A UNIVERSITY PUBLICATION.

AMERICAN JOURNAL OF MATHEMATICS, PURE AND APPLIED. Editor-in-Chief, J. J. SYLVESTER, LL. D., F. R. S. Published under the auspices of the Johns Hopkins University. Vol. I, No. 1. Baltimore: JOHN MURPHY & Co. New-York: D. VAN NOSTRAND.

The Johns Hopkins University made more noise in its founding and inauguration than at any subsequent period. Aiming as it does to furnish a post-gradaute university course to the alumni of American colleges, its progress in number of students must necessarily be slow. Europe is still very attractive to the graduate who can afford the cost of the journey. Travel abroad widens the mind as nothing else can. But the new university is not standing still. With an institution of that kind the point is not, as it is with too many of our colleges, the number of students, but the quality of workers. Johns Hopkins University ought to become the highest court of appeal in theoretical science and philosophy. Looking to occupy a position of this kind, it is very appropriate that so important a step as the foundation of a journal of pure and applied mathematics should be taken by the Baltimore university. The first number of the journal appears in quarto form, printed in clear, open type, and with wide margins. It is a quarto of 104 pages. This is the only journal of the kind in the English language, says the editor, which is published in quarto. The advantages of the size to the mathematical reader and author are very great. Volumes of about 384 pages will be formed out of four num-