

books OF THE WEEK

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AUDIOVISUAL MARKET PLACE: A Multimedia Guide—Bowker, 1969, 177 p., paper, \$12.25. A directory of the Audiovisual Industry, lists producers and distributors, equipment, services and organizations, film festivals, publications concerned with the new media—films, filmstrips, slides, tapes, transparencies, maps and globes.

CONFRONTATION: The Student Rebellion and the Universities—Daniel Bell and Irving Kristol, Eds.—Basic Bks., 1969, 191 p., \$5.95. Articles by scholars discuss the issues involved, from student power, black studies, generation gap, to the case of the Columbia gym, and restructuring the university.

EAGLES, HAWKS AND FALCONS OF THE WORLD, Vols. 1 and 2—Leslie Brown and Dean Amadon—McGraw-Hill, 1969, 945 p., 166 paintings, diagrams, 15 under-wing plates, 94 maps, two vols. in slip case, \$59.50; until 6/30/69, \$49.50. Sponsored by the National Audubon Society, this authoritative work gives about 300 detailed accounts of every eagle, hawk, falcon and vulture of the world, including range, voice, general behavior, food and breeding habits.

INVESTIGATING SCIENCE WITH COINS—Laurence B. White, Jr.—Addison-Wesley, 1969, 95 p., illus., \$3.50. Describes experiments using coins, demonstrating a variety of basic scientific laws.

MATHEMATICS: Its Content, Methods and Meaning, Vol. I, II and III—A. D. Aleksandrov, A. N. Kolmogorov and M. A. Lavrent'ev, Eds., transl. from Russian by S. H. Gould and T. Bartha—M.I.T. Press, 1969, 2nd ed., 376 p., 394 p., 372 p., diagrams, paper, three vols. in slip case, \$10. Originally (1963) published by the American Mathematical Society, presents large-scale organization of modern mathematics in an economical and clear exposition.

MATHEMATICS FOR SCIENCE AND ENGINEERING—Philip L. Alger—McGraw-Hill, 1969, 2nd ed., 374 p., diagrams, \$9.75. Reference book for self-study and use by practicing engineers, new edition has added sections on preferred numbers, on Latin squares, and on the nature and use of modern digital computers.

NUTRITION AND INTELLECTUAL GROWTH IN CHILDREN—Sylvia Sunderlin, Ed.—Assn. for Childhood Educ., 1969, 63 p., photographs, paper, \$1.25 direct to publisher, 3615 Wis. Ave., N.W., Washington, D.C. 20016. Reports on results of studies dealing with the consequences of malnutrition and protein deficiency in children, and discusses programs for providing adequate nutrition.

OPPENHEIMER—Robert Serber and others, introd. by I. I. Rabi—Scribner, 1969, 90 p., photographs, \$5.95. A short but significant biography in the words of five outstanding colleagues and friends recalling the early years, the Los Alamos years, the Princeton period and the scientist's public service and human contributions. Reference and biographical notes, glossary, chronology and bibliography of Oppenheimer's writings are included.

THE PERIODIC TABLE—D. G. Cooper—Plenum Press, 1969, 4th ed., 117 p., \$2.50. Offers a balanced appraisal of the whole table, its structure, weaknesses and strength, followed by group-by-group examination.

PRACTICAL DIAKOPTICS FOR ELECTRICAL NETWORKS—A. Brameller, M. N. John and M. R. Scott—Chapman & Hall (Barnes & Noble), 1969, 242 p., diagrams, \$10. Explains to students and practicing engineers the techniques and advantages of diakoptics by applying the method in detail to some network problems arising from real physical situations.

PROBLEMS OF PSYCHOLOGY—Kent Dallett—Wiley, 1969, 349 p., illus., \$5.95. Material is organized in three theoretically oriented chapters—mechanisms of behavior, behavioral units and psychological theory, and behavior change; the last part deals with applied psychology.

PROPERTIES OF MATTER UNDER UNUSUAL CONDITIONS (In Honor of Edward Teller's 60th Birthday)—Hans Mark and Sidney Fernbach, Eds.—Interscience Pubs., 1969, 389 p., illus., \$19.50. Contributions deal with such topics as the origin of galaxies, ultrahigh neutron fluxes, macroscopic change with time, and the physics of high-temperature plasma.

THE PROTON FLARE PROJECT (The July 1966 Event): Vol. 3, Annals of the IQSY—A. C. Stickland, Ed.—M.I.T. Press, 1969, 511 p., illus., \$19.50. Series of papers cover the complete event, from the birth of the eastern solar hemisphere through the date of the occurrence of the proton flare, up to its disappearance behind the western solar limb, based on combination of space and ground-based observations.

QUATERNARY LANDSCAPES IN IOWA—Robert V. Ruhe—Iowa State Univ. Press, 1969, 255 p., photographs, diagrams, \$8.50. Summarizes the most pertinent aspects of the episodes of glaciation during the Pleistocene, and the features and events of the Recent or since the last glaciation. Oriented toward an explanation of the landscapes and soils of Iowa.

THE RESEARCH SOCIETY—Evelyn Glatz and Maynard W. Shelly, Eds.—Gordon & Breach, 1969, 549 p., illus., \$28. Papers of a conference of R&D laboratory staff with visiting group of behavioral and management scientists. Subjects discussed range from risk-taking in a laboratory to researcher-subject alienation in behavioral research.

SECRET IN THE WHITE CELL: Case History of a Biological Search—Don Herbert and Fulvio Bardossi—Harper, 1969, 161 p., photographs, electron-micrographs, drawings, \$6.95. A vivid account of the manner in which the body's white blood cells intercept and destroy harmful organisms and how the scientist investigates a problem in this field.

SOCIAL PSYCHIATRY IN PRACTICE: The Idea of the Therapeutic Community—Maxwell Jones—Penguin Bks., 1969, 190 p., paper, \$1.25. Describes the objectives and workings of therapeutic communities, and the many difficult adjustments they demand in the formal and informal relations between patients and staff.

SPLENDOR IN THE SKY—Gerald S. Hawkins—Harper, 1969, rev. ed., 292 p., photographs, illus. by Robert E. Ridley, \$8.95. An overview of astronomy for the general reader, incorporates recent findings of radio and space astronomy.

THE STRUCTURE AND DEVELOPMENT OF THE COMMON MARKET—A. E. Walsh and John Paxton—Taplinger, 1969, 232 p., map, \$6.95. The result of ten years' continuous research, the book provides a guide to the European Common Market, it explains the Treaty of Rome, the institutions, the common farm policy, taxation, social security, common transport policy and other aspects of the Customs Union.

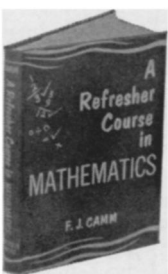
TELEOPERATOR CONTROLS: An AEC-NASA Technology Survey—William R. Corliss and Edwin G. Johnsen, foreword by Glenn T. Seaborg—NASA SP-5070 (CFSTI), 1969, 162 p., illus., paper, \$3. Describes the current development of teleoperator control theory and hardware, the cybernetic interaction between man, computer and versatile machines.

ULRICH'S INTERNATIONAL PERIODICALS DIRECTORY, Third Supplement 1969—Bowker, 1969, 225 p., paper, \$7.95. A classified guide to a selected list of current periodicals, foreign and domestic, updating volumes I and II of the 12th edition, covers both publications in the sciences and the humanities.

THE UNBOUND PROMETHEUS: Technological Change and Industrial Development in Western Europe from 1750 to the Present—David S. Landes—Cambridge Univ. Press, 1969, 566 p., \$8.50; paper, \$2.95. Includes full-scale analysis of modern industrial Europe from the First World War to the 1960s.

A REFRESHER COURSE IN MATHEMATICS

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URBAN DESIGN MANHATTAN: Regional Plan Association—Rai Y. Okamoto and Frank E. Williams with others, Stanley B. Tankel, Ed.—Viking Press, 1969, 130 p., photographs, diagrams in color, \$17.50. A research volume of the Second Regional Plan, projects problems and develops prototypes for the Central Business District and demonstrates visually application of urban design principles.

VERTEBRATES—C. J. McCoy, Jr.—Reinhold, 1969, 118 p., photographs, drawings, paper, \$2.25. Broad and generalized treatment of the phylum Chordata, emphasizes identification of important lineages and groups, and comparison of their evolutionary histories and prospects.

VILLAGE INDIA: Studies in the Little Community—McKim Marriott—Univ. of Chicago Press, 1969, 269 p., map, paper, \$3.45. Reprint (1955) of collection of studies on the social structure, changing status of caste, peasant culture and other sociological factors of change in rural India.

VINYL AND ALLIED POLYMERS, Vol. 1: Aliphatic Polyolefins and Polydienes: Fluoro-olefin Polymers—P. D. Ritchie, Ed.—CRC Press, 1969, 280 p., diagrams, \$16.60. A survey of recent views on the chemistry of the whole field, polyolefins in particular, polydienes and the group of polymers related to polytetrafluoroethylene.

WATER, HEALTH AND SOCIETY—Abel Wolman; Gilbert F. White, Ed.—Indiana Univ. Press, 1969, 400 p., illus., \$15. A collection of 32 papers on water supply, deals with problems ranging from the broad field of water resources, appraisal of standards of water quality to questions of technology, policy and ethics.

WHAT'S LEFT: Reports on a Diminishing America—Berton Roueché—Little, Brown, 1969, 210 p., \$5.95. Essays on observations the author made visiting little known and yet untouched regions in America, from an old tow-path in the East to wild rice in Minnesota, from the Arizona desert to a trip in an Eskimo dory in the Bering Sea.

WORLD CROP PROTECTION, Vol. I: Pests and Diseases—J. H. Stapley and F. C. H. Gayner, foreword by Lee Ling—CRC Press, 1969, 270 p., illus., \$18.50. Brings together descriptions of pests and diseases of cereals, field crops, fruit and plantation crops, and of the methods of control of pests and diseases, including weed control with herbicides.

WORLD PREHISTORY: A new Outline—Graeme Clark—Cambridge Univ. Press, 1969, 2nd ed., 16 plates, maps, \$7.50; paper, \$2.95. Entirely rewritten prehistory of the world and the development of mankind in each part of the world up to the time of recorded history, takes account of research and developments over the last few years.

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