NOTES.

THE *American Mathematical Monthly* will hereafter be edited by Professors B. F. FINKEL and H. E. SLAUGHT, with the cooperation of Professor L. E. DICKSON. Since August, 1906, the *Monthly* has been published under the auspices of the University of Chicago.

AT the meeting of the London mathematical society held on December 13, the following papers were read : By C. S. JACKSON, " On the form of a surface of a searchlight reflector "; by L. F. RICHARDSON, " The potential equation and others with function given on the boundary " ; by J. MERCER, "On the limits of real variants "; by E. W. BARNES, " The asymptotic expansion of integral·functions defined by generalized hypergeometric series " ; by P. A. MCMAHON, " The diophantine equation $x^n - Ny^n = z$.

AT the meeting of delegates of associations of teachers of mathematics and the natural sciences held at Columbia University on December 27, it was decided to organize an American federation of such associations. A committee, with Professor T. S. FISKE as chairman and Professor C. R. MANN as secretary, was appointed to take charge of the preliminary steps.

A FIFTH installment of the second part of volume 10 of the *Jahresbericht der Deutschen Mathematiker-Vereinigung*, containing pages 1073–1392 of Burkhardt's Bericht über die Theorie der oscillierenden Funktionen has just appeared from the press of Teubner, in Leipzig. This does not complete the volume, as promised, however, but treats of English advances in mathematical physics up to the time of Kelvin, and the subsequent development of the theory of heat. It is proposed in the next installment to treat of each recent branch separately.

THE firm of B. G. Teubner in Leipzig announces that the following volumes of the *Mathematische Annalen*, the first edition of which was exhausted and long out of print, have been reprinted and can now be obtained for 28 marks each : volumes 3, 4, 5, 6, 7, 32, 33, 50, 51, 52, 53.