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ACOUSTICS

Ceramic Acoustic Detectors. By Alevtina Aleksandrovna Anan'eva. Transl. from the Russian. 122 pp. Consultants Bureau, New York, 1965. Paper \$22.50.

Physical Acoustics. Principles and Methods. Vol. 2, Part A, Properties of Gases, Liquids, and Solutions. Warren P. Mason, ed. 476 pp. Academic, New York, 1965. \$17.00.

Ultrasonic Engineering. By Julian R. Frederick. 379 pp. John Wiley, New York, 1965. \$15.00.

ASTRONOMY & ASTROPHYSICS

The Quest. A Report on Extraterrestrial Life. By Tom Allen. 323 pp. Chilton, Philadelphia, Pa., 1965. \$4.95.

Lunar and Planetary Surface Conditions. By Nicholas A. Weil. 222 pp. Academic, New York, 1965. \$10.00.

ATOMIC & MOLECULAR PHYSICS

The Classical Atom. By Francis L. Friedman and Leo Sartori. 118 pp. Addison-Wesley, Reading, Mass., 1965. Paper \$2.50.

BIOPHYSICS & MEDICAL PHYSICS

Structure and Function in Biological Membranes, Volume 2. By J. Lee Kavanau. 760 pp. Holden-Day, San Francisco, 1965. \$14.75.

The Photochemical Origin of Life. By A. Dauvillier. Transl. from the French by Scripta Technica. 193 pp. Academic, New York, 1965. \$7.50.

COMPUTATION & COMMUNICATION

Systems and Simulation. By Dimitris N. Chorafas. 501 pp. Academic, New York, 1965. \$14.50.

Automat und Mensch. Kybernetische Tatsachen und Hypothesen (3rd ed.). By Karl Steinbuch. 454 pp. Springer-Verlag, Berlin and New York, 1965. DM 36.

EDUCATION

An Author's Guide to Scholarly Publishing and the Law. By John C. Hogan and Saul Cohen. 167 pp. Prentice-Hall, Englewood Cliffs, N. J., 1965. \$5.50.

ELECTRICITY & MAGNETISM

Progress in Radio Science 1960-1963. Volume 3, The Ionosphere. Conf. Proc. (Tokyo, Sept. 1963). 196 pp. American Elsevier, New York, 1965. \$13.00.

Progress in Radio Science 1960-1963. Volume 1, Radio Standards and Measurements. Conf. Proc. (URSI, Tokyo, Sept. 1963). Robert Wm. Beatty, ed. 111 pp. Elsevier, New York, 1965. \$9.00.

Magnetic Thin Films. By Ronald F. Soohoo. 316 pp. Harper & Row, New York, 1965. \$11.75.

The Theory of Magnetism. An Introduction to the Study of Cooperative Phenomena. By Daniel C. Mattis. 303 pp. Harper & Row, New York, 1965. \$11.50.

Quantum Electron Theory of Amorphous Conductors. By Aleksandr Ivanovich Gubanov. Transl. from the Russian by A. Tybulewicz. 277 pp. Consultants Bureau, New York, 1965. \$17.50.

Electrical Coronas. Their Basic Physical Mechanisms. By Leonard B. Loeb. 694 pp. University of California Press, Berkeley, 1965. \$14.00.

ELECTRONICS

Principles of Electron Tubes. Including Grid-Controlled Tubes, Microwave Tubes, and Gas Tubes. By J. W. Gewartowski and H. A. Watson. 655 pp. Van Nostrand, Princeton, N. J., 1965. \$18.50.

Quantum Physics of Electronics. By Sumner N. Levine. 301 pp. Macmillan, New York, 1965. \$8.95.

Advances in Electronics and Electron Physics, Volume 20. L. Marton ed. 332 pp. Academic, New York, 1965. \$12.00.

EXPERIMENTAL TECHNIQUES

Humidity and Moisture. Measurement and Control in Science and Industry. Volume 2, Applications. Elias J. Amdur, ed. 634 pp. Reinhold, New York, 1965. \$27.50.

Humidity and Moisture. Measurement and Control in Science and Industry. Vol. 3, Fundamentals and Standards. Arnold Wexler and William A. Wildhack, eds. 551 pp. Reinhold, New York, 1965. \$25.00.

Humidity and Moisture. Measurement and Control in Science and Industry. Vol. 4, Principles and Methods of Measuring Moisture in Liquids and Solids. Arnold Wexler and Paul N. Winn, Jr., eds. 333 pp. Reinhold, New York, 1965. \$20.00.

Progress in Radio Science 1960-1963. Volume 7, Radioelectronics. Conf. Proc. (URSI, Tokyo, Sept. 1963). R. E. Burgess, ed. 168 pp. American Elsevier, New York, 1965. \$11.00.

Silicon Semiconductor Technology. By W. R. Runyan. 277 pp. McGraw-Hill, New York, 1965. \$16.50.

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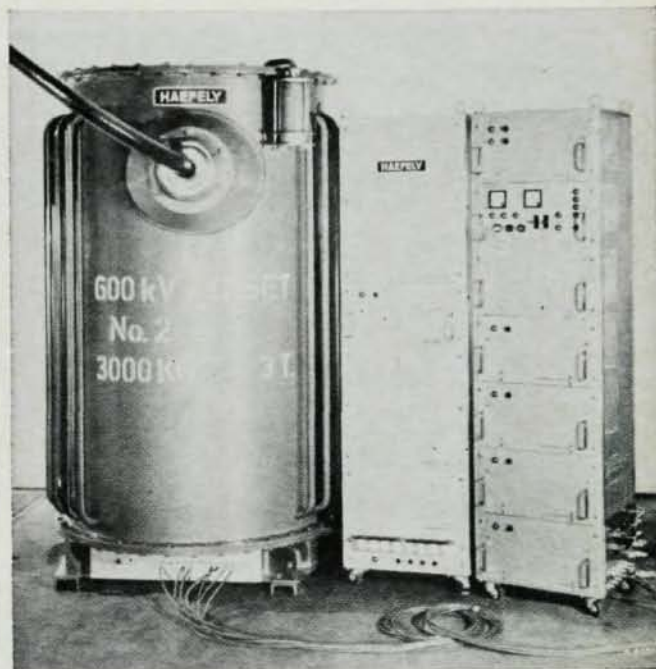
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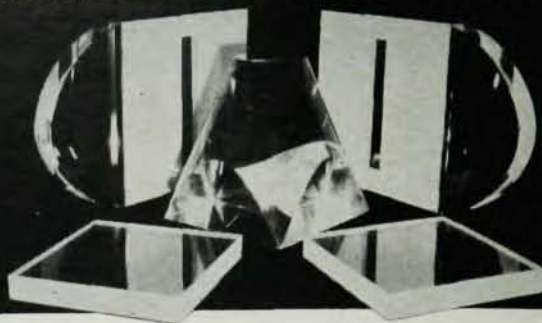
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Mathematical Analysis of Observations. By B. M. Shchigolev. Transl. from the Russian by Scripta Technica. 350 pp. (Hille Books, London) American Elsevier, New York, 1965. \$12.50.

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The Habitable Earth. By Ronald Fraser. 155 pp. Basic Books, New York, 1965. \$4.50.

Geohydrology. By Roger J. M. De Wiest. 366 pp. John Wiley, New York, 1965. \$10.95.

Radiative Heat Exchange in the Atmosphere. (Revised ed.) By K. Ta. Konrat'yev. Transl. from the Russian by O. Tedder. 411 pp. Pergamon, New York, 1965. \$15.00.

Progress in Radio Science 1960-1963. Volume 2, Radio and Troposphere. Conf. Proc. (URSI, Tokyo, Sept. 1963). Francois Du Castel, ed. 291 pp. American Elsevier, New York, 1965. \$16.00.

The Upper Atmosphere. Meteorology and Physics. By Richard A. Craig. 509 pp. Academic, New York, 1965. \$12.00.

Problems of Atmosphere and Space Electricity. Conf. Proc. (Montreux, Switzerland, May 1963). Samuel C. Coroniti, ed. 616 pp. American Elsevier, New York, 1965. \$35.00.

Soviet Advances in Nuclear Geophysics. F. A. Alekseev, ed. 189 pp. Consultants Bureau, New York, 1965. Paper \$27.50.

HANDBOOKS, TABLES, ETC.

Electronic Properties of Materials. A Guide to the Literature. H. Thayne Johnson, ed. Part 1, 931 pp. Part 2, 750 pp. Plenum Press, New York, 1965. \$150.00.

Infrared Band Handbook. Supplements 1 & 2. Herman A. Szymanski, ed. 259 pp. Plenum Press, New York, 1964. \$15.00.

Nodes and Weights of Quadrature Formulas. By Aleksandr Sememovich Kronrod. 143 pp. Consultants Bureau, New York, 1965. \$12.50.

German-English English-German Electronics Dictionary. By Charles J. Hyman. 182 pp. Consultants Bureau, New York, 1965. \$14.00.

HISTORY & PHILOSOPHY OF SCIENCE

Scientific Papers. By Lord Rayleigh (John William Strutt). Vol. 1 + 2, 598 pp.; Vol. 3 + 4, 568 pp.; Vol. 5 + 6, 718 pp. Dover, New York, 1965. \$30.00 per set.

Soviet Research and Development. Its Organization, Personnel, and Funds. By Alexander G. Korol. 375 pp. MIT Press, Cambridge, Mass., 1965. \$11.00.

Penguin Science Survey 1965. A. Arthur Garratt, ed. 295 pp. Penguin Books, Baltimore, 1965. Paper \$1.95.

Of Time and Space and Other Things. By Isaac Asimov. 204 pp. Doubleday, Garden City, New York, 1965. \$4.50.

Chemistry and Beyond. A Selection From the Writings of the late Professor F. A. Paneth. Herbert Dingle, G. R. Martin, and Eva Paneth, eds. 285 pp. Interscience, New York, 1965. \$6.00.

Day of Trinity. By Lansing Lamont. 333 pp. Antheneum, New York, 1965. \$6.95.

Michael Faraday. By L. Pearce Williams. 531 pp. Basic Books, New York, 1965. \$12.50.

Information and Prediction in Science. S. Dockx and P. Bernays, eds. 272 pp. Academic, New York, 1965. \$9.50.

MATHEMATICS

Lessons Introductory to the Modern Higher Algebra. (5th ed.) By George Salmon. 376 pp. Chelsea, New York, 1964. \$4.95.

Asymptotic Expansions. By E. T. Copson. 120 pp. Cambridge University Press, Cambridge, England, 1965. \$6.00.

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Differential and Riemannian Geometry. By Detlef Laugwitz. Transl. from the German by Fritz Steinhardt. 238 pp. Academic, New York, 1965. \$8.50.

Introductory Numerical Analysis of Elliptic Boundary Value Problems. By Donald Greenspan. 164 pp. Harper & Row, New York, 1965. \$7.00.

Distribution Theory and Transform Analysis. An Introduction to Generalized Functions, with Applications. By Armen H. Zemanian. 371 pp. McGraw-Hill, New York, 1965. \$13.75.

Probability and Statistics. By Hans Freudenthal. 139 pp. American Elsevier, New York, 1965. \$5.00.

Mathematical Methods in Engineering and Physics. Special Functions and Boundary Value Problems. By David E. Johnson and Johnny R. Johnson. 273 pp. Ronald, New York, 1965. \$9.50.

Stability of Nonlinear Control Systems. By Solomon Lefschetz. 150 pp. Academic, New York, 1965. \$7.50.

Markov Processes. By E. B. Dynkin. Transl. from the Russian by J. Fabius, et al. (Springer-Verlag, Berlin) Academic, New York, 1965. Vol. I, 365 pp. \$12.00; Vol. II, 274 pp. \$12.00.

Selected Papers of Norbert Wiener. Including Generalized Harmonic Analysis and Tauberian Theorems with contributions by Y. W. Lee, N. Levinson, and W. T. Martin. 453 pp. MIT Press, Cambridge, Mass., 1964. \$12.50.

Irreducible Representations of the Space Groups. By O. V. Kovalev. Transl. from the Russian by A. Murray Gross. 154 pp. Gordon & Breach, New York, 1965. \$7.00.

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Theory and Application of Mathieu Functions. By N. W. McLachlan. 401 pp. (Reprint of 1947 ed.) Dover, New York, 1964. Paper \$2.35.

Functional Analysis. By Kosaku Yosida. 458 pp. (Springer-Verlag, Berlin) Academic, New York, 1965. \$16.50.

Diffusion Processes and Their Sample Paths. Kiyosi Ito and Henry P. McKean, Jr. 321 pp. (Springer-Verlag, Berlin) Academic, New York, 1965. \$14.50.

Lie Groups for Pedestrians. By Harry J. Lipkin. (North-Holland, Amsterdam) Wiley, New York, 1965. \$6.00.

Special Functions and Their Applications. By N. N. Lebedev. Transl. from the Russian by Richard A. Silverman. 308 pp. Prentice-Hall, Englewood Cliffs, N.J., 1965. \$16.00.

MECHANICS

Proceedings of the International Symposium on Lubrication and Wear. D. Muster and B. Sternlicht, eds. 974 pp. McCutchan Publishing Co., Berkeley, California, 1965. \$20.00.

NUCLEAR PHYSICS

The Propagation of Gamma Quanta in Matter. By O. I. Leipunskii, B. V. Novozhilov and V. N. Sakharov. Transl. from the Russian by Prasenjit Basu. 222 pp. Pergamon, Oxford, 1965. \$15.00.

Optical Model of the Atomic Nucleus. By Ivan Ůlehl, Ladislav Gomolčák and Zdeněk Pluhař. Transl. from the Russian by G. Alter. 147 pp. (Czechoslovak Academy, Prague) Academic, New York, 1965. \$7.75.

Slow Neutrons. By V. F. Turchin. Transl. from the Russian. 304 pp. Daniel Davey, New York, 1965. \$16.50.

Comptes Rendus du Congrès International de Physique Nucléaire. Conf. Proc. (Paris, July 1964). P. Gugenberger, ed. Vol. I, 538 pp.; Vol. II, 1227 pp. National Center for Scientific Research, Paris, 1964. 120 F.

Nuclear Structure and Nuclear Reactions. Conf. Proc. (Herceg Novi, Yugoslavia, Aug.-Sept. 1964) Nikola Cindro, ed. Federal Nuclear Commission of Yugoslavia, Belgrade, 1965. \$8.00 per set.

The Atomic Nucleus. By M. Korsunsky. Transl. from the Russian by G. Yanovsky. 454 pp. (P. Noordhoff, Groningen) Gordon & Breach, New York, 1965. \$12.50.

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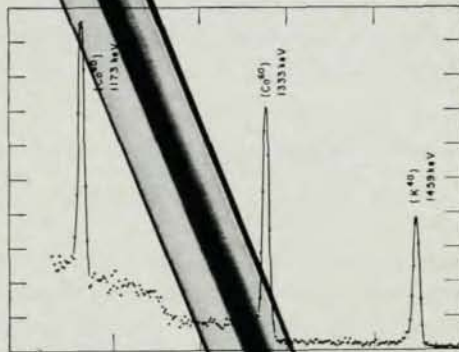
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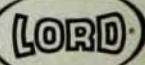
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Absorption Spectra in the Ultraviolet and Visible Region. Volume 5. L. Lång, ed. 416 pp. Academic, New York, 1965. Looseleaf \$23.00.

Handbook for Theoretical Computation of Line Intensities in Atomic Spectra. By I. B. Levinson and A. A. Nikitin. Transl. from the Russian. 242 pp. Daniel Davey, 1965. \$12.75.

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Surface Phenomena in Metallurgical Processes. Conf. Proc. (Moscow, 1961). A. L. Belyaev, ed. Transl. from Russian. 288 pp. Consultants Bureau, New York, 1965. Paper \$27.50.

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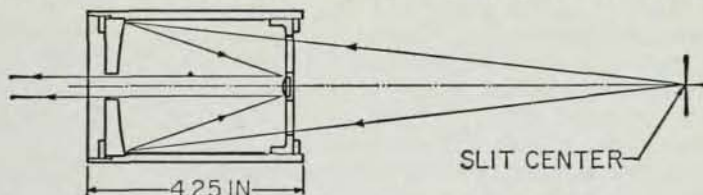
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