

Books Received

Atoms in Intense Laser Fields. Mihai Gavrilă, Ed. Academic Press, San Diego, CA, 1992. xviii, 516 pp., illus. \$89.95. Advances in Atomic, Molecular, and Optical Physics, supplement 1.

Automotive Fuel Economy. How Far Should We Go? Energy Engineering Board. National Academy Press, Washington, DC, 1992. xx, 259 pp., illus. Paper, \$34.95.

Connectionism. Theory and Practice. Steven Davis, Ed. Oxford University Press, New York, 1992. viii, 322 pp., illus. \$45; paper, \$24.95. Vancouver Studies in Cognitive Science.

Conservation of Neotropical Forests. Working from Traditional Resource Use. Kent H. Redford and Christine Padoch, Eds. Columbia University Press, New York, 1992. xiv, 475 pp., illus. \$45. Biological Resource Management in the Tropics. From a workshop, 1989.

Exploring the World of Insects. The Equinox Guide to Insect Behavior. Adrian Forsyth. Camden House, Charlotte, VT, 1992 (distributor, Firefly, Buffalo, NY). 64 pp., illus. \$17.95; paper, \$9.95.

Eye Movements and Visual Cognition. Scene Perception and Reading. Keith Rayner, Ed. Springer-Verlag, New York, 1992. xiv, 486 pp., illus. \$79. Springer Series in Neuropsychology. From a conference, Amherst, MA.

Formation and Differentiation of Early Embryonic Mesoderm. Ruth Bellairs, Esmond J. Sanders, and James W. Lash, Eds. Plenum, New York, 1992. viii, 341 pp., illus. \$95. NATO Advanced Science Institutes Series A, vol. 231. From a workshop, Banff, Alberta, Canada, Oct. 1991.

Gödel's Incompleteness Theorems. Raymond M. Smullyan. Oxford University Press, New York, 1992. xvi, 139 pp. \$29.95. Oxford Logic Guides, 19.

The Great Copernicus Chase and Other Adventures in Astronomical History. Owen Gingerich. Cambridge University Press, New York, and Sky, Cambridge, MA, 1992. xii, 304 pp., illus. \$29.95. Articles reprinted from various journals.

Heparin and Related Polysaccharides. David A. Lane, Ingemar Björk, and Ulf Lindahl, Eds. Plenum, New York, 1992. x, 374 pp., illus. \$85. Advances in Experimental Medicine and Biology, vol. 313. From a symposium, Uppsala, Sweden, Sept. 1991.

High Energy Astronomy. P. J. Willcox. Carlton, New York, 1992. xii, 275 pp., illus. \$17.95. Reprint, 1990 ed.

Ion Beam Modification of Metals. Fadei Komarov. Gordon and Breach, Philadelphia, 1992. viii, 251 pp., illus. \$88. Translated from the Russian edition (Moscow, 1990) by Paul Curtis.

Iron and Human Disease. Randall B. Lauffer, Ed. CRC, Boca Raton, FL, 1992. xvi, 534 pp., illus. \$149.95.

Managing the World's Forests. Looking for Balance Between Conservation and Development. Narendra P. Sharma, Ed. Kendall/Hunt, Dubuque, IA, 1992. xxii, 605 pp., illus. Paper, \$34.95.

Many Moons. The Myth and Magic, Fact and Fantasy of Our Nearest Heavenly Body. Diana Brueton. Prentice Hall Press (Simon and Schuster), New York, 1992. 256 pp., illus. Paper, \$14. Reprint, 1991 ed.

Neurobiology of Motor Programme Selection. New Approaches to the Study of Behavioural Choice. Jenny Kien, Catherine R. McCrohan, and William Winlow, Eds. Pergamon, Tarrytown, NY, 1992. x, 290 pp., illus. \$140. Pergamon Studies in Neuroscience, no. 4.

Out of the Crystal Maze. Chapters from the History of Solid-State Physics. Lillian Hoddeson *et al.*, Eds. Oxford University Press, New York, 1992. xxiv, 697 pp., illus. \$75.

Physiology of the Plant Root System. J. Kolek

and V. Kozinka, Eds. Kluwer, Norwell, MA, 1992. xii, 361 pp., illus. \$123. Development in Plant and Soil Sciences, vol. 46. Translated from the Slovak edition (Bratislava, 1988).

PI in the Sky. Counting, Thinking, and Being. John D. Barrow. Clarendon (Oxford University Press), New York, 1992. xii, 317 pp., illus. \$25.

Riemannian Geometry. A Beginner's Guide. Frank Morgan. Jones and Bartlett, Boston, 1993. viii, 119 pp., illus. \$29.95.

Science and the National Parks. Board on Environmental Studies and Toxicology. National Academy Press, Washington, DC, 1992. xiv, 122 pp., illus. Paper, \$19.95.

Thermodynamic Properties of Isomerization Reactions. M. L. Frenkel *et al.* Hemisphere (Taylor and Francis), Bristol, PA, 1993. viii, 229 pp., illus. \$85. Translated from the Russian edition (1988) by P. Rappoport.

Tourette Syndrome. Genetics, Neurobiology, and Treatment. Thomas N. Chase, Arnold J. Friedhoff, and Donald J. Cohen, Eds. Raven, New York, 1992. xxii, 377 pp., illus. \$115. Advances in Neurology, vol. 58.

The Universe. Why It Is There? New Scientific Creative Proof. Hans Krause. Krause, Stuttgart, Germany, 1992. 250 pp. DM 40.

Unveiling the Edge of Time. Black Holes, White Holes, Wormholes. John Gribbin. Harmony, New York, 1992. viii, 248 pp., illus. \$20.

Vivisection and Dissection in the Classroom. A Guide to Conscientious Objection. Gary L. Francione and Anna E. Charlton. American Anti-Vivisection Society, Jenkintown, PA, 1992. xiv, 135 pp., illus. Paper, \$7.95.

The Way Nature Works. Macmillan, New York, 1992. 360 pp., illus. \$35.

The Whole Internet. User's Guide and Catalog. Ed Krol. O'Reilly, Sebastopol, CA, 1992. xxiv, 376 pp., illus. Paper, \$24.95.



Computers in Science SCIENCE April 3 Reprint

Reprinted from the April 3 issue of **SCIENCE** this special section explores exciting new techniques and innovations taking place with computer technology in science.

Highlights of this special section include:

- Computer Experimentation - from physics to biology
- Massive Parallelism - promises and problems
- Mathematicians and the Computer Revolution
- Overview of New Products - includes among others, software for scientific word processing, teaching and analytical chemistry

To order your copy send \$3.00 (US dollars only) plus postage to:

SCIENCE

Attn: Corrine Harris
1333 H Street, NW
Washington, DC 20005

Postage (per copy):

US: \$1.50
Int'l Surface: \$2.00
Int'l Air: \$5.00

Visa and MasterCard orders accepted by fax (202) 682-0816

For information on bulk orders call (202) 326-6527