

clear presentations and could be understood by both the intelligent layman and the research worker. I tried to choose some of them as outstanding examples that please me more than the others and the more I looked, the more I had difficulty choosing any single one. Those that I first selected as less outstanding were found to be equally interesting upon further reading.

* * *

L. Marton is an electron physicist with the National Bureau of Standards. He is engaged in the international relations aspects of science.

NEW BOOKS

ELEMENTARY PARTICLES

Advances in Particle Physics, Vol. 1. R. L. Cool, R. E. Marshak, eds. 497 pp. Interscience Publishers, New York, 1968. \$18.95

NUCLEI

Introduction to Nuclear Theory. By I. E. McCarthy. 555 pp. John Wiley & Sons, New York, 1968. \$13.95

Collective Models of the Nucleus. By J. P. Davidson. 238 pp. Academic Press, New York, 1968. \$12.00

ATOMS, MOLECULES, CHEMICAL PHYSICS

Chemical Applications of Mössbauer Spectroscopy. V. I. Goldanski, R. H. Herber, eds. 701 pp. Academic Press, New York, 1968. \$29.00

Growth of Crystals, Vol. 5A. Conf. Proc. (Moscow, November 18-25, 1963). N. N. Sheftal, ed. 155 pp. Consultants Bureau (Plenum Publishing, New York), 1968. \$17.50

Growth of Crystals, Vol. 5B. Conf. Proc. (Moscow, November 18-25, 1963). N. N. Sheftal, ed. 199 pp. Consultants Bureau (Plenum Publishing, New York), 1968. \$22.50

Growth of Crystals, Vol. 6A. Conf. Proc. (Moscow, November 18-25, 1963). N. N. Sheftal, ed. 182 pp. Consultants Bureau (Plenum Publishing, New York), 1968. \$20.00

Growth of Crystals, Vol. 6B. Conf. Proc. (Moscow, November 18-25, 1963). N. N. Sheftal, ed. 193 pp. Consultants Bureau (Plenum Publishing, New York), 1968. \$20.00

Photoluminescence of Solutions: With Applications to Photochemistry and Analytical Chemistry. By C. A. Parker. 544 pp. American Elsevier Publishing, New York, 1968. \$30.00

Chemistry and Physics of Carbon: A Series of Advances, Vol. 4. Philip L. Walker, Jr., ed. 399 pp. Marcel Dekker, New York, 1968. \$20.75

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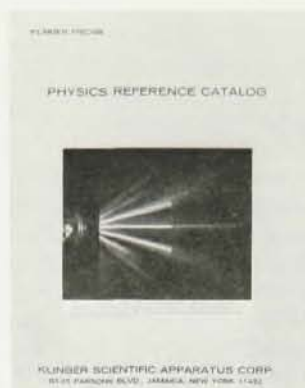
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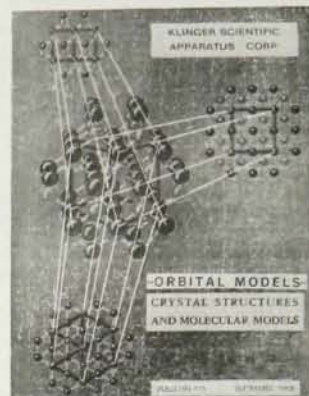
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Landolt-Börnstein: Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik. II. Band: Eigenschaften der Materie in Ihren Aggregatzuständen. Gasgleichgewichte. Klaus Schäfer, ed. 397 pp. Springer-Verlag, New York, 1968. \$57.50

ELECTRICITY AND MAGNETISM

Einführung in die Theoretische Physik: Das Elektromagnetische Feld. By Werner Döring. Vol. 77-77a, 140 pp. Walter de Gruyter, Berlin, 1968. DM 5.80

Theory of Waveguides and Cavity Resonators. By Emile Argence, Theo Kahan. 424 pp. Hart Publishing, New York, 1968. \$15.00

FLUIDS, PLASMAS

Plasma Physics, Vol. 32. Conf. Proc. (P. N. Lebedev Physics Inst., Moscow). D. V. Skobel'tsyn, ed. 201 pp. Consultants Bureau (Plenum Publishing, New York), 1968.

The Theory of Rotating Fluids: Cambridge Monographs on Mechanics and Applied Mathematics. By H. P. Greenspan. 327 pp. Cambridge University Press, New York, 1968. \$15.00

SOLIDS

Growth and Imperfections of Metallic Crystals. D. E. Ovsienko, ed. (Trans. from Russian). 268 pp. Consultants Bureau (Plenum Publishing, New York), 1968.

Solid State Physics: Advances in Research and Applications, Vol. 21. Frederick Seitz, David Turnbull, Henry Ehrenreich, eds. 513 pp. Academic Press, New York, 1968. \$24.50

Untersuchungen über Ferroelektrische Domänenwände und Nachwirkungerscheinungen. By Heinz Bittel, H. E. Müser, Günter Berndes. 37 pp. Westdeutscher Verlag, Germany, 1968. DM 24.60.

Les Centres Colorés dans les Cristaux Ioniques: Colloque de la Société Française de Physique. 188 pp. Presses Universitaires de France. 35 F.

ASTRONOMY, SPACE, GEOPHYSICS

The Tides: Pulse of the Earth. By Edward P. Clancy. 228 pp. Doubleday, New York, 1968. \$4.95

Unveiling the Universe: The Aims and Achievements of Astronomy. By Harley Wood. 240 pp. American Elsevier Publishing, New York, 1968. \$9.50

The Riddle of the Universe. By W. M. Smart. 228 pp. John Wiley & Sons, New York, 1968. \$5.00

Acceleration Due to Gravity at the National Bureau of Standards: Monograph 107. By D. R. Tate. 20 pp. US Govt.

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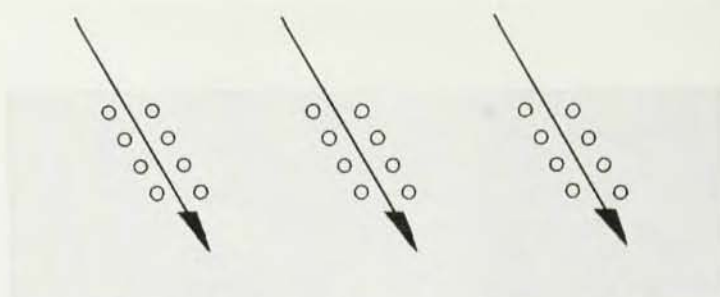
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Laser Parameter Measurements Handbook. H. G. Heard, ed. 489 pp. John Wiley & Sons, New York, 1968. \$15.95

Hyperfine Structure and Nuclear Radiations. Conf. Proc. (Pacific Grove, Calif., Aug., 1967) E. Matthias, D. A. Shirley, eds. 1097 pp. North-Holland, Amsterdam (Interscience, New York), 1968. \$25.00

Fabrication of Thorium Fuel Elements: An AEC Monograph. L. R. Weissert, G. Schileo, eds. 208 pp. American Nuclear Society. \$10.00 to American Nuclear Society and American Society for Metals members; \$11.10 to all others.

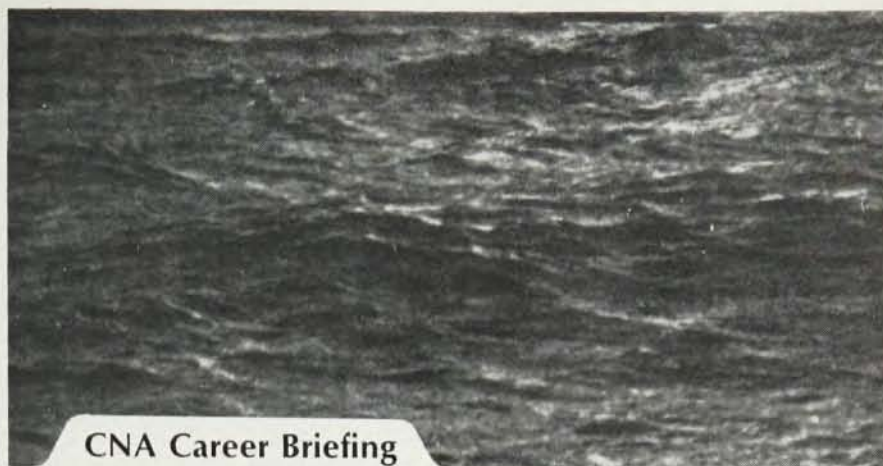
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