

BOOKS, ETC., RECEIVED.—*Continued.*

- Tafeln unbestimmter Integrale.* By G. PETIT BOIS. Pp. xii, 154. 8 m. 1907. (Teubner.)
- C. G. J. Jacobi als Politiker.* By W. AHRENS. Pp. 45. 1.20 m. 1907. (Teubner.)
- Responsions Papers in Stated Subjects (exclusive of Books).* 1901-1906. Pp. 152. 3s. 6d. 1907. (Clarendon Press.)
- [Arith.; Alg.; Geom.; Lat. Prose; Unprepared Trans.; Greek and Lat. Gram.; Solutions to Geom. Problems.]
- Vorlesungen über Zahlentheorie. Einführung in die Theorie der Algebraischen Zahlkörper.* By J. SOMMER. Pp. vi, 360. 11 m. 1907. (Teubner.)
- Analytische Geometrie der Kegelschnitte.* By G. SALMON; edited with many additions by W. FIEDLER. 7th Edition. Vol. I. Pp. xxxiv, 444. 10 m. 1907. (Teubner.)
- Das 200-Jährige Jubiläum der Dampfmaschine, 1706-1906.* By K. HERING. Pp. 56. 1 m. 60. 1907. (Teubner.)
- Die Kegelschnitte des Gregorius a St. Vincentio.* By KARL BOPP. Pp. 89-314. 10 m. 1907. (Teubner.)
- A Key to Algebraic Geometry.* By W. M. BAKER. Pp. 224. 7s. 6d. net. 1907. (Bell & Sons.)
- Woolwich and Sandhurst Mathematical Papers, 1897-1906.* Edited by E. J. BROOKSMITH. 6s. 1907. (Macmillan.)
- New Geometry Papers.* By R. DEAKIN. Pp. 103. 1s. 1907. (Macmillan.)
- The Axioms of Descriptive Geometry.* By A. N. WHITEHEAD. Pp. viii, 74. 2s. 6d. net. 1907. (Cam. Univ. Press.) [Cambridge Tracts.]
- Intermediate Hydrostatics.* By W. BRIGGS and G. H. BRYAN. Pp. viii, 264. 3s. 6d. 1907. (Tutorial Press.)
- Les Equations aux Dérivées Partielles à Caractéristiques Réelles.* By R. D'ADHÉMAR. (Scientia No. 29.) Pp. 86. 2 frs. 1907. (Gauthier-Villars.)
- American Journal of Mathematics.* Edited by FRANK MORLEY and others. Vol. XXIX. No. 2. April, 1907.
- Beiträge zur Nicht-Euklidischen Geometrie.* I, II, III. E. STUDY. *Certain Triply Orthogonal Systems of Surfaces.* L. P. EISENHART.
- Annals of Mathematics.* Edited by ORMOND STONE and others. Series II. Vol. VIII. No. 3. April, 1907.
- Note on the use of Group Theory in Elementary Trigonometry.* G. A. MILLER. *The Asymptotic Lines on the Anchor Ring.* MISS M. B. WHITE. *On Certain Theorems of Mean Value for Analytic Functions of a Complex Variable.* D. R. CURTISS. *Note on Regular Polygons.* MISS C. A. SCOTT. *The Revolutions of a Dark Particle about a Luminous Centre.* E. B. WILSON.
- Central Association of Science and Mathematics Teachers' Preliminary Report of the Committee on Geometry.* Dec., 1906. Pp. 6. (By courtesy of Prof. Greenwood, Roanoke College, Salem, Va.)

MEMBERS OF THE COMMITTEE ON THE TEACHING OF MATHEMATICS. 1907.

- Professor W. H. H. HUDSON, M.A., LL.M. (King's College).
 G. M. MINCHIN, M.A., F.R.S. (R.I.E.C. Cooper's Hill).
 W. M. BAKER, M.A. (Cheltenham College). S. BARNARD, M.A. (Rugby School).
 G. M. BELL, M.A. (Winchester College).
 G. ST. L. CARSON, M.A. (Battersea Polytechnic).
 W. J. DOBBS, M.A. J. M. DYER, M.A. (Eton College).
 T. J. GARSTANG, M.A. (Bedales School, Petersfield).
 H. T. GERRANS, M.A. (Secretary of the Oxford Local Examinations Delegacy).
 C. GODFREY, M.A. (R.N.C. Osborne).
 W. J. GREENSTREET, M.A. (Marling School, Stroud).
 C. HAWKINS, M.A. (Haileybury College).
 F. W. HILL, M.A. (City of London School).
 R. W. HOGG, M.A. (Christ's Hospital). H. T. HOLMES, B.A.
 C. S. JACKSON, M.A. (R.M.A. Woolwich).
 E. M. LANGLEY, M.A. (Bedford Modern School).
 A. LODGE, M.A. (Charterhouse School).
 C. C. LYNAM, M.A. (Oxford Preparatory School).
 F. S. MACAULAY, M.A., D.Sc. (St. Paul's School).
 G. B. MATHEWS, M.A., F.R.S. L. S. MILWARD, M.A. (Malvern College).
 G. W. PALMER, M.A. (Clifton College). C. PENDLEBURY, M.A. (St. Paul's School).
 H. C. PLAYNE, M.A. (Bancroft's School). W. N. ROSEVEARE, M.A.
 C. A. RUMSEY, M.A. (Dulwich College). S. A. SAUNDER, M.A. (Wellington College).
 H. A. SAUNDERS, M.A. (Haileybury College).
 A. W. SIDDONS, M.A. (Harrow School). C. O. TUCKEY, B.A. (Charterhouse School).
 F. J. W. WHIPPLE, M.A. (Merchant Taylors' School).
 E. T. WHITTAKER, M.A. (Trinity College, Cambridge).

Hon. Secretary of the Committee—A. W. SIDDONS, Harrow-on-the-Hill.

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 :

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

Vice-Presidents :

Sir ROBERT S. BALL, LL.D., F.R.S.	Prof. W. H. H. HUDSON, M.A.
Prof. A. R. FORSYTH, Sc.D., LL.D., F.R.S.	R. LEVETT, M.A.
G. HEPPEL, M.A.	A. LODGE, M.A.
	G. M. MINCHIN, F.R.S.

Treasurer :

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

Editor of the *Mathematical Gazette* :

W. J. GREENSTREET, M.A., Marling Endowed School, Stroud.

Secretaries :

C. PENDLEBURY, M.A., St. Paul's School, London, W.
H. D. ELLIS, M.A., 12 Gloucester Terrace, Hyde Park, London, W.

Other Members of the Council :

R. F. DAVIS, M.A.	F. S. MACAULAY, M.A., D.Sc.
F. W. DOBBS, M.A.	C. A. RUMSEY, M.A.
W. J. DOBBS, M.A.	A. W. SIDDON, M.A.
CECIL HAWKINS, M.A.	W. H. WAGSTAFF, M.A.
C. S. JACKSON, M.A.	F. J. W. WHIPPLE, M.A.
C. E. WILLIAMS, M.A.	

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) NOTES, 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*."