

teresting chapters on development, stress responses, and other subjects.

But with regard to making explicit any unique relationship between the limbic and autonomic nervous systems, there is what almost appears to be a conspiracy of silence. Only in the contribution by Cohen is any evidence presented that limbic rather than other parts of the forebrain are involved in autonomic regulation. And Cohen's research is limited to pigeons. All the other chapters that deal with forebrain control of autonomic responses include references to influences initiated from the lateral cortical convexity (especially precentral and anterior frontal).

Does this mean that DiCara's conception of the volume is inappropriate? Perhaps, but there remains the nagging conviction that the editor has some intuition which, if it could only be made explicit, would illuminate a considerable range of brain-behavior relationships. *Limbic and Autonomic Nervous Systems Research* can be an invaluable source in the search for this illumination.

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## Cosmology

**Black Holes, Gravitational Waves and Cosmology.** An Introduction to Current Research. MARTIN REES, REMO RUFFINI, and JOHN ARCHIBALD WHEELER. Gordon and Breach, New York, 1974. xvi, 332 pp., illus., + appendix. \$29.50. Topics in Astrophysics and Space Physics, vol. 10.

In the rapidly developing field of relativistic astrophysics and cosmology the existing books have been comprehensive treatises, generally emphasizing one aspect of the subject or another and demanding of the reader a fairly high level of technical proficiency. This book makes the basic concepts of the whole field accessible to the advanced undergraduate or beginning graduate student. It could be used on its own at this level or serve as an introduction or supplement to one of the more advanced books.

The first ten chapters are based on "Relativistic Cosmology and Space Platforms," a European Space Research Organization report by Ruffini and Wheeler dealing with relativistic stars, pulsars, supernovae, black holes, quasars, gravitational waves, and tests of gravitation theories. The remaining nine chapters describe modern cosmology, both observational and theoretical, ending with Wheel-

er's speculative ideas on the reprocessing of the universe.

The book is very well written. The prose is both readable and concise. Generally, the authors introduce a new concept or result by way of something already familiar to the reader (a Newtonian analog or a dimensional argument, for example), give a simple derivation where possible, and give extensive references should one wish to go deeper into the topic.

Many books of this kind are marred by numerous errors in the text. This one is relatively error-free. (Two that I noticed: gravitational radiation emission *decreases*, not *increases* as is stated, the period of a binary system, and the equations of stellar structure quoted for the Brans-Dicke theory are incorrect.)

In any rapidly developing field a book may be largely out of date by the time it is completed. Here this problem has been minimized through emphasis on basic physical ideas rather than on particular model-dependent conclusions. However, the authors felt it necessary to add a selection of reprints on black holes and gravitational waves in an attempt to update that part of the book. This decision is my only grounds for major criticism of the book: the book succeeds because it distills each topic and presents it in a manner that makes it easy to understand. The journal articles by their very nature are out of place in a book of this kind, and their omission would have reduced the length of the book, (and perhaps the price too) by over 20 percent.

Not only is this book suitable as a textbook for students, many working astrophysicists will find it a useful book to own.

SAUL TEUKOLSKY

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## Books Received

**Abnormalities in Parents of Schizophrenics.** A Review of the Literature and an Investigation of Communication Defects and Deviances. Steven R. Hirsch and Julian P. Leff. Oxford University Press, New York, 1975. viii, 200 pp. \$20.95. Institute of Psychiatry Maudsley Monographs, No. 22.

**Academic and Entrepreneurial Research.** The Consequences of Diversity in Federal Evaluation Studies. Ilene Nagel Bernstein and Howard E. Freeman. Russell Sage Foundation, New York, 1975. xiv, 188 pp., illus. \$8.95.

**Active-filter Cookbook.** Don Lancaster. Sams and Bobbs-Merrill, Indianapolis, 1975. 240 pp., illus. Paper, \$14.95.

**Advanced Engineering Mathematics.** C. Ray Wylie. McGraw-Hill, New York, ed. 4, 1975. xii, 938 pp., illus. \$16.50.

**Advances in Radiation Research.** Biology and

Medicine. J. F. Duplan and A. Chapiro, Eds. Gordon and Breach, New York, 1973. Three volumes, illus. Vol. 1. xxvi + pp. 1-466. \$36. Vol. 2. xii + pp. 467-996. \$42. Vol. 3. x + pp. 997-1522. \$42. The set, \$108.

**All in Our Time.** The Reminiscences of Twelve Nuclear Pioneers. Jane Wilson, Ed. Educational Foundation for Nuclear Science, Chicago, 1975. iv, 236 pp., illus. Paper, \$3.45. Reprinted from *The Bulletin of the Atomic Scientists*.

**Antiviral Mechanisms.** The Gustav Stern Symposium. Morris Pollard, Ed. Academic Press, New York, 1975. xxxii, 344 pp., illus. \$26. Perspectives in Virology, 9.

**Archaeology beneath the Sea.** George F. Bass. Walker, New York, 1975. xii, 238 pp., illus. + plates. \$12.95.

**Atlas and Laboratory Guide for Vertebrate Embryology.** Saul Wischnitzer. McGraw-Hill, New York, 1975. xiv, 160 pp. Paper, \$7.95.

**Atomic Inner-shell Processes.** Vol. 2, Experimental Approaches and Applications. Bernd Crasemann, Ed. Academic Press, New York, 1975. x, 220 pp., illus. \$27.50.

**The Awakening of Kundalini.** Gopi Krishna. Dutton, New York, 1975. xii, 130 pp. Paper, \$3.25.

**A Basis and Practice of Neuroanaesthesia.** Emeric Gordon, Ed. Excerpta Medica, New York, 1975. xiv, 274 pp., illus. \$31.25. Monographs in Anaesthesiology, vol. 2.

**Between Alchemy and Technology.** The Chemical Laboratory. Judith A. Walmsley and Frank Walmsley. Prentice-Hall, Englewood Cliffs, N.J., 1975. xvi, 270 pp., illus. Paper, \$7.95.

**Biology.** The World of Life. Robert A. Wallace. Goodyear Publishing Co., Pacific Palisades, Calif., 1975. xviii, 512 pp., illus. \$12.95.

**Biota of the West Flower Garden Bank.** Thomas J. Bright and Linda Haithcock Pequegnat, Eds. Gulf Publishing Co., Houston, 1974. x, 436 pp., illus. \$18.95. A Publication of the Flower Garden Ocean Research Center.

**British Mesozoic Fossils.** British Museum (Natural History), London, ed. 5, 1975. vi, 208 pp., illus. Paper, 75 p.

**Carbenes.** Vol. 2. Robert A. Moss and Maitland Jones, Jr., Eds. Wiley-Interscience, New York, 1975. xvi, 374 pp., illus. \$24.95. Reactive Intermediates in Organic Chemistry.

**Category Theory Applied to Computation and Control.** Proceedings of a symposium, San Francisco, Feb. 1974. E. G. Manes. Springer-Verlag, New York, 1975. x, 246 pp. Paper, \$10.80. Lecture Notes in Computer Science, vol. 25.

**The Changing Global Environment.** S. Fred Singer, Ed. Reidel, Boston, 1975. viii, 424 pp., illus. \$18.50.

**Chemistry for Biologists.** J. Jayaraman and Kunthala Jayaraman. Thomson Press, Delhi, India, 1974. viii, 262 pp., illus. Paper, Rs 14.

**Chromosomal Variation in Man.** A Catalog of Chromosomal Variants and Anomalies. Digamber S. Borgaonkar. Johns Hopkins University Press, Baltimore, 1975. xxii, 230 pp., illus. \$15.

**Classification Theory of Algebraic Varieties and Compact Complex Spaces.** Kenji Ueno in collaboration with P. Cherenack. Springer-Verlag, New York, 1975. xx, 278 pp. Paper, \$12.10. Lecture Notes in Mathematics, vol. 439.

**Communities and Ecosystems.** Robert H. Whittaker. Macmillan, New York, ed. 2, 1975. xx, 388 pp., illus. Paper, \$6.95.

**Corporations and Society.** The Social Anthropology of Collective Action. M. G. Smith. Aldine, Chicago, 1975. 384 pp. \$17.50.

(Continued on page 484)

## BOOKS RECEIVED

(Continued from page 452)

**The Design of Real Time Applications.** M. Blackman. Wiley-Interscience, New York, 1975. xviii, 266 pp., illus. \$22.

**Dictyostelium Discoideum.** A Developmental System. William F. Loomis. Academic Press, New York, 1975. x, 214 pp., illus. \$19.50.

**Dynamics of Growth in a Finite World.** Dennis L. Meadows and five others. Wright-Allen, Cambridge, Mass., 1974. xii, 638 pp., illus. \$35.

**Effective Psychotherapy with the Schizophrenic Patient.** John C. Whitehorn and Barbara J. Betz. Aronson, New York, 1975. xii, 292 pp. \$12.50.

**Elliptic Functions and Transcendence.** David

Masser. Springer-Verlag, New York, 1975. xiv, 144 pp. Paper, \$7.80. Lecture Notes in Mathematics, vol. 437.

**Environmental Problems in Medicine.** William D. McKee, Ed. Thomas, Springfield, Ill., 1975. xx, 860 pp., illus. \$36.50.

**Exercises in Cell Biology.** John A. Parsons and Harriette C. Schapiro. McGraw-Hill, New York, 1975. x, 126 pp., illus. Paper, \$5.95. McGraw-Hill Series in Cell Biology.

**Experimental Studies in Adult Learning and Memory.** D. Barry Lumsden and Ronald H. Sherron, Eds. Hemisphere, Washington, D.C., and Halsted (Wiley), New York, 1975. xvi, 208 pp., illus. \$14.95.

**Forest Soils and Forest Land Management.** Proceedings of a conference, Quebec, Aug.

1973. B. Bernier and C. H. Winget, Eds. Les Presses de l'Université Laval, Quebec, 1975. x, 674 pp., illus. \$18.90.

**From Scientific Search to Atomic Industry.** Modern Problems of Atomic Science and Technology in the USSR. A. M. Petrosyants. Translated from the Russian edition (Moscow, 1972). Interstate, Danville, Ill., 1975. xii, 370 pp., illus. \$16.90.

**The Future of the U.S. Space Program.** Arthur L. Levine. Praeger, New York, 1975. xiv, 202 pp. \$16.50. Praeger Special Studies in U.S. Economic, Social, and Political Issues.

**Genetic Structure and Function.** P. F. Smith-Keary. Halsted (Wiley), New York, 1975. xvi, 368 pp., illus. \$11.95.

**Geometric Topology.** Proceedings of a conference, Park City, Utah, Feb. 1974. L. C. Glaser and T. B. Rushing, Eds. Springer-Verlag, New York, 1975. x, 460 pp., illus. Paper, \$16. Lecture Notes in Mathematics, vol. 438.

**Handbook of Electronic Circuits.** Design, Operation, Applications. Graham J. Scoles. Horwood, Chichester, England, and Halsted (Wiley), New York, 1975. xiv, 370 pp., illus. \$39.50.

**Handbook of Solid Waste Disposal.** Materials and Energy Recovery. Joseph L. Pavoni, John E. Heer, Jr., and D. Joseph Hagerty. Van Nostrand Reinhold, New York, 1975. xvi, 550 pp., illus. \$25. Van Nostrand Reinhold Environmental Engineering Series.

**Health by the People.** Kenneth W. Newell, Ed. World Health Organization, Geneva, 1975. xii, 206 pp., illus. Sw. F 36.

**A History of Fishes.** J. R. Norman. Third edition by P. H. Greenwood. Illustrated by W. P. C. Tenison. Halsted (Wiley), New York, 1975. xxvi, 468 pp. \$17.95.

**In the Magic Land of Peyote.** Fernando Benítez. Translated by John Upton. University of Texas Press, Austin, 1975. xviii, 198 pp., illus. \$9.75.

**Infrared Detectors.** Richard D. Hudson, Jr., and Jacqueline Wordsworth Hudson, Eds. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1975 (distributor, Halsted [Wiley], New York). xviii, 392 pp., illus. \$26. Benchmark Papers in Optics, vol. 2.

**Instrumental Methods of Chemical Analysis.** Galen W. Ewing. McGraw-Hill, New York, ed. 4, 1975. viii, 560 pp., illus. \$18.95.

**Introduction to Insect Pest Management.** Robert L. Metcalf and William H. Luckmann, Eds. Wiley-Interscience, New York, 1975. xiv, 588 pp., illus. \$19.95. Environmental Science and Technology.

**Introduction to Superconductivity.** Michael Tinkham. McGraw-Hill, New York, 1975. xiv, 296 pp., illus. \$19.50. International Series in Pure and Applied Physics.

**Lactic Acid Bacteria in Beverages and Food.** Proceedings of a symposium, Bristol, England, Sept. 1973. J. G. Carr, C. V. Cutting, and G. C. Whiting, Eds. Academic Press, New York, 1975. xvi, 416 pp., illus. \$28.50.

**Life Science in the Twentieth Century.** Garland E. Allen. Wiley, New York, 1975. xxviii, 258 pp., illus. \$9.95. Wiley History of Science.

**Magnetic Resonance and Related Phenomena.** Proceedings of a congress, Nottingham, England, Sept. 1974. P. S. Allen, E. R. Andrew, and C. A. Bates, Eds. North-Holland, Amsterdam, and Elsevier, New York, 1975. Two volumes, xxii, 590 pp. + indexes, illus. \$70.95.

**Man, Microbes and Matter.** Bartley C. Block. Illustrated by Jacques Ducas. McGraw-Hill, New York, 1975. xiv, 802 pp., illus. \$16.95.

**Marine Ecology.** A Comprehensive, Integrated Treatise on Life in Oceans and Coastal



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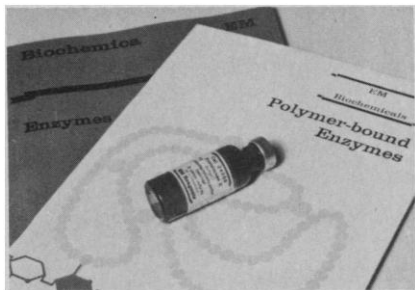


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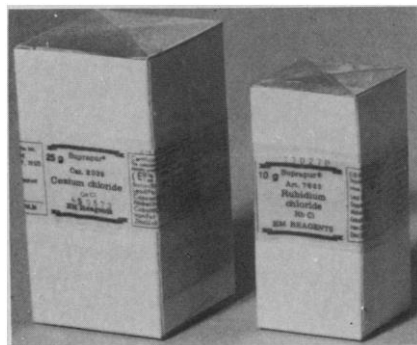
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Waters. Vol. 2, Physiological Mechanisms. Part 1. Otto Kinne, Ed. Wiley-Interscience, New York, 1975. xvi, 450 pp., illus. \$44.

**Mastering Chemistry.** A Problem Solving Guide for Introductory Chemistry. Gerald W. Gibson. Saunders, Philadelphia, 1975. x, 468 pp. Paper, \$6.95. Saunders Golden Series.

**Measurement of Human Resources.** Papers from a symposium, Lisbon, June 1973. W. T. Singleton and P. Spurgeon, Eds. Taylor and Francis, London, and Halsted (Wiley), New York, 1975. xii, 370 pp., illus. \$27.50.

**Mini-wood Community.** Paul Griswold Howes. Published for Sylvanus, Noroton, Conn., by Exposition Press, Hicksville, N.Y., 1975. xii, 224 pp., illus. \$20.

**Modern Atomic Physics.** Fundamental Principles. B. Cagnac and J.-C. Pebay-Peyroula. Translated from the French edition (Paris, 1971) by J. S. Deech. Halsted (Wiley), New York, 1975. xxiv, 328 pp., illus. \$16.95.

**Molecular and Quantum Pharmacology.** Proceedings of a symposium, Jerusalem, Mar. 1974. Ernst D. Bergmann and Bernard Pullman, Eds. Reidel, Boston, 1974. x, 592 pp., illus. \$54. The Jerusalem Symposia on Quantum Chemistry and Biochemistry, vol. 7.

**Multicolor Photometry and the Theoretical HR Diagram.** Proceedings of a conference, Albany, N.Y., Oct. 1974. A. G. Davis Philip and D. S. Hayes, Eds. Dudley Observatory, Albany, N.Y., 1975. viii, 524 pp., illus. Cloth, \$15; paper, \$10. Dudley Observatory Reports, No. 9.

**Natural Resource Conservation.** An Ecological Approach. Oliver S. Owen. Macmillan, New York, ed. 2, 1975. xiv, 700 pp., illus. \$13.95.

**Non-Silver Photographic Processes.** Proceedings of a symposium, Oxford, England, Sept. 1973. R. J. Cox, Ed. Published for the Scientific and Technical Group of the Royal Photographic Society by Academic Press, New York, 1975. xii, 372 pp., illus. \$24.75.

**Oceanology.** Vol. 2. P. S. Lineykin, Ed. Translated from the Russian edition (Moscow, 1973). Hall, Boston, 1974. viii, 134 pp., illus. \$24. Summaries of Scientific Progress, Geophysics Series.

**Organic Molecular Photophysics.** Vol. 2. John B. Birks, Ed. Wiley-Interscience, New York, 1975. xx, 654 pp., illus. \$68. Wiley Monographs in Chemical Physics.

**Origins of Human Nature and Human Behavior.** Donald V. Hirst. Philosophical Library, New York, 1975. 106 pp., illus. \$10.

**Parallel Processing.** Proceedings of a conference, Raquette Lake, N.Y., Aug. 1974. Tse-yun Feng. Springer-Verlag, New York, 1975. vi, 434 pp., illus. Paper, \$15.10. Lecture Notes in Computer Science, vol. 24.

**The Pathology of Fishes.** Proceedings of a symposium, Washington, D.C., Aug. 1972. William E. Ribelin and George Migaki, Eds. University of Wisconsin Press, Madison, 1975. xii, 1004 pp., illus. \$35.

**Physics for Biologists.** George Duncan. Halsted (Wiley), New York, 1975. viii, 200 pp., illus. Paper, \$8.95.

**Plant Mineral Nutrition.** E. J. Hewitt and T. A. Smith. Halsted (Wiley), New York, 1975. vi, 298 pp., illus. \$11.95.

**Politics, Minerals, and Survival.** Proceedings of a symposium, Dallas, Feb. 1974. Ralph W. Marsden, Ed. Published for the Society of Economic Geologists Foundation by University of Wisconsin Press, Madison, 1975. xvi, 88 pp., illus. Cloth, \$10; paper, \$2.45.

**The Practical Statistician.** Simplified Handbook of Statistics. Marigold Linton and Philip S. Gallo, Jr., with the assistance of Cheryl A. Logan. Brooks/Cole, Monterey, Calif., 1975.

xii, 384 pp., illus. Paper, \$6.95. Brooks/Cole Series in Statistics.

**Probability and Statistics.** Morris H. DeGroot. Addison-Wesley, Reading, Mass., 1975. xiv, 608 pp., illus. \$15.95. Addison-Wesley Series in Behavioral Science.

**Proceedings of the International Symposium on Quantum Biology and Quantum Pharmacology.** Sanibel Island, Fla., Jan. 1974. Per-Olov Löwdin, Ed. Interscience (Wiley), New York, 1975. xiv, 316 pp., illus. Paper, \$25. *International Journal of Quantum Chemistry* Quantum Biology Symposium No. 1.

**Programming Methodology.** Papers from a symposium, Wildbad, Germany, Sept. 1974. Clemens E. Hackl, Ed. Springer-Verlag, New York, 1975. vi, 502 pp., illus. Paper, \$16.80. Lecture Notes in Computer Science, vol. 23.

**Psychosocial Stress.** Population, Environment and Quality of Life. Lennart Levi and Lars Andersson. Spectrum, New York, 1975 (distributor, Wiley, New York). xvi, 142 pp., illus. \$10.

**Pulmonates.** Vol. 1, Functional Anatomy and Physiology. Vera Fretter and J. Peake, Eds. Academic Press, New York, 1975. xxx, 418 pp., illus. \$35.

**Race, Class, and Power.** Ideology and Revolutionary Change in Plural Societies. Leo Kuper. Aldine, Chicago, 1975. 346 pp. \$14.95.

**The Rainbow Book.** Being a Collection of Essays and Illustrations Devoted to Rainbows in Particular and Spectral Sequences in General Focusing on the Meaning of Color (Physically and Metaphysically) from Ancient to Modern Times. F. Lanier Graham, Sunshine Burstein, and Mark Burstein, Eds. Published for the Fine Arts Museums of San Francisco by Shambhala, Berkeley, Calif., 1975. 224 pp., illus. Paper, \$8.95.

**Regulation of Hepatic Metabolism.** Proceedings of a symposium, Copenhagen, May 1973. Frank Lundquist and Niels Tygstrup, Eds. Munksgaard, Copenhagen, and Academic Press, New York, 1975. 828 pp., illus. \$47.50. Alfred Benzon Symposium VI.

**The Religion of Isaac Newton.** The Fremantle Lectures 1973. Frank E. Manuel. Clarendon (Oxford University Press), New York, 1974, viii, 142 pp. \$11.25.

**Religious Movements in Contemporary America.** Papers from two symposia, Nov. 1970 and Apr. 1971. Irving I. Zaretsky and Mark P. Leone, Eds. Princeton University Press, Princeton, N.J., 1974. xxxvi, 838 pp. \$25.

**Report on Endangered and Threatened Plant Species of the United States.** Presented to the Congress of the United States by the Secretary, Smithsonian Institution. Published for the Committee on Merchant Marine and Fisheries by U.S. Government Printing Office, Washington, D.C., 1975 (available from Endangered Flora Project, Department of Botany, Smithsonian Institution, Washington, D.C.). iv, 200 pp. Paper. House Document No. 94-51.

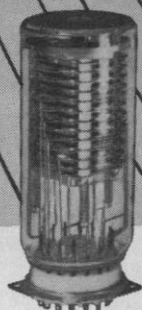
**Rock Art in New Mexico.** Polly Schaafsma. Photography by Karl Kemberger and Curtis Schaafsma. Published for Cultural Properties Review Committee by University of New Mexico Press, Albuquerque, 1975. xii, 210 pp., illus. Paper, \$8.50.

**Sedimentary Rocks.** Concepts and History. Albert V. Carozzi, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1975 (distributor, Halsted [Wiley], New York). xvi, 468 pp., illus. \$28. Benchmark Papers in Geology, vol. 15.

**The Shell Makers.** Introducing Mollusks. Alan Solem. Drawings by Carole W. Christman. Wiley-Interscience, New York, 1974. xiv, 290 pp. + plates. \$9.95.

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electrics. R. Blinc and B. Zeks. North-Holland, Amsterdam, and Elsevier, New York, 1974. xii, 318 pp., illus. \$34.75. Selected Topics in Solid State Physics, vol. 13.

**Soil Components.** Vol. 1, Organic Components; vol. 2, Inorganic Components. John E. Gieseking, Ed. Springer-Verlag, New York, 1975. Vol. 1, x, 534 pp., illus., \$72.80; vol. 2, xii, 684 pp., illus., \$74.80.

**Solid-State and Molecular Theory.** A Scientific Biography. John C. Slater. Wiley-Interscience, New York, 1975. x, 358 pp., illus. \$18.95.

**Some Methods for Microbiological Assay.** R. G. Board and D. W. Lovelock, Eds. Academic Press, New York, 1975. xiv, 286 pp., illus. \$20.75. The Society for Applied Bacteriology Technical Series No. 8.

**Soviet Military Strategy.** V. D. Sokolovskiy. Translated from the third Russian edition (Moscow, 1968) and edited by Harriet Fast Scott. Crane, Russak, New York, 1975. xlviii, 494 pp. \$17.50.

**Space-Time and Beyond.** Toward an Explanation of the Unexplainable. Bob Toben in conversation with Jack Sarfatti and Fred Wolf. Dutton, New York, 1975. 176 pp., illus. Paper, \$4.95.

**Sport in Classic Times.** A. J. Butler. Kaufmann, Los Altos, Calif., 1975. 214 pp., illus. \$10. Reprint of the 1930 edition.

**Statistical Design of Fatigue Experiments.** R. E. Little and E. H. Jebe. Halsted (Wiley), New York, 1975. x, 280 pp., illus. \$32.50.

**Steel-Concrete Composite Beams for Buildings.** Colin Davies. Halsted (Wiley), New York, 1975. x, 126 pp., illus. \$18.50.

**Strategy for New Community Development in the United States.** Gideon Golany, Ed. Dowden, Hutchinson and Ross, Stroudsburg, Pa., 1975 (distributor, Wiley, New York). x, 294 pp., illus. \$28. Community Development Series.

**Studies in Long Term Memory.** Alan Kennedy and Alan Wilkes, Eds. Wiley, New York, 1975. xviii, 358 pp., illus. \$29.50.

**Studies in Topology.** Proceedings of a conference, Charlotte, N.C., Mar. 1974. Nick M. Stavrakas and Keith R. Allen, Eds. Academic Press, New York, 1975. xxii, 650 pp. \$27.50.

**Studies on Neuromuscular Diseases.** Proceedings of a symposium, Giessen, Germany, Apr. 1973. Klaus Kunze and John E. Desmedt, Eds. Karger, Basel, 1975. viii, 300 pp., illus. \$61.25.

**The Study of Benthic Communities.** A Model and a Review. Robert H. Parker. Elsevier, New York, 1975. x, 280 pp., illus. \$29.95. Elsevier Oceanography Series, 9.

**Symbols, Systems, Science and Survival.** A Presentation of the Systems Approach from a Teilhardian Perspective. R. Wayne Kraft. Vantage, New York, 1975. xviii, 246 pp., illus. \$6.95.

**A Textbook of Pharmaceutical Analysis.** Kenneth A. Connors. Wiley-Interscience, New York, ed. 2, 1975. xii, 612 pp., illus. \$18.95.

**Theoretical Problems in Physical and Economic Geography.** Vol. 1. L. S. Abramov, Ed. Translated from the Russian edition (Moscow, 1973). Hall, Boston, 1975. xiv, 140 pp. \$22. Itogi Summaries of Scientific Progress. Geography Series.

**Thymus Factors in Immunity.** Papers from a conference, Apr. 1974. Herman Friedman, Ed. New York Academy of Sciences, New York, 1975. 548 pp., illus. Paper, \$39. *Annals of the New York Academy of Sciences*, vol. 249.

**Transport Phenomena.** W. J. Beek and K. M. K. Muttzall. Wiley-Interscience, New York, 1975. x, 298 pp., illus. \$28.50.

**The Vitamin Conspiracy.** John J. Fried. Dutton, New York, 1975. x, 212 pp. \$8.95.

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