THE

MATHEMATICAL

GAZETTE

EDITED BY

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WITH THE CO-OPERATION OF

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The Mathematical Association.

THE ANNUAL MEETING of the MATHEMATICAL ASSOCIATION will be held at 3 p.m. on Tuesday, 12th January, 1909, at KING'S COLLEGE, STRAND, LONDON, W.C.

The following Addresses will be given :

- (1) "On the mathematical preparation for students who propose to take up technical work," by Dr. H. T. BOVEY, F.R.S., Rector of the Imperial
- College of Science and Technology.
 (2) "On the introduction of the idea of cross-ratio and homography, and its connection with involution," by Mr. ALFRED LODGE.
 (3) "A proposal for the Unknown Digit," by Professor G. H. BRYAN, F.R.S.
- (4) The Address of the retiring President.

After the Annual Meeting of the Association on Tuesday, January 12th, there will be a Dinner at the Trocadero Restaurant, Piccadilly Circus, at 7 p.m. Morning dress, No speeches. Smoking after dessert. Members, ladies as well as gentlemen, may obtain tickets (5s. each, exclusive of wine) from F. S. Macaulay, 19 Dewhurst Road, Brook Green, W. Members who can take part in the entertainment of the evening are requested to express their willingness to do so when applying for tickets. Payment should be made at the dinner. A piano will be provided.

All correspondence concerning the contents of the Gazette should be addressed to W. J. GREENSTREET, Marling Endowed School, Stroud, Glos.

Correspondence relative to the Mathematical Association or the distribution of the Gazette should be addressed to one of the Hon. Secretaries :-- C. PENDLEBURY, St. Paul's School, London. W.; H. D. ELLIS, 12 Gloucester Terrace, Hyde Park, W.; Miss E. GREENE, 7 Glonluce Road, Blackheath, S.E.

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THE MATHEMATICAL ASSOCIATION.

(An Association of Teachers and Students of Elementary Mathematics.)

"I hold every man a debtor to his profession, from the which as men of course do seek to receive countenance and profit, so ought they of duty to endeavour themselves by very of amends to be a help and an ornament thereunto, "-BACOS.

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THE MATHEMATICAL ASSOCIATION, formerly known as the Association for the Improvement of Geometrical Teaching, is intended not only to promote the special object for which it was originally founded, but to bring within its purview all branches of elementary mathematics.

Its fundamental aim as now constituted is to make itself a strong combination of all masters and mistresses, who are interested in promoting good methods of mathematical teaching. Such an Association should become a recognized authority in its own department, and should exert an important influence on methods of examination.

General Meetings of the Association are held in London once a term, and in other places if desired. At these Meetings papers on elementary mathematics are read, and any member is at liberty to propose any motion, or introduce any topic of discussion, subject to the approval of the Council.

"The Mathematical Gazette" is the organ of the Association. It contains-

(1) ARTICLES, on subjects within the scope of elementary mathematics.

(2) Norrs, generally with reference to shorter and more elegant methods than those in current text-books.

(3) REVIEWS, at present the most striking feature of the *Gazette*, and written by men of eminence in the subject of which they treat. They deal with the more important English and Foreign publications, and their aim, where possible, is to dwell rather on the general development of the subject, than upon the part played therein by the book under notice.

(4) PROBLEMS AND SOLUTIONS, generally selected to show the trend of investigation at the universities, so far as is shown in the most recent scholarship papers. Questions of special interest or novelty also find a place in this section.

(5) SHORT NOTICES, of books not specially dealt with in the REVIEWS.

Intending members are requested to communicate with one of the Secretaries. The subscription to the Association is 10s. per annum, and is due on Jan. 1st. It includes the subscription to "The Mathematical Gazette."

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