

## Books Received

- Analysis, et cetera.** Research Papers Published in Honor of Jürgen Moser's 60th Birthday. Paul H. Rabinowitz and Eduard Zehnder, Eds. Academic Press, San Diego, CA, 1990. xii, 694 pp. \$69.95.
- Are Quanta Real?** A Galilean Dialogue. J. M. Jauch. Indiana University Press, Bloomington, 1990. xviii, 109 pp. \$22.50; paper, \$7.95. Reprint, 1973 ed.
- Atoms and Quanta.** Daphne F. Jackson. Surrey University Press and Academic Press, San Diego, CA, 1989. x, 215 pp., illus. Paper, \$29.95.
- Automorphic forms and Geometry of Arithmetic Varieties.** K. Hashimoto and Y. Namikawa, Eds. Kinokuniya, Tokyo, and Academic Press, San Diego, CA, 1989. xvi, 523 pp. \$79.50. Advanced Studies in Pure Mathematics, vol. 15.
- Bébés Astronomes, Bébés Psychologues.** L'Intelligence de la Première Année. R. Lécuyer. Mardaga, Liege, 1989. 316 pp., illus. Paper, FB 1250. Psychologie et Sciences Humaines.
- Before the Gates of Excellence.** The Determinants of Creative Genius. R. Ochse. Cambridge University Press, New York, x, 300 pp., \$49.50; paper, \$17.95.
- Beyond Baby M.** Ethical Issues in New Reproductive Techniques. Dianne M. Bartels *et al.*, Eds. Humana, Clifton, NJ, 1990. viii, 288 pp. \$29.50. Contemporary Issues in Biomedicine, Ethics, and Society.
- Beyond 1995.** The Future of the NPT Regime. Joseph F. Pilat and Robert E. Pendley, Eds. Plenum, New York, 1990. xviii, 257 pp. \$30.
- Bicarbonate, Chloride, and Proton Transport Systems.** John H. Durham and Marcos A. Hardy, Eds. New York Academy of Sciences, New York, 1989. xiv, 508 pp. illus. Paper, \$127. Annals of the New York Academy of Sciences, vol. 574. From a conference, New York, Jan. 1989.
- Comparative Perception.** Vol. 1, Basic Mechanisms. Mark A. Berkley and William C. Stebbins, Eds. Wiley-Interscience, New York, 1990. xvi, 527 pp., illus. \$89.95. Wiley Series in Neuroscience, vol. 2.
- Computer-Aided Structure.** J. P. Duncan and K. K. Law. Cambridge University Press, New York, 1989. x, 162 pp., illus. \$34.50.
- Connectionistic Problem Solving.** Computational Aspects of Biological Learning. Steven E. Hampson. Birkhäuser Boston, Cambridge, MA, 1990. x, 276 pp., illus. \$39.
- Design and Analysis of Reliability Studies.** The Statistical Evaluation of Measurement Errors. Graham Dunn. Arnold, London, and Oxford University Press, New York, 1989. x, 198 pp. \$45.
- Developing Theories of Mind.** Janet W. Astington, Paul L. Harris, and David R. Olson, Eds. Cambridge University Press, New York, 1990. xii, 447 pp., illus. Paper, \$17.95. Reprint, 1988 ed.
- Development and Use of the MMPI-2 Content Scales.** James N. Butcher *et al.* University of Minnesota Press, Minneapolis, 1990. xiv, 213 pp., illus. \$19.95. MMPI-2 Monograph Series.
- The Development of Newtonian Calculus in Britain 1700-1800.** Niccolo Guicciardini. Cambridge University Press, New York, 1990. xii, 228 pp., illus. \$54.50.
- Dictionary of Science and Creationism.** Ronald L. Ecker. Prometheus, Buffalo, NY, 1990. 263 pp., \$32.95.
- Environmental Consequences of Nuclear War.** Vol. 2, Ecological and Agricultural Effects. Mark A. Harwell *et al.* 2nd ed. Published for the Scientific Committee on Problems of the Environment of the International Council of Scientific Unions by Wiley, New York, 1989. lxiv, 523 pp., illus. Paper, \$44.95. SCOPE 28.
- Evaluation of Advanced Semiconductor Materials by Electron Microscopy.** David Cherns, Ed. Plenum, New York, 1989. xii, 412 pp., illus. \$89.50. NATO Advanced Science Institutes Series B, vol. 203. From a workshop, Bristol, U.K., Sept. 1988.
- Evolution of the Brain.** Creation of the Self. John C. Eccles. Routledge, New York, 1990. xvi, 282 pp., illus. \$25.
- The Fifth Marcell Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation and Relativistic Field Theories.** (Perth, Australia, Aug. 1988.) D. G. Blair and M. J. Buckingham, Eds. World Scientific, Teaneck, NJ, 1989. 2 vols. lxxii, 1900 pp., illus., + index. \$148.
- Four Decades of Scientific Explanation.** Wesley C. Salmon. University of Minnesota Press, Minneapolis, 1990. xiv, 234 pp. Paper, \$14.95.
- Frontiers in Smooth Muscle Research.** Nicholas Sperelakis and Jackie Wood, Eds. Wiley-Liss, New York, 1989. xxxii, 849 pp. illus. \$195. Progress in Clinical and

Biological Research, vol. 327. From a symposium, Columbus, OH, May 1989.

**Fundamentals of Infrared Detector Operation and Testing.** John David Vincent. Wiley, New York, 1990. xxiv, 477 pp., illus. \$54.95. Wiley Series on Pure and Applied Optics.

**Gene Probes for Bacteria.** Alberto J. L. Macario and Everly Conway de Macario, Eds. Academic Press, San Diego, CA, 1990. xxiv, 515 pp., illus. \$89.

**Genes IV.** Benjamin Lewin. Oxford University Press, New York, 1990. xxii, 857 pp., illus. \$45.

**Genetic and Environmental Factors in Clinical Allergy.** David G. Marsh and Malcolm N. Blumenthal, Eds. University of Minnesota Press, Minneapolis, 1990. viii, 197 pp., illus. \$49.50.

**Geophysical Framework of the Continental United States.** L. C. Pakiser and Walter D. Mooney, Eds. Geological Society of America, Boulder, CO, 1989. x, 826 pp., illus., + maps. \$92.50. GSA, Memoir 172.

**Global Change and Our Common Future.** Ruth S. DeFries and Thomas F. Malone, Eds. National Academy Press, Washington, DC, 1989. xiv, 227 pp., illus. Paper, \$24. From a forum, Washington, DC, May 1989.

**Handbook of *in Vivo* Toxicity Testing.** Douglas L. Arnold, Harold C. Grice, and Daniel R. Krewski. Academic Press, San Diego, CA, 1990. xviii, 678 pp., illus. \$95.

**Harmonic Maps and Minimal Immersions Through Representation Theory.** Gabor Toth. Academic Press, San Diego, CA, 1990. xii, 154 pp., illus. \$24.95. Perspectives in Mathematics, vol. 12.

**Health Care Cost Containment.** Karen Davis *et al.* Johns Hopkins University Press, Baltimore, 1990. xii, 266 pp., illus. \$45; paper \$18.95. Johns Hopkins Studies in Health Care Finance and Administration.

**Information Processing in Mammalian Auditory and Tactile Systems.** Mark Rowe and Lindsay Aitkin, Eds. Wiley-Liss, New York, 1990. xvi, 312 pp., illus. \$79.50. Neurology and Neurobiology, vol. 56. From a conference, Thredbo, Australia, Feb. 1989.

**Integrable Systems in Quantum Field Theory and Statistical Mechanics.** M. Jimbo, T. Miwa, and A. Tsuchiya, Eds. Kinokuniya, Tokyo, and Academic Press, San Diego, CA, 1990. xii, 682 pp. \$89.50. Advanced Studies in Pure Mathematics, vol. 19. From symposia, Kyoto and Kyuzeso, Japan, Oct. 1988.

**Introduction to Remotely Sensed Data.** Part One of the MicroBRIAN Resource Manual. B. A. Harrison and D. L. B. Jupp. CSIRO, East Melbourne, Australia, 1989 (U.S. distributor, ISBS, Portland, OR). xii, 141 pp., illus. Paper, \$30.

**An Introduction to the Physical Chemistry of Biological Organization.** A. R. Peacocke. Clarendon (Oxford University Press), New York, 1989. xii, 310, illus. \$92; paper, \$33.95. Reprint, 1983 ed.

**An Invitation to Cognitive Science.** Daniel N. Osherson, Ed. MIT Press, Cambridge, MA, 1990. Vol. 1, Language. Daniel N. Osherson and Howard Lasnik, Eds. xx, 273 pp., illus. Vol. 2, Visual Cognition and Action. Daniel N. Osherson, Stephen Michael Kosslyn, and John M. Hollerbach, Eds. x, 356 pp., illus. Vol. 3, Thinking. Daniel N. Osherson and Edward E. Smith, Eds. Each vol., \$37.50; paper, \$18.95; the set, paper, \$55.

**John Dewey's Pragmatic Technology.** Larry A. Hickman. Indiana University Press, Bloomington, 1990. xx, 234 pp. \$29.95. Indiana Series in the Philosophy of Technology.

**Linear Prediction Theory.** A Mathematical Basis for Adaptive Systems. Peter Strobach. Springer-Verlag, New York, 1990. xvi, 422 pp., illus. \$53. Springer Series in Information Sciences, vol. 21.

**Mammalian Reproductive Biology.** F. H. Bronson. University of Chicago Press, Chicago, 1990. x, 325 pp., illus. \$45; paper, \$17.95.

**Managing the Environmental Crisis.** Incorporating Competing Values in Natural Resource Administration. Daniel H. Henning and William R. Mangun. Duke University Press, Durham, NC, 1989. xxii, 377 pp. \$48.50; paper, \$18.95.

**Matrix and Operator Extensions.** H. J. Woerdeman. Centrum voor Wiskunde en Informatica, Amsterdam, 1989. viii, 158 pp. Paper, Dfl. 48. CWI Tract 68.

**Microbiology of Extreme Environments and Its Potential for Biotechnology.** M. S. da Costa, J. C. Duarte, and R. A. D. Williams, Eds. Elsevier Applied Science, New York, 1989. xiv, 429 pp., illus. \$101. From a symposium, Troia, Portugal, Sept. 1988.

**The Natural History of China.** Zhao Ji *et al.*, Eds. McGraw-Hill, New York, 1990. 224 pp., illus. \$29.95.

**Nature Against Us.** The United States and the World Population Crisis, 1965-1980. Peter J. Donaldson. University of North Carolina Press, Chapel Hill, 1990. xvi, 207 pp. \$29.95.

**Nature, Experiment, and the Sciences.** Essays on Galileo and the History of Science in Honour of Stillman Drake. Trevor H. Levere and William R. Shea, Eds. Kluwer, Boston, 1990. xviii, 355 pp., illus. \$89. Boston Studies in the Philosophy of Science, vol. 120.

**Problems in Real Analysis.** A Workbook with Solutions. Charalamos D. Aliprantis and Owen Burkinshaw. Academic Press, San Diego, CA, 1990. viii, 285 pp. \$29.95.

**Progress into the Past.** The Rediscovery of Mycenaean Civilization. William A. McDonald and Carol G. Thomas. 2nd ed. Indiana University Press, Bloomington, 1990. xxiv, 534 pp., illus. \$29.95; paper, \$14.50.

**Purchasing Power in Health.** Business, the State, and Health Care Politics. Linda Bergthold. Rutgers University Press, New Brunswick, NJ, 1990. xviii, 213 pp. \$37.

**Representations of Lie Groups, Kyoto, Hiroshima, 1986.** K. Okamoto and T. Oshima, Eds. Academic Press, San Diego, CA, 1989. xii, 660 pp. \$99.50. Advanced Studies in Pure Mathematics, vol. 14. From a symposium, Kyoto and Hiroshima, Japan, Sept. 1986.

**Scattering Theory.** Peter D. Lax and Ralph S. Phillips. 2nd ed. Academic Press, San Diego, CA, 1990. xii, 309 pp. \$44.95.

**Science.** Good, Bad and Bogus. Martin Gardner. Prometheus, Buffalo, 1990. xviii, 412 pp. Paper, \$15.95. Reprint, 1981 ed.

**Scientific Explanation.** Philip Kitcher and Wesley C. Salmon, Eds. University of Minnesota Press, Minneapolis, 1990. xiv, 528 pp. \$35. Minnesota Studies in the Philosophy of Science, vol. 13.

**Second International Workshop on Physics and Applications of Amorphous Semiconductors.** (Torino, Italy, Sept. 1988.) F. Demicheli, Ed. World Scientific, Teaneck, NJ, 1990. x, 239 pp., illus. \$48.

**Selected Papers.** S. Chandrasekhar. University of Chicago Press, Chicago, 1990. Vol. 3, Stochastic, Statistical, and Hydromagnetic Problems in Physics and Astronomy. xiv, 642 pp. illus. Vol. 4, Plasma Physics, Hydrodynamics and Hydromagnetic Stability, and Applications of the Tensor-Virial Theorem. xiv, 585 pp., illus. Each vol. \$79.95; paper, \$29.95. Papers dated 1941-1958, and 1954-1968.

**SEM Microcharacterization of Semiconductors.** D. B. Holt and D. C. Joy, Eds. Academic Press, San Diego, CA, 1989. xiv, 452 pp., illus. \$89.50. Techniques of Physics.

**XVth International Colloquium on Group Theoretical Methods in Physics.** (Sainte-Adèle, Quebec, June-July 1988.) Y. Saint-Aubin and L. Vinet, Eds. World Scientific, Teaneck, NJ, 1989. xxiv, 766 pp., illus. \$85.

**Sociobiology and the Social Sciences.** Robert W. Bell and Nancy J. Bell, Eds. Texas Tech University Press, Lubbock, TX, 1990. vi, 129 pp., illus. \$25. Interfaces in Psychology, vol. 3.

**Special Functions.** Z. X. Wang and D. R. Guo. World Scientific, Teaneck, NJ, 1989. xviii, 695 pp. \$75. Translated from the Chinese by D. R. Guo and X. J. Xia.

**Superconductivity and Applications.** P. T. Wu *et al.*, Eds. World Scientific, Teaneck, NJ, 1989. xiv, 460 pp., illus. \$78. Progress in High Temperature Superconductivity, vol. 19. From a symposium, Hsinchu, Taiwan, April 1989.

**Thermoreception and Temperature Regulation.** J. Blyth and K. Voight, Eds. Springer-Verlag, New York, 1990. x, 306 pp., illus. \$59.50. From a symposium, Mareburg, F.R.G., July 1988.

**Third International Conference on Path Integrals from meV to MeV.** (Bangkok, Thailand, Jan. 1989.) Virulh Sa-yakanit *et al.*, Eds. World Scientific, Teaneck, NJ, 1989. xxviii, 556 pp., illus. \$68.

**III Mexican School of Particles and Fields.** (Oaxtepec, Mexico, Dec. 1988.) J. L. Lucio and A. Zepeda, Eds. World Scientific, Teaneck, NJ, 1989. viii, 301 pp., illus. \$58.

**Vacuum and Surface Analysis.** Vol. 3. Hua Zhong-Yi, Ed. World Scientific, Teaneck, NJ, 1990. x, 303 pp., illus. \$78. From a seminar, Shanghai, China, Oct. 1988.

**Vogel's Textbook of Practical Organic Chemistry.** Brian S. Furniss *et al.* 5th ed. Longman Scientific, Harlow, U.K., and Wiley, New York, 1989. xx, 1514 pp., illus. \$84.95.

**Vogel's Textbook of Quantitative Chemical Analysis.** G. H. Jeffery *et al.* 5th ed. Longman Scientific, Harlow, U.K., and Wiley, New York, 1989. xxx, 877 pp., illus. \$87.95.

**Who Built America?** Working People and the Nation's Economy, Politics, Culture, and Society. Vol. 1. Bruce Levine *et al.* Pantheon, New York, 1990. xviii, 606 pp., illus. \$34.95. American Social History Project.