

The following books have been received in the offices of *The Industrial Physicist*.

**Air-Sea Interaction: Laws and Mechanisms.** G. T. Csandady. Cambridge University Press, London, New York, 2001. 239 pp. \$34.95 *pb* ISBN 0-521-79680-6.

**Applications of Silicon-Germanium Heterostructure Devices.** *Series in Optics and Optoelectronics.* C. K. Maiti, G. A. Armstrong. Institute of Physics Publishing, Bristol, Philadelphia, 2001. 401 pp. \$130.00 *hb* ISBN 0-7503-0723-4.

**The Basics of Crystallography and Diffraction.** Second Edition. International Union of Crystallography. C. Hammond. Oxford University Press, Huntington, New York, 2001. 331 pp. \$40.00 *pb* ISBN 0-19-850552-3.

**The Basics of Spectroscopy.** A. R. Weeks, Jr., ed. The Society of Photo-Optical Instrumentation Engineers, Washington, 2001. 122 pp. \$44.00 *pb* ISBN 0-8194-4104-X.

**Calibration and Orientation of Cameras in Computer Vision.** A. Gruen, T. S. Huang, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 235 pp. \$74.95 *hb* ISBN 3-540-65283-3.

**Cellular Image Processing.** T. Yang. Nova Science Publishers, Huntington, New York, 2001. 281 pp. \$79.00 *hb* ISBN 1-56072-979-1.

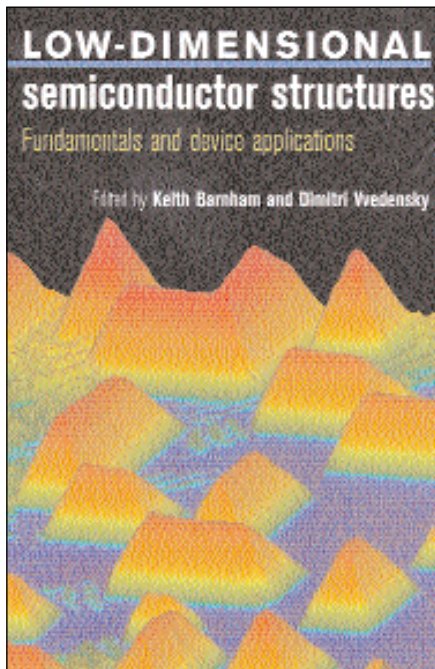
**Computational Image Quality.** R. Janssen. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 143 pp. \$44.00 *pb* ISBN 0-8194-4132-5.

**The Chemical Physics of Solid Surfaces. Volume 9. Oxide Surfaces.** D. P. Woodruff, ed. Elsevier Science, Amsterdam, London, New York, Oxford, Paris, Shannon, Tokyo, 2001. 656 pp. \$362.00 *hb* ISBN 0-444-50745-0.

**Dynamical Theory of X-Ray Diffraction.** A. Authier. Oxford University Press, Huntington, New York, 2001. 661 pp. \$150.00 *hb* ISBN 1-19-855960-7.

**Dynamics of Heterogeneous Materials.** V. F. Nesterenko. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 510 pp. \$139.00 *hb* ISBN 0-387-95266-7.

**Fluid Dynamics: Theory, Computation,**



**and Numerical Simulation.** C. Pozrikidis. Kluwer Academic Publishers, Boston, Dordrecht, London, 2001. 675 pp. \$140.00 *hb* ISBN 0-7923-7351-0.

**Fracture of Solids with Microdefects.** V. Tamuzs, N. Romalis, V. Petrova. Nova Science Publishers, Huntington, New York, 2001. 238 pp. \$69.00 *hb* ISBN 1-56072-841-8.

**The Friction and Lubrication of Solids.** *Oxford Classic Texts in the Physical Sciences.* F. P. Bowden, D. Tabor. Clarendon Press, Oxford, New York, 2001. 374 pp. \$45.00 *pb* ISBN 0-19-850777-1.

**Fundamentals of Computational Fluid Dynamics.** H. Lomax, T. Pulliam, D. Zingg. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 249 pp. \$49.95 *pb* ISBN 3-540-41607-2.

**High-Performance Ceramics. Proceedings of the First China International Conference.** D. S. Yan, Z. D. Guan, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 683 pp. \$289.00 *hb* ISBN 7-302-02536-3/TB 26.

**Introduction to the Electron Theory of Metals.** U. Mizutani. Cambridge University Press, London, New York, 2001. 590 pp. \$49.95 *pb* ISBN 0-521-58709-3.

**LIA Handbook of Laser Materials Processing.** J. F. Ready, D. F. Farson, eds. Laser Institute of America, Magnolia Publishing,

Inc., Florida, 2001. 715 pp. \$240.00 *hb* ISBN 0-941463-02-8.

**Life at the Cell and Below-Cell Level: The Hidden History of a Fundamental Revolution in Biology.** G. N. Ling. Pacific Press, New York, 2001. 373 pp. \$19.95 *pb* ISBN 0-9707322-0-1.

**Low-Dimensional Semiconductor Structures: Fundamentals and Device Applications.** K. Barnham, D. Vvedensky, eds. Cambridge University Press, London, New York, 2001. 393 pp. \$59.95 *hb* ISBN 0-521-59103-1.

**Low Temperature Electronics, Physics, Devices, Circuits, and Applications.** E. A. Gutiérrez-D., M. J. Deen, C. Claeys. Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 964 pp. \$299.00 *hb* ISBN 0-12-310675-3.

**Machine Learning: ECML 2001. 12th European Conference on Machine Learning, Freiburg, Germany, September 2001 Proceedings.** L. D. Raedt, P. Flach, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 618 pp. \$91.00 *pb* ISBN 3-540-42536-5.

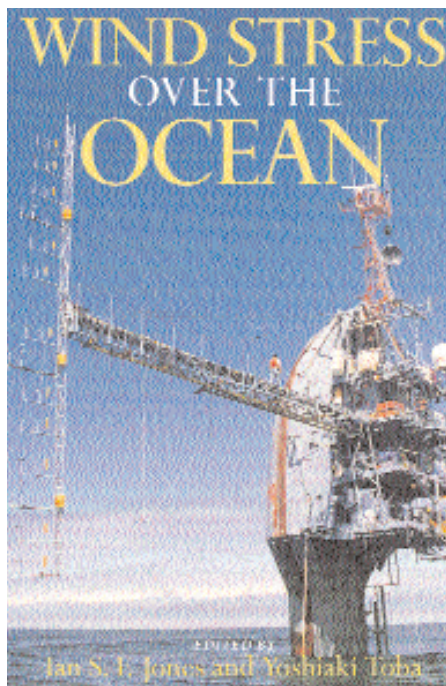
**Noise in Semiconductor Devices: Modeling and Simulation.** F. Bonani, G. Ghione. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 213 pp. \$79.95 *pb* ISBN 3-540-66583-8.

**New Trends in Fluorescence Spectroscopy: Applications to Chemical and Life Sciences.** B. Valeur, J.-C. Brochon, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 490 pp. \$99.00 *pb* ISBN 3-540-67779-8.

**Ocean Circulation & Climate: Observing and Modelling the Global Ocean.** G. Siedler, J. Church, J. Gould. Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 715 pp. \$99.95 *hb* ISBN 0-12-641351-7.

**Optical Measurements: Techniques and Applications.** F. Mayinger, O. Feldmann, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 403 pp. \$99.00 *hb* ISBN 3-540-66690-7.

**Polyoxometalate Chemistry from Topology via Self-Assembly to Applications.** M. T. Pope, A. Müller, eds. Kluwer Academic Pub-



lishers, Boston, Dordrecht, London, 2001. 427 pp. \$120.00 *hb* ISBN 0-7923-7011-2.

**Principles of Computerized Tomographic Imaging.** *Classics in Applied Mathematics.* A. C. Kak, M. Slaney. Society for Industrial and Applied Mathematics, Philadelphia, 2001. 327 pp. \$59.00 *pb* ISBN 0-89871-494-X.

**Probability with Statistical Applications.** R. B. Schinazi. Birkhauser, Boston, Basel, Berlin, 2001. 218 pp. \$44.95 *pb* ISBN 3-7643-4247-1.

**Recent Advances in Experimental Designs and Related Topics.** *Papers Presented at the Conference in Honor of Professor Damaraju Raghavarao.* S. Altan, J. Singh, eds. Nova Science Publishers, Inc., Huntington, New York, 2001. 232 pp. \$89.00 *hb* ISBN 1-56072-956-2.

**Scalable Quantum Computers: Paving the Way to Realization.** S. L. Braunstein, H.-K. Lo, eds. Wiley-Vch, Berlin, Weinheim, New York, Chichester, Brisbane, Singapore, Toronto, 2001. 368 pp. \$125.00 *hb* ISBN 3-527-40321-3.

**Solid-Liquid Interface Theory.** J. W. Halley, ed. Oxford University Press, Huntington, New York, 2001. 230 pp. \$110.00 *hb* ISBN 0-8412-3717-4.

**Spin Electronics.** M. Ziese, M. J. Thornton, eds. Springer-Verlag, Berlin, Heidelberg, New York,

2001. 493 pp. \$89.95 *hb* ISBN 3-540-41804-0.

**Studies of High Temperature Superconductors (Advances in Research and Applications): The BSCCO System. Volume 36.** A. Narlikar, ed. Nova Science Publishers, Huntington, New York, 2001. 181 pp. \$89.00 *hb* ISBN 1-59033-025-0.

**Volume 37.** A. Narlikar, ed. Nova Science Publishers, Huntington, New York, 2001. 248 pp. \$89.00 *hb* ISBN 1-59033-026-9.

**Superconductor/Semiconductor Junctions.** *Springer Tracts in Modern Physics.* T. Schäpers. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 145 pp. \$79.95 *hb* ISBN 3-540-42220-X.

**Surface and Colloid Science. Volume 16.** E. Matijevic, ed. Kluwer Academic Publishers, Dordrecht, Boston, London, 2001. 407 pp. \$115.00 *hb* ISBN 0-306-46456-X.

**Thin Film Magnetoresistive Sensors.** *Institute of Physics Series in Sensors.* S. Tumanski. Institute of Physics Publishing, Bristol, Philadelphia, 2001. 441 pp. \$120.00 *hb* ISBN 0-7503-0702-1.

**Time Series Data Analysis and Theory.** *Classics in Applied Mathematics.* D. R. Brillinger. Society for Industrial and Applied Mathematics, Philadelphia, 2001. 540 pp. \$59.00 *pb* ISBN 0-89871-501-6.

**Turbulence Structure and Vortex Dynamics.** J. C. R. Hunt, J. C. Vassilicos, eds. Cambridge University Press, London, New York, 2001. 306 pp. \$80.00 *hb* ISBN 0-521-78131-0.

**Wind Stress Over the Ocean.** I. S. F. Jones, Y. Toba. Cambridge University Press, London, New York, 2001. 307 pp. \$80.00 *hb* ISBN 0-521-66243-5.

**Workload Characterization of Emerging Computer Applications.** L. K. John, A. M. G. Maynard, eds. Kluwer Academic Publishers, Dordrecht, Boston, London, 2001. 231 pp. \$140.00 *hb* ISBN 0-7923-7315-4. ■