

BULLETIN
OF THE
AMERICAN
MATHEMATICAL SOCIETY

A HISTORICAL AND CRITICAL REVIEW
OF MATHEMATICAL SCIENCE

EDITED BY

F. N. COLE VIRGIL SNYDER J. W. YOUNG
ALEXANDER ZIWET D. E. SMITH
T. LEVI-CIVITA R. C. ARCHIBALD

VOLUME XXIII., NUMBER 3

DECEMBER, 1916

PUBLISHED BY THE SOCIETY
LANCASTER, PA., AND NEW YORK

1916

Entered at the Post Office at Lancaster, Pa., as second-class matter
PUBLISHED MONTHLY, EXCEPT AUGUST AND SEPTEMBER

Whole No. 253

\$5.00 a year

Latest Successful Textbooks

Rietz, Crathorne and Taylor's School Algebra

By H. L. RIETZ, Professor, and A. R. CRATHORNE, Associate in the University of Illinois, and E. H. TAYLOR, Professor in the Eastern Illinois State Normal School. (*American Mathematical Series.*) **First Course.** xiii+271 pp. 12mo. \$1.00. **Second Course.** x+235 pp. 12mo. 75 cents. **Complete** in one volume, unabridged, \$1.25.

J. N. VAN DER VRIES, *University of Kansas*.—It is well got up and in the same first class, up-to-date manner which was such a pronounced characteristic of the college algebra by two of these authors. I am sure that it will meet with the same well-deserved success as did its predecessor in the higher field.

WILFRED H. SHERK, *Lafayette High School, Buffalo, N. Y.*.—It is an excellent conservative presentation of the subject, it articulates well with arithmetic, its way of presenting the value of a function for a particular value of the variable by means of a dark line perpendicular to the X-axis is fine; it has good clear geometric representations of the fundamental operations, it has preserved the best of the old-fashioned problems and introduced some good new ones.

Young and Schwartz's Plane Geometry

By J. W. YOUNG, Professor of Mathematics in Dartmouth College, and A. J. SCHWARTZ, Grover Cleveland High School, St. Louis. (*American Mathematical Series.*) x+223 pp. 12mo. 85 cents.

W. H. ANDREWS, *Kansas State Agricultural College*.—It contains the best introduction to formal geometry that I have ever seen. The drawings are of the highest degree of excellence. For introducing pupils to a working knowledge of geometry it surely stands alone.

G. W. OLDFATHER, *Crane Technical High School, Chicago, Ill.*.—I consider it very much the best book from that standpoint [wealth of material] that has yet been published. Its introductory chapters and its presentations of the trigonometrical ratios are very valuable departures from the regulation text. I think it a very workable text.

Finney and Brown's Modern Business Arithmetic

By H. A. FINNEY, of the Walton School of Commerce, Chicago, and J. C. BROWN, Principal of the State Normal School, St. Cloud, Minn. **Brief Course.** 298 pp. 8vo. 85 cents. **Complete Course.** 488 pp. 8vo. \$1.10.

A. R. WILLIAMS, *Illinois State Normal University*, in SCHOOL AND HOME EDUCATION: There is a fair proportion of preliminary drills,—the authors are cognizant of the fact that the high school arithmetic class needs this,—and it is pleasing to note the simplicity of arrangement and the fine treatment of short methods. From the start, the keynote of the work is struck by the introduction of ruled forms. Together with a new ideal of topic selection, the insistence upon ruled forms is a dominant mark of the book's originality and adaptability to modern business.

HENRY HOLT AND COMPANY

34 W. 33d St.
NEW YORK

6 Park St.
BOSTON

623 S. Wabash Ave.
CHICAGO