TABLE ERRATA

521.—K. Y. CHOONG, D. E. DAYKIN & C. R. RATHBONE, "Regular continued fractions for π and γ," UMT **23**, *Math. Comp.*, v. 25, 1971, p. 403.

K. Y. CHOONG, D. E. DAYKIN & C. R. RATHBONE, "Rational approximations to π," *ibid.*, pp. 387–392.

The regular continued fraction for π discussed in both of these items is not correct to 21230 partial quotients, as claimed, but only to 19945 partial quotients. The next five terms given here as

$$\frac{1}{8}+\frac{1}{1}+\frac{1}{15}+\frac{1}{5}+\frac{1}{2}+\cdots$$

are false and should read

$$\frac{1}{9}+\frac{1}{180}+\frac{1}{3}+\frac{1}{1}+\frac{1}{5}+\cdots.$$

Therefore, Table 1 of the paper is only approximately true and a_i for $i = 20276$ and $i = 20358$ in Table 2 are false. The statistical table in the UMT is likewise only approximately true and the fraction beyond 19945 terms is false.

These errors were discovered by comparison with a rather poorly documented computer printout of the continued fraction to more than 10^5 terms (exact number unknown) computed by R. W. Gosper, Jr. et al. at M.I.T. in early 1973. This continued fraction was computed directly from Ramanujan's rapidly convergent series for $1/\pi$ (see [1]) and, in turn, it was used to compute π *correctly* to 117930 digits. Therefore, the continued fraction must be correct to far beyond the result of Choong et al. Unfortunately, the only copy of Gosper et al. is not a very good one, the exact number of terms it contains is not even known, and no statistics were compiled concerning it. Clearly, this computation should sometime be repeated.

D. S.

1. D. SHANKS & J. W. WRENCH, JR., "Calculations of π to 100,000 decimals," *Math. Comp.*, v. 16, 1962, pp. 76–99 (esp. p. 78).

522.—DAVID R. HILL, "On comparing Adams and natural spline multistep formulas," *Math. Comp.*, v. 29, 1975, pp. 741–745.

In Table 1 the column entitled Adams Corrector should read

−.08333333
−.04166667
−.02638889
−.01875
−.01426918

DAVID R. HILL

Temple University
College of Liberal Arts
Philadelphia, Pennsylvania 19122