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Black Holes and Baby Universes and Other Essays — Stephen Hawking. These 13 essays, written in simple language by one of the greatest physicists of our time, offer insights both scientific and personal. Topics range from baby universes spawned from black holes to Hawking's reflections on his life — including his debilitating neurological condition and the influential events of his younger years. Originally published in hardcover in 1993. Bantam, 1994, 182 p., paperback, \$12.95.

The Chemistry of Conscious States: How the Brain Changes Its Mind — J. Allan Hobson. Working from the premise that the mind and brain are one, Hobson, a Harvard neuroscientist, argues that normal modes of experience such as waking and sleeping are simply different states of the "brain-mind." Much of his documentation focuses on his research into sleeping and dreaming. Hobson associates the major faculties of the mind — orientation, memory, perception, attention, and mood — with the change in the brain-mind state most noticeable in the transition from sleeping and waking. After dissecting how these changes occur in the mentally sound as well as the unstable, the author suggests ways to improve sleep, memory, and the ability to learn. Little, 1994, 300 p., hardcover, \$22.95.

Complete & Utter Failure: A Celebration of Also-Rans, Runners-Up, Never-Weres, and Total Flops — Neil Steinberg. Numerous anecdotes about failed products like Angel Baby dolls and toaster eggs, as well as personal failures like that of Alexander Graham Bell at the Patent Office and those of millions of children who compete annually in the national spelling bee fill these pages. Beyond a few good laughs, readers also garner insight into why humans pursue failure. Doubleday, 1994, 258 p., hardcover, \$22.95.

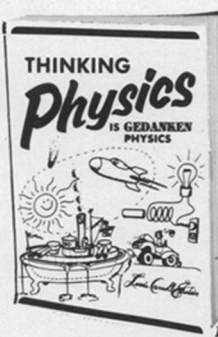
Dead Men Do Tell Tales: The Strange and Fascinating Cases of a Forensic Anthropologist — William R. Maples and Michael Browning. Maples has solved many ancient and modern mysteries surrounding the dead. Some of his more famous cases include laying to rest claims that Zachary Taylor was murdered, incriminating the Bolshevik assassins of Russian Tsar Nicholas II, and collecting evidence from the victims of the serial murderer who preyed on college students in Gainesville, Fla. Not for those with a weak stomach, this book explicitly explores how forensic anthropology is used to deduce age, sex, and means of death. Doubleday, 1994, 292 p., b/w plates, hardcover, \$22.95.

Diatoms to Dinosaurs: The Size and Scale of Living Things — Chris McGowan. Through analysis of animals prevalent in the sea, in air, and on land, McGowan demonstrates the importance of size and scale to the survival and life span of living organisms. He shows how various forces affect an animal's lifestyle. The author uses mathematical calculations and his broad knowledge of many animals to answer questions such as why ants are so much stronger relative to body size than elephants and how an enormous albatross can fly. Island Pr, 1994, 288 p., b/w illus., hardcover, \$24.95.

Digital Woes: Why We Should Not Depend on Software — Lauren Ruth Wiener. Software subtly pervades nearly every aspect of human existence today, from flying airplanes and operating weapons to controlling medical equipment and bank accounts. Yet, the author states, safety features used on mechanisms that predated software are often omitted. Wiener cites many examples of computer technology gone awry and imparts invaluable information about programming and the future of software. She implores the public to use this information and expand upon it to question the safety, reliability, and expense of new software advances. Originally published in hardcover in 1993. Addison-Wesley, 1994, 252 p., paperback, \$14.00.

Where Next, Columbus? The Future of Space Exploration — Valerie Neal, ed. An enhancement of an exhibit with the same title at the National Air and Space Museum, this collection of essays by authors such as Carl Sagan, Timothy Ferris, Robert L. Forward, and Edward C. Stone investigates the future of space exploration. A multitude of stirring color photographs illustrates where we should go next — and whether we should go at all — the possibility of sending human rather than robot crews to sites such as Mars, and plans for craft that could take astronauts to the nearest star system in a single lifetime. OUP, 1994, 231 p., col- or photos, hardcover, \$35.00.

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The main current in a creek is flowing to the right. The small current behind the rock is flowing to the
a) right
b) left
c) neither way

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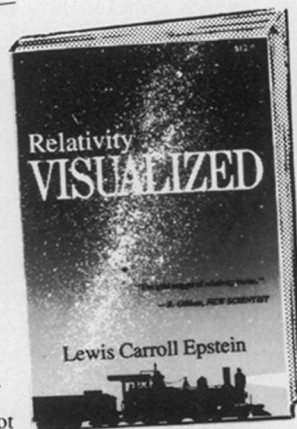
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