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Complexity: The Emerging Science at the Edge of Order and Chaos—M. Mitchell Waldrop. A diverse group of scientists is attempting to create a new science called complexity. All have studied complex systems, in which many agents are constantly reorganizing, forming new emergent structures and engaging in new emergent behaviors. Waldrop, a physicist and science writer, describes their efforts to determine the fundamental laws of emergence and to find out how the universe manages to bring forth complex structures such as stars, planets, bacteria, plants, animals, and brains. S&S, 1992, 380 p., \$23.00.

The Essential Guide to Hiking in the United States: All Major Trails and Hiking Areas Including National and State Parks, Forests and Preserves—Charles Cook. A leader of hiking and wilderness tours has compiled this state-by-state listing of hiking trails, which includes resource information such as where to find maps, local hiking clubs, and a complete list of books for each area. For each trail, he describes the degree of hiking difficulty and the surrounding wilderness. With an introduction to hiking and information on proper clothing, medical emergencies, and how to minimize your impact on the environment. Kesend Pub Ltd, 1992, 228 p., paperback, \$18.95.

Fourfield: Computers, Art and the Fourth Dimension—Tony Robbin. The author describes how he applies mathematical principles and uses the computer as a creative tool to produce works of art in which rods extend from the canvas and their shadows present a visual experience of four dimensions. The book includes a pattern image of four-dimensional cubes and special glasses through which to view it. Also includes an order form for a diskette containing a number of the computer programs developed by Robbin as he explored the world of computers and art. With color and black-and-white illustrations. Bulfinch Pr, 1992, 198 p., hardcover, \$35.00.

Nature's Mind: The Biological Roots of Thinking, Emotions, Sexuality, Language, and Intelligence—Michael S. Gazzaniga. The co-developer of the right brain/left brain theory argues that our brains are built to process things in certain ways and no amount of education or training can take us beyond these built-in characteristics. Using selection theory, Gazzaniga offers explanations for such problems as drug addiction, alcoholism, hypersexed behavior, and compulsions. Basic, 1992, 220 p., \$25.00.

The Right Tools for the Job: At Work in 20th-Century Life Sciences—Adele E. Clarke and Joan H. Fujimura, eds. Focuses on how scientists define and construct the right tools for a job. Cases include lab systems used in evolutionary biology, the plasmid prep procedure used in molecular biology, the micromanometer in metabolic studies, taxidermy in natural history, and technical standardization in bacteriology. Princeton U Pr, 1992, hardcover, 365 p., \$35.00.

Savage Inequalities: Children in America's Schools—Jonathan Kozol. The author of *Rachel and Her Children* describes what is happening to children from poor families in the inner cities and the less affluent suburbs across the United States. He reveals how public schools are funded, describes schools that are falling apart and children who are being intellectually starved, and makes a plea for fairness and decency in the way we pay for the education of our children. HarperCollins, 1992, 262 p., paperback, \$10.00.

Virtual Reality—Howard Rheingold. A thorough overview of the history and status of virtual reality, a computer-generated technology that allows users to create, interact with, and alter a simulated environment. Rheingold explores virtual reality's potential applications in fields ranging from architecture to medicine, the technical obstacles faced by pioneers in virtual-reality research, and the myriad social implications of the ability to generate artificial realities. Touchstone Bks, 1991, 415 p., paperback, \$12.00.

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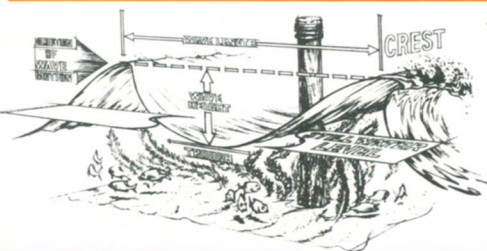
This book, with its beautiful four-color layout, explains the origins of waves, their breaking patterns and how objects move within them. The text is gracefully informative — with deluxe cross-sections of various kinds of waves — all in keeping with the lavish color photography and lyrical sections of the narrative.

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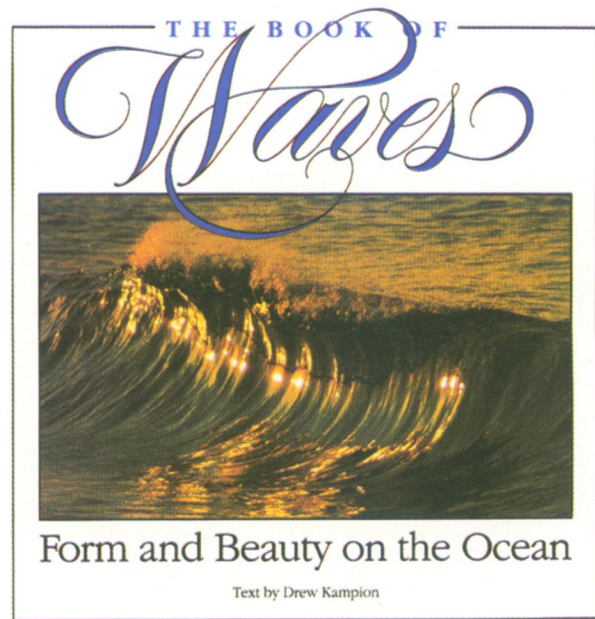
"If you've never seen the sun rise from inside the curve of a cresting wave, or surfed down a 25-foot tsunami, this book offers a vicarious experience of both."

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R. Rinehart Inc., 1991, 200 pages, 11 1/2" x 11 3/4", paperback, \$29.95



The anatomy of an ocean wave: Whatever the medium they move through, all waves share the same basic physical characteristics.



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