

and ought to be in the hands of all ; hence we gladly record the fact that Professors Beman and Smith have given us a version that can be read with pleasure. Here and there the translators have perhaps overstepped the legitimate bounds of freedom in the matter of rearrangement ; for example, the alteration made in the order of the proof in Part I., Ch. IV., § 6, seems unnecessary. On the other hand, in Part II., Ch. IV., § 1 (p. 68), they might with advantage have availed themselves of the license that they have rightly taken elsewhere, instead of attempting to translate the statement of the nature of the transcendence of e literally ; the apparent anacoluthon in the sentence as it stands makes it almost unintelligible without reference to the original. This however seems to be about the only awkward turn in the version, to which as a whole can be given the high praise that no one would suspect it of being a translation from the German. The pages are of a convenient size, and attractive in appearance ; the printing is singularly free from errors, and the few obvious ones in the original have been corrected. The little volume in its present dress deserves to be widely circulated among mathematical students at a comparatively early stage of their work.

CHARLOTTE ANGAS SCOTT.

NOTES.

WE have to record the death of ERNST SCHERING, professor of mathematics and director of the magnetic observatory at the University of Göttingen. He died at Göttingen, on November 2, at the age of sixty-four years.

THE mathematical seminar at Göttingen is concerned for this semester with dynamics, much attention being given to the differential equations. The seminar, which is under the guidance of Professors KLEIN and HILBERT, is in connection with Professor KLEIN's course on mechanics, mention of which was omitted in our list of Göttingen lectures in the BULLETIN for November (see p. 81).

AT the Collège de France, in Paris, two mathematical courses were announced for the term which began December 6th. Professor C. JORDAN offered a course in theory of differential equations ; and Professor J. HADAMARD, formerly of the Faculty of Sciences of Bordeaux, but recently appointed deputy professor of mechanics at the Collège de France, offered a course on the curves which satisfy the differential equations of dynamics.