Michael Hickey and Clive King, foreword by S.M. Walters. Each of the 100 families is treated in two ways. First the family is considered as a whole - its world distribution, general characteristics, principal economics and ornamental plants—with mention of the larger or more important genera. The second part is devoted to the detailed description of a plant chosen as a typical representative of the family. Beautiful line drawings. Cambridge U Pr, 1981, 567 p., illus., \$66, paper, \$19.95. [13]

**101 PATENTED SOLAR ENERGY USES** 

Daniel J. O'Connor. Some practical, some whimsical, these patents show how 101 inventors harnessed the sun to solve 101 problems, from losing weight with a Turkish bath-type sweatsuit and improving a golf score with a golf-ball warmer to powering cars and generating heat and electricity. Van Nos Reinhold, 1981, 110 p., illus., paper, \$8.95. [14]

SEEDS OF DISCOVERY—W.I. B. Beveridge. A readable book about scientific discovery nontechnical aspects of research, the mental procedures that lead to discoveries. Discusses the creative process and ways of thinking, the role of chance, the test of time, science as enterprise, learning the art of research and characteristics that seem to be common to the exceptionally productive scientists. Norton, 1981, 130 p., illus., \$12.95. [15]

SPACE, TIME, AND GRAVITY: The Theory of the Big Bang and Black Holes—Robert M.

Wald. Presents our present-day ideas of space, time and gravity. Explains how, in Einstein's theory of general relativity, gravitation is described in terms of the curved geometry of spacetime. Discusses the implication of these ideas for the universe—its origin, evolution and large-scale structure—and examines gravitational collapse and black holes. U of Chicago Pr, 1977, 131 p., illus., \$10.95, paper, 1981,

THE UNDERGROUND HOUSE BOOK -Stu Campbell. Underground homes offer remarkable energy savings, minimal maintenance and revolutionary possibilities for siting. This book is a blend of theory with technical material, including drawings, tables and floor plans, as well as first-hand experiences of underground home architects, builders and dwellers. Garden Way Pub, 1980, 210 p., illus., paper, \$10.95. [17]

THE WHISPERINGS WITHIN: Evolution and the Origin of Human Nature - David Barash. This book is an invitation, according to the introduction, to explore the latest findings of genetics and ecology as applied to human behavior. "It is a speculative excursion into human sociobiology." Originally published in hardback by Harper & Row in 1979. Penguin, 1981, 274 p., \$4.95. [18]

THE ZOO THAT NEVER WAS - R. D. Lawrence. Tells of the adventures of the author and his wife as they inadvertently became keepers of a wild menagerie on their farm in Canada. These orphaned, injured and abandoned animals, included, among others, raccoons, a skunk, a lynx, a porcupine and a bear cub. HR&W, 1981, 308 p., illus., \$13.95. [19]

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