

# CAMBRIDGE UNIVERSITY PRESS

**Numerical Trigonometry.** By J. W. Mercer, M.A.,  
Headmaster of the Military and Civil Side, Cheltenham College. Crown  
8vo. 2s 6d.

**The Calculus for Beginners.** By J. W. Mercer, M.A.  
Crown 8vo. 6s. Exercises separately, 3s.

**An Algebra for Preparatory Schools.** By Trevor  
Dennis, M.A., Mathematical Master at Sherborne School. Large Crown  
8vo. 2s. Teachers' Edition with Interleaved Answers, 5s net.

**Elementary Algebra.** By C. Godfrey, M.V.O., M.A., Head-  
master of the Royal Naval College, Osborne, and A. W. Siddons, M.A.,  
Assistant Master at Harrow School. In 1 vol., with Answers, 4s 6d;  
without Answers, 4s. Or in 2 vols., with Answers, 2s 6d each; without  
Answers, 2s each. Vol. 1 also in 2 parts. Part I., with or without  
Answers, 1s. Part II., with Answers, 2s; without Answers, 1s 6d.

**Four-Figure Tables.** By C. Godfrey, M.V.O., M.A., and A. W.  
Siddons, M.A. Demy 8vo. Limp covers. 9d net.

**Dynamics.** By Horace Lamb, Sc.D., LL.D., F.R.S. Demy 8vo.  
10s 6d net. A sequel to a treatise on Statics by the same author published  
in 1912, and having a similar scope.

**Elementary Experimental Dynamics for  
Schools.** By C. E. Ashford, M.A., Headmaster of the Royal  
Naval College, Dartmouth. Crown 8vo. 4s.

**“Squaring the Circle.”** A History of the Problem. By  
E. W. Hobson, Sc.D., LL.D., F.R.S. Demy 8vo. 3s net.

**The Principles of Projective Geometry applied  
to the Straight Line and Conic.** By J. L. S. Hatton,  
M.A. Royal 8vo. 10s 6d net.

**The Twisted Cubic.** With Some Account of the Metrical  
Properties of the Cubical Hyperbola. By P. W. Wood, M.A. Demy  
8vo. 2s 6d net. Cambridge Tracts in Mathematics and Mathematical  
Physics, No. 14.

London **Cambridge University Press** Fetter Lane

# 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 way of amends to be a help and an ornament thereunto."—BACON.

President (for 1913 and 1914) :

Sir GEORGE GREENHILL, M.A., F.R.S.

Vice-Presidents :

Prof. G. H. BRYAN, Sc.D., F.R.S.

A. LODGE, M.A.

Prof. A.R. FORSYTH, Sc.D., LL.D., F.R.S.

G. B. MATHEWS, M.A., F.R.S.

Prof. E. W. HOBSON, Sc.D., F.R.S.

G. M. MINCHIN, M.A., F.R.S.

Prof. W. H. H. HUDSON, M.A., LL.M.

Prof. H. H. TURNER, D.Sc., F.R.S.

R. LEVETT, M.A.

Hon. Treasurer :

F. W. HILL, M.A., City of London School, London, E.C.

Hon. Secretaries :

C. PENDLEBURY, M.A., 39 Brandenburgh Road, Gunnersbury, London, W

H. D. ELLIS, M.A., 12 Gloucester Terrace, Hyde Park, London, W.

Miss M. PUNNETT, B.A., The London Day Training College, Southampton Row, W.C.

Hon. Secretary of the General Teaching Committee :

P ABBOTT, M.A., 5 West View, Highgate Hill, N.

Editor of *The Mathematical Gazette* :

W J. GREENSTREET, M.A., The Woodlands, Burghfield Common, near Mortimer, Berks.

Hon. Librarian :

C. E. WILLIAMS, M.A., 15 Ranelagh Avenue, Barnes, S.W

Other Members of the Council :

C. V. DURELL, M.A.

F. S. MACAULAY, M.A., D.Sc.

Miss E. GREENE.

T. P. NUNN, M.A., D.Sc.

Miss E. R. GWATKIN, M.A.

W. E. PATERSON, M.A.

P. J. HARDING, M.A.

C. O. TUCKEY, M.A.

C. S. JACKSON, M.A.

A. W. SIDMONS, M.A.

THE MATHEMATICAL ASSOCIATION, which was founded in 1871, as the *Association for the Improvement of Geometrical Teaching*, aims not only at the promotion of its original object, but at bringing within its purview all branches of elementary mathematics.

Its purpose is to form a strong combination of all persons who are interested in promoting good methods of teaching mathematics. The Association has already been largely successful in this direction. It has become a recognised authority in its own department, and has exerted an important influence on methods of examination.

The Annual Meeting of the Association is held in January. Other Meetings are held when desired. At these Meetings papers on elementary mathematics are read and discussed.

Branches of the Association have been formed in London, Southampton, Bangor, and Sydney (New South Wales). Further information concerning these branches can be obtained from the Honorary Secretaries of the Association.

"*The Mathematical Gazette*" (published by MESSRS. G. BELL & SONS, LTD.) is the organ of the Association. It is issued at least six times a year. The price per copy (to non-members) is 1s. 6d.; special numbers 2s. each. The *Gazette* contains—

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

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

(3) REVIEWS, 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 on the general development of the subject, as well as upon the part played therein by the book under notice;

(4) SHORT NOTICES of books not specially dealt with in the REVIEWS;

(5) QUERIES AND ANSWERS, on mathematical topics of a general character.

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*."