

as a major alloying constituent. In accordance with these applications, about one-third of the book is devoted to a summary of the literature on the constitution and properties of the binary and ternary alloys of manganese.

The final chapter of the book contains a brief discussion of the limited workability of manganese. Included also are descriptions of the methods for electroplating and vapor-phase impregnation of materials with manganese and the oxidation characteristics of this element at high temperatures.

In view of the rapidly increasing list of publications in the metallurgical literature, one finds it very helpful to obtain such excellent compendia on specific subjects.

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New Books

Nuclear and Radiochemistry. Rev. version of *Introduction to Radiochemistry*. Gerhart Friedlander and Joseph W. Kennedy. Wiley, New York; Chapman & Hall, London, 1955. 468 pp. \$7.50.

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Vector and Tensor Analysis. Nathaniel Coburn. Macmillan, New York, 1955. 341 pp.

Magic and Schizophrenia. Géza Róheim. Warner Muensterberger, Ed. International Universities Press, New York, 1955. 230 pp. \$4.50.

Biochemical Preparations, vol. 4. W. W. Westerfeld, Ed. Wiley, New York; Chapman & Hall, London, 1955. 108 pp. \$3.75.

Energy and Society. The relation between energy, social change, and economic development. Fred Cottrell. McGraw-Hill, New York, 1955. 330 pp. \$6.

Tungsten. Its history, geology, ore-dressing, metallurgy, chemistry, analysis, applications, and economics. American Chemical Soc. Monogr. No. 94. K. C. Li and Chung Yu Wang. Reinhold, New York; Chapman & Hall, London, ed. 3, 1955. 506 pp. \$14.

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Magnetic Materials in the Electrical Industry. P. R. Bardell. Philosophical Library, New York, 1955. 288 pp. \$10.

Contributions to Plant Anatomy, vol. 15. Irving W. Bailey. Chronica Botanica, Waltham, Mass.; Stechert-Hafner, New York, 1954. 262 pp. \$7.50.

Directory of Scientific Research Organizations in the Union of South Africa. D. Ryle Masson, Ed. Van Schaik, Pretoria, 1955. 123 pp. 25s.

Embryologie. Ein Lehrbuch auf Allgemein Biologischer Grundlage. Dietrich Starck. Thieme, Stuttgart, Germany, 1955. 688 pp. \$18.55.

Introductory Nuclear Physics. David Halliday. Wiley, New York; Chapman & Hall, London, ed. 2, 1955. 493 pp. \$7.50.

Hydrodynamics. A study in logic, fact and similitude. Garrett Birkhoff. Dover, New York, 1955. 186 pp. Cloth, \$3.50; paper, \$1.75.

Physics and Microphysics. Louis De Broglie. Trans. by Martin Davidson; foreword by A. Einstein. Pantheon, New York, 1955. 286 pp. \$4.50.

Theory of Groups of Finite Order. W. Burnside. Dover, New York, ed. 2, 1955. 512 pp. Cloth, \$3.95; paper, \$2.

Seven Men among the Penguins. An Antarctic venture. Mario Marrett. Trans. from the French by Edward Fitzgerald. Harcourt, Brace, New York, 1955. 269 pp. \$4.50.

Miscellaneous Publications

(Inquiries concerning these publications should be addressed, not to Science, but to the publisher or agency sponsoring the publication.)

AEC-FCDA Relationship. Hearing before the subcommittee on security, Joint Committee on Atomic Energy, Congress of the United States, Eighty-fourth Congress, first session. The Committee, Washington, D.C., 1955. 57 pp.

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Man in Cold Environment. A study in physiology. Loren D. Carlson. Arctic Aeromedical Laboratory, Ladd Air Force Base, Fairbanks, 1954. 161 pp. (Available from U.S. Dept. of Commerce, Office of Technical Services, Washington, D.C.)

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