

## CORRIGENDA

MTE 503, *Math. Comp.*, v. 27, 1973, pp. 451–452.

In the editorial footnote there are two typographical errors in the portion relating to the case where  $a^2 \leq 1$ ; namely, the first term should read  $\pi \ln[(1 + (1 - a^2)^{1/2})/2]$  and the second term should read  $-2(\sin^{-1} a)\ln[(1 + (1 - a^2)^{1/2})/a]$ .

It seems appropriate to mention here that the expression given by the authors of this notice can be replaced by

$$\pi \ln \frac{1+a}{4} + 4G - 4 \sum_{k=1}^{\infty} \frac{b^k}{k} \left[ \frac{\pi}{4} - \sum_{n=1}^k \frac{(-1)^{n+1}}{2n-1} \right],$$

which is preferable for small values of  $a$  and yields the correct value of zero when  $a = 0$ , ( $b = 1$ ).

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J. M. BLAIR, C. A. EDWARDS & J. H. JOHNSON, "Rational Chebyshev approximations to the Bickley functions  $Ki_n(x)$ ," *Math. Comp.*, v. 32, 1978, pp. 876–886.

The following typographical corrections are required in the microfiche supplement to this paper: in the heading of Table 28 the expression  $q_0 + \xi(q_1 + x(q_2 + \xi(q_3 + q_4)))$  should read  $q_0 + \xi(q_1 + x(q_2 + \xi(q_3 + q_4x)))$ , and in the headings of Tables 68 and 69 the expression  $\sum_{j=3}^4 p_j \xi_j^{j-3}$  should read  $\sum_{j=3}^4 p_j \xi_j^{j-2}$ .

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G. AVDELAS & A. HADJIDIMOS, "Optimum accelerated overrelaxation method in a special case," *Math. Comp.*, v. 36, 1981, pp. 183–187.

On p. 186, in the Table of Optimum Values, Case (iib), the last term in the numerator of the expression for the acceleration factor  $r$  should read  $+(1 - \bar{\mu}^2)^{1/2}$  in place of  $-(1 - \bar{\mu}^2)^{1/2}$ .

In the third line from the bottom of the same page, for  $(-5/4, 5/3)$ , read  $(35/12, 5/3)$ .

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