## THE

# MATHEMATICAL GAZETTE

EDITED BY W. J. GREENSTREET, M.A.

WITH THE CO-OPERATION OF F. S. MACAULAY, M.A., D.Sc. Prof. H. W. LLOYD-TANNER, M.A., D.Sc., F.R.S. Prof. E. T. WHITTAKER, M.A., F.R.S.

### LONDON

G. BELL & SONS, LTD., PORTUGAL STREET, KINGSWAY AND BOMBAY

Vol. VI., No. 96. JANUARY, 1912. 1s. 6d. Net.

The Mathematical Gazette is issued in January, March, May, July, October, and December.

All correspondence concerning the *contents* of the **Gazette** should be addressed to W. J. GREENSTREET, The Woodlands, Burghfield Common, nr. Mortimer, Berks.

Correspondence relative to the Mathematical Association or the distribution of the Gazette should be addressed to one of the Hon. Secretaries:—C. PENDLEBURY, 39 Brandenburgh Road, Gunnersbury, W.; H. D. ELLIS, 12 Gloucester Terrace, Hyde Park, W.; Miss M. PUNNETT, B.A., London Day Training College, Southampton Row, W.C. Change of address should be notified to a Secretary.

If Copies of the Gazette fail to reach a member in consequence of a change of address, of which the Secretaries have not been informed, duplicate copies cannot be supplied, except on payment of 1s. per copy.

#### CONTENTS.

		1 AGE
THE MATHEMATICAL ASSOCIATION. —THE FUTURE CONSTITUTION OF TEACHING COMMITTEES OF THE ASSOCIATION,	)F TE -	ів 199
THE EXHIBITION OF MODELS AT THE INTERNATIONAL CONGRESS	s. E	By
Р. Аввотт, М.А.,	-	- 201
GEOGRAPHICAL DISTRIBUTION OF MEMBERS. BY H. D. ELLIS, M.	A.,	- 202
LOCAL BRANCHES, · · · · · · · ·		- 202
THE PLACE OF MATHEMATICS IN GIRLS' EDUCATION. AN ADDRES	SS AN	D .
DISCUSSION. BY MISS S. A. BURSTALL,	-	- 203
THE AIM AND METHODS OF SCHOOL ALGEBRA. IIMETHODS OF '	TEAC	н-
ING. BY T. P. NUNN, D.Sc.,	-	- 214
THE NATURE OF ELEMENTARY MATHEMATICS FROM THE MODERN S	STAN	D-
POINT. BY C. ELLIOTT,	-	- 219
MATHEMATICAL NOTES. BY F. G. W. BROWN, B.Sc. ; R. F. DAVIS,	M.A.	.;
PROF. A. C. DIXON, F.R.S.; W. GALLATLY, M.A.; H. PIAGGIO,	М.А.	;
CHARLOTTE SMITH, B.A.,	-	- 221
REVIEWS. BY J. M. CHILD, M.A.; PHILIP E. B. JOURDAIN, M.A.	<b>1.</b> ,	- 225
THE LIBRARY, · · · · · · · · ·	-	· 230
BOOKS, ETC., RECEIVED,	-	Cover 3

#### NOTICES.

Non-members may obtain copies of the Draft Report of the Committee on Teaching of Algebra and Trigonometry from Messrs. Bell & Sons at 3d. each.

Reprint of the Reports of the Mathematical Association Committee on the "Teaching of Elementary Mathematics," viz. Geometry, Algebra, Arithmetic, Mechanics, and Advanced School Mathematics, together with the Regulations and Syllabus for Geometry in the Cambridge Previous Examination. Price 6d. net. Report on the "Teaching of Mathematics in Preparatory Schools." Price 3d. net. Report, of a Joint Committee of the Mathematical Association and the Association of Public School Science Masters, on "The Correlation of Mathematical and Science Teaching." Price 6d. net. Messrs. G. BELL & SONS, LTD., Portugal Street, Kingsway, London.