

Korn, 1873 and 1876).† In the twelfth edition (published by Korn in 1880 it was increased to 856. On the supposition that Korn kept his advertisements up to date, von Staudt's book must have appeared after Wenz's *Atlascommentar* of 1877* and before the twelfth edition of Wöckel's *Geometrie der Alten* in 1880. Its probable date is thus a little before 1880."

Judging by typography, the new editions of (G.) and (B.) were published about the same time.

An entry in the "Katalog des mathematischen Lesezimmers der Universität Göttingen"† suggests that there may have been yet a third German edition of (G.) in 1846, since it has "Nürnberg [1846]" after the title. More probably however it is the edition described above as without date, incorrectly catalogued.

MATHEMATICAL PERIODICALS.

Union List of Mathematical Periodicals. By D. E. SMITH and C. E. SEELY. (Bureau of Education, Bulletin 1917, No. 9.) Washington, D. C., 1918. 60 pages. Price 10 cents.

THIS union list is a guide to the location of certain periodicals. The compilers have stated: it was "prepared for the use of research students in mathematics in the universities of the United States. It is not intended to be a complete list of all publications of this kind; indeed, such a catalogue, while very desirable from the bibliographical and historical standpoint, would not ordinarily serve the purposes of the graduate student in mathematics as well as a brief list of this nature. The selection has been made after consultation with a number of professors in those universities that have most to do with directing research work in mathematics in this country, and it represents the periodicals which, in the judgment of these advisers, the students will be most apt to consult in his investigations."

Of about 165 serial publications so selected, somewhat less than one half are wholly mathematical. In connection with

* The number "850" occurs in the title from the fourth (1856) to the eleventh editions inclusive.

† Bearbeitet von K. Hiemenz. Mit einem Vorwort von F. Klein. Leipzig, 1907, p. 92.