

Books

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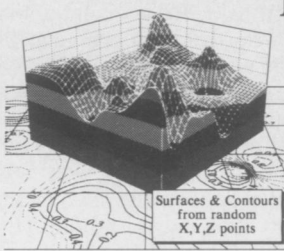
Genome: The Story of the Most Astonishing Scientific Adventure of Our Time — The Attempt to Map All the Genes in the Human Body — Jerry E. Bishop and Michael Waldholz. Although the thorough mapping of the human genome has just begun, scientists around the world have been attempting to map disease-causing genes for nearly a decade. This book describes for the lay reader some of the spectacular medical breakthroughs already made — including identification of the genes causing Huntington's disease and cystic fibrosis — and profiles the people who made them. Concludes with a discussion of the social and ethical questions arising from the gene-mapping project. Originally published in hardcover in 1990. Touchstone Bks, 1991, 352 p., illus., paperback, \$10.95.

In Search Of Human Nature: The Decline and Revival of Darwinism in American Social Thought — Carl N. Degler. This eminent historian traces the impact of Darwinism and biological research on our understanding of human nature. He investigates why social scientists turned away from theories of biological determinism in favor of explanations of human differences based on culture and human experience, only to return in the past 40 years to Darwinian concepts of heredity and biological explanations for behavior, this time without the racism and sexism of the earlier movement. A fascinating tour of biosocial thought and a challenging exploration of what it means to be human. Oxford U Pr, 1991, 400 p., hardcover, \$24.95.

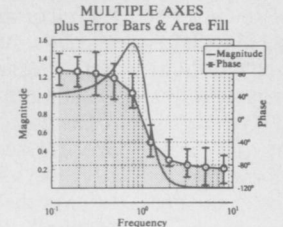
The Man Who Knew Infinity: A Life of the Genius Ramanujan — Robert Kanigel. In 1913, an obscure 25-year-old Indian clerk, Srinivasa Ramanujan, appealed to a premier English mathematician, G.H. Hardy, for guidance in mathematics. Recognizing Ramanujan's genius, Hardy arranged for him to travel to England and be educated. This is the fascinating story of both men, the relationship they formed, and the mathematical genius of Ramanujan, who tragically died only seven years later yet left a mathematical legacy that continues to enrich mathematical studies. Scribner, 1991, 438 p., hardcover, \$27.95.

Restructuring Science Education: The Importance of Theories and Their Development — Richard A. Duschl. Duschl contends that science education should illustrate scientific theories as the product of a reasoning process in which changes are natural and expected. Yet for the past few decades, he argues, the emphasis has been on justification of theories, depicting them as absolute truths and leaving students poorly prepared to handle our society's rapid advances in scientific knowledge and technology. In this book, he outlines for educators a new approach to science education that incorporates the history and philosophy of scientific theories, including specific examples of how these guidelines can be applied in chemistry, physics, earth science and life science. Tchrs Coll, 1990, 155 p., paperback, \$15.95.

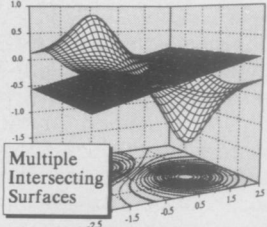
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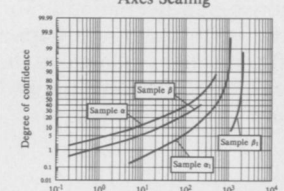
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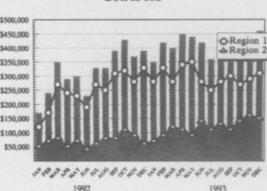
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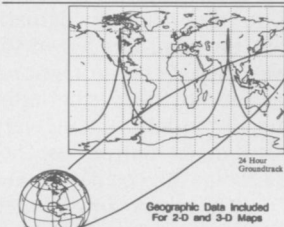
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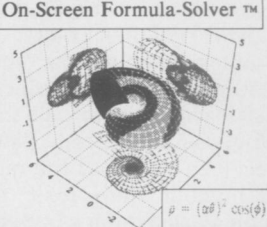


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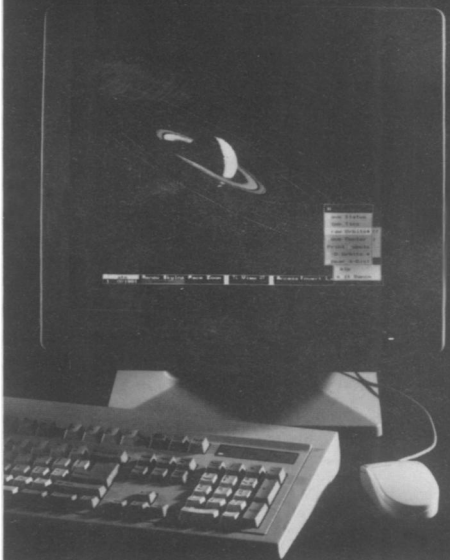
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