NOTES

A REGULAR meeting of the NEW YORK MATHEMATICAL SOCIETY was held Saturday afternoon, April 1, at half-past three o'clock, the president, Dr. McClintock, in the chair. The following persons, having been duly nominated and being recommended by the council, were elected to membership: Mr. George Lincoln Manning, Stevens Institute of Technology; Mr. Charles Moen Rice, Worcester, Mass.; Dr. Edward Burr Van Vleck, Middletown, Conn. Professor T. H. Safford read a paper entitled " Instruction in mathematics, as affected by modern algebraic and geometrical developments and by the progress of the physical sciences." Mr. Maclay read a note on the " Geometry of the maxima and minima of a certain class of functions."

WE have received through the courtesy of Professor George Bruce Halsted a circular recently issued by the Physico-Mathematical Society of the University of Kasàn, calling attention to the approaching centennial anniversary of the birth of Lobachevsky. It is proposed either to establish a prize bearing the name of Lobachevsky to be awarded for investigations in mathematics, especially in branches appertaining to his work, or to place his bust in the buildings of the University; or, if sufficient funds are obtained, to do both. Lobachevsky was born on October 22, 1793. He studied at the University of Kasàn, and became a professor there in 1812, being the first of its own students to attain that honor. He was made rector in 1827, and he held that position as well as his professorship until 1846. The work of Lobachevsky marks an important epoch in the history of mathematics. He was the first to perceive that Euclid's postulate is equivalent to the assumption of certain properties of space which can be verified only by experiment or observation, and to show the possibility of a geometry without making use of it. Subscriptions to the Lobachevsky memorial fund should be addressed to the Physico-Mathematical Society, Kasàn, Russia.

AMONG the recent announcements of Longmans, Green, and Co. we notice a "Treatise on Electricity and Magnetism," by G. W. De Tunzelmann, 2 vols. A. and C. Black announce a " History of Astronomy during the Nineteenth Century," by Agnes M. Clerke, third edition, revised and enlarged; and "Algebra, an Elementary Text-book for the Higher Classes of Secondary Schools and Colleges," by Prof. George Chrystal, part I., third edition. The Clarendon Press will soon have ready: " Mathematical Papers of the late Prof. Henry