

The following books recently have been received in the offices of The Industrial Physicist. Comments and questions about the list may be addressed to Stephanie Jankowski, One Physics Ellipse, College Park, MD 20740-3843; tel. 301-209-3004; fax 301-209-0842; e-mail sjankows@aip.org.

Advances in Chemical Physics. Advances in Chemical Physics Volume 117. I. Prigogine, S. A. Rice. John Wiley & Sons, Ltd., Chichester, New York, Weinheim, Brisbane, Singapore, Toronto, 2001. 827 pp. \$175.00 hb ISBN 0-471-40542-6.

Computer Science Project Work: Principles and Pragmatics. S. Fincher, M. Petre, M. Clark, eds. Springer-Verlag, London, Berlin, Heidelberg, 2001. 267 pp. \$79.00 hb ISBN1-85233-357-X.

Digital Speckle Pattern Interferometry and Related Techniques. P. K. Rastogi, ed. John Wiley & Sons, Ltd., Chichester, New York, Weinheim, Brisbane, Singapore, Toronto, 2001. 368 pp. \$100.00 hb ISBN0-471-49052-0.

Electronics and Communications for Scientists and Engineers. M. Plonus. Harcourt/Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 415 pp. \$64.95 hb ISBN0-12-533084-7.

Eliciting and Analyzing Expert Judgment: A Practical Guide. M. A. Meyer, J. M. Booker. SIAM, Philadelphia, PA, 2001. 459 pp. \$85.00 hc ISBN 0-89871-474-5.

Imaging in Chemical Dynamics. ACS Symposium Series 770. A. G. Suits, R. E. Continetti, eds. Oxford University Press, 2001. 411 pp. \$150.00 hc ISBN0-8412-3690-9.

Intermittency in Turbulent Flows. J. C. Vassilicos, ed. Cambridge University Press, New York, 2001. 276 pp. \$74.95 hc ISBN0-521-79221-5.

Liquid Crystals: Experimental Study of Physical Properties and Phase Transitions. S. Kumar. Cambridge University Press, New York, 2001. 483 pp. \$110.00 hb ISBN0-521-46132-4.

Materials Modification by Electronic Excitation. N. Itoh, A. M. Stoneham. Cambridge University Press, New York, 2001. 520 pp. \$150.00 hc ISBN 0-521-55498-5.

- Numerical Simulation of Reactive Flow.** J. P. Boris. Cambridge University Press, New York, 2001. 529 pp. \$90.00 hc ISBN0-521-58175-3.
- Optical Design Fundamentals for Infrared Systems.** M. J. Riedl. SPIE Press, Bellingham, Washington, 2001. 182 pp. \$50.00 pb ISBN0-8194-4051-5.
- Optoelectronics and Photonics: Principles and Practices.** S. O. Kasap. Prentice Hall, New Jersey, 2001. 340 pp. \$105.00 hb ISBN 0-201-61087-6.
- Photodetectors and Fiber Optics.** H. Singh Nalwa. Harcourt/Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 552 pp. \$195.00 hb ISBN 0-12-513908-X.
- Practical Guide to Surface Science Spectroscopy.** Y. Chung. Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 186 pp. \$79.95 hb ISBN 0-12-174610-0.
- Quasi-hydrodynamic Semiconductor Equations: Equations and Their Applications.** A. Jünger. Birkhäuser, Basel, Boston, Berlin, 2001. 293 pp. \$109.00 hb ISBN 3-7643-6349-5.
- Radioactive Waste Disposal at Sea.** L. Ringius. MIT Press, Cambridge, Massachusetts, 2001. 261 pp. \$23.95 pb ISBN0-262-68118-8.
- Scientific Charge-Coupled Devices.** J. R. Janesick. SPIE Press, Bellingham, Washington, 2001. 906 pp. \$70.00 hb ISBN0-8194-3698-4.
- Sea Level Rise: History and Consequences.** B. C. Douglas, M. S. Kearney, S. P. Leatherman, eds. Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 232 pp. \$59.95 hb ISBN0-12-221345-9.
- Solid-State Lasers for Materials Processing: Fundamental Relations and Technical Realizations.** R. Iffländer. Springer-Verlag, Berlin, Heidelberg, 2001. 350 pp. \$79.95 hb ISBN 3-540-66980-9.
- Structural Monitoring with Fiber Optic Technology.** R. M. Measures. Academic Press, San Diego, San Francisco, New York, Boston, London, Sydney, Tokyo, 2001. 716 pp. \$175.00 pb ISBN0-12-487430-4.
- The Fractional Fourier Transform with Applications in Optics and Signal Processing.** H. M. Ozaktas, Z. Zalevsky, M. A. Kutay, eds. John Wiley & Sons, Ltd., Chichester, New York, Weinheim, Brisbane, Singapore, Toronto, 2001. 513 pp. \$65.00 hb ISBN0-471-96346-1.
- The Motion of Bubbles and Drops in Reduced Gravity.** R. S. Subramanian, R. Balasubramanian. Cambridge University Press, New York, 2001. 471 pp. \$100.00 hb ISBN 0-521-49605-5.
- Theory of Defects in Solids: Electronic Structure of Defects in Insulators and Semiconductors.** A. M. Stoneham. Oxford University Press, New York, 2001. 955 pp. \$50.00 hb ISBN0-19-850780-1. 