

# LATEST BOOKS

## McGRAW-HILL

### *Hardy and Perrin—The Principles of Optics*

By **Arthur C. Hardy**, Associate Professor of Optics and Photography, Massachusetts Institute of Technology, and **Fred H. Perrin**, Instructor in Physics, Massachusetts Institute of Technology. *International Series in Physics*. 645 pages, 6 x 9, illustrated. \$6.00

This text seeks to provide a solid foundation for those who have chosen optics as a career, and at the same time to furnish an adequate knowledge of the subject for those who intend to specialize in other branches of physics or engineering.

### *Bacher and Goudsmit—Atomic Energy States As Derived from the Analyses of Optical Spectra*

Compiled by **Robert F. Bacher**, National Research Fellow, and **Samuel Goudsmit**, Professor of Physics, University of Michigan. *International Series in Physics*. 600 pages, 6 x 9. \$6.00

This is the most complete compilation of data yet published on energy states of the atom. All spectroscopists, students of spectra and physicists generally will find in these tables a wealth of material with which to test and build theories of atomic structures and radiation.

### *Radin—Social Anthropology*

By **Paul Radin**, Lecturer in Anthropology, University of California; Sometime Lecturer in Anthropology, Cambridge University. *McGraw-Hill Publications in Sociology*. 444 pages, 6 x 9. \$3.50

A strictly scientific text, avoiding theories, generalizations and bias. Those students in other fields who realize the bearing of anthropology on their subject will find the book especially illuminating. The text is the first written in this country giving equal prominence to non-American and American tribes.

### *Kells—Elementary Differential Equations*

By **Lyman M. Kells**, Assistant Professor of Mathematics at the U. S. Naval Academy. 193 pages, 5½ x 8. \$2.00

Simple, concise, this treatise presents the fundamental types of differential equations, together with many illustrative examples and graded problems of each type. Stress is laid on the numerous applications, in large measure designed to meet the needs of the engineering student.

### *Logsdon—Elementary Mathematical Analysis, Vol. I*

By **Mayme Irwin Logsdon**, Associate Professor of Mathematics, The University of Chicago. 258 pages, 6 x 9. \$2.25

Here, in a new and logical manner, trigonometry, college algebra and analytical geometry are woven into a harmonious whole. Vol. I covers the work of one semester. With Vol. II, which will appear in December, it is intended as a survey course in freshman mathematics.

### *Sinnott and Dunn—Principles of Genetics A Textbook, with Problems*

By **Edmund W. Sinnott**, Professor of Botany, Barnard College, Columbia University, and **L. C. Dunn**, Professor of Zoölogy, Columbia University. *McGraw-Hill Publications in the Agricultural and Botanical Sciences*. 457 pages, 6 x 9, illustrated. \$3.50

This well-known textbook has been thoroughly revised and brought up to date. Much new material has been added, notably (1) a discussion of the important contributions of genetics to evolutionary theory, and (2) an analysis of the relations between genetics and the problems of development.

*Send for copies on approval*

## McGRAW-HILL BOOK COMPANY, Inc.

McGraw-Hill Building

330 West 42nd Street

New York