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# Recent Noteworthy Textbooks

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## 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. 75c.

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.

The authors of this book believe that it is a pedagogical mistake to begin a course in geometry in the conventional way with formal demonstrations. The first chapter, therefore, gives an informal treatment of the elementary constructions, which is accomplished by a large number of applied problems in geometric drawing. Formal statements of proofs do not occur until Chapter III.

W. R. RANSOM, *Tufts College*: It seems to me a valuable contribution to our list of texts. To have transplanted some of the very excellent features of Mahler's little book is worth a good deal, and besides that I recognize the important original features of the book.

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.

## Bôcher's Plane Analytic Geometry

By MAXIME BÔCHER, Professor of Mathematics in Harvard University. viii+235 pp. 12mo. \$1.60.

Since the publication of this book last October, it has been introduced in a large number of colleges including the following:—Harvard University, New York University, Dartmouth College, Wesleyan (Ct.) University, Baker University, Parsons College, Hamline University, Stanford University, Indiana University, University of Iowa, University of Texas, University of South Dakota, Northwestern University, University of Cincinnati, Rice Institute, Colorado Agricultural College.

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