

radij 100000,00. Leiden, 1626, 181 p. Of this work there is a copy in the Columbia University Library. Where may other copies of these works be inspected? Exactly what is given in the tables? Are they in any way indebted to those of Pitiscus in 1600 and 1608 (or 1612)?

R. C. A.

QUERIES—REPLIES

39. SOME CLOTHOID OR EULER SPIRAL TABLES (Q 26, v. 3, p. 146).— Since this query was published Brown University has acquired a copy of *Klothoiden-Abstecktafeln* by WALTHER SCHÜRBA of Brünn, Czechoslovakia, published in Berlin, by Volk und Reich Verlag, 1942, 143 p. 16.5×23 cm. L. J. C. has informed us that there is also a copy of this volume in his library. In the preface Schürba states that he was led to prepare his work by becoming acquainted with Prof. Dr. LEOPOLD ÖRLEY, *Übergangsbogen bei Strassenkrümmungen*, Berlin, 1937, where “the first useful practical laying out of the clothoid was recommended.” Since LEHMER published his article in 1904, 33 years before Örley, Schürba’s “first” is highly erroneous. The use of the clothoid with some tables is indicated in JOSEPH BARNETT, *Transition Curves for Highways*, Washington, 1938. More elaborate discussion occurs in T. F. HICKERSON, *Highway Surveying and Planning*, New York, 1936, p. 156–183, etc. So also in Arthur N. TALBOT, *The Railway Transition Spiral*, sixth ed., New York, 1927, except that he used the chord definition and his tables were developed on this basis.

R. C. A.

CORRIGENDA

- V. 1, p. 198, l. 12–13, and v. 3, p. 268, l. 12, *delete*: $K(86^{\circ}48')$, *for* 4.2744, *read* 4.2746; also all references in this connection to errors in JAHNKE & EMDE, *Tables of Functions*, 1909, 1933, 1938, 1943. P. 273, l. – 8, *for* $(k-1)b = s$, *read* $(k-1)b = \pi s$.
- V. 2, p. 230, l. 23, *for* Dr. K. G. Macleish, *read* Mr. R. D. O’Neal; p. 398, col. 2, l. 17, *delete* 230.; p. 400, col. 1, l. 34, *add* 230.,
- V. 3, p. 358, l. 11, *for* ($\frac{p}{q}$), *read* ($\frac{q}{p}$); p. 376, l. – 8, *for* machines, can, *read* machines can; l. – 7, *for* machines and, *read* machines, and; p. 383, *for* Nichola Begonich, *read* Nicholas Begonich; p. 392, l. 5 and 15, *for* Bartholomeuv, *read* Bartholmeuv; l. 10, *for* Fawcit, *read* Fawcet; l. 11, *for* Favvcit, *read* Favvcet; p. 396, l. 11, *for* Lincoln Cathedral, *read* Lincoln Cathedral; l. 26, *for* cse, *read* csc; l. – 17, *for* fables, *read* tables.