



WFF 'N PROOF: The Game of Modern Logic, by Professor Layman E. Allen (University of Michigan)

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ON-SETS: The Game of Set Theory, by Layman E. Allen, Peter Kugel (M.I.T.), and Martin Owens (Mitre Corporation)

ON-WORDS: The Game of Word Structures, by Layman E. Allen, Frederick L. Goodman, Doris Humphrey, and Joan Ross (University of Michigan)

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The Cognitive Computer: On Language, Learning, and Artificial Intelligence — Roger C. Schank with Peter G. Childers. The director of the Yale University Artificial Intelligence Project attempts to set the computer in perspective for the general reader, to present it as a machine with fantastic possibilities. Examines the nature of human intelligence and discusses what it would mean to have machine intelligence. A-W, 1984, 268 p., \$17.95.

The Growth of Biological Thought: Diversity, Evolution, and Inheritance — Ernst Mayr. "Much of modern biology, particularly the various controversies between schools of thought, cannot be fully understood without a knowledge of the historical background of the problems." This philosopher and historian of biology emphasizes the background and the development of ideas dominating modern biology. Winner, in hardback, of the Association of American Publishers' 1982 award for most outstanding book in the life sciences. Harvard U Pr, 1985, 974 p., paper, \$12.95.

Herpes Diseases and Your Health — Henry H. Balfour Jr. and Ralph C. Heussner. A book for the general reader that provides clear comprehensive information on the diagnosis, management and treatment of all forms of herpes. Explains what herpesviruses are and how they invade and live within the human body. Reports on the current research in this fast-changing field. U of Minn Pr, 1984, 195 p., illus., \$14.95.

Out of the Cradle: Exploring the Frontiers Beyond Earth — William K. Hartmann, Ron Miller and Pamela Lee. Shows what humans might do in "the strange environments and awesome landscapes of worlds throughout our solar system." Examines not only our opportunities for discovery and adventure, but how space exploration may benefit earth economically and environmentally. Imaginative color views of possible future space exploration and utilization extend a century or so into the future. Workman Pub, 1984, 190 p., color illus., \$19.95, paper, \$11.95.

A Scientist at the Seashore — James Trefil. According to the author, anything can serve as the starting point for an inquiry into the working of the physical world. "You don't have to start in a laboratory because, in a very real sense, the entire world is a physics laboratory." This book is an exploration of one site, a beach, for clues to the workings of the physical universe. Scribner, 1984, 208 p., illus. by Gloria Walters, \$14.95.

To Do No Harm: DES and the Dilemmas of Modern Medicine — Roberta J. Apfel and Susan M. Fisher. Two psychiatrists use the story of DES, formerly prescribed to women with difficult pregnancies, to illustrate the complexity of modern medicine. Examines the pressures to experiment with new techniques and drugs, doctors' risk-taking and responses to errors and how the trust that is essential to a good patient-physician relationship can be destroyed when things go wrong. Traces the history of DES and its use and tells of the overwhelming impact of the DES tragedy on mothers and daughters. Yale U Pr, 1984, 199 p., \$15.95.