

# **THE NEW ERA PRINTING COMPANY**

**LANCASTER, PA.**

is prepared to execute in first-class and satisfactory manner all kinds of printing and electrotyping. Particular attention given to the work of Schools, Colleges, Universities, and Public Institutions.

## **Books, Periodicals**

### **Technical and Scientific Publications**

#### **Monographs, Theses, Catalogues**

#### **Announcements, Reports, etc.**

### **All Kinds of Commercial Work**

*Printers of the Bulletin and Transactions of the American Mathematical Society, etc., etc.)*

Publishers will find our product ranking with the best in workmanship and material, at satisfactory prices. Our imprint may be found on a number of high-class Technical and Scientific Books and Periodicals. Correspondence solicited. Estimates furnished.

**THE NEW ERA PRINTING COMPANY**

Whole No. 219

CONTENTS

|   | PAGE |
|---|------|
| The Spring Meeting of the Chicago Section. By Professor<br>H. E. SLAUGHT - - - - -                    | 441  |
| Concerning Two Recent Theorems on Implicit Functions.<br>By Dr. L. L. DINES - - - - -                 | 462  |
| Concerning the Property $\Delta$ of a Class of Functions. By Pro-<br>fessor A. D. PITCHER - - - - -   | 468  |
| The Asymptotic Form of the Function $\Psi(x)$ . By Mr. K.<br>P. WILLIAMS - - - - -                    | 472  |
| An Erroneous Application of Bayes' Theorem to the Set of<br>Real Numbers. By Dr. E. L. DODD - - - - - | 479  |
| Shorter Notices - - - - -   | 482  |
| Notes - - - - -   | 484  |
| New Publications - - - - -  | 489  |

Changes of address of members, exchanges, and subscribers should be communicated at once to the Secretary of the American Mathematical Society, 501 West 116th Street, New York.

Subscriptions to the BULLETIN, orders for back numbers, and inquiries in regard to non-delivery of current numbers should be addressed to The American Mathematical Society, 41 North Queen St., Lancaster, Pa., or 501 West 116th Street, New York.

The initiation fees and annual dues of members of the American Mathematical Society are payable to the Treasurer of the American Mathematical Society, Professor J. H. Tanner, Cornell Heights, Ithaca, N. Y.

Articles for insertion in the BULLETIN should be addressed to the  
BULLETIN OF THE AMERICAN MATHEMATICAL SOCIETY,  
501 West 116th Street, New York City.

The following dates have been fixed for the meetings of the Society :

|                             |                            |
|-----------------------------|----------------------------|
| A. M.                       | A. M.                      |
| Sat., Oct. 25, 1913, 11:00  | Sat., Feb. 28, 1914, 11:00 |
| Tu.-Wed., Dec. 30-31, 1913. | Sat., Apr. 25, " "         |

*The Twentieth Summer Meeting and Seventh Colloquium of the Society will be held at the University of Wisconsin, Madison, Wis., September 8-13, 1913.*