QUERIES

22. INTEGRAL EVALUATIONS.—What methods are available for evaluating the integrals

$$\int_0^t \cos(a_0 + a_1x + a_2x^2 + \cdots)dx, \quad \text{and}$$

$$\int_t^\infty \cos(a_1x + a_0 + a_{-1}x^{-1} + a_{-2}x^{-2} + \cdots)dx/x^n,$$

except for point by point numerical integration?

MURLAN S. CORRINGTON

Radio Corporation of America
Camden, N. J.

QUERIES—REPLIES

29. TABLES OF $N^{3/2}$ (Q5, v. 1, p. 131; QR8, p. 204, 11, p. 336, 13, p. 375, 14, p. 407).—In L. POTIN, *Formules et Tables Numériques*, Paris, 1925, there is a table (p. 416–417) of $N^{3/2}$, $N = \cos\theta$, for $\theta = [0(30')90°; 4D]$.

R. C. A.

CORRIGENDA

As the result of recomputation Dr. J. W. WRENCH, Jr. requests that the last three decimal places of each of four values given *MTAC*, v. 1, p. 298, l. 11–12, be corrected to read as follows: ber 15,– 535; bei 15,– 887; ber′ 15,– 317; bei′ 15,– 368.

V. I, p. 33, 472, *for* 1778, *read* 1777. P. 468, for Everett, *read* Everett, J. D.

V. 2, p. 65, *for* Block, *read* Bloch; *for* Brendle, *read* Brendel.

P. 250, RMT 362, col. "Diff. for 1"," the second, fourth, and fifth entries should respectively read: 63 to 2.9, 0.3 to 1.6, 1.6 to 15.8. These corrections are due to slips made in the editorial office; the ms. of L. J. C. was faultless. P. 271, l. – 3, end of line, *for* $(\frac{1}{2})$, 1; *read* $(\frac{1}{2})1$;. P. 277, l. 6, *for* 54, *read* 55; l. 7, *for* 55, *read* 54.

Mr. D. F. FERGUSON has now (May 23, 1947) carried on his calculation of the value of π to 750D, and discovered errors in Dr. Wrench's computations. The value of π on p. 245 has to be amended 723–743D, and the value of $\tan^{-1}\frac{1}{7}$ on p. 247, 725–743D. No announcement will be made in *MTAC* of the exact corrections here necessary until Mr. Ferguson has completely checked the remaining 58 decimal places of our published value of π.