

teaching, programmes and requirements, philosophical and pedagogical questions, etc.

The contents of the first number indicate the way in which it is proposed to accomplish this object. After an introductory article by the editors, explaining the general scope of the new publication, we find articles on mathematics in Spain, by Professor Galdeano; on mathematical terminology, by M. Laisant; on scientific pedagogy, by Professor A. Binet, director of the psychological laboratory at the Sorbonne; on the teaching of "mathématiques spéciales" in France, by M. H. Laurent; on the teaching of elementary trigonometry, by Professor H. Fehr; on the teaching of the theory of vectors, by Professor Fontené. Besides these original papers there are sub-divisions devoted to notes and news, to correspondence, to bibliography and reviews. Among the latter, the review by Professor Greenhill of Professor Appell's "Éléments d'analyse mathématique (cours de l'École centrale)" may be particularly noted.

The editors call for coöperation on all persons interested in the teaching of mathematics throughout the civilized world and promise to attend, if necessary, to the translation into French of contributions written in other languages. It is to be hoped that this appeal will meet with a hearty response. Mathematical teaching is hardly anywhere organized as thoroughly and efficiently as in France; indeed, there is perhaps somewhat too much of organization and system. Just the opposite would seem to be true for most of the States of the Union; comparing notes on these questions may not be without advantage on both sides.

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NOTES.

ATTENTION is called to a recent change in the By-Laws of the AMERICAN MATHEMATICAL SOCIETY, permitting members to commute their annual dues by a single payment of \$50. Until May 1, 1899, the treasurer will accept such payment from intending life members who have already paid the dues for 1898. New members joining the Society and desiring to begin as life members, are required to make a single payment of \$55 to cover the initiation and life membership fees.