

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print please remit retail price, plus \$1.00 handling charge for each book, to **Book Order Service**, Science News, 1719 N Street, N.W., Washington, D.C. 20036. All books sent postpaid. Domestic orders only.

Actual Minds, Possible Worlds — Jerome Bruner. There are two modes of cognitive functioning, two modes of thought, says this outstanding cognitive scientist, and each has operating principles of its own. One mode of thinking — the "paradigmatic" — attempts to fulfill the ideal of a formal, mathematical system of description and explanation. The other mode is the "narrative." "The great works of fiction," says Bruner, "that transform narrative into an art form come closest to revealing 'purely' the deep structure of the narrative mode in expression." This book is an exploration of the narrative mode. It examines the mental processes that enter into the imaginative creation of "possible worlds" and shows how the activity of imaginary-world-making supports philosophy, literature and human science. Harvard U Pr, 1986, 201 p., \$15.

Anxiety — Donald W. Goodwin. Defines anxiety and reviews what philosophers and biologists have written about it. Presents the physical aspects of anxiety. Innate and learned anxieties are discussed, as are psychologists' views of anxiety. Traces the discoveries of new, improved anti-anxiety drugs and unravels some of the mysteries of brain chemistry. Describes in detail, along with treatment, eight anxiety disorders as identified by the psychiatric profession. Oxford U Pr, 1986, 234 p., \$17.95.

The Field Guide to Prehistoric Life — David Lambert and the Diagram Group. A concise, well-designed guide to prehistoric animals and plants for the amateur fossil hunter and those interested in ancient life on earth. Traces the evolution and development of organic life as it progressed from the depths of the seas to the land and the sky. Includes descriptions of the periods and epochs into which fossil life is divided, the history of fossil hunting and modern techniques for collecting fossils. Originally published in hardback in 1985. Facts on File, 1986, 256 p., illus., \$10.95.

The Human Skeleton — Pat Shipman, Alan Walker and David Bichell. First this book focuses on bone as living tissue, discussing its composition, formation, growth and remodeling capabilities and mechanical properties. Goes on to examine individual bones in the human body. Along with anatomical information, the major functions of each body section are presented. Surveys the archaeological and forensic applications of skeletal biology, such as the estimation of age, sex and stature, the effects of fractures and pathology on bone and the modes of reconstructing skeletal remains. Well illustrated with drawings and photographs. Harvard U Pr, 1985, 343 p., illus., \$27.50.

Stephen Hawking's Universe — John Boslough. The story of this remarkable British scientist and the concerted effort to develop a unified field theory. The author explains for the general reader the background of the physics concepts discussed here. Morrow, 1985, 158 p., illus., paper, \$4.95.

AUTOMATE ^{NEW} MEASUREMENT ON YOUR IBM PC



Photo Courtesy/Edward Jones, M.D.

New digitizing tablet with Sigma-Scan™ measurement software. \$1195

Cat #3011 — 12" x 12" system

Resolution of .025 mm, accuracy of at least .25 mm. Comes with state-of-the-art software for area, linear, perimeter, length of curvy line, and angular measurements. X, Y point or stream digitizing. Descriptive statistics. Transfer data to other programs in standard ASCII or DIF format.

This and other new Microcomputer Tools for the Scientist. Call or write today for FREE catalog.

JANDEL SCIENTIFIC

2656 Bridgeway, Sausalito, CA 94965

800-874-1888

(In Calif. call 415-331-3022)

An Authoritative Reference for All Aspects of Math

Take Mathematics:

People • Problems • Results

for only **\$2⁹⁵** when you join

The Library of Science

You simply agree to buy 3 more books—at handsome discounts—within the next 12 months.

A marvelously entertaining and illuminating anthology containing the thoughts and reflections of the world's foremost mathematicians. It features more than 90 articles by such notables as Hilbert, Russell, von Neumann, Polya, Dieudonné, Ulam, and Bronowski. This introduction to the spirit and scope of mathematics offers anyone with an avid interest in mathematics valuable insights into its history and development, profiles of some of the mathematical greats, the current state of *pure* mathematics, and the role of *applied* mathematics in science, technology, and the arts.

...The Library of Science is the oldest, most respected science book club in the country. Our editors select the finest works submitted by all the scientific and technical publishers, and make them available to you through the club at substantial savings.

MEMBERSHIP BENEFITS • In addition to getting Mathematics: People • Problems • Results for only \$2.95 when you join, you keep saving substantially on the books you buy. • Also, you will immediately become eligible to participate in our Bonus Book Plan, with savings of up to 70% off the publishers' prices. • At 3-4 week intervals (16 times per year), you will receive the Library of Science News, describing the coming Main Selection and Alternate Selections, together with a dated reply card. • If you want the Main Selection, do nothing, and it will be sent to you automatically. • If you prefer another selection, or no book at all, simply indicate your choice on the card and return it by the date specified. • You will have at least 10 days to decide. If, because of late mail delivery of the News, you should receive a book you do not want, we guarantee return postage.



- Three wide-ranging volumes comprising over 800 pages
- Covers everything from the history of mathematics to key topics in modern mathematics
- Storage slip case included free

A
\$39.95
Value.

The Library of Science

Riverside, New Jersey 08075

Please accept my application for trial membership and send me Mathematics: People • Problems • Results (60760) billing me only \$2.95, plus shipping and handling. I agree to purchase at least three additional Selections or Alternates over the next 12 months. Savings range up to 30% and occasionally even more. My membership is cancelable any time after I buy these three additional books. A shipping and handling charge is added to all shipments.

No-Risk Guarantee: If I am not satisfied—for any reason—I may return Mathematics: People • Problems • Results within 10 days. My membership will be canceled, and I will owe nothing.

Name _____

Name of Firm _____
(If you want subscription sent to your office)

Address _____ Apt. _____

City _____

State _____ Zip _____

(Books purchased for professional purposes are a tax-deductible expense. Offer good in Continental U.S. and Canada only. Prices slightly higher in Canada.)
Science News 4/5/86 2-BM5