

BOOKS

BOOKS is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus 25¢ handling charge for each book to **BOOK ORDER SERVICE**, Science News, 1719 N. Street, N.W., Washington, D.C. 20036. All books sent postpaid.

THE ACTIVE PATIENT'S GUIDE TO BETTER MEDICAL CARE: Strategies for Working Together with Your Doctor—Stanley E. Sagov, M.D. with Archie Brodsky; foreword by Richard I. Feinbloom, M.D.—McKay, 1976, 316 p., \$10.95. Written by family-practice physician to promote a productive doctor-patient relationship, encourages patient to collaborate by giving and requesting relevant information.

THE CLIMBER'S SOURCEBOOK—Anne and Steven Schneider—Anchor/Doubleday, 1976, 350 p., photographs, drawings, paper, \$4.95. Compendium of practical information related to mountaineering in the United States, with state-by-state listings of rock-climbing schools, guides, training summer camps, guided expeditions, and equipment retailers.

FORECASTING IN CARDIOLOGY—E. Stoupe—Halsted Pr, 1976, 150 p., diagrams, tables, \$18. Discusses the principles, and the problems involved in mathematically selecting prognostic criteria, and describes and explains some particular aspects of actual cases of forecasting in cardiology.

TEXTBOOKS

ELEMENTARY PARTICLES AND SYMMETRIES—Lewis Ryder—Gordon, 1976, 276 p., diagrams, tables, \$22.50. Text presents some of the more significant advances in subnuclear physics in terms familiar to physics undergraduates.

FRONTIERS OF ASTROPHYSICS—Eugene H. Avrett, Ed.—Harvard U Pr, 1976, 562 p., photographs, diagrams, tables, \$20; paper, \$8.95. Intermediate-level text, also intended as a readable introduction to astrophysical research for those studying physics and astronomy at graduate level.

INTRODUCTION TO SOLID-STATE PHYSICS—Charles Kittel—Wiley, 1976, 5th ed., 599 p., illus., 50 tables, \$19.95. Modernized standard textbook, emphasizes simple models of solids, includes such new topics as magnetic bubbles, Gunn oscillators, solar cells, Alfvén waves, and thermo-electric effects.

PHYSICAL SCIENCE WITH MODERN APPLICATIONS—Melvin Merken—Saunders, 1976, 715 p., photographs, diagrams, \$15.95. Well-organized and interestingly written text for non-science majors. Instructor's Manual included.

PHYSICS: Foundations and Frontiers—George Gamov and John M. Cleveland—P-H, 1976, 3rd ed., 620 p., illus., \$14.95. Popular text designed for one-year course in introductory physics, revised to include many examples with a biological slant.

PLANT ANATOMY—Forrest F. Stevenson and Thomas R. Mertens—Wiley, 1976, 200 p., photographs, drawings, paper, \$4.95. Programmed self-teaching guide.

PROBLEM SOLVING FOR CHEMISTRY—Edward I. Peters—Saunders, 1976, 2nd ed., 326 p., paper, \$6. For the general chemistry student who wants to solve chemistry problems and understand the method he uses, retains auto-tutorial style in which student solves problems through a series of guided steps. Instructor's Manual included.

PROCESSED FOODS AND THE CONSUMER: Additives, Labeling, Standards and Nutrition—Vernal S. Packard, Jr.—U of Minn Pr, 1976, 370 p., tables, \$12; paper, \$5.95. Comprehensive reference and text, assembles in logical sequence what appears to be the scientific consensus at this time.

QUANTUM STATES OF ATOMS, MOLECULES AND SOLIDS—Michael A. Morrison, Thomas L. Estle and Neal F. Lane—P-H, 1976, 590 p., diagrams, \$25.50. Unified presentation of the application of quantum theory to electronic states in atoms, in diatomic molecules, and electrons in crystalline solids.

SPACE GEOLOGY: An Introduction—Elbert A. King—Wiley, 363 p., photographs, diagrams, tables, \$16.95. Textbook for a senior or first-year graduate-level course in astrogeology. Treats meteorites, tektites, craters, terrestrial impact craters, impact metamorphism, the moon, Mars, other planets, asteroids, and comets.

THE STUDY OF ANTHROPOLOGY—David E. Hunter and Phillip Whitten—Har-Row, 1976, 616 p., photographs, diagrams, maps, tables, glossary, \$12.95. A readable and graphically inviting text, treats prehistoric archaeology, physical anthropology, cultural anthropology, and linguistics, aimed to give the liberal arts student an anthropological perspective.

Show and tell ...professionally

High schoolers whose science fair exhibits won their way to the International Science and Engineering Fair at Denver this spring may already have learned some lessons about communicating science that many a professional has yet to learn. They have succeeded in a format that is catching on fast.

There is nothing sacred about standing up in front of a seated audience and delivering a lecture. Major professional gatherings now permit an alternative—poster sessions. Here the audience strolls by, sampling visually. When one sees something interesting, one stops. Conversation ensues at whatever level of depth the parties can handle. Information is traded. Boredom is minimized.

How to make your story stand up and attract interest can be learned young. *Good photography is a great help.* A big print can snap the passerby to attention and convey the heart of the matter. Good science that goes unnoticed might as well be bad science. That's reason enough for a career scientist to get into photography while still in high school.

Our package of photographic hints for science fair contestants is free for the asking from Kodak, Department 841, Rochester, N.Y. 14650.

