Reprints

The American Soldier. vol. 1, Adjustment During Army Life, Samuel A. Stouffer, Edward A. Suchman, Leland C. De-Vinney, Shirley A. Star, and Robin M. Williams, Jr. (611 pp.); vol. 2, Combat and Its Aftermath, Samuel A. Stouffer, Arthur A. Lumsdaine, Marion Harper Lumsdaine, Robin M. Williams, Jr., M. Brewster Smith, Irving L. Janis, Shirley A. Star, and Leonard S. Cottrell, Jr. (681 pp.). Wiley, New York, 1965. Illus. Paper, \$2.95 each. Reprints, 1949 edition; Studies in Social Psychology in World War II Series.

Biological Order. André Lwoff. M.I.T. Press, Cambridge, Mass., 1965. 115 pp. Illus. Paper, \$1.95. Reprint 1962 edition; reviewed in *Science* **139**, 582 (1963).

Brett's History of Psychology. Edited and abridged by R. S. Peters. M.I.T. Press, Cambridge, Mass., 1965. 778 pp. Paper. Reprint, second edition, 1962.

Chinese Communist Society: The Family and the Village. C. K. Yang. M.I.T. Press, Cambridge, Mass., 1965. 288 pp. Illus. Paper, \$3.95. Reprint, 1959 edition.

Collected Papers on Acoustics. Wallace Clement Sabine. With a new introduction by Frederick V. Hunt. Dover, New York, 1964. 299 pp. Illus. Paper, \$2. Reprint, 1922 edition.

Cybernetics: Or Control and Communication in the Animal and the Machine. Norbert Wiener. M.I.T. Press, Cambridge, Mass., 1965. 232 pp. Illus. Paper, \$1.95. Reprint, second edition, 1961.

Charles Darwin: A Scientific Biography. Sir Gavin de Beer. Published for the American Museum of Natural History by Doubleday, Garden City, N.Y., 1965. 317 pp. Illus. Paper, \$1.45. Published by Doubleday (1964) under the title Charles Darwin: Evolution by Natural Selection, and reviewed in Science 144, 724 (1964). For the Natural History Library edition, Ernst Mayr (Harvard University) prepared a three-page introduction.

Epilepsy and Other Chronic Convulsive Diseases: Their Causes, Symptoms and Treatment. W. R. Gowers. Dover, New York, 1964. 267 pp. Illus. Paper, \$1.85. Reprint, 1885 edition; American Academy of Neurology Reprint Series.

Experiments on Mass Communication. Carl I. Hovland, Arthur A. Lumsdaine, and Fred D. Sheffield. Wiley, New York, 1965. 355 pp. Illus. Paper, \$1.95. Reprint, 1949 edition; Studies in Social Psychology in World War II Series.

Foundations of the Theory of Algebraic Numbers. vols. 1 and 2. vol. 1, Introduction to the General Theory (632 pp.); vol. 2, The General Theory (682 pp.). Harris Hancock. Dover, New York, 1965. Illus. Paper, \$2.75 each. Reprints, 1931 and 1932 editions.

The Frontiers of Economic Knowledge. Essays by Arthur F. Burns. Wiley, New York, 1965. 379 pp. Illus. Paper, \$1.95. Reprint, 1954 edition.

Garden Cities of To-morrow. Ebenezer Howard. F. J. Osborn, Ed. M.I.T. Press, Cambridge, Mass., 1965. 168 pp. Illus. Paper, \$1.95. Reprint, 1946 edition.

The Historical Background of Chemistry. Henry M. Leicester. Wiley, New

York, 1965. 268 pp. Illus. Paper, \$1.65. Reprint, 1956 edition.

The History of Surgical Anesthesia. Thomas E. Keys. Dover, New York, 1963. 223 pp. Illus. Paper. \$2. Revised and enlarged version, 1945 edition; contains an introductory essay by Chauncey D. Leake, a chapter by Noel A. Gillespie, and an appendix by John F. Fulton.

The Hopi Child. Wayne Dennis. Wiley, New York, 1965. 212 pp. Illus. Paper, \$1.45. Reprint, 1940 edition.

Introduction to Higher Algebra. Maxine Bôcher. Dover, New York, 1964. 333 pp. Illus. Paper, \$2. Reprint, 1907 edition. Medical Psychology. Paul Schilder.

Medical Psychology. Paul Schilder. David Rapaport, Translator and Editor. Wiley, New York, 1965. 428 pp. Illus. Paper, \$2.45. Reprint, 1953 edition.

Memory: A Contribution to Experimental Psychology. Hermann Ebbinghaus. Translated from the German (Leipzig, 1885) by Henry A. Ruger and Clara E. Bussenius. With a new introduction by Ernest R. Hilgard. Dover, New York, 1964. 141 pp. Illus. Paper, \$1.50. Reprint, 1913 edition.

Mirrors, Prisms, and Lenses. A text-book of geometrical optics. James P. C. Southall. Dover, New York, 1964. 842 pp. Illus. Paper, \$3.50. Reprint, third edition, 1933.

Nine Soviet Portraits. Raymond A. Bauer and Edward Wasiolek. M.I.T. Press, Cambridge, Mass., 1965. 206 pp. Illus. Paper, \$2.45. Reprint, 1955 edition.

Operational Philosophy: Integrating Knowledge and Action. Anatol Rapoport. Wiley, New York, 1965. 270 pp. Paper, \$1.65. Reprint, 1953 edition.

Optical Rotatory Power. T. Martin Lowry. Dover, New York, 1964. 497 pp. Illus. Paper, \$2.75. Reprint, 1935 edition.

Philosophic Foundations of Quantum Mechanics. Hans Reichenbach. Univ. of California Press, Berkeley, 1965. 192 pp. Illus. Paper, \$1.50. Reprint, 1944 edition.

The Servants of Power. A history of the use of social science in American industry. Loren Baritz. Wiley, New York, 1965. 285 pp. Paper, \$1.65. Reprint, 1960 edition.

A Sophisticate's Primer of Relativity. P. W. Bridgman. Harper and Row, New York, 1965. 170 pp. Illus. Paper, \$1.35. Reprint, 1962 edition.

Satistical Adjustment of Data. W. Edwards Deming. Dover, New York, 1964. 271 pp. Illus. Paper, \$1.75. Reprint, 1943 edition.

Studies in the Life History of the Song Sparrow. vols. 1 and 2. vol. 1, A Population Study of the Song Sparrow (254 pp.); vol. 2, The Behavior of the Song Sparrow and Other Passerines (342 pp.). Margaret Morse Nice. Dover, New York, 1964. Illus. Paper, \$1.75 each. Volume 1 is a reprint of volume 4 (1937) and volume 2 is a reprint of volume 6 (1943) of the Transactions of the Linnaean Society of New York.

Superfluids. vol. 2, *Macroscopic Theory of Superfluid Helium*. Fritz, London; Dover, New York, 1964. 233 pp. Illus. Paper, \$1.75. Reprint, 1954 edition.

Theory and Application of Mathieu Functions. N. W. McLachlan. Dover, New York, 1964. 415 pp. Illus. Paper, \$2.35. Reprint, 1947 edition.

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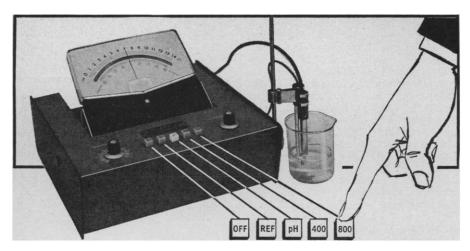
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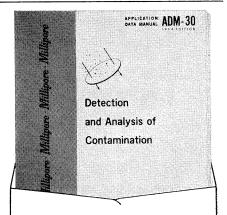
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Thought and Language. L. S. Vygotsky. Translated from the Russian edition (Moscow, 1934) and edited by Eugenia Hanfmann and Gertrude Vakar. M.I.T. Press, Cambridge, Mass., 1965. 190 pp. Paper, \$2.45. Reprint, 1962 English language edition; reviewed in Science 136, 37 (1962)

Training Research and Education. Robert Glaser, Ed. Wiley, New York, 1965. 608 pp. Illus. Paper, \$2.65. Reprint, 1962 edition. The contributors are Glenn L. Bryan, John B. Carroll, Launor F. Carter, Meredith P. Crawford, James Deese, Philip H. DuBois, Paul M. Fitts, Edwin A. Fleishman, Norman Frederiksen, Robert M. Gagné, Thomas F. Gilbert, Murray Glanzer, Robert Glaser, Arthur A. Lumsdaine, Robert B. Miller, Alfred F. Smode, Robert M. W. Travers, Theodore R. Vallance, and Clark L. Wilson.

A Treatise on Advanced Calculus. Philip Franklin. Dover, New York, 1965. 607 pp. Illus. Paper, \$2.75. Reprint, 1940 edition.

Vibrations and Waves. Norman Feather. Penguin Books, Baltimore, Md., 1965. 338 pp. Illus. Paper, \$1.45. Reprint, 1961 edition.

Worlds in Collision. Immanuel Velikovsky. Dell, New York, 1965. 432 pp. Paper, \$1.95. Reprint, 1950 edition.

New Books

Biological and Medical Sciences

Advances in Carbohydrate Chemistry. vol. 19. Melville L. Wolfrom and R. Stuart Tipson, Eds. Academic Press, New York, 1964. 428 pp. Illus. \$15. Nine papers: "Crystal-structure analysis in carbohydrate chemistry" by G. A. Jeffrey and R. D. Rosenstein; "Infrared spectroscopy and carbohydrate chemistry" by H. Spedding; "Nuclear magnetic resonance" by L. D. Hall; "Gas-liquid chromatography of carbohydrate derivatives" by C. T. Bishop; "The action of hydrogen peroxide on carbohydrates and related compounds" by G. J. Moody; "3-deoxyglycosuloses (3-deoxyglycosones) and the degradation of carbohydrates" by E. F. L. J. Anet; "Structure and some reactions of cellulose" by David M. Jones; "Wood hemicelluloses," pt. 1 by T. E. Himell; and "The pneumococcal polysaccharides" by M. J. How, J. S. Brimacombe, and M. Stacey.

Biology. John W. Kimball. Addison-Wesley, Reading, Mass., 1965. 720 pp. Illus. \$8.75.

Botulism. Proceedings of a symposium (Cincinnati, Ohio), January 1964. Keith H. Lewis and Kenneth Cassel, Jr., Eds. U.S. Department of Health, Education, and Welfare, Cincinnati, Ohio, 1964. 333 pp. Illus. Free. Fifteen papers contributed by T. L. Bott, V. B. Brooks, M. A. Cardella, M. S. Cooper, G. M. Dack, J. S. Deffner, C. E. Dolman, E. M. Foster, J. H. Green, W. K. Harrell, L. L. Kempe, M. G. Koenig, L. S. McClung, E. McCoy, C. S. Petty, D. E. Rogers, W. E. Perkins, G. G. Slocum, E. J. Schantz, C. F. Schmidt, A. Spickard, and J. F. Winn.

Contributions to Sensory Physiology. vol. 1. William D. Neff, Ed. Academic