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**Elements of Physics.** *George Shortley and Dudley Williams.* Prentice-Hall, Inc. Englewood Cliffs, N. J. Third edition, 1961. 928 pp.

The very well received second edition has been extensively rewritten with the addition of many new problems for the student at the end of each chapter. The problems are on the whole somewhat harder than those of the previous editions. Additions in subject matter have been made also and are integrated into the elements of physics. A separate section on modern physics is therefore not needed. Calculus is emphasized more than previously. The five major topics of the book are 1) mechanics, 2) heat and molecular physics, 3) wave motion and sound, 4) light and 5) electricity and magnetism. These topics are covered in forty-three chapters. Ten useful tables make up the appendix.

Teachers of college physics who instruct serious second-year students that have had high-school physics and are enrolled in calculus, will be pleased with this third edition as a complete text for a one-year course in beginning college physics.

MARION POOL