

ful but annoying, the former because the reviews are excellent as far as they go, the latter because they are restricted to a taxonomic range too narrow to contain the problems with which they deal.

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Books Received

Abortion and the Unwanted Child. Papers from a conference, San Francisco, May 1969. Carl Reiterman, Ed. Springer, New York, 1971. x, 182 pp. Cloth, \$7.50; paper, \$4.95.

Absorption Spectra in the Ultraviolet and Visible Region. Vol. 15. L. Láng, A. Bartecki, G. Horváth, J. Szöke, and G. Varsányi, Eds. Academic Press, New York, 1971. 400 pp., illus. + table of contents and indices. In loose-leaf binder, \$27.50.

Acid-Base Regulation. Its Physiology and Pathophysiology. Edward J. Masoro and Paul D. Siegel. Saunders, Philadelphia, 1971. xii, 148 pp., illus. \$7.50. *Physiological Chemistry*, vol. 4.

Advanced Organic Synthesis. Methods and Techniques. Richard S. Monson. Academic Press, New York, 1971. xii, 204 pp., illus. \$7.95.

Advances in Astronomy and Astrophysics. Vol. 8. Zdeněk Kopal, Ed. Academic Press, New York, 1971. xii, 348 pp., illus. \$19.50.

Advances in Biology of Skin. Vol. 11, Immunology and the Skin. Proceedings of a symposium, Gleneden Beach, Ore., September 1969. William Montagna and Rupert E. Billingham, Eds. Appleton-Century-Crofts, New York, 1971. xvi, 396 pp. + plates. \$20. Oregon Regional Primate Research Center Publication No. 499.

Advances in Biomedical Engineering and Medical Physics. Vol. 4. Sumner N. Levine, Ed. Interscience, New York, 1971. x, 236 pp., illus. \$13.95.

Advances in Cell and Molecular Biology. Vol. 1. E. J. DuPraw, Ed. Academic Press, New York, 1971. xvi, 308 pp., illus. \$15.

Advances in Chemical Physics. Vol. 19. I. Prigogine and Stuart A. Rice, Eds. Wiley-Interscience, New York, 1971. xii, 394 pp., illus. \$22.50.

Advances in Gerontological Research. Vol. 3. Bernard L. Strehler, Ed. Academic Press, New York, 1971. xvi, 262 pp., illus. \$15.

Advances in the Theory of Riemann Surfaces. Proceedings of a conference, New York, June 1969. Lars V. Ahlfors, Lipman Bers, Hershel M. Farkas, Robert C. Gunning, Irwin Kra, and Harry E. Rauch, Eds. University of Tokyo Press, Tokyo, and Princeton University Press,

Princeton, N.J., 1971. x, 420 pp., illus. Paper, \$12.

Algèbre Linéaire et Multilinéaire et Géométrie Différentielle. Cours Professeur à l'Ecole Polytechnique. Gilles Legrand. Masson, Paris, 1971. iv, 342 pp. 80 F.

Alternative Futures for Learning. An Annotated Bibliography of Trends, Forecasts, and Proposals. Michael D. Marien. Educational Policy Research Center, Syracuse, N.Y., 1971. xx, 224 pp. Paper, \$5.

Amazonia. Man and Culture in a Counterfeit Paradise. Betty J. Meggers. Aldine-Atherton, Chicago, 1971. x, 182 pp., illus. Cloth, \$7.50; paper, \$2.95. *Worlds of Man Series*.

American Indians and Federal Aid. Alan L. Sorkin. Brookings Institution, Washington, D.C., 1971. xiv, 232 pp. \$7.50. *Studies in Social Economics*.

Anatomy of the Monocotyledons. Vol. 5, Cyperaceae. C. R. Metcalfe. Bibliographical Notes by Mary Gregory. Clarendon (Oxford University Press), New York, 1971. xii, 598 pp., illus. \$29.

An Annotated International Bibliography of Nutrition Education. Materials, Resource Personnel, and Agencies. Clara Mae Taylor and Katharine P. Riddle, Eds. Columbia University Teachers College Press, New York, 1971. viii, 192 pp. Cloth, \$7.95; paper, \$3.25.

Annual Survey of Photochemistry. Vol. 3, Survey of 1969 Literature. Nicholas J. Turro, George S. Hammond, John F. Endicott, J. Christopher Dalton, Timm L. Kelly, Jack E. Leonard, Douglas R. Morton, and David M. Pond. Wiley-Interscience, New York, 1971. xii, 382 pp., illus. \$19.95.

The Caloric Theory of Gases from Lavoisier to Regnault. Robert Fox. Clarendon (Oxford University Press), New York, 1971. xvi, 378 pp. \$16.

The Ceramics of Altar de Sacrificios. Richard E. W. Adams. Peabody Museum of Archaeology and Ethnology, Cambridge, Mass., 1971. x, 165 pp., illus. + appendix + loose charts. Paper, \$12.50. *Papers of the Peabody Museum*, vol. 63, No. 1.

The Chemistry of the Hydroxyl Group. Part 1. Saul Patai, Ed. Interscience, New York, 1971. Part 1, xiv + pp. 1-640. Part 2, viii + pp. 641-1236. Illus. \$24.95 each.

China and Russia. The "Great Game." O. Edmund Clubb. Columbia University Press, New York, 1971. xiv, 578 pp. + plates. \$12.95.

Common Wild Flowers of Minnesota. Gerald B. Ownbey. Illustrations by Wilma Monserud. University of Minnesota Press, Minneapolis, 1971. xiv, 332 pp. \$9.75.

Comparative Physiology of Respiratory Mechanisms. Johan B. Steen. Academic Press, New York, 1971. x, 182 pp., illus. \$10.

Compendio de Toxoplasmosis. Eustaquio Roch U. Editorial Patria, Mexico City, 1971. 282 pp. + plates. \$12.

The Control of Aggression and Violence. Cognitive and Physiological Factors. Jerome L. Singer, Ed. Academic Press, New York, 1971. xviii, 172 pp. \$9.50. *Personality and Psychopathology*.

Diseases of Tree Fruits in New Zealand.

J. D. Atkinson. Government Printer, Wellington, New Zealand, 1971. 406 pp., illus. \$7.50.

The Electron Band Theory of Solids. G. C. Fletcher. North-Holland, Amsterdam, and Elsevier, New York, 1971. xvi, 260 pp., illus. \$17.

Electronic and Ionic Impact Phenomena. H. S. W. Massey, E. H. S. Burhop, and H. B. Gilbody. Vol. 3, Slow Collisions of Heavy Particles. H. S. W. Massey. Clarendon (Oxford University Press), New York, 1971. xx + pp. 1295-2114 + indexes. \$38.50. *International Series of Monographs on Physics*.

Essentials of Biochemistry. Milton Topporek. Appleton-Century-Crofts, New York, 1971. x, 396 pp., illus. + foldout chart. Paper, \$5.95.

Exercise and Cardiac Death. E. Jokl and J. T. McClellan, Eds. University Park Press, Baltimore, Md., 1971. x, 186 pp., illus. \$11.50. *Medicine and Sport*, vol. 5.

An Experience with Populations. Darrel L. Murray and James A. Bond. Addison-Wesley, Reading, Mass., 1971. x, 196 pp., illus. Paper, \$3.25.

Flowcharts. Ned Chapin. Auerbach, Princeton, N.J., 1971. 180 pp., illus. Cloth, \$9.94; paper, \$7.

The Freeman Library of Laboratory Separates in Chemistry. Vol. 2, Separates 1083-1122. Ralph K. Birdwhistell and Rod O'Connor, Eds. Freeman, San Francisco, 1971. Variously paged. Paper. Bound volume, \$8; each experiment, 20¢.

Fundamentals of Biochemical Pharmacology. Z. M. Bacq, R. Capek, R. Paoletti, and J. Renson, Eds. Pergamon, New York, 1971. xiv, 660 pp. + plates. \$27.

Fundamentals of Experimental Psychology. Charles L. Sheridan. Holt, Rinehart and Winston, New York, 1971. xiv, 402 pp., illus. \$9.

The Future of Science. Morris Goran. Spartan, New York, 1971. x, 156 pp. \$8.50.

General and Organic Chemistry. Garth L. Lee, Harris O. Van Orden, and Ronald O. Ragsdale. Illustrated by Alexis Kelner. Saunders, Philadelphia, 1971. xvi, 868 pp., illus. \$12.95. *Saunders Golden Series*.

General Endocrinology. C. Donnell Turner and Joseph T. Bagnara. Saunders, Philadelphia, ed. 5, 1971. x, 660 pp., illus. \$12.

Glen Canyon Dam and Powerplant. Technical Record of Design and Construction. Colorado River Storage Project, Arizona-Utah, Denver, Colo., 1970. xxvi, 650 pp., illus. + foldout drawings. Paper, \$8.25.

Human Factors. Theory and Practice. David Meister. Wiley-Interscience, New York, 1971. xiv, 416 pp. \$16.95.

The Immunobiology of Transplantation. Rupert Billingham and Willys Silvers. Prentice-Hall, Englewood Cliffs, N.J., 1971. xiv, 210 pp., illus. Cloth, \$9.75; paper, \$4.95. *Foundations of Immunology Series*.

Interbasin Transfers of Water. Economic Issues and Impacts. Charles W. Howe and K. William Easter. Published for Resources for the Future, Inc., by Johns Hopkins Press, Baltimore, Md., 1971. xvi, 196 pp. \$9.50.

(Continued on page 1169)

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Introduction to Probabilistic Automata. Azaria Paz. Academic Press, New York, 1971. 228 pp. \$13. Computer Science and Applied Mathematics Series.

Introductory Petrography of Fossils. Alan Stanley Horowitz and Paul Edwin Potter. Photomicrography by George R. Ringer. Springer-Verlag, New York, 1971. xiv, 302 pp., illus. \$28.40.

The Last of the Ruling Reptiles. Alligators, Crocodiles, and Their Kin. Wilfred T. Neill. Columbia University Press, New York, 1971. xx, 486 pp., illus. \$15.95.

Light and Living Matter. A Guide to the Study of Photobiology. Vol. 2, The Biological Part. Roderick K. Clayton. McGraw-Hill, New York, 1971. xii, 244 pp., illus. \$5.95. Chemistry-Biology Interface Series.

Linear Integral Equations. Theory and Technique. Ram P. Kanwal. Academic Press, New York, 1971. xiv, 296 pp. \$16.50.

Low Temperature Spectroscopy. Optical Properties of Molecules in Matrices, Mixed Crystals, and Frozen Solutions. Beat Meyer. Elsevier, New York, 1971. xii, 654 pp., illus. \$33.50.

Macroglobulins Provoking Haemagglutination in Rheumatoid Arthritis and Other Diseases. Nanna Svartz. Almqvist and Wiksell, Stockholm, 1971. 106 pp., illus. \$9.

Malformations Congénitales des Mammifères. A colloquium, Amboise, France, May 1970. H. Tuchmann-Duplessis, Ed. Masson, Paris, 1971. viii, 356 pp., illus. 110 F.

Man and the Ecosphere. Readings from *Scientific American*. Commentaries by Paul R. Ehrlich, John P. Holdren, and Richard W. Holm. Freeman, San Francisco, 1971. x, 308 pp., illus., Cloth, \$11; paper, \$5.75.

A Manual of Echoencephalography. Sumio Uematsu and A. Earl Walker. Williams and Wilkins, Baltimore, Md., 1971. xii, 150 pp., illus. \$11.

Marx and Engels on the Population Bomb. Selections from the Writings of Marx and Engels Dealing with the Theories of Thomas Robert Malthus. Ronald L. Meek, Ed. Translated from the German by Dorothea L. Meek and Ronald L. Meek. Ramparts Press, Berkeley, Calif., 1971. xxii, 216 pp. Paper, \$1.95. Reprint of the 1953 edition.

Methods in Enzymology. Vol. 20, Nucleic Acids and Protein Synthesis. Part C. Kivie Moldave and Lawrence Grossman, Eds. Academic Press, New York, 1971. xx, 586 pp., illus. \$22.50.

Methods in Microbiology. Vol. 4. C. Booth, Ed. Academic Press, New York, 1971. xiv, 796 pp., illus. \$29.50.

Methods of Experimental Physics. Vol. 9, Plasma Physics. Part B. Ralph H.

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Lovberg and Hans R. Griem, Eds. Academic Press, New York, 1971. xxii, 302 pp., illus. \$16.

Modern Aspects of Ligand Field Theory. C. K. Jorgensen. North-Holland, Amsterdam, and Elsevier, New York, 1971. x, 538 pp. \$32.

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The New American Society. The Revolution of the Middle Class. Joseph Bensman and Arthur J. Vidich. Quadrangle, Chicago, 1971. xiv, 306 pp. \$10.

The New Hospital Psychiatry. Proceedings of a conference, Madison, Wis., June 1969. Gene M. Abroms and Norman S. Greenfield, Eds. Academic Press, New York, 1971. x, 298 pp. \$10.

Nonlinear Functional Analysis and Applications. Proceedings of a seminar, Madison, Wis., October 1970. Louis B. Rall, Ed. Academic Press, New York, 1971. viii, 586 pp. \$11. University of Wisconsin Mathematics Research Center Publication No. 26.

The Ontogenesis of Grammar. A Theoretical Symposium. Dan I. Slobin, Ed. Academic Press, New York, 1971. xiv, 248 pp. \$14.50. Child Psychology Series.

Optical Materials Properties. A. J. Moses. IFI/Plenum, New York, 1971. viii, 104 pp., illus. \$10. Handbook of Electronic Materials, vol. 1.

Optical Processes in Semiconductors. Jacques I. Pankove. Prentice-Hall, Englewood Cliffs, N.J., 1971. xx, 422 pp., illus. \$21. Solid State Physical Electronics Series.

Optimisation. Théorie et Algorithmes. Jean C  a. Dunod, Paris, 1971. x, 228 pp., illus. 88 F. M  thodes Math  matiques de l'Informatique, vol. 2.

Painted Ceramics of the Western Mound at Awatovi. Reports of the Awatovi Expedition, No. 8. Watson Smith. Peabody Museum of Archaeology and Ethnology, Cambridge, Mass., 1971. xxiv, 630 pp., illus. Paper, \$20. Papers of the Peabody Museum, vol. 38.

People and Politics in the Middle East. Proceedings of a conference, Philadelphia, February 1970. Michael Curtis, Ed. Transaction Books, New Brunswick, N.J., 1971 (distributor, Dutton, New York). vi, 330 pp. Cloth, \$8.95; paper, \$3.95.

Phase Transitions. Proceedings of a conference, Brussels, May 1969. Interscience, New York, 1971. xii, 256 pp., illus. \$16.50.

Phloem Transport in Plants. Alden S. Crafts and Carl E. Crisp. Freeman, San Francisco, 1971. xxii, 482 pp., illus. \$12.50.

Photography in Ophthalmology. Proceedings of a symposium, Miami, Fla., March 1970. Horacio Ferrer Eye Institute Publication Committee. Karger, New York, 1971. xxii, 210 pp., illus. \$16.45. Modern Problems in Ophthalmology, vol. 9.

Physical Electronics. David K. Ferry and D. Ronald Fannin. Addison-Wesley, Reading, Mass., 1971. xii, 288 pp., illus. \$11.95.

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colloquium, Denver, Colo. May 1966. Wolfgang Yourgrau and Allen D. Breck, Eds. Plenum, New York, 1970. xiv, 336 pp., illus. \$12.50.

Picture Language Machines. Proceedings of a conference, Canberra, February 1969. S. Kaneff, Ed. Academic Press, New York, 1970. xiv, 426 pp., illus. \$13.

Plant Parasitic Nematodes. Vol. 2, Cytogenetics, Host-Parasite Interactions, and Physiology. B. M. Zuckerman, W. F. Mai, and R. A. Rohde, Eds. Academic Press, New York, 1971 xviii, 348 pp., illus. \$22.

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Platinum Group Metals and Compounds. A symposium, New York, September 1969. U. V. Rao. American Chemical Society, Washington, D.C., 1971. viii, 163 pp., illus. \$9. *Advances in Chemistry Series*, vol. 98.

Pollution. Robert S. Leisner and Edward J. Kormondy, Eds. Brown, Dubuque, Iowa, 1971. viii, 86 pp., illus. Paper, \$1.95. *Biology Series; Foundations for Today*, vol. 2.

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Prediction and Measurement of Photosynthetic Productivity. Proceedings of the International Biological Programme/Production Processes Technical Meeting, Třeboň, Czechoslovakia, September 1969.

Centre for Agricultural Publishing and Documentation, Wageningen, Netherlands, 1970. 632 pp., illus.

Principles of Arithmetic and Geometry for Elementary School Teachers. Carl B. Allendoerfer Macmillan, New York, 1971. xvi, 672 pp., illus. \$9.95.

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Proceedings Tall Timbers Fire Ecology Conference. No. 9, Tallahassee, Fla., April 1969. Tall Timbers Research Station, Tallahassee, Fla., 1969. vi, 292 pp., illus. Paper.

Progress in Nuclear Magnetic Resonance Spectroscopy. J. W. Emsley, J. Feeney, and L. H. Sutcliffe, Eds. Vol. 6, illus., \$24. viii, 186 pp., illus., \$13.50; vol. 7, viii, 530 pp., illus., \$24 Pergamon, New York, 1971.

Radical and Militant Youth. A Psychoanalytic Inquiry. Robert Liebert. Praeger, New York, 1971. xviii, 258 pp. \$7.95.

Recent Developments in Switching Theory. Amar Mukhopadhyay, Ed. Academic Press, New York, 1971. xvi, 438 pp., illus. \$22. *Electrical Science Series*.

Recent Topics in Mass Spectrometry. A NATO Study Institute, Lisbon, August 1969. Rowland Ivor Reed, Ed. Gordon and Breach, New York, 1971. x, 358 pp., illus. \$29.50.

Red Cell Structure and Metabolism. Proceedings of a colloquium, Jerusalem, August 1969. Bracha Ramot, Ed. Academic Press, New York, 1971. 228 pp., illus. \$12.

Red Giants and White Dwarfs. Man's Descent from the Stars. Robert Jastrow. Harper and Row, New York, ed. 2, 1971. xvi, 192 pp., illus. \$6.95.

Relativity and Gravitation. Based on a seminar, Technion City, Israel, July 1969. Charles G. Kuper and Asher Peres, Eds. Gordon and Breach, New York, 1971. xii, 324 pp., illus. \$24.50.

Resistance to Infectious Disease. Proceedings of a symposium, Saskatoon, Canada, July 1969. Robert H. Dunlop and Harley W. Moon, Eds. Saskatoon Modern Press, Saskatoon, 1970. xiv, 312 pp., illus. \$10.

Synthetic Dyes in Biology, Medicine and Chemistry. Edward Gurr. Academic Press, New York, 1971. viii, 808 pp., illus. \$32.

Topology. William W. Fairchild and Cassius Ionescu Tulcea. Saunders, Philadelphia, 1971. xii, 272 pp. \$12.

Understanding the Earth. A Reader in the Earth Sciences. I. G. Gass, Peter J. Smith, and R. C. L. Wilson, Eds. M.I.T. Press, Cambridge, Mass., 1971. 356 pp. + plates. Cloth, \$12.50; paper, \$7.95.

The Vitamins. Chemistry, Physiology, Pathology, Methods. Vol. 3. W. H. Sebrell, Jr., and Robert S. Harris, Eds. Academic Press, New York, ed. 2, 1971. xviii, 602 pp., illus. \$29.50.

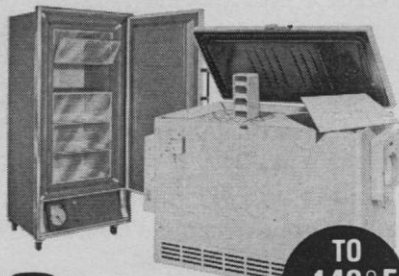
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