## Books

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Beyond Ritalin: Facts About Medication and Other Strategies for Helping Children, Adolescents, and Adults with Attention Deficit Disorders—Stephen W. Garber, Marianne Daniels Garber, and Robyn Freedman Spizman. Ritalin remains the most commonly prescribed medication for sufferers of attention deficit hyperactivity disorder (ADHD), but the authors point out that it is neither the only medication on the market nor the complete answer to reducing the effects of ADHD. The authors survey a number of alternatives in behavior modification and organizational skills and list other therapies and medications. Villard Bks, 1996, 255 p., hardcover, \$23.00.

Dawn of Art: The Chauvet Cave—Jean-Marie Chauvet, Éliette Brunel Deschamps, and Christian Hillaire. The images and remnants of Stone Age cave bear skeletons and the blackened remains of fires in Chauvet Cave have been carbon-dated to nearly 30,000 years ago—nearly twice as old as the images found at Lascaux. The authors recount the episodes of their discovery and discuss the importance of the cave's contents, particularly the wondrous images that cover the walls. Typically, most of the images reflect the animals that surrounded the artists, but the quality of the work is astonishing, as proved by the numerous color photographs taken in this Cro-Magnon gallery. Abrams, 1996, 135 pages, color photos, hardcover, \$35.00.

Engineering a New Architecture — Tony Robbin. Technological advances in structural systems and materials are spawning new aesthetic principles and blurring the line between engineering and architecture. Robbin surveys a number of aspects of modern structures created from fabric, film, and "smart" materials—self-regulating materials based on biological systems. Some buildings now include membranes that selectively allow light, sound, and heat to either pass through or be reflected. Others employ tensegrity systems like those found in Buckminster Fuller's domes. In addition, Robbin looks at plate structures, shells, shape memory alloys, and computer-generated forms, all of which are reshaping structure and design. Yale U Pr, 1996, 138 p., color and b&w photos and illus., hardcover, \$45.00.

In Search of Ancient North America: An Archaeological Journey to Forgotten Cultures—Heather Pringle. Archaeologists are amassing a wealth of evidence indicating that many different peoples roamed the continent at least 10,000 years before the arrival of Europeans. In an attempt to revisit these lost peoples, Pringle accompanied researchers to nine premier dig sites throughout the United States and Canada. There, he experienced firsthand the discovery of itinerant Siberian mammoth hunters and the lords of the Mississippi who enticed their followers with a mysterious elixir, among others. Wiley, 1996, 227 p., color plates and b&w photos, hardcover, \$24.95.

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Other Suns, Other Worlds?: The Search for Extrasolar Planetary Systems-Dennis L. Mammana and Donald W. McCarthy, Jr. The closest star that could possibly be a home for other orbiting worlds is Proxima Centauri, which is some 4.3 light years away-not exactly near Earth. However, as recently evidenced, advanced telescopes such as the Hubble have the ability to detect other planets in the far reaches of the universe. Astronomers Mammana and McCarthy reflect on human wonder over the ages regarding other worlds and explain how astronomers have become more adept at answering questions about such places. They instruct the reader on the tell-tale signs for which astronomers look. St Martin, 1996, 227 p., color and b&w plates, hardcover, \$24.95.

Understanding Relativity: A Simplified Approach to Einstein's Theories-Leo Sartori. With a little background in algebra and an interest in comprehending what seem to be counterintuitive ideas about time, space, and energy, the nonspecialist should be able to grasp Sartori's presentation of Einstein's relativity theory. Exhaustive analyses of the relativity of simultaneity and of time dilation and length contraction form the backbone of the book, and make the discussion of other issues such as the Lorentz transformation more accessible. Sartori employs the littleused Loedel diagram, which visually exhibits the space-time consequences of the theory. Paradoxes such as the twin paradox and those based on the length contraction effect and the application of relativity to atomic energy and particle physics round out the volume. U CA Pr, 1996, 367 p., b&w illus., paperback, \$19.95.

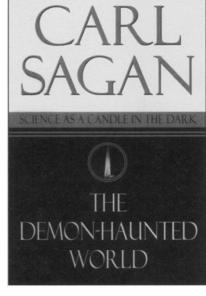
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Random House, 1995, 457 pages,  $6^{3}/8$ " x  $9^{1}/2$ ", hardcover, \$25.95

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re we on the brink of a new Dark Age of irrationality and superstition? In this stirring, brilliantly argued book, internationally respected scientist Carl Sagan shows how scientific thinking is necessary to safeguard our democratic institutions and our technical civilization.

The Demon-Haunted World is more personal and richer in moving and revealing human stories than anything Sagan has previously written. With illustrations from his own childhood experience as well as engrossing tales of discovery, Sagan shows how the method of scientific thought can cut through prejudice and hysteria to uncover the often surprising truth.

He convincingly debunks "alien abduction," "channelers," faith-healer fraud, the "face" on Mars, and much else. Along the way, he refutes the arguments that science destroys spirituality or is just another arbitrary belief system, asks why scientific study is often stigmatized, discusses the dangers of the misuse of science, and provides a "baloney detection kit" for thinking through political, social, religious, and other issues.

Controversial, provocative, and uplifting, this is sure to be one of the year's most talked-about books. — from Random House

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