

Books Received

- The ABC of Acid-Base Chemistry.** The Elements of Physiological Blood-Gas Chemistry for Medical Students and Physicians. Horace W. Davenport. University of Chicago Press, Chicago, ed. 6, 1974. viii, 124 pp., illus. Cloth, \$8; paper, \$3.45.
- The Abortion Controversy.** Betty Sarvis and Hyman Rodman. Columbia University Press, New York, ed. 2, 1974. xvi, 208 pp. Cloth, \$8.95; paper, \$3.95.
- Advances in Image Pickup and Display.** Vol. 1. B. Kazan, Ed. Academic Press, New York, 1974. xiv, 308 pp., illus. \$24.50.
- Advances in Information Systems Science.** Vol. 5. Julius T. Tou, Ed. Plenum, New York, 1974. xiv, 344 pp., illus. \$25.
- Advances in X-Ray Analysis.** Vol. 17. Proceedings of a conference, Denver, Colo., Aug. 1973. C. L. Grant, Charles S. Barrett, John B. Newkirk, and Clayton O. Ruud, Eds. Plenum, New York, 1974. xiv, 596 pp., illus. \$32.50.
- Algebraic Graph Theory.** Norman Biggs. Cambridge University Press, New York, 1974. viii, 170 pp., illus. \$11.50. Cambridge Tracts in Mathematics, vol. 67.
- Amorphous and Liquid Semiconductors.** J. Tauc, Ed. Plenum, New York, 1974. x, 442 pp., illus. \$28.
- Animal Agriculture.** The Biology of Domestic Animals and Their Use by Man. H. H. Cole and Magnar Ronning, Eds. Freeman, San Francisco, 1974. xii, 788 pp., illus. \$15. A Series of Books in Agricultural Science.
- Annual Review of Biophysics and Bioengineering.** Vol. 3. L. J. Mullins, William A. Hagins, Lubert Stryer, and Carol Newton, Eds. Annual Reviews, Palo Alto, Calif., 1974. viii, 404 pp., illus. \$12.
- Astrophysics.** Part A, Optical and Infrared. N. Carleton, Ed. Academic Press, New York, 1974. xx, 588 pp., illus. \$43.50. Methods of Experimental Physics, vol. 12.
- Bases Cytologiques et Génétiques de la Sexualité.** L. Gallien. Gordon and Breach, New York, 1974. xvi, 392 pp., illus. \$35.50. Cours et Documents de Biologie.
- Bibliography on Women.** With Special Emphasis on Their Roles in Science and Society. Audrey B. Davis. Science History Publications, New York, 1974. ii, 52 pp. Paper, \$3.
- Biochemistry.** A Problems Approach. William B. Wood, John H. Wilson, Robert M. Benbow, and Leroy E. Hood. Benjamin, Menlo Park, Calif., 1974. xii, 512 pp., illus. Paper, \$7.95.
- Biological Microirradiation.** Classical and Laser Sources. Michael W. Berns. Prentice-Hall, Englewood Cliffs, N.J., 1974. viii, 152 pp., illus. \$9.95. Biological Techniques Series.
- The Biology of Alcoholism.** Vol. 3, Clinical Pathology. Benjamin Kissin and Henri Begleiter, Eds. Plenum, New York, 1974. xlii, 674 pp., illus. \$37.50.
- Biomembranes.** Vol. 5. Lionel A. Manson, Ed. Plenum, New York, 1974. xii, 284 pp., illus. \$22.50.
- Black's Medical Dictionary.** William A. R. Thomson, Ed. Harper and Row, New York, ed. 30, 1974. x, 934 pp., illus. + plates. \$13.50.
- The Case for a Nuclear Moratorium.** Wilson Clark, John W. Gofman, Mike Gravel, Robert F. Mueller, and Richard Willson. Environmental Action Foundation, Washington, D.C., ed. 2, 1974. 72 pp., illus. Paper, \$1.
- Characterization of Solid Surfaces.** Philip F. Kane and Graydon B. Larrabee, Eds. Plenum, New York, 1974. xviii, 670 pp., illus. \$32.50.
- The Chemistry and Biochemistry of Plant Hormones.** Papers from a symposium, Syracuse, N.Y., 1973. V. C. Runeckles, E. Sondheimer, and D. C. Walton, Eds. Academic Press, New York, 1974. xiv, 178 pp., illus. \$18.50. Recent Advances in Phytochemistry, vol. 7.
- The Ciliates.** A. R. Jones. St. Martin, New York, 1974. 208 pp., illus. + plates. \$8.95.
- Cohomology Theories for Compact Abelian Groups.** Karl H. Hofmann and Paul S. Mostert. Springer-Verlag, New York, 1973. 236 pp., illus. \$18.50.
- Computer Applications and Techniques in Clinical Medicine.** Herbert Ludwig. Wiley, New York, 1974. xii, 318 pp., illus. \$16.95. Stanford Series on Methods and Techniques in the Clinical Laboratory.
- Conceptual Physics.** A New Introduction to Your Environment. Paul G. Hewitt. Illustrated by the author. Little, Brown, Boston, ed. 2, 1974. x, 598 pp., illus. \$10.95. Teacher's manual available.
- Contemporary Developments in Mathematical Psychology.** Vol. 1, Learning, Memory, and Thinking. David H. Krantz, R. Duncan Luce, Richard C. Atkinson, and Patrick Suppes, Eds. Freeman, San Francisco, 1974. xvi, 300 pp., illus. \$9.
- Contemporary Topics in Immunobiology.** Vol. 3. Max D. Cooper and Noel L. Warner, Ed. Plenum, New York, 1974. xiv, 268 pp., illus. \$19.50.
- Control of Arthropods of Medical and Veterinary Importance.** Proceedings of a symposium, Canberra, Australia, Aug. 1972. R. Pal and R. H. Wharton, Eds. Plenum, New York, 1974. vi, 138 pp., illus. \$18.50.
- Control of Gene Expression.** Proceedings of a conference, Zichron Yaakov, Israel, Mar. 1973. Alexander Kohn and Adam Shatky, Eds. Plenum, New York, 1974. xiv, 434 pp., illus. \$25. Advances in Experimental Medicine and Biology, vol. 44.
- The Crevicular Fluid.** G. Cimasoni. Karger, Basel, 1974. viii, 122 pp., illus. \$20.50. Monographs in Oral Science, vol. 3.
- Current Topics in Experimental Endocrinology.** Vol. 2. V. H. T. James and L. Martini, Eds. Academic Press, New York, 1974. xii, 252 pp., illus. \$22.50.
- Deterministic Threshold Models in the Theory of Epidemics.** Paul Waltman. Springer-Verlag, New York, 1974. vi, 102 pp. Paper, \$6.60. Lecture Notes in Biomathematics, vol. 1.
- Dictionary of Scientific Biography.** Vol. 9, A. T. Macrobius-K. F. Naumann. Charles Coulston Gillispie, Ed. Scribner, New York, 1974. xvi, 620 pp., illus. \$35.
- Earth's Rotation and Climate.** A. S. Monin. Translated from the Russian by R. Radok. Radok, Delhi, India, 1974. xii, 140 pp., illus. \$8.
- Economics and Societies in Latin America.** A Geographical Interpretation. Peter R. Odell and David A. Preston. Wiley-Interscience, New York, 1973. x, 266 pp., illus. \$11.50.
- Electronic Measurements for Scientists.** Howard V. Malmstadt, Christie G. Enke, and Stanley R. Crouch. W. A. Benjamin, Menlo Park, Calif., 1974. xxii, 906 pp., illus. \$17.95. Study guide available.
- Energy.** Sources, Use, and Role in Human Affairs. Carol Steinhart and John Steinhart. Duxbury Press, North Scituate, Mass., 1974. xii, 362 pp., illus. Paper, \$5.50.
- Energy Conservation.** Ways and Means. Papers from a symposium, June 1974. J. A. Over, Ed. Future Shape of Technology Foundation, The Hague, 1974. 182 pp., illus. Paper, Dfl. 34. Future Shape of Technology Publications, No. 19.
- The Enterprise, Wisconsin, Radiation Forest.** Preirradiation Ecological Studies. Thomas D. Rudolph, Ed. U.S. Atomic Energy Commission, Oak Ridge, Tenn., 1974 (available as TID-26113 from National Technical Information Service, Springfield, Va.). vi, 152 pp., illus. Paper, \$10.10.
- The Environment of the Noatak River Basin, Alaska.** Results of the Center for Northern Studies Biological Survey of the Noatak River Valley, 1973. Steven B. Young, Ed. Center for Northern Studies, Wolcott, Vt., 1974. x, 584 pp., illus. + plates. Spiral bound, \$10. Contributions from the Center for Northern Studies, No. 1.
- The Exploitation of Illness in Capitalist Society.** Howard Waitzkin and Barbara Waterman. Bobbs-Merrill, Indianapolis, Ind., 1974. 134 pp., illus. Paper, \$2.75.
- Exploring the Reef.** Robert P. L. Straughan. A. S. Barnes. Cranbury, N.J., and Thomas Yoseloff, London, ed. 2, 1974. 298 pp., illus. + plates. \$17.50.
- The Fractional Calculus.** Theory and Applications of Differentiation and Integration to Arbitrary Order. Keith B. Oldham and Jerome Spanier. Academic Press, New York, 1974. xvi, 234 pp., illus. \$19.50. Mathematics in Science and Engineering, vol. 111.
- From Circuits to Computers.** L. Solyman, Ed. Chapman and Hall, London, 1974 (U.S. distributor, Halsted [Wiley], New York). viii, 184 pp., illus. Paper, \$7.50. A Review of the Principles of Electrical and Electronic Engineering, vol. 2.
- Fundamental Astronomy.** Solar System and Beyond. Franklyn W. Cole. Wiley, New York, 1974. xviii, 476 pp., illus. \$14.95.
- Gene Expression.** Vol. 1, Bacterial Genomes. Benjamin Lewin. Wiley-Interscience, New York, 1974. xviii, 642 pp., illus. \$29.50.
- Geophysics and Space Data Bulletin.** Vol. 10, No. 4. Anne L. Carrigan, Ed. Air Force Cambridge Research Laboratories, Bedford, Mass., 1974 (available from National Technical Information Service, Springfield, Va.). 284 pp., illus. Paper, \$6.50. Special Reports, No. 175.
- The Gifford Lectures 1972/73.** The Development of Mind. A. J. P. Kenny, H. C. Longuet-Higgins, J. R. Lucas, and C. H. Waddington. Edinburgh University Press, Edinburgh, Scotland, and Aldine, Chicago, 1973. viii, 152 pp. \$5.
- A History of American Archaeology.**

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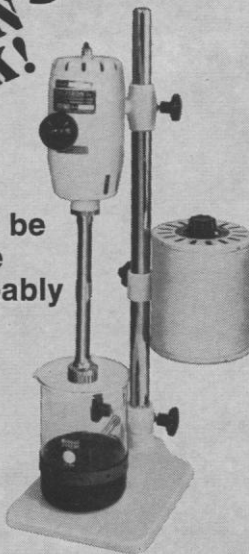
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(Continued from page 528)

Gordon R. Willey and Jeremy A. Sabloff. Freeman, San Francisco, 1974. 252 pp., illus. Cloth, \$9.95; paper, \$4.95.

Indefinite Inner Product Spaces. János Bognár. Springer-Verlag, New York, 1974. x, 226 pp. \$19.70. *Ergebnisse der Mathematik und ihrer Grenzgebiete, Band 78.*

Information Technology. The Human Use of Computers. Harry Katzan, Jr. Petrocelli Books, New York, 1974. xii, 350 pp., illus. \$11.95.

Innovative Treatment Methods in Psychopathology. Karen S. Calhoun, Henry E. Adams, and Kevin M. Mitchell, Eds. Wiley-Interscience, New York, 1974. xiv, 430 pp., illus. \$16.95. Wiley Series on Personality Processes.

Insects. Instructions for Collectors. No. 4a. British Museum of Natural History, London, ed. 5, 1974. vi, 170 pp., illus. Paper, £1.50.

Internal Rotation in Molecules. W. J. Orville-Thomas, Ed. Wiley-Interscience, New York, 1974. xviii, 606 pp., illus. \$39.95. Wiley Monographs in Chemical Physics.

International Symposium on Smallpox Vaccine. Proceedings of a symposium, Bilthoven, The Netherlands, Oct. 1972. R. H. Regamey and H. Cohen, Eds. Karger, Basel, 1974. xii, 366 pp., illus. \$27.50. *Symposia Series in Immunobiological Standardization, vol. 19.*

An Introduction to Behavior Theory and Its Applications. Robert L. Karen. Harper and Row, New York, 1974. x, 470 pp., illus. \$10.95. Harper's Experimental Psychology Series.

Introduction to Organic Electrochemistry. M. R. Rifi and Frank H. Covitz. Dekker, New York, 1974. xii, 418 pp., illus. \$26.50. *Techniques and Applications in Organic Synthesis.*

Introduction to the Quantum Theory. David Park. McGraw-Hill, New York, ed. 2, 1974. xvi, 670 pp., illus. \$16.95. *International Series in Pure and Applied Physics.*

Laboratory Studies in Integrated Zoology. Frances M. Hickman and Cleveland P. Hickman, Sr. Mosby, St. Louis, ed. 4, 1974. xii, 464 pp., illus. Paper, \$6.50.

The Limits of Law. Papers from a meeting, Chicago, Dec. 1970. J. Roland Pennock and John W. Chapman, Eds. Lieber-Atherton, New York, 1974. xii, 276 pp. \$8.95. *Nomos, vol. 15.*

Linear Programming in Industry. Theory and Applications. Sven Danø. Springer-Verlag, New York, ed. 4, 1974. xii, 172 pp., illus. Paper, \$16.

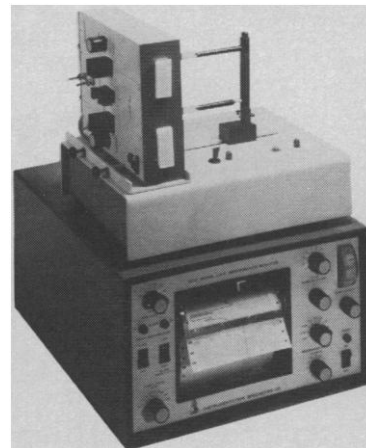
Liquid-Phase Reaction Rate Constants. E. T. Denisov. Translated from the Russian edition (Moscow, 1971) by R. K. Johnston. IFI/Plenum, New York, 1974. xxvi, 772 pp., illus. \$50.

Magnetic Materials and Their Applications. Carl Heck. Translated from the German edition by Stuart S. Hill. Crane, Russak, New York, 1974. xiv, 770 pp., illus. \$49.50.

Management and Research Management. A Book of Excerpts/Articles. J. Corboy Ryan, Ed. Krieger, Huntington, N.Y., 1974. viii, 404 pp. Paper, \$12.50.

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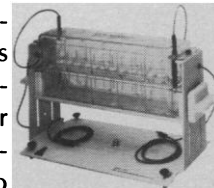
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copy in **Pesticide Chemistry**. Proceedings of a symposium, Dallas, Texas, Apr. 1973. Rizwanul Haque and Francis J. Biros, Eds. Plenum, New York, 1974. xii, 348 pp., illus. \$19.50. Environmental Science Research Series, vol. 4.

Membrane Structure and Mechanisms of Biological Energy Transduction. J. Avery, Ed. Plenum, New York, 1973. viii, 602 pp., illus. \$20. Reprinted from *Journal of Bioenergetics*, vols. 3 and 4 (1972).

Metabolic Interconversion of Enzymes 1973. Proceedings of a symposium, Seattle, Wash., June 1973. E. H. Fischer, E. G. Krebs, H. Neurath, and E. R. Stadtman, Eds. Springer-Verlag, New York, 1974. xvi, 400 pp., illus. \$29.90.

Methods in Cell Biology. Vol. 8. David M. Prescott, Ed. Academic Press, New York, 1974. xxiv, 464 pp., illus. \$35.

Modern Developments in Thermodynamics. An Interdisciplinary Collective Treatise. Benjamin Gal-Or, Ed. Halsted (Wiley), New York, and Israel Universities Press, Jerusalem, 1974. xxviii, 458 pp., illus. \$22.50.

Natural Philosophy at Dartmouth. From Surveyors' Chains to the Pressure of Light. Sanborn C. Brown and Leonard M. Rieser. Dartmouth College, Hanover, N.H., 1974 (distributor, University Press of New England, Hanover, N.H.). xii, 128 pp., illus. \$6.50.

A Neurophysiological Model of Emotional and Intentional Behavior. John L. Weil. Illustrated by Gayanne DeVry and Elaine Adele Gampp. Thomas, Springfield, Ill., 1974. xiv, 190 pp. \$15.75.

North American Indians. An Anthropological Perspective. William W. Newcomb, Jr. Goodyear Publishing Co., Pacific Palisades, Calif., 1974. x, 278 pp., illus. Cloth, \$7.95; paper, \$4.95. Good-year Regional Anthropology Series.

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Nuclear Structure Study with Neutrons. Proceedings of a conference, Budapest, Hungary, July 1972. J. Erö and J. Szücs, Eds. Akadémiai Kiadó, Budapest, and Plenum, New York, 1974. 514 pp., illus. \$27.50.

Optimum Structural Design. Theory and Applications. Papers from a symposium, Swansea, England, Jan. 1972. R. H. Gallagher and O. C. Zienkiewicz, Eds. Wiley, New York, 1973. xiv, 358 pp., illus. \$22.50.

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The Origin of Landscapes. A Synthesis of Geomorphology. H. F. Garner. Drawings by Mary Craig Garner. Oxford University Press, New York, 1974. xxii, 734 pp., illus. \$18.50.

Particle Size Analysis. Zdeněk K. Jelínek. Translated from the Czech edition (Prague, 1970) by Ota Sofr. W. A. J. Bryce, Transl. Ed. Ellis Horwood, Chi-

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chester, England, and Halsted (Wiley), New York, 1974. 178 pp., illus. \$16.50. Ellis Horwood Series in Analytical Chemistry.

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Structural Mechanics Computer Programs. Surveys, Assessments, and Availability. Papers from a symposium, College Park, Md., June 1974. W. Pilkey, K. Saczalski, and H. Schaeffer, Eds. University Press of Virginia, Charlottesville, 1974. xiv, 1106 pp., illus. \$20.

Suburban Growth. Geographical Processes at the Edge of the Western City. James H. Johnson, Ed. Wiley, New York, 1974. xvi, 258 pp., illus. \$15.95.

Swine Production in Temperate and Tropical Environments. W. G. Pond and J. H. Maner. Freeman, San Francisco, 1974. x, 646 pp., illus. \$17.50. A Series of Books in Agricultural Science.

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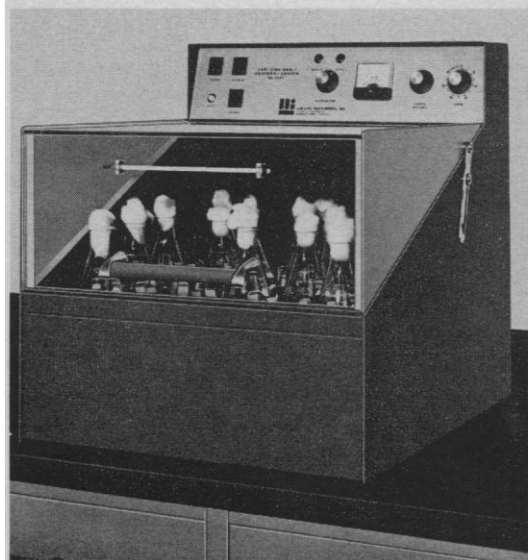
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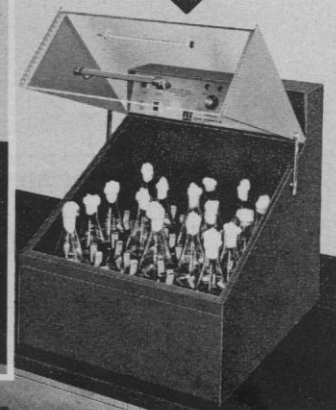
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