

**BULLETIN**  
**OF THE**  
**AMERICAN**  
**MATHEMATICAL SOCIETY**

**A HISTORICAL AND CRITICAL REVIEW  
OF MATHEMATICAL SCIENCE**

**EDITED BY**

**F. N. COLE            E. W. BROWN            VIRGIL SNYDER**  
**ALEXANDER ZIWET            D. E. SMITH**  
**J. W. YOUNG            ARTHUR RANUM**  
**T. LEVI-CIVITA**

**VOLUME XVIII., NUMBER 10**

**JULY, 1912**

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

**1912**

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

**Whole No. 210**

**\$5.00 a year**