

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 2

NOVEMBER, 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. 252

\$5.00 a year

**Time-Savers in**



**Mathematical**

**Classes**

are always welcome. Short cuts to a knowledge of the essential formulas are strong assets. Professor Moritz of the University of Washington has provided two such practical aids for classes in advanced mathematics. Please write to us if you are unacquainted with

**Moritz's College Engineering Notebook**

With rectangular, polar, and logarithmic coordinate paper, and a listing of important mathematical formulas. In Biflex Binder, \$1.00.

For students in civil, mechanical, and electrical engineering.

**Moritz's College Mathematics Notebook**

With rectangular and polar coordinate paper; and essential tables and formulas. In Biflex Binder, 80 cents.

Invaluable for classes in college algebra, trigonometry, analytics, and the calculus.

**Ginn and Company**

**Boston  
Atlanta**

**New York  
Dallas**

**Chicago  
Columbus**

**London  
San Francisco**