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ADVANCED CALCULUS—H. K. Nickerson, D. C. Spencer and N. E. Steenrod—*Van Nostrand*, 540 p., paper, \$6.50. Pre-print.

ARCHAEOLOGICAL EXCAVATIONS AT JAMESTOWN, VIRGINIA—John L. Cotter—*Nat. Park Service (Govt. Print. Off.)*, 300 p., illus., paper, \$2.75. Results of 1954-56 investigations.

CANADIANS OF LONG AGO: The Story of the Canadian Indian—Kenneth E. Kidd—*Longmans*, 174 p., illus. by Sylvia Hahn, \$3.75. For young people.

THE CASE FOR BASIC EDUCATION: A Program of Aims for Public Schools—James D. Koerner, Ed.—*Little*, 256 p., \$4. Project sponsored by the Council for Basic Education.

THE CHALLENGE OF CHEMISTRY—O. A. Battista—*Winston*, 167 p., illus. by Gil Cohen, \$3.95. Future careers in chemistry.

THE CHILD, THE PARENT AND THE STATE—James Bryant Conant—*Harvard Univ. Press*, 211 p., \$3.50. Focuses on public secondary education in the United States, and the complex relation of government and national education needs.

DANA'S MANUAL OF MINERALOGY—Cornelius S. Hurlbut, Jr., Rev. Ed.—*Wiley*, 17th ed., 609 p., illus., \$11.50. For students and amateur mineralogists.

THE DAWNING SPACE AGE—H. E. Mehrens—*Civil Air Patrol*, 219 p., illus., paper, \$2. Elementary treatment of rocket propulsion, guidance systems and problems of space flight, for secondary school students.

EFFECTS OF NUCLEAR RADIATION ON MEN AND MATERIALS—T. C. Helvey—*Rider*, 56 p., illus., paper, \$1.80. Some basic principles and data.

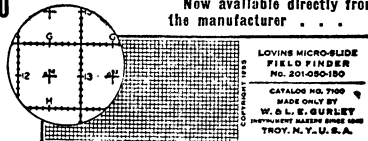
THE ENDURING PATTERN—Hal Borland—*Simon & Schuster*, 247 p., illus. by M. Glaser, \$5. Explores natural forces, geological and biological, in search of a pattern.

ENGINEERING—Edward H. Robie—*Bellman*, 36 p., paper, \$1. Vocational and Professional Monograph for career reference.

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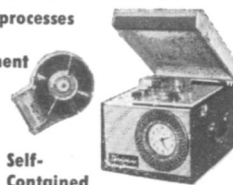
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FOUNDRY ENGINEERING—Howard F. Taylor, Merton C. Flemings and John Wulff—*Wiley*, 407 p., illus., \$9.75. Introductory text.

HAWAII: The Aloha State, Our Island Democracy in Text and Pictures—Ben Adams—*Hill & Wang*, 213 p., 150 photographs, \$3.95.

HOMOTOPY THEORY—Sze-Tsen Hu—*Academic*, 347 p., \$11. Volume 8 of Pure and Applied Mathematics.

THE HUMAN INTEGUMENT: Normal and Abnormal—Stephen Rothman, Ed.—*Am. Assn. for the Advancement of Science*, 260 p., illus., \$6.75. Symposium including all phases of cutaneous physiology.

AN INTRODUCTION TO ELECTRONIC DATA PROCESSING—Roger Nett and Stanley A. Hetzler—*Free Press*, 287 p., \$6.75. Description of giant computer systems, for the people who use them.

INTRODUCTION TO MATHEMATICAL THINKING: The Formation of Concepts in Modern Mathematics—Friedrich Waismann, foreword by Karl Menger—*Harper*, 260 p., paper, \$1.40. Reprint of 1951 edition.

INTRODUCTION TO QUANTUM MECHANICS—Chalmers W. Sherwin—*Holt*, 385 p., \$7.50. Designed to bring study of quantum mechanics within the grasp of undergraduates.

MANKIND IN THE MAKING: The Story of Human Evolution—William Howells— *Doubleday*, 382 p., illus. by Janis Cerulis, photographs, \$4.95. Authoritative and readable.

MAN'S REACH INTO SPACE—Roy A. Gallant—*Garden City Bks.*, 152 p., illus. by Lee J. Ames, \$3.50. Altitude and speed records, problems of space biology and space technology in large-format book for young people.

A MANUAL FOR HISTOLOGIC TECHNICIANS—Ann Preece—*Little*, 219 p., illus., \$6. For the trainee.

MEASUREMENT: Definitions and Theories—C. West Churchman and Philburn Ratoosh, Eds.—*Wiley*, 274 p., \$7.95. Derived from AAAS symposium, presents contrasting approaches to problems of measurement.

MEN, PLANETS AND STARS—Clyde B. Clason—*Putnam*, 160 p., illus. by Eva Cellini, \$2.95. The development of astronomy for young readers.

OUT OF THIS WORLD—Dan Q. Posin—*Pop. Mechanics*, 180 p., illus., \$3.95. Physicist, well-known for his TV program, explains the intricacies of space travel with his own amusing drawings.

PICTORIAL HISTORY OF PHILOSOPHY—Dagobert D. Runes—*Philosophical Lib.*, 406 p., illus., \$15. Portraits and short biographies of many of the world's thinkers.

(Continued on p. 350)

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Books of the Week

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THE QUESTION OF NATIONAL DEFENSE—Oskar Morgenstern—*Random House*, 306 p., \$3.95. A critique of our military preparations and policies.

SCANNON: Dog with Lewis and Clark—Adrien Stoutenburg and Laura Nelson Baker—*Scribner*, 157 p., illus. by S. Cook, \$2.95. Story for younger readers.

SCIENCE AND CIVILIZATION IN CHINA, Vol. 3: Mathematics and the Sciences of the Heavens and the Earth—Joseph Needham with Wang Ling—*Cambridge Univ. Press*, 877 p., illus., \$27.50. Systematic study of the development of the natural sciences in traditional China.

TIME—William M. Hutchinson—*Maxton Pubs.*, 30 p., illus., 69¢. Informative picture book for young readers.

TOOL ENGINEERS HANDBOOK: A Reference Book on All Phases of Planning, Control, Design, Tooling, and Operations in the Manufacturing Industries—Frank W. Wilson and Philip D. Harvey, Eds.—*McGraw*, 2nd ed., 2289 p., illus., \$19.50.

A TREATISE ON ALGEBRAIC PLANE CURVES—Julian Lowell Coolidge—*Dover*, 513 p., paper, \$2.45. Unabridged reprint of first edition.

TWO-WAY RADIO—Allan H. Lytel—*McGraw*, 291 p., illus., \$9.50. Theory and practice of mobile and fixed radio stations, and radio-telephone.

UNITED STATES EARTHQUAKES 1957—Rutlage J. Braze and William K. Cloud—*Coast & Geodetic Survey (Govt. Print. Off.)*, 108 p., paper, maps and tables, 60¢.

UNITED STATES PROGRAM FOR INTERNATIONAL GEOPHYSICAL COOPERATION, 1959—Stanley Ruttenberg, Ed.—*Nat. Acad. of Sciences*, 72 p., paper, \$1. IGY General Report Series No. 6.

VIRUS HUNTERS—Greer Williams—*Knopf*, 522 p., illus., \$5.95. The lives and triumphs of the great virologists, from Jenner and Pasteur to Salk and Enders.

THE VIRUSES, Biochemical, Biological, and Biophysical Properties, Vol. 1: General Virology—F. M. Burnet and W. M. Stanley, Eds.—*Academic*, 609 p., illus., \$16.50. Systematic attempt to cover significant experimental work.

THE WONDERFUL WORLD OF COMMUNICATION—Lancelot Hogben—*Garden City Bks.*, 70 p., illus., \$2.95. Large format, colorful survey from alphabet to electronic translation.

Science News Letter, November 21, 1959

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