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 Worl

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. 242

CONTENTS

| | | | | | | | | | PAGE |
|------------------------|---------------------|---------|------------|------------|----------|-------|------|---------|------|
| On the Rela Groups. | tion betw By Pro | | | | | | | us - | 53 |
| | eory of I | | | | | | | | |
| Vandiv. | ER - | | - | - | - | - | - | - | 61 |
| Limits of the | e Degree o | of Tran | sitivi | ty of Su | ıbstitut | ion G | roup | s. | |
| By Prof | essor G. A | A. MIL | LER - | • | - | | | _ | 68 |
| The Permuta | | | | Numbe | rs Can | not b | e We | ell | |
| | By Pro | | | | | - | _ | _ | 71 |
| Relationsam | • | | | | | hbie | Curv | e. | |
| | essor J. E | | | - | | _ | _ | _ | 74 |
| Vallée Pous | | | | eo B | v Profe | egor | M | R. | |
| PORTER | | | хиагу - | sc. D | y 11010 | - | - | _ | 77 |
| Enumerative | Geometr | v By | 7 Dr | ESA | TIEN | _ | _ | _ | 85 |
| | | | | | | | | r 10 | 94 |
| Mathematics | | | • | | | ARCI | HIBA | | |
| A Correction | ı. By Pr | ofessor | R. C | . ARCHI | IBALD | - | - | - | 100 |
| Shorter Noti | ce - | | | | - | - | - | - | 100 |
| Notes - | | | | . - | _ | _ | - | _ | 101 |
| New Publica | tions | | _ | _ | - | _ | - | _ | 104 |
| | | | | | | | | | |

Changes of address of members, exchanges, and subscribers should be communicated at once to the Secretary of the American Mathematical Society, 501 Vest 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 University, 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, N. Y.

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

A. M. Sat., Oct. 30, 1915, 11:00 Sat., Feb. 26, 1916, 11:00 Tu.-Wed., Dec. 28-29, 1915. Sat., Apr. 29, " "

The ninth regular meeting of the Southwestern Section of the Society will be held at Washington University, St. Louis, on Saturday, November 27.