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A Primer for Sampling Solids, Liquids, and Gases: Based on the Seven Sampling Errors of Pierre Gy. P. L. Smith, eds. Society for Industrial and Applied Mathematics, Philadelphia, 2001. 96 pp. \$45.00 hb ISBN 0-89871-473-7.

Active Glass for Photonic Devices: Photo-induced Structures and Their Application. K. Hirao, T. Mitsuyu, J. Si, J. Qui, eds. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 234 pp. \$69.95 hb ISBN 3-540-41065-1.

Advances in Crystal Growth Inhibition Technologies. Z. Amjad, ed. Kluwer Academic, New York, Boston, Dordrecht, London, Moscow, New York, 2001. 277 pp. \$135.00 hb ISBN 0-360-46499-3.

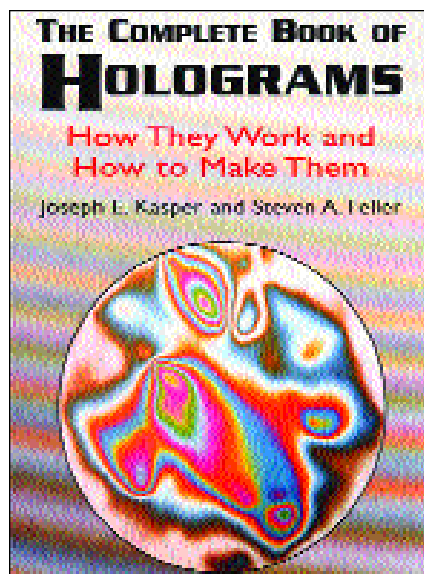
Advances in Photochemistry. Volume 26. D. C. Neckers, G. von Büna, W. S. Jenks, eds. John Wiley & Sons, New York, Chichester, Weinheim, Brisbane, Singapore, Toronto, 2001. 232 pp. \$150.00 hb ISBN 0-471-39467-X.

Application of Accelerators in Research and Industry. AIP Conference Proceedings, Vol. 576. J. L. Duggan, I. L. Morgan, eds. American Institute of Physics, New York, 2001. 1200 pp. \$280.00 hb ISBN 0-7354-0015-6.

Basic Semiconductor Physics. C. Hamaguchi. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 434 pp. \$54.95 pb ISBN 3-540-41639-0.

The Complete Book of Holograms: How They Work and How to Make Them. J. E. Kasper, S. A. Feller. Dover Publications, Inc., Mineola, New York, 2001. 216 pp. \$10.95 pb ISBN 0-486-41580-5.

Conquering Statistics: Numbers Without The Crunch. J. H. Weaver. Perseus Publish-



ing, Cambridge, Massachusetts. 2001. 236 pp. \$17.00 pb ISBN 0-7382-0495-1.

Control of Electrical Drives. W. Leonhard. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 460 pp. \$69.95 hb ISBN 3-540-41820-2.

Crystal Lattice Defects & Dislocation Dynamics. R. A. Vardanian, ed. Nova Science Publishers, Huntington, New York, 2001. 246 pp. \$89.00 hb ISBN 1-56072-877-9.

Density Functional Theory and Its Application to Materials. AIP Conference Proceedings, Vol. 577. V. Van Doren, C. Van Alsenoy, eds. Institute of Physics Publishing, Bristol, Philadelphia, Munich, St. Petersburg, Beijing, 2001. 207 pp. \$120.00 pb ISBN 0-7354-0016-4.

Fourier Transforms in Spectroscopy. J. Kauppinen, J. Partanen. Wiley-VCH, Berlin, New York, Chichester, Weinheim, Brisbane, Singapore, Toronto, 2001. 271 pp. \$125.00 hb ISBN 3-527-40289-6.

Fundamental Aspects of Silicon Oxidation. Y. J. Chabal, ed. Springer-Verlag, Berlin, Heidelberg, New York, 2001. 260 pp. \$69.95 hb ISBN 3-540-41682-X.

Handbook of Elastic Properties of Solids, Liquids, and Gases. Volume 1. Dynamic Methods for Measuring the Elastic Properties of Solids. A. G. Every, W. Sachse, vol. eds. Academic Press, San Diego, San Francisco,

Boston, London, Sydney, New York, 2001. 518 pp. \$1,500.00 set. hb ISBN 0-12-445760-6.

Volume 2. Elastic Properties of Solids: Theory, Elements and Compounds, Novel Materials, Technological Materials, Alloys and Building Materials. 418 pp. hb ISBN 0-12-445762-2.

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Volume 4. Elastic Properties of Fluids: Liquids and Gases. 557 pp. hb ISBN 0-12-445764-9.

Handbook of Shock Waves. Volume 1. Theoretical, Experimental, and Numerical Techniques. G. Ben-Dor, O. Igra, T. Elperin, vol. eds. Academic Press, San Diego, San Francisco, Boston, London, Sydney, New York, 2001. 889 pp. \$1,500.00 set. hb ISBN 0-12-086431-2.

Volume 2. Shock Wave Interactions and Propagation. 792 pp. hb ISBN 0-12-086432-2.

Volume 3. Chemical Reactions in Shock Waves and Detonations. 421 pp. hb ISBN 0-12-086433-9.

Industrial Plasma Engineering. Volume 2. Applications to NonThermal Plasma Processing. J. R. Roth. Institute of Physics Publishing, Bristol, Philadelphia, Munich, St. Petersburg, 2001. 311 pp. \$176.00 pb ISBN 0-7503-0545-2.

Inventing Modern America: From the Microwave to the Mouse. D. E. Brown. MIT Press, Cambridge, London, 2001. 205 pp. \$29.95 pb ISBN 0-262-02508-6.

Laser Beam Scintillation with Applications. L. C. Andrews, R. L. Phillips, C. Y. Hopen. SPIE Optical Engineering Press, Bellingham, Washington, 2001. 375 pp. \$72.00 hb ISBN 0-8194-4103-1.

Laser-Induced Breakdown Spectrometry. Y. Lee, K. Song, J. Sneddon. Nova Science Publishers, Huntington, New York, 2001. 178 pp. \$79.00 pb ISBN 1-56072-839-6.

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- Polarised Light in Science & Nature.** D. Pye, ed. Institute of Physics Publishing, Bristol, Philadelphia, 2001. 518 pp. \$120.00 hb ISBN 0-306-46588-4.
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- Review of Progress in Quantitative Non-destructive Evaluation.** Volume 20B. 2043 pp. hb ISBN1-56396-988-2.
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- Theory of Heat.** J. C. Maxwell. Dover Publications, Inc., Mineola, N.Y., 2001. 364 pp. \$14.95 pb ISBN 0-486-41735-2. 