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HYDROGEN EMBRITTLEMENT OF NON-FERROUS METALS—B. A. Kolachev, transl. from Russian by Ch. Nisenbaum, ed. by D. Slutzkin—IPST (Davey, Daniel), 1969, 208 p., diagrams, \$11. Summarizes the most important articles on the hydrogen embrittlement of such new constructional metals as titanium, zirconium, vanadium and niobium, including results of the author's own investigations.

THE INTELLECTUAL MIGRATION: Europe and America, 1930-1960—Donald Fleming and Bernard Bailyn, Eds.—Harvard Univ. Press, 1969, 748 p., illus., \$12.95. Accounts by American-born scholars of the impact of the refugees from Hitler's Europe on American cultural and scientific life, including reports by some of the more famous refugees themselves of their involvement with America.

INTERACTION CROSS SECTION OF ELEMENTARY PARTICLES—V. S. Barashenkov, transl. from Russian by Y. Oren—IPST (Davey, Daniel), 1969, 416 p., diagrams, \$21.50. Compilation of experimental data on total cross sections of elastic and inelastic interactions, and theoretical interpretations of the experimental findings.

INTRODUCTION TO ACID-BASE AND ELECTROLYTE BALANCE—Gösta Rooth—Barnes & Noble, 1969, 5th ed., 80 p., diagrams, paper, \$3.50. Presents acid-base balance using the nomograms of Siggaard-Andersen and demonstrates the correlation between acid-base and electrolyte balance.

IRRADIATION EFFECTS IN NUCLEAR FUELS—J. A. L. Robertson—Gordon & Breach, 1969, 309 p., illus., \$13. An AEC monograph, assemblies in one source facts and theories relating to the irradiation of uranium- and plutonium-rich alloys, oxide fuels, carbon fuels and other fissionable compounds, as well as dilute and dispersion fuels.

THE LIVING STREAM: Evolution and Man—Sir Alister Hardy—World Pub. Co., 1968, 292 p., illus., paper, \$2.95. Reprint (1965), an account of the theory of evolution from pre-Darwinian thought to the nature of the gene, and the creative power of selection to behavior as a selective force.

THE LONELY FURROW: Farming in the United States, Japan and India—Kusum Nair—Univ. of Mich. Press, 1969, 314 p., \$7.95. Backed by scholarly statistical background information, the study is mainly based on interviews with individual farmers in the U.S. and Japan. By comparing their attitudes and procedures the author reaches some conclusions in regard to India's agricultural development.

MAGNETOSPHERIC PHYSICS: Proceedings of 1968 International Symposium—Donald J. Williams and Gilbert D. Mead, Eds.—Am. Geophysical Union, 1969, 459 p., illus., \$10. Topics of the 15 review papers presented range from solar wind interaction with the geomagnetic field to magnetospheric convection.

MAN AGAINST CANCER—Bernard Glemser—Funk & Wagnalls, 1969, 349 p., \$7.95. Based on information gleaned from visiting research institutes and talking to scientists in many parts of the world, the book presents in lively narrative

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some examples of how man is applying his intelligence and imagination to conquer cancer.

MANAGEMENT AND THE COMPUTER IN INFORMATION AND CONTROL SYSTEMS—Bartow Hodge and Robert N. Hodgson—McGraw-Hill, 1969, 297 p., diagrams, \$13.50. Designed to help the operational manager in problem definition and communication, provides basic framework which the manager can use to define and analyze his systems requirements.

MEASUREMENTS IN APPLIED PHYSICS—A. A. Burr, K. J. Dean and R. J. Trebilcock—Chapman & Hall (Barnes & Noble), 1969, 228 p., diagrams, \$6. Written at undergraduate level, primarily for those studying either pure or applied physics, or materials science.

1908 SEARS, ROEBUCK CATALOGUE: A Treasured Replica from the Archives of History—Joseph J. Schroeder, Jr., Ed.—Follett Pub. Co., 1960, 1184 p., illus., paper, \$6.95. A fascinating indicator of changes—technological, social, and economic—in the American way of life, a flashback to the "good old days."

NOTHING STANDS STILL: Essays by Arthur M. Schlesinger—Introd. by Arthur M. Schlesinger, Jr.—Harvard Univ. Press, 1969, 204 p., \$6. Essays written between 1929 and 1965, concerning historical questions and public affairs that show much relevancy to contemporary problems.

AN OCEANIC QUEST: The International Decade of Ocean Exploration—NAS-NAE Steering Committee on IDOE, Warren S. Wooster and William E. Shoupp, Chmn.—Nat. Acad. of Sciences, 1969, 115 p., paper, \$3.75. Examination by group of scientists and engineers of criteria and objectives for the Decade exploration effort.

THE OSCILLOSCOPE—George Zwick—TAB Bks., 1969, 3rd rev. ed., 256 p., illus., \$7.95; paper, \$4.95. Expanded and updated, includes triggered sweeps, dual-trace scopes and other recent developments.

PHYSICO-CHEMICAL PRINCIPLES OF SEMI-CONDUCTOR DOPING—V. M. Glazov and V. S. Zemskov, transl. from Russian by Ch. Nisenbaum and B. Benny—IPST (Davey, Daniel), 1969, 380 p., diagrams, \$16. Deals with simple and multiple doping, the interaction of impurities in germanium and silicon, with doping techniques and the preparation of materials with predetermined properties.

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