

reader with a pretty complete literature of this highly interesting subject.

The reviewer would have liked to see a chapter on interpolation and related subjects form part of the book, since an intelligent use of the Ephemerides is not to be thought of without a mastery of this topic. The astrophysicist will be somewhat disappointed by not seeing the transformation of velocities included in the third chapter of the book. The student interested in the photometric measurements of the satellites of Jupiter after Pickering and Sampson might well claim that the theory of the photometric eclipses is surely as important as the passages of Mercury and Venus over the disc of the sun, to which the author has devoted 8 pages. Finally in the subject of differential refraction a recognition of the peculiar formulas for measurement of photographic plates might not have been entirely out of place.

KURT LAVES.

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#### NOTES.

At the meeting of the Edinburgh mathematical society on May 10 the following papers were read: By W. P. Milne, "Investigations on circular cubics and bicircular quartics"; by G. Teixeira, "Notice sur les recherches de Maclaurin concernant les cubiques circulaires"; by H. T. Pioggio, "Note on linear differential equations with constant coefficients."

THE annual meeting of the Deutsche Mathematiker-Vereinigung will be held in affiliation with the eighty-fourth convention of German naturalists and physicians at Münster in Westphalia September 15-21 under the presidency of Professor W. v. DYCK. While papers in other subjects will be welcome, particular emphasis will be put upon reports and new contributions to the theory of differential geometry. Information regarding the meeting can be obtained from the secretary, Professor A. Krazer, Karlsruhe, Westendstrasse 57.

THE Macmillan Company announce the publication during the summer of a work on the calculus by Professors E. W. DAVIS and W. C. BRENKE, of the University of Nebraska.

THE second volume of Professor J. PIERPONT'S Theory of functions of a real variable is in press and will be published by Ginn and Company in July.