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**Black Holes & Time Warps: Einstein's Outrageous Legacy** — Kip S. Thorne. Einstein's Theory of Relativity begat quantum physics, which has led to revelations about curved spacetime that Einstein would never have thought possible. Thorne, a professor of theoretical physics, introduces the history and intricacies of quantum physics and these revelations by focusing on how physicists have proved the existence of black holes without having encountered one. He elaborates on the possible existence of wormholes, white dwarfs, gravitational waves, and even time machines with eloquent text and informative diagrams. Originally published in hardcover in 1994. Norton, 1995, 619 p., b&w illus. and photos, paperback, \$14.95.

**Catching the Light: The Entwined History of Light and Mind** — Arthur Zajonc. Why did the ancient Greeks have no words for blue or green? Why do blind people who receive cornea implants often have trouble seeing after their surgery? Zajonc, a quantum physicist, describes how light works, how it affects people, and how people have seen it, used it, and understood it through the ages. Originally published in hardcover in 1993. OUP, 1995, 388 p., paperback, \$12.95.

**A Field Manual for the Amateur Geologist: Tools and Activities for Exploring Our Planet** — Alan M. Cvancara. Aimed at people fascinated by rocks, fossil hunting, or their natural surroundings, and originally published in 1985, this updated guide provides useful information for experienced rock hounds as well as beginners. It introduces the core concepts, tools, and techniques of geology and explains how to identify various landforms, minerals, rocks, and fossils. The author, a retired geology professor, provides useful mineral and landform keys, a chapter on exploring the geology of national parks, and a list of geological museums. Wiley, 1995, 335 p., b&w photos and illus., paperback, \$14.95.

**A Mathematician Reads the Newspaper** — John Allen Paulos. Do sensational news stories about health risks or crime leave you paralyzed with fear? Do you suspect that journalists "fudge" statistics and lead you far from the truth? The author of *Innumeracy* proposes the ultimate protection against being duped by the media — basic mathematical knowledge. In a witty volume rich with anecdotes, Paulos leads his readers through the hidden mathematical angles of countless articles and demonstrates how mathematical naiveté puts readers at a distinct disadvantage. Basic Bks, 1995, 212 p., b&w illus., hardcover, \$18.00.

**Nano: The Emerging Science of Nanotechnology: Remaking the World** — Molecule by Molecule — Ed Regis. The author of *The Great Mambo Chicken* delves into the ultrawee, describing efforts to build ordinary objects from their atoms up, molecule by molecule. Physicist Richard Feynman conceived the idea, and some scientists envision the technology as giving people control over the structure of matter, enabling us to build any substance or structure that the laws of nature permit. But if science could turn grass clippings directly into sirloin steak, would we want to eat it? And would such power offer a remarkable new world or a rash step into a dangerous future? Little, 1995, 325 p., b&w photos, hardcover, \$23.95.

**Nature's Imagination: The Frontiers of Scientific Vision** — John Cornwell, ed. Fourteen scientists discuss why classic reductionism — the idea that one can understand the whole of a thing by examining and explaining each of its parts — has had its day. Today, they say, scientists are searching for a new paradigm to account for the whole, from individual persons to the universe itself. Contributors include Freeman Dyson, Gerald M. Edelman, and Oliver Sacks. OUP, 1995, 212 p., hardcover, \$23.00.

**Noah's Garden: Restoring the Ecology of Our Own Back Yards** — Sara Stein. Often, the perfectly groomed lawns and gardens synonymous with suburbia lack many of the elements crucial to maintaining a biologically diverse ecosystem, one in which insects, turtles, snakes, and birds can thrive. Stein explains how to bring the animals back to your yard while making your land beautiful and ecologically sound. Originally published in hardcover in 1993. HM, 1995, 294 p., illus., paperback, \$10.95.

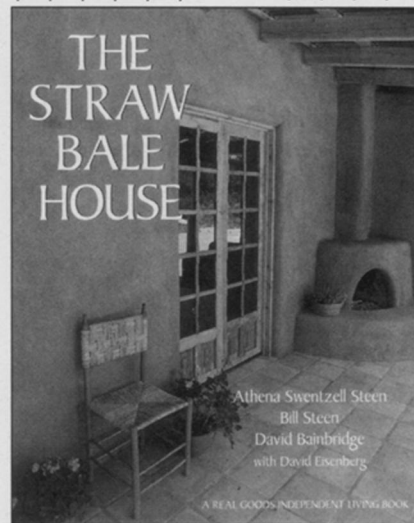
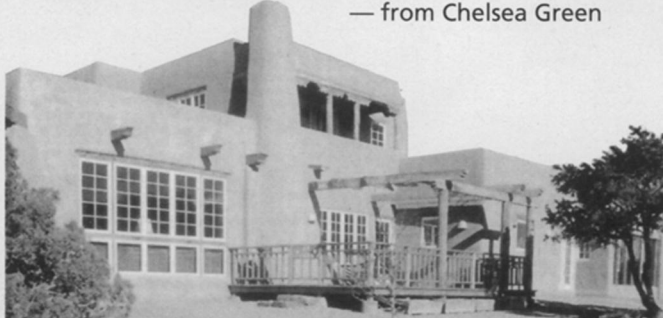
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