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ASPECTS OF PLANOMETRICS—Alfred Zauber- man with others—Yale Univ. Press, 1967, 318 p., \$9.50. Drawing on Soviet sources, this is the first detailed study of the "planometric" school as it has developed in the Soviet Union, applying mathematical economics to the problems of central planning.

THE CAUSES OF BLINDNESS IN CHILD- HOOD: A Study of 776 Children with Severe Visual Handicaps—G. R. Fraser and A. I. Fried- mann, preface by L. S. Penrose—Johns Hopkins Press, 1968, 245 p., diagrams, \$12. Results of an extensive inquiry probing a wide spectrum of diseases which damage the eye in early life. Statistical analysis also seeks to define the roles and relative importance of heredity and environment in childhood blindness.

COMMUNICATIONS SYSTEMS AND RE- SOURCES IN THE BEHAVIORAL SCIENCES—Committee on Information in the Behavioral Sciences, NRC; David Easton, Chmn.—NAS- NRC, 1967, 67 p., paper, \$2.50. Outlines an ideal computer-based system that could respond to direct requests for facts, data and documentation.

CUTANEOUS SENSATION—David Sinclair—Oxford Univ. Press, 1967, 306 p., illus., \$14. Intended for clinicians, this study of the nervous pathways that convey information from human skin, discusses major theories and methods of investigation, nerve endings, neurons and path- ways, and the various factors of sensations.

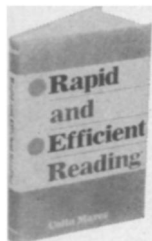
DIRECTORY OF NATIONAL TRADE AND PROFESSIONAL ASSOCIATIONS OF THE UNITED STATES, 1968—Craig Colgate, Jr., Ed. Columbia Bks., 1968, 145 p., paper, \$7.95. Up-to- date roster of existing associations, contains 4000 listings alphabetically arranged.

THE ELECTRON-REPUSSION THEORY OF THE CHEMICAL BOND—William Fay Luder—Reinhold, 1967, 108 p., diagrams, \$3.50. In this book new models of atomic structure, which might lead to meaningful pictures of atoms, are presented.

ESKIMO MASKS: Art and Ceremony—Dorothy photographs by Alfred A. Blaker, drawings, \$12.50. Presents the esthetic and ceremonial aspects of Eskimo masks pictorially, and analyzes all aspects of Eskimo life relative to masks, with descriptive catalogue of each mask illustrated.

HOMER FOLKS: Pioneer in Social Welfare—Walter I. Tratner—Columbia Univ. Press, 1968, 355 p., \$10. A study of the life, thought and achievements of a humanitarian whose insights and efforts in the late 18th century, primarily concerned with conditions in New York State, laid some of the groundwork to present-day public and mental health, and welfare programs.

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HYDRA, A GREEK ISLAND TOWN: Its Growth and Form—Constantine E. Michaelides—Univ. of Chicago Press, 1968, 93 p., photographs, maps, plans, \$10.50. Brief history and detailed discussion of the architectural grace and unity of an 18th century maritime community.

INVESTIGATION OF THE PHYSICO-CHEMICAL MECHANICS OF CLAY-MINERAL DISPERSIONS—F. D. Ovcharenko and others, P. A. Rebinder, Ed., transl. from Russian—IPST (Daniel Davey, N.Y.), 1967, 146 p., illus., \$7.50. Con- cerned with the application of advances in crystal and colloidal chemistry to the control of the struc- tural-mechanical properties of dispersed structures of clay minerals and clays by physical and chemi- cal treatment.

INVESTIGATIONS IN CHEMISTRY: A Text for the General Chemistry Laboratory—Jay E. Taylor, John R. Demuth and George L. Bush—Burgess, 1967, 4th ed., 241 p., diagrams, paper, \$3.90. Ex- periments stress the investigative approach to chemistry and manual emphasizes the underlying principles.

IONS FOR BREATHING: Control of the Air- Electrical Climate for Health—Chr. Bach, transl. from Danish—Pergamon Press, 1968, 104 p., illus., \$4.50. Gives an account of the properties of "air- electric climate," the author's own experimental work, and the measuring instruments he devised.

LAW AND THE SOCIAL ROLE OF SCIENCE—Harry W. Jones, Ed.—Rockefeller Univ. Press, 1967, 244 p., illus., \$6. Nine reports on science and law relations, on such topics as the federal tax policy in support of science, privacy and be- havioral research, legal inquiry and the methods of science, and literature survey.

MECHANICAL MAN: The Physical Basis of Intelligent Life—Dean E. Wooldridge—McGraw- Hill, 1968, 212 p., \$8.95. Drawing on recent dis- coveries in biophysics, neurophysiology, electro- physiology and computer science, the author offers evidence for his proposition that biology is a branch of physical science and can be explained in terms of particles and laws of physics.

MINERAL YEARBOOK 1965, Vol. IV: Area Re- ports: International—Staff of Bureau of Mines, Walter R. Hibbard, Jr., Dir.—GPO, 1967, 1285 p., \$4.75. Reviews minerals in the world economy and presents latest available statistics for more than 130 foreign countries and areas.

MINERALS YEARBOOK 1966, Vol. I-II: Metals, Minerals and Fuels—Bureau of Mines Staff, Walter R. Hibbard, Jr., Dir.—GPO, 1967, 1352 p., graphs, \$5. Contains statistical data on production, consumption, imports, exports and related subjects, collected by the Bureau from sources all over the world.

THE MOVEMENT OF MOLECULES ACROSS CELL MEMBRANES—W. D. Stein—Academic Press, 1967, 369 p., illus., \$17.50. Summarizes per- tinent current knowledge on the structure and composition of the cell membrane and analyzes the molecular basis of the movement of sub- stances across the cell membrane.

THE NAKED APE: A Zoologist's Study of the Human Animal—Desmond Morris—McGraw-Hill, 1967, 252 p., \$5.95. Examines in detail man's normal, basic behavior patterns shared by all the ordinary, successful members of the major cul- tures.

THE NEUROSCIENCES: A Study Program—Planned and edited by Gardner C. Quarton, Theod- ore Melnechuk and Francis O. Schmitt—Rocke- feller Univ. Press, 1967, 962 p., 650 illus., \$17.50. An integrated series of surveys of selected scien- tific fields relevant to an understanding of brain function. The main sections deal with the com- ponents of the nervous system, with molecular biology, molecular biology of brain cells, neuronal physiology, brain correlates of functional be- havioral states, brain correlates of learning, and interdisciplinary topics.

THE PLANETARIUM AND ATMOSPHERIUM: An Indoor Universe—O. Richard Norton—Nature- graph, 1968, 176 p., 73 illus., \$4.50; paper, \$2.75. A semitechnical treatment of the planetarium, of the various models of the Zeiss planetarium, in particular, stressing the potential of the plane- tarium as an educational aid.

THE POLITICS OF PURE SCIENCE—Daniel S. Greenberg—New Am. Lib., 1968, 303 p., \$7.95.

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An inquiry into the developing relationship be- tween science and government in the United States, including analyses of such specific pro- jects as Mohole and the high energy accelerator for MURA.

THE POSTNATAL DEVELOPMENT OF THE HUMAN CEREBRAL CORTEX, Vol. VIII: The Cortex of the Six-Year Child—J. LeRoy Conel—Harvard Univ. Press, 1968, 306 p., 100 plates, \$20. Detailed microscopical investigation of six brains, examining and comparing growth in all layers with four year brains (Vol. VII). Includes tables and atlas of photomicrographs and drawings of sections.

PRESSURE VESSEL DESIGN AND ANALYSIS—M. B. Bickell and C. Ruiz—St. Martin's Press, 1968, 578 p., diagrams, \$21. Advanced treatise, deals with the latest methods of pressure vessel and piping design, including the application of shell analysis methods to metal pressure vessel designs.

PRINCIPLES OF ELECTRICITY: For Students of Physics and Engineering—Eugene George Key—Barnes & Noble, 1967, 342 p., diagrams, paper, \$1.95. Intended to assist the college student who is studying electricity and magnetism, elementary electronics or electrical circuits.

SCIENCE, ENGINEERING AND THE CITY: A Symposium—National Academy of Sciences and National Academy of Engineering, foreword by John G. Truxal—NAS, 1967, 142 p., paper, \$4.50. Papers deal with the social requirements of urban design, urban transportation problems, urban con- struction and experimentation programs.

SCIENCE IN PROGRESS—Hugh Taylor and others, Wallace R. Brode, Ed.—Yale Univ. Press, 1967, 390 p., illus., \$10. Sixteenth and final vol- ume in series publishing the Sigma Xi lectures.

THE TALE OF THE BIG COMPUTER: A Vision—Olof Johansson, transl. from Swedish by Naomi Walford—Coward-McCann, 1968, 126 p., \$4. The author of this scientific satire is the Swedish plasma physicist Hannes Alfvén (SN: 11/11/67).

TIME SERIES ANALYSIS—E. J. Hannan—Methuen (Barnes & Noble), 1967, 152 p., \$3.75; paper, \$2.25. Describes the statistical methods and the mathematical theory behind these methods which have become available for the treatment of time series.

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