

TABLE ERRATA

615.—G. W. FUNG and H. C. WILLIAMS, *On the computation of a table of complex cubic fields with discriminant $D > -10^6$* , *Math. Comp.* **55** (1990), 313–325.

A minor programming error was made in the program for finding all the distinct complex cubic fields with discriminant $D > -10^6$. As a result, several (669) fields were not generated. Although the entries in several tables are incorrect as a result of this error, the theoretical aspects of the paper are not affected. The number of distinct complex cubic fields with discriminant $D > -10^6$ should be 182417 instead of 181748. Tables 5.1–5.7 should be corrected as follows: In Table 5.1, the column headed “Number of Fields” should contain the following numbers, in this order: 69471, 46762, 42431, 41879, 41096, 39414, 38992, 39049, 38196, 38641. The next column, likewise, should read: 17140, 17946, 18004, 18329, 18493, 18317, 18441, 18617, 18471, 18659, with the total being 182417. In Table 5.2, the column headed “Number of Discriminants” should contain the following numbers, in this order: 149204, 1683, 5510, 3216, 0, 56, 0, 0, 13, 0. In Table 5.3, the column headed “Density” should read as follows: 0.170566, 0.174815, 0.176788, 0.178240, 0.179371, 0.180194, 0.180810, 0.181376, 0.181832, 0.182417. In Table 5.4, the column headed “Number of Fields” should read as follows: 172789, 6380, 1897, 691, 324, 148, 91, 36, 29, 14, 8, 1, 3, 1, 3, 1, 1. In Table 5.5, the second column headed “Number of Fields” should contain the following numbers: 97451, 26335, 22586, 7746, 4477, 5950, 2134, 2100, 2931, 1079, with the total being 172789. The fourth column, with the same heading, should read: 844, 1652, 601, 515, 843, 477, 312, 642, 273, 221, with the total being 6380. There are some minor errors in Table 5.6, and a corrected table can be requested from one of the authors. In Table 5.7, the third column headed “Number of Occurrences” should read as follows: 3055, 12, 868, 3, 16, 4, 5, with the total being 3963.

We have also noticed a typographical error in Table 5.8. For $D = -914683$, the class group structure should be $C_6 \times C_{12}$ instead of $C_6 \times C_6$.

H. C. W.