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 \$2.00 postage and handling charge for each book, to **Science News Books**, 1719 N St., N.W., Washington, DC 20036. To place Visa or MasterCard orders, call 1-800-544-4565. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

Computer Ethics: Cautionary Tales and Ethical Dilemmas in Computing — Tom Forester and Perry Morrison. Two computer instructors discuss moral issues surrounding computer use and abuse, covering such topics as software unreliability, computer crime, software theft, hacking, viruses, unmanageable complexity, invasions of privacy, and artificial intelligence. The book includes extensive notes and references, roleplaying exercises, and hypothetical situations. First published in hardcover in 1990. MIT Pr, 1992, 193 p., paperback, \$12.50.

Costing the Earth: The Challenge for Governments, the Opportunities for Business — Frances Cairncross. The environment editor for The Economist argues that successful environmental policies will encourage the inventive power of industry. Cairncross believes that government must encourage industry to develop technologies that make it profitable to be clean and unprofitable to be dirty. She describes a chemical company that has formed a special byproducts recycling team and a pharmaceutical company that converts nitrogen waste to fertilizer. Harvard Busn, 1992, 341 p., hardcover, \$24.95.

The Dangerous Edge: The Psychology of Excitement — Michael J. Apter. A professor of psychology explores the relationship between excitement and anxiety and between panic and euphoria, discussing the mechanism by which people allow themselves to take risks. Includes true stories and examples. Free Pr, 1992, 222 p., hardcover, \$22.95.

The Essential Guide to Vitamins and Minerals — Elizabeth Somer. A nutritionist and registered dietitian offers a listing of all vitamins and minerals, discussing their roles in various diseases and disorders and providing guidelines for choosing vitamin/mineral supplements and special diets. Includes a chapter on how medications, alcohol, and tobacco affect vitamin and mineral status, an appendix on "body basics," charts and tables of vitamin and mineral contents of selected foods, cholesterol content, suggestions for increasing dietary calcium, and guidelines for preserving vitamins and minerals during food preparation. HarperCollins, 1992, 403 p., hardcover, \$30.00.

To order by phone from Science News Books, call: 1-800-544-4565

(Visa or MasterCard Only)

The Fullness of Space: Nebulae, Stardust, and the Interstellar Medium — Gareth Wynn-Williams. This nontechnical account discusses where interstellar matter comes from, what it is made of, and how it collects to form new stars and planets. Illustrated with photographs and computer-generated images of nebulas, dust clouds, and galaxies. No prior knowledge of astronomy or physics required. Cambridge U Pr, 1992, 202 p., paperback, \$29.95.

The Science of Musical Sound — John R. Pierce. The author, a professor of music who has written books on music, technology, and electronic communications, offers a practical exploration of the sources of music production and the psychology of music perception. His descriptions of aspects of musical sound include the physical and mathematical properties of sound waves, the relationship of sound to music, the physical correlates of consonance and harmony, the phenomena of hearing and sound perception, and architectural acoustics. For professional and amateur musicians and recording technicians, and anyone interested in music's scientific foundations. W H Freeman, 1992, 270 p., paperback, \$19.95.

Staying Well: Your Complete Guide to Disease Prevention — Harvey B. Simon. An internist explains how you can understand your body — how it works, what threatens its smooth functioning, and how to fight back — as well as how to be certain of the tests and treatments you need and how to take control of your health. HM, 1992, 530 p., hardcover, \$22.95.



Prometheus Books, 1990, 271 pages, 6" x 9", paperback, \$16.95

Science News Books 1719 N Street, NW Washington, DC 20036 ClearThink

Please send _____ copy(ies) of Clear Thinking. I include a check payable to Science News Books for \$16.95 plus \$2.00 postage and handling (total \$18.95) for each copy. Domestic orders only.

Name	
Address	
City	
StateZip	
Daytime Phone ()	RB 1682

Clear Thinking is a lively introduction to the basic principles of critical analysis, illustrating how to evaluate evidence, isolate facts and employ logical reasoning skills in everyday situations. Using examples from real life, author Hy Ruchlis shows how to cut through the dense underbrush of arguments, opinions, clever diversions, contradictions, truths and falsehoods found daily in newspapers, in magazines, on television and in conversation. Enhanced by illustrations, vivid examples and questions to consider, Clear Thinking emphasizes the importance of careful reasoning and avoidance of common errors that cloud judgment.

Written in a stimulating, up-beat style, this fascinating work covers an intriguing array of topics: the nature of facts and how they are verified; the inner workings of problem solving; how mindsets, misconceptions and emotions confuse judgment and complicate our lives; how stereotypes, prejudice and discrimination affect the way we think and how we treat one another; the role of language and meaning in reasoning; how to spot reasoning errors in advertising; and many others.

-from the publisher

Clear Thinking

A Practical Introduction

By Hy Ruchlis with Sandra Oddo



"Let's join the Green crowd. It's bigger."

Written for young adults but useful to anyone wanting to brush up on reasoning skills!

SCIENCE NEWS, VOL. 142