MATHEMATICAL TABLES—ERRATA

In this issue references have been made to Errata in RMT 806 (Fix), 808 (Howell), 832 (BRL). See also p. 194, 197, 198.


On p. 669, $n = 101$, col. 4, argument 23

for 26593 read 26592.

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175.—L. J. Comrie, Chambers's Six-Figure Mathematical Tables. [MTAC, v. 3, p. 86–87.]

In v. 1, table VII, p. 499, line 1,

for Sh and Th read —Sh and —Th, respectively.

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A complete recalculation of the list of primitive abundant numbers p. 420–422 shows the following errata.

Delete: $3^2 \cdot 5 \cdot 11^2 \cdot 19^2$, $3^2 \cdot 5 \cdot 11^3 \cdot 19$, $3^5 \cdot 5^6 \cdot 19^3 \cdot 73^3$, $3^5 \cdot 7^4 \cdot 29$

Insert: $3^4 \cdot 5^4 \cdot 19^3 \cdot 61$, $3^4 \cdot 5^8 \cdot 19^3 \cdot 83$, $3^5 \cdot 5^2 \cdot 19^3 \cdot 53^2$, $3^6 \cdot 5^4 \cdot 19 \cdot 71^2$, $3^6 \cdot 5^8 \cdot 19 \cdot 73^2$, $3^6 \cdot 5^7 \cdot 17 \cdot 127$, $3^7 \cdot 5^2 \cdot 19^3 \cdot 53$, $3^7 \cdot 5^4 \cdot 19 \cdot 73^2$, $3^7 \cdot 5^7 \cdot 17^2 \cdot 233$.

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Glaisher stated that he had compared this table of decimal periods with Goodwyn's Table of Circles and found the latter to be more accurate. Apparently, Glaisher never published a list of discrepancies in the two tables.

The following 22 errata have been found in Gauss' tables as the result of a complete recalculation of his data.

Two typographical errata exist in the designation of the periods. The period associated with 47 should be designated (0), not (1). The second period shown in connection with 243 should be marked (2), not (3).
At my request Professor R. C. Archibald has compared the preceding data with the corresponding results in Goodwyn’s table. He reports that these errata in Gauss’ table do not coincide with any of the known errata in Goodwyn’s work.

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2 H. GOODWYN, A Table of the Circles, etc., London, 1823 [MTAC, v. 1, p. 22–23].


In Table IV, p. 229, \[ N = 2273, \rho = 97 \]

\textit{for} 386 \hspace{1cm} \textit{read} 381

For other errata in this table see MTAC, v. 3, p. 372, MTE 147.

D. H. L.

UNPUBLISHED MATHEMATICAL TABLES

105[C].—A. OPLER, Table of \[ \log \left[ \frac{(1 - x)}{(y - x)} \right] \]. Tabulated from punch cards and deposited in UMT File.

This is a 5D table for \[ x = .02(.01).99, y = 0(.005).05(.01).2 \ (y > x) \]. It is a slightly more elaborate table than the one reported in RMT 796.