
Four Important New Books

The Physical Basis of Things

By JOHN A. ELDRIDGE, University of Iowa. *International Series in Physics*. 407 pages, 6 x 9, illustrated. \$3.75

Portrays, for the general student, the physical world as seen by the modern physicist. The book explains, with emphasis on concrete illustration and with only the simplest mathematics, the meaning of the ideas which, evol-

ing from the older kinetic theory, have culminated in the new atomic theory of today. Numerous questions, problems, and examples have been included to stimulate the student's interest.

Introduction to Mechanics and Heat

By NATHANIEL H. FRANK, Massachusetts Institute of Technology. 340 pages, 6 x 9, illustrated. \$3.00

Presents a systematic elementary treatment of the fundamental principles of mechanics and heat, applying these principles to a broad range of material. The approach is characterized by a close-knit, logical struc-

ture, with emphasis on the quantitative aspects of all the topics treated, and on the unity of thought and method of applying fundamental principles to actual problems.

Principles of Mathematical Physics

By WILLIAM V. HOUSTON, California Institute of Technology. *International Series in Physics*. 268 pages, 6 x 9. \$3.50

This book fills the gap between the elementary courses in physics and the more advanced treatises on special subjects. It introduces the more powerful methods of treating physical problems by applying them to simple cases. Although the subject matter is confined to classi-

cal physics, considerable attention is given to those methods which have proved useful in the quantum theory. The extensive problems are an important feature of the text.

The Problem of Mental Disorder

A study undertaken by The Committee on Psychiatric Investigations, National Research Council, and supported by a grant from The Carnegie Corporation. Members of the Committee: MADISON BENTLEY, Chairman, Cornell University; and E. V. COWDRY, Washington University. 390 pages, 6 x 9. \$4.00

This candid appraisal of concepts, methods, and principles aims to (1) state the problem in its various phases; (2) present the views of representative psychiatrists; (3) interrogate the biological and psychological

sciences to discover methods and products of research which may be applied toward a better understanding of the problem; and (4) summarize and interpret the material collected.

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