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Astronomical Calendar 1989—Guy Ottewill. A large-format book that includes sky maps, diagrams of planetary positions and a narrative calendar of events for each month of the year. Instructs beginners on how to use the monthly sky maps and describes movements of the moon, eclipses, the planets, asteroids, comets and space exploration. Astron Wkshop, 1988, illus., paper, \$12.00.

Butterflies of the World—Rod and Ken Preston-Mafham. A beautiful color-illustrated introduction to butterflies the world over. The authors' firsthand observations and natural-setting photographs enhance the text, which starts with basic butterfly biology and metamorphoses to the pivotal stage that humans and butterflies have now reached with the increasing destruction of their habitat. Facts on File, 1988, 192 p., color/b&w illus., hardcover, \$22.95.

Colors in the Wild—The National Wildlife Federation. From the subdued shimmer of a frosted cup of Queen Anne's Lace to the stark contrast of a scarlet macaw, this collection of 135 stunning photographs illustrates how color can affect animal mating, flower pollination and predator-prey relationships. Natl Wildlife, 1988, 156 p., color illus., hardcover, \$21.95.

The Facts on File Dictionary of Mathematics—Carol Gibson, Ed. More than 2,000 terms defined, explained and illustrated for the mathematics student or professional in this revised and expanded edition. Contains reference tables of mathematics symbols, roots and constants, among others. Facts on File, 1988, 235 p., illus., hardcover, \$19.95.

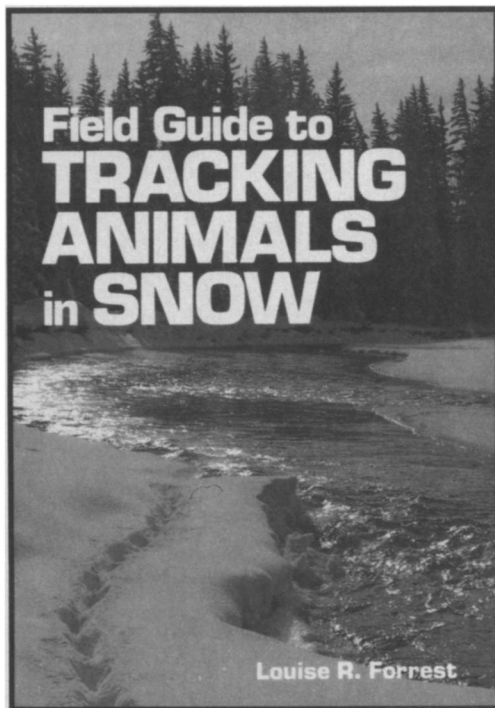
Faster Than Light: Superluminal Loopholes in Physics—Nick Herbert. This physicist and author of *Quantum Reality*, who has "always had a casual interest in ways of transcending ordinary experience," here displays current research in physics that stretches beyond the limits established by Einstein's theory of relativity. Herbert introduces ideas of time travel at speeds faster than light, the quantum connection (an alleged force said to link particles that have interacted at one time), tachyons, space warps and white holes. NAL, 1988, 216 p., illus., hardcover, \$18.95.

Handbook of Effective Technical Communications—Tyler G. Hicks and Carl M. Valorie. Proven techniques, shortcuts and pointers for effective technical communications, aimed at engineers, scientists, technical writers, managers and others who need to write clearly. Chapters cover technical reports, scientific papers and articles, proposals, specifications, directives, instruction manuals, sales brochures, catalogs, scientific and technical books, letters and resumes. A glossary of printers' and publishers' terms is included. McGraw, 1988, 480 p., illus., hardcover, \$49.50.

Invisible Frontiers: The Race to Synthesize a Human Gene—Stephen S. Hall. The fascinating story of the three groups—one at Harvard, one at the University of California, San Francisco, and one at City of Hope Hospital in Los Angeles—that worked on the first synthesis of a human gene, the insulin gene. Tells of the formation of the early biotechnology companies and the involvement of the pharmaceutical industry in this research. Originally published in hardcover by Atlantic Monthly in 1987. Tempus, 1988, 334 p., paper, \$8.95.

Race Into Space: The Soviet Space Programme—Brian Harvey, foreword by Patrick Moore. The Soviets were the first in space, but have never landed an astronaut on the moon; a Soviet scientist penned sketches of a space shuttle in the 1930s, but the United States flew the first space shuttle; the Soviets have a manned space station, while U.S. version won't orbit for years. This fact-filled account, by a British writer, of how the Soviets have felt and feel today about their space program, explains with extraordinary detail the curious emphasis the USSR puts on space exploration and how the present government plans to further the space program. Ellis Horwood Ltd. (Wiley), 1988, 381 p., illus., hardcover, \$39.95.

Wonders of the Universe: 1989 Calendar from Hansen Planetarium. Stunning full-color photographs culled from world observatories, independent photographers and NASA complement the historical information and astronomical facts given on the 12-month calendar. Hansen Planetarium, 1988, 11" x 22" hanging, paper, \$7.95.



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