

science? He could not, nor can we, readily explain why troubles have persisted, positive precedents have been overturned, and access to scientific institutions has fluctuated so dramatically from ancient times to the present.

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Books Received

The ACT Cytogenetics Laboratory Manual. Margaret J. Barch, Ed. 2nd ed. Raven, New York, 1991. xiv, 625 pp., illus. \$120.

Activity Measurement in Psychology and Medicine. Warren W. Tryon. Plenum, New York, 1991. xx, 247 pp., illus. \$39.50. Applied Clinical Psychology.

Adolescent Pregnancy in an Urban Environment. Issues, Programs, and Evaluation. Janet B. Hardy and Laurie Schwab *et al.* Urban Institute Press, Washington, DC, and Urban and Schwarzenberg, Baltimore, 1991 (distributor, University Press of America, Lanham, MD). xviii, 398 pp., illus. Paper, \$39.95.

Advances in the Understanding and Treatment of Asthma. Priscilla J. Piper and Robert D. Krell, Eds. New York Academy of Sciences, New York, 1991. xii, 462 pp., illus. \$135. Annals of the New York Academy of Sciences, vol. 629. From a conference, London, Oct. 1990.

Basin and Range Extensional Tectonics Near the Latitude of Las Vegas, Nevada. Brian P. Wernicke, Ed. Geological Society of America, Boulder, CO, 1991. xii, 511 pp., illus., + plates + maps. \$115. GSA Memoir 176.

Behavioral and Biochemical Issues in Substance Abuse. Frank R. George, Doris Clouet, and Barry Stimmel, Eds. Haworth, Binghamton, NY, 1991. x, 249 pp., illus. \$29.95. Also published as *Journal of Addictive Diseases*, vol. 10, nos. 1/2.

The Brain Has a Mind of Its Own. Insights From a Practicing Neurologist. Richard Restak. Harmony (Crown), New York, 1991. xiv, 210 pp., \$18.

Breast Epithelial Antigens. Molecular Biology to Clinical Applications. Roberto L. Ceriani, Ed. Plenum, New York, 1991. x, 245 pp., illus. \$69.50. From a workshop, San Francisco.

Cellular Physiology of Nerve and Muscle. Garry G. Matthews. 2nd ed. Blackwell, Boston, MA, 1991. xiv, 226 pp., illus. Paper, \$26.95.

Cellular Signals Controlling Uterine Function. Lynn A. Lavia, Ed. Plenum, New York, 1991. vi, 191 pp., illus. \$69.50. From a symposium, Wichita, KS, Sept. 1989.

Cosmic Time Travel. A Scientific Odyssey. Barry Parker. Plenum, New York, 1991. xii, 308 pp., illus. \$24.50.

Craft and Consciousness. Occupational Technique and the Development of World Images. Joseph Bensman and Robert Lilienfeld. 2nd ed. Aldine de Gruyter, Hawthorne, NY, 1991. xxvi, 395 pp. \$49.95; paper, \$27.95. Communication and Social Order.

The Culture of Pain. David B. Morris. University of California Press, Berkeley, 1991. xii, 342 pp., illus. \$29.95.

Dental Caries. Markers of High and Low Risk Groups and Individuals. N. W. Johnson, Ed. Cambridge University Press, New York, 1991. xviii, 507 pp., illus. \$100. Risk Markers for Oral Disease, vol. 1. Based on 3 symposia, 1988-89.

Designing Interaction. Psychology at the Human-Computer Interface. John M. Carroll, Ed. Cambridge University Press, New York, 1991. x, 333 pp., illus. \$59.95; paper, \$24.95. Cambridge Series on Human-Computer Interaction, 4.

The Differential Equations of Thermodynamics. V. V. Sychev. 2nd ed. MIR, Moscow, and Hemisphere (Taylor and Francis), New York, 1991. viii, 252 pp., illus. \$85. Translated from the Russian.

Dynamical Collision Theory and Its Applications. Sadhan K. Adhikari and Kenneth L. Kowalski. Academic Press, San Diego, CA, 1991. xiv, 494 pp., illus. \$79.95.

Ecotoxicology and the Marine Environment. P. D. Abel and V. Axiak, Eds. Horwood (Prentice Hall), New York, 1991. 270 pp., illus. \$67.50. Series in

Aquaculture and Fisheries Support.

Effects of Clinical Nursing Specialization. A Controlled Organizational Experiment. Basil S. Georgopoulos and Luther Christman. Edwin Mellen Press, Lewiston, NY, 1991. xii, 612 pp. \$99.95. Studies in Health and Human Services, vol. 14.

The Effects of Relativity in Atoms, Molecules, and the Solid State. S. Wilson, I. P. Grant, and B. L. Gyorffy, Eds. Plenum, New York, 1991. viii, 352 pp., illus. \$89.50. From a meeting, Abingdon, U.K., March 1990.

Einstein's Moon. Bell's Theorem and the Curious Quest for Quantum Reality. F. David Peat. Contemporary Books, Chicago, 1991. vi, 170 pp., illus. Paper, \$11.95. Reprint, 1990 ed.

Fatigue of Materials. S. Suresh. Cambridge University Press, 1991. xviii, 586 pp., illus. \$95. Cambridge Solid State Science Series, 8.

Feeding Cities. Specialized Animal Economy in the Ancient Near East. Melinda A. Zeder. Smithsonian Institution Press, Washington, DC, 1991. xx, 280 pp., illus. \$45. Smithsonian Series in Archaeological Inquiry.

Fermilab III, the Great Computer Debate and Technology for the Nineties. R. Carrigan, Jr., C. Crego, and S. Grommes, Eds. Fermilab National Accelerator Laboratory, Batavia, IL, 1991. xx, 165 pp., illus. Paper. From a meeting, Batavia, May 1990.

Forest Entomology in West Tropical Africa. Forest Insects of Ghana. Michael R. Wagner, Stephen K. N. Atuahene, and Joseph R. Cobbinah. Kluwer, Norwell, MA, 1991. xii, 210 pp., illus. \$89. Series Entomologica, vol. 47.

Gas Chromatography. A Practical Course. Gerhard Schomburg. VCH, New York, 1990. xiv, 320 pp., illus. Paper, \$55.

Gas Discharge Physics. Yuri P. Raizer. Springer-Verlag, New York, 1991. xii, 449 pp., illus. \$98. Translated from the Russian edition (Moscow, 1987).

The Genetic Revolution. Scientific Prospects and Public Perceptions. A Study Sponsored by the American Academy of Arts and Sciences. Bernard D. Davis, Ed. Johns Hopkins University Press, Baltimore, MD, 1991. xvi, 296 pp., illus. \$45; paper, \$15.95.

Giving Blood. The Development of an Altruistic Identity. Jane Allyn Pillavin and Peter L. Callero *et al.* Johns Hopkins University Press, Baltimore, 1991. xxvi, 313 pp., illus. \$50. Johns Hopkins Series in Contemporary Medicine and Public Health.

Handbook of Moral Behavior and Development. William M. Kurtines and Jacob L. Gewirtz, Eds. Erlbaum, Hillsdale, NJ, 1991. 3 vols. Vol. 1, Theory. xxiv, 463 pp., illus. \$75. Vol. 2, Research. xxii, 381 pp., illus. \$60. Vol. 3, Application. xxii, 348 pp., illus. \$55. The set, \$160.

Handbook of Properties of Condensed Phases of Hydrogen and Oxygen. B. I. Verkin. T. B. Selover, Jr., Ed. Hemisphere (Taylor and Francis), Philadelphia, PA, 1991. xii, 276 pp., illus. \$99.50. Translated, with revisions, from the Russian edition (Kiev, 1984).

The Healing Hand. Man and Wound in the Ancient World. Guido Majno. Harvard University Press, Cambridge, MA, 1991. xvi, 571 pp., illus. Paper, \$19.95. Reprint, 1975 ed.

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In the Service of Nine Popes. 100 Years of the Vatican Observatory. Sabino Maffeo. Pontificia Aedemia Scientiarum and Specola Vaticana, Vatican City, 1991. xvi, 241 pp. + plates. Paper, \$24.95. Translated from the Italian edition by George V. Coyne.

Inujjuamiut Foraging Strategies. Evolutionary Ecology of an Arctic Hunting Economy. Eric Alden Smith. Aldine de Gruyter, Hawthorne, NY, 1991. xx, 455 pp., illus. \$49.95; paper \$24.95.

Ion Spectroscopies for Surface Analysis. A. W. Czanderna and David M. Hercules, Eds. Plenum, New York, 1991. xviii, 469 pp., illus. \$110. Methods of Surface Characterization, vol. 2.

Iteration of Rational Functions. Complex Analytic Dynamical Systems. Alan F. Beardon. Springer-Verlag, New York, 1991. xvi, 282 p., illus. \$39.95. Graduate Texts in Mathematics.

The Laboratory of the Mind. Thought Experiments in the Natural Sciences. James Robert Brown. Routledge (Routledge, Chapman and Hall), New York, 1991. xii, 175 pp., illus. \$49.95. Philosophical Issues in Science Series.

Leaving the Cradle. Human Exploration of Space in the 21st Century. Thomas O. Paine, Ed. Published for the American Astronautical Society by Univelt, San Diego, CA, 1991. xii, 335 pp., illus. \$70; paper, \$55.

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Managing Nitrogen for Groundwater Quality and Farm Profitability. R. F. Follett, D. R. Keeney, and R. M. Cruse, Eds. Soil Science Society of America, Madison, WI, 1991. xx, 357 pp., illus., + diskettes. Paper, \$36. From a symposium, Anaheim, CA, 1988.

Massive Stars in Starbursts. Claus Leitherer *et al.*, Eds. Cambridge University Press, New York, 1991. xiv, 333 pp., illus. \$49.50. Space Telescope Science Institute Symposium Series, 5. From a meeting, Baltimore, MD, May 1990.

Medicine in America. A Short History. James Cassidy. Johns Hopkins University Press, Baltimore, MD, 1991. \$36; paper, \$11.95.

Multiphase Science and Technology, Vol. 6. G. F. Hewitt, J. M. Delhaye, and N. Zuber, Eds. Hemisphere (Taylor and Francis), New York, 1991. xx, 813 pp., illus. \$115.

Neurobiology of Learning, Emotion and Affect. John Madden IV. Raven, New York, 1991. xiv, 354 pp., illus. \$120.

Neuronal Networks of the Hippocampus. Roger D. Traub and Richard Miles. Cambridge University Press, New York, 1991. xviii, 281 pp., illus. \$39.50.

Neuroscience. An Illustrated Guide. Roger Barker. Horwood (Prentice-Hall), Englewood Cliffs, NJ, 1991. 285 pp., illus. Paper, \$39.95. Ellis Horwood Series in Neuroscience.

Newborn Attention. Biological Constraints and the Influence of Experience. Michael J. Salomon Weiss and Philip R. Zelazo, Eds. Ablex, Norwood, NJ, 1991. x, 541 pp., illus. \$42.50; to institutions, \$75.

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Particle Size Distribution II. Theodore Provder, Ed. American Chemical Society, Washington, DC, 1991. xiv, 407 pp., illus. \$89.95. ACS Symposium Series No. 472. Based on a symposium, Boston, April 1990.

Patronage and Institutions. Science, Technology, and Medicine at the European Court, 1500-1750. Bruce T. Moran, Ed. Boydell (Boydell and Brewer), Rochester, NY, 1991. vi, 261 pp., illus. \$70. Based on a symposium, Hamburg, 1989.

Pharmacy and the U.S. Health Care System. Jack E. Fincham and Albert I. Wertheimer, Eds. Pharmaceutical Products Press, Binghamton, NY, 1991. xx, 569 pp., illus. \$49.44; paper, \$24.95.

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Science and the Past. Sheridan Bowman, Ed. University of Toronto Press, Buffalo, NY, 1991. 192 pp., illus. \$40.

Seismic Anisotropy in the Earth. V. Babuska and M. Cara. Kluwer, Boston, MA, 1991. viii, 217 pp., illus. \$59. Modern Approaches in Geophysics, vol. 10.

The Self. Interdisciplinary Approaches. Jaine Strauss and George R. Goethals, eds. Springer-Verlag, New York, 1991. xii, 278 pp., illus. \$49. From a symposium, Williamstown, MA, 1989.

The Social Context of Coping. John Eckenrode, Eds. Plenum, New York, 1991. xx, 285 pp., illus. \$39.50. Plenum Series on Stress and Coping.

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To Be a Victim. Encounters with Crime and Injustice. Diane Sank and David I. Caplan, Eds. Insight (Plenum), New York, 1991. xviii, 481 pp. \$28.50.

The Triumph of the Embryo. Lewis Wolpert. Illustrations drawn by Debra Skinner. Oxford University Press, New York, 1991. x, 211 pp. \$22.95.