122. CORRECTION TO THE ARTICLE, "MATRIX INVERSION BY A MONTE CARLO PROCESS."—In the proof of Theorem 1 of the above article [*MTAC*, v. 4, p. 127–129] it was tacitly assumed that the sum given for $E(G_{ij})$ was absolutely convergent, since otherwise the first absolute moment of G_{ij} and therefore $E(G_{ij})$ fail to exist. We must therefore replace assumption (L) of the article by a stronger hypothesis, namely

$$\max_r |\lambda_r(A^*)| < 1,$$

where A^* is the matrix with non-negative elements $|A_{ij}|$.

GEORGE E. FORSYTHE
RICHARD A. LEIBLER

NBSINA, Univ. of Calif., Los Angeles
2901, 18th St., Washington, D. C.

123. ON THE NUMBER $2^{151} + 1$.—I have made a study of the number

$$N = (2^{151} + 1)/3$$

with a view of establishing its prime or composite character. A search for a prime factor less than $6 \cdot 10^6$ was unsuccessful. On the other hand if N were a prime we should have

$$3^{3N-1} \equiv 9 \pmod{N}.$$

Actually, I find

$$3^{3N-1} \equiv 54302\ 73773\ 60852\ 63755\ 11740\ 55612\ 78194\ 90019\ 88969 \pmod{N}.$$

Hence N is composite.

A. FERRIER

Collège de Cusset
Allier, France

QUERIES

36. EXPONENTIAL INTEGRALS FOR COMPLEX ARGUMENT.—Are there tables of the integrals

$$\int_x^\infty t^{-1}e^{-at}\cos t dt, \qquad \int_x^\infty t^{-1}e^{-at}\sin t dt,$$

or of related functions from which these integrals may be evaluated? The parameters a and x are positive.

G. C. TIBBETTS

Tibbetts Laboratories
Camden, Maine

CORRIGENDA

V. 4, p. 156, l. 22, p. 251, *for* ARENBURG *read* ARENBERG.
V. 4, p. 179, l. 2, *for* $C = 2$ *read* $C = -2$.
V. 4, p. 180, l. −14, *for* 54 *read* 554.
V. 4, p. 238, l. −11, p. 256, *for* P. A. MORTON *read* P. L. MORTON