

IN BRIEF

Biophysics and Medical Physics

Squire's Fundamentals of Radiology. 5th edition. R. A. Novelline. Harvard U. P., Cambridge, Mass., 1997 [1964]. 621 pp. \$69.95 *hc* ISBN 0-674-83339-2

Chemical Physics

Giant Molecules: Here, There, and Everywhere.... A. Yu. Grosberg, A. R. Khokhlov. Academic Press, San Diego, Calif.,

1997. 244 pp. \$39.95 *hc* ISBN 0-12-304130-9, *Diskette*

New Methods in Computational Quantum Mechanics. *Advances in Chemical Physics* 93. I. Prigogine, S. A. Rice, eds. Wiley, New York, 1997. 813 pp. \$54.95 *pb* ISBN 0-471-19127-2

Physical Adsorption: Forces and Phenomena. *International Series of Monographs on Chemistry* 33. L. W. Bruch, M. W. Cole, E. Zaremba. Oxford U. P., New York, 1997. 340 pp. \$85.00 *hc* ISBN 0-19-855638-1

X-Ray Charge Densities and Chemical

Bonding. *International Union of Crystallography Texts on Crystallography* 4. P. Coppens. Oxford U. P., New York, 1997. 358 pp. \$85.00 *hc* ISBN 0-19-509823-4

Computers and Computational Physics

Adaptive Cooperative Systems. *Wiley Series on Adaptive and Learning Systems for Signal Processing, Communications, and Control*. M. Beckerman. Wiley, New York, 1997. 427 pp. \$64.95 *hc* ISBN 0-471-01287-4

Evolutionary Algorithms in Engineering Applications. D. Dasgupta, Z. Michalewicz, eds. Springer-Verlag, New York, 1997. 554 pp. \$69.95 *hc* ISBN 3-540-62021-4

Self-Organizing Maps. *Springer Series in Information Sciences* 30. 2nd edition. T. Kohonen. Springer-Verlag, New York, 1997 [1995]. 426 pp. \$49.95 *pb* ISBN 3-540-62017-6

Weakly Connected Neural Networks. *Applied Mathematical Sciences* 126. F. C. Hoppensteadt, E. M. Izhikevich. Springer-Verlag, New York, 1997. 400 pp. \$49.95 *hc* ISBN 0-387-94948-8

Condensed Matter Physics

Advances in Neutron Optics and Related Research Facilities. *Proc. Symp.*, Osaka, Japan, Mar. 1996. M. Utsuro, S. Kawano, T. Kawai, A. Kawaguchi, eds. The Physical Society of Japan, Tokyo, Japan, 1996. 349 pp. 12,000 yen *hc* ISSN 0031-9015

Bosonization of Interacting Fermions in Arbitrary Dimensions. P. Kopietz. Springer-Verlag, New York, 1997. 259 pp. \$49.00 *hc* ISBN 3-540-62720-0

Electron Spectrum of Gapless Semiconductors. *Springer Series in Solid-State Sciences* 116. I. M. Tsidilkovski. Springer-Verlag, New York, 1997. 249 pp. \$99.50 *hc* ISBN 3-540-61013-8

Handbook Series on Semiconductor Parameters, Vol. 1. M. Levinshtein, S. Rumyantsev, M. Shur, eds. World Scientific, River Edge, N.J., 1996. 218 pp. \$78.00 *hc* ISBN 981-02-2934-8

The Kondo Problem to Heavy Fermions. *Cambridge Studies in Magnetism* 2. A. C. Hewson. Cambridge U. P., New York, 1997. 444 pp. \$49.95 *pb* ISBN 0-521-59947-4

Simulations for Solid State Physics: An Interactive Resource for Students and Teachers. R. H. Silsbee, J. Dräger. Cambridge U. P., New York, 1997. 348 pp. \$59.95 *hc* (\$24.95 *pb*) ISBN 0-521-59094-9 *hc* (0-521-59911-3 *pb*), *CD-ROM*

Cosmology and Relativity

Relativity and Gravitation. P. Turrente (translated from the French by A. King). Cambridge U. P., New York, 1997. 242 pp. \$64.95 *hc* (\$29.95 *pb*) ISBN 0-521-45075-6 *hc* (0-521-45685-1 *pb*)

Energy and Environment

Behind the Nuclear Curtain: Radioactive Waste Management in the Former Soviet Union. D. J. Bradley. Battelle Press, Columbus, Ohio, 1997. 716 pp. \$95.00 *hc* ISBN 1-57477-022-5

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