

Books

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Alvarez: Adventures of a Physicist — Luis W. Alvarez. An autobiography of this Nobel physicist whose wide-ranging career has included work at the frontiers of high-energy physics, exploring the Egyptian pyramids, a presidential assassination study and novel theories about the extinction of the dinosaurs. This book is part of the Alfred P. Sloan Foundation series by or about outstanding scientists. Basic, 1987, 292 p., illus., \$19.95.

Annual Review of Physiology, Vol. 49—Robert M. Berne, Ed. Includes articles in the areas of comparative, gastrointestinal, cell and molecular, renal and electrolyte, respiratory and cardiovascular physiology, endocrinology, molecular mechanism of muscle contraction and phototransduction in vertebrates. Annual Reviews, 1987, 839 p., illus., \$32.

How to Help Your Puppy Grow Up to Be a Wonderful Dog — Elizabeth Randolph with Ginger Hamilton. This book is about the normal development of most puppies: how they grow, what their physical and social needs are at various stages, when they are ready to learn specific types of behavior. Tells what the optimum time is to anticipate a possible behavior problem and how to nip it in the bud. Suggests how to work with a puppy's development in positive, common-sense ways that will help it grow up to be a responsive pet. Macmillan, 1987, 239 p., illus., \$16.95.

How to Look It Up Online: Get the Information Edge with Your Personal Computer — Alfred Glossbrenner. Provides an overview of the information industry and discusses the tools and techniques for searching a database. Profiles selected major database vendors. Looks at approximately 100 leading databases covering such information as books in print, articles from the world's magazines and leading national and regional newspapers, AP and UPI wire services, world leaders in government, industry and science, and companies and the products they manufacture. St. Martin, 1987, 486 p., \$24.95, paper, \$14.95.

The Nature of Time — Raymond Flood and Michael Lockwood, Eds. A collection of essays that brings together some of the latest thinking about time, within both philosophy and modern physical science. Time is viewed from the standpoints of Einstein's theory of relativity, modern thermodynamics and cosmology and quantum theory. Some of the philosophical issues addressed are the directionality of time and the future in relation to the past. Basil Blackwell, 1987, 187 p., illus., \$19.95.

Odd Perceptions — Richard L. Gregory. The author, director of the Brain and Perception Laboratory at the University of Bristol, holds that perception includes not only how we experience the world and ourselves through such things as colors, shapes, sounds, tastes, etc., but also how the signals from the senses interact with our intelligence. Most of these essays were originally written as editorials for the British journal PERCEPTION. Methuen, 1987, 230 p., illus., \$19.95.

Rabi: Scientist and Citizen — John S. Rigden. The editor of the AMERICAN JOURNAL OF PHYSICS offers here a fascinating biography of I.I. Rabi, who won the Nobel Prize in 1944 at the age of 46 for his work on the magnetic properties of the atomic nucleus. This is also the story of American physics during the 20th century and its rise to preeminence. The epilogue by Rabi, pleading for a great effort to get us out of our current intellectual slump, exemplifies Rabi as citizen. "We must start," he says, "with our schools, the training of our teachers and the restoration of our ideals of learning for its own sake." Basic, Alfred P. Sloan Foundation series, 1987, 302 p., illus., \$21.95.

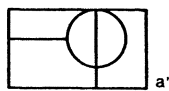
The Strangelove Legacy: Children, Parents and Teachers in the Nuclear Age — Phyllis La Farge. Based on interviews with children, parents, teachers and mental health professionals around the country, this book explores questions about the impact of the possibility of nuclear annihilation on children's consciousness. Harrow, 1987, 242 p., illus., \$15.95.

Time's Arrow, Time's Cycle: Myth and Metaphor in the Discovery of Geological Time — Stephen Jay Gould. To elucidate the role of metaphor in the formulation and testing of scientific theories, Gould traces the discovery of deep time, the vastness of earth's history, through three seminal documents in geology beginning with Burnet's 1690 *Sacred Theory of the Earth*. The directionality of time and time's cycles are followed through each of the geological documents to show how their influence brought on the discovery of geological time. Harvard U Pr, 1987, 222 p., illus., \$17.50.

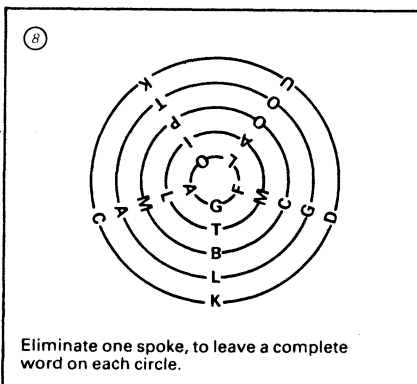
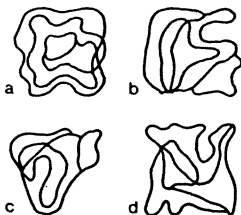
INTELLIGENCE GAMES

Franco Agostini and
Nicola Alberto
DeCarlo

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The figure above has undergone a simple distortion. Can you recognize it in either a, b, c, or d?



Eliminate one spoke, to leave a complete word on each circle.

Simon and Schuster, 1985, 184 pages,
8 1/4" x 10", paperback, \$12.95
ISBN 0-671-63201-9

This book is an opportunity for you to reflect about yourself. Some of the exercises are versions of material used in intelligence tests, adapted here in the form of games. Yet there is always the danger of feeling somehow "judged." Often, newspapers and magazines promise an objective "measurement" of intelligence that in fact creates much doubt and disappointment, because the methods adopted are not set in proper proportion. Rather than helping people to know themselves better,

they seem designed to instill a certain unease. The tests in this book are simply games. Through them, each individual will be able to express his or her intelligence and personality freely and entertainingly.

— from the introduction

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