criticism against the proof of theorem 19 in the first paper is invalid; the proof as it stands is accurate and complete. Professor Veblen believes also that it is legitimate to use the symbol $\{ABC\}$ in the two ways employed, the language in the one case (as in theorem 7) being essentially an abbreviation of that in the other case (as in assumption II).

<div style="text-align: right">R. D. CARMICHAEL.</div>

NOTES.

AT the November meeting of the Edinburgh Mathematical Society the following papers were presented: By G. N. WATSON: "The convergence of the series in Mathieu's functions"; by D. M. Y. SOMMERVILLE: "Taylor's cubics associated with a triangle in non-euclidean geometry"; by E. L. INCE: "The elliptic cylinder functions of the second kind."

THE annual meeting of the London mathematical society was held November 17, and the following officers elected for the year: president, Sir J. LARMOR; secretaries, J. H. GRACE, T. J. I'A BROMWICH; treasurer, A. E. WESTERN. Professor A. E. H. LOVE delivered an address on "Research in mathematics." Arrangements were made to hold regular monthly meetings during the year. The society now numbers more than three hundred members.

THE summer meeting of the Deutsche Mathematiker-Vereinigung, which was to have been held in September in affiliation with the Hanover meeting of the German naturalists and physicians, was omitted. No provision has been announced for the next meeting.

CONTRARY to the announcements made in the newspapers, nearly all the European universities and technical schools are open as usual. American students provided with passports are welcome.

THE sixty-sixth meeting of the American association for the advancement of science was held in Philadelphia during the week beginning December 28, under the presidency of Dr. C. W. ELIOT.