

### ERRATA, VOLUME 13

R. D. Carmichael, *On Euler's  $\phi$ -function*, pp. 241–243.

The author has been informed by Professor E. A. Hedburg that the second theorem may be stated as follows:

*The number of solutions of  $\phi(x) = 2^n$  is  $n+2$  when  $n \leq 31$ , and exactly 32 when  $31 < n < 1024$ .*

This corrects the result as originally stated by having 32 in place of 33 (as formerly given) and extends the result by having 1024 as the upper bound for  $n$  instead of 256 as in the initial paper. In making the extension, Professor Hedburg uses the now known facts that the numbers  $2^{28}+1$  and  $2^{29}+1$  are composite.

### ERRATA, VOLUME 53

S. M. Shah, *On real continuous solutions of algebraic difference equations*.

p. 550, line 17. For " $\{f(x_0)\}^{B^p}$ " read " $\{f(x_0)\}^{B^2}$ ."

p. 558, last line. For "(30)" read "(29)."

*Index of Volume 53.*

p. 1198, Hall, M. For "(1111)" read "(1110)."

p. 1199, Stoll, R. R. For "(1113)" read "(1112)."

### ERRATA, VOLUME 54

S. P. Avann, *Ternary distributive semi-lattices*. Abstract 54-1-86.

p. 79, line 5 of the abstract. For " $(\mathfrak{C})\mathfrak{J}$  of  $\mathfrak{C}$ " read " $\mathfrak{J}(\mathfrak{C})$  of  $\mathfrak{C}$ ."

Bjarni Jónsson and Alfred Tarski, *Representation problems for relation algebras*. Abstract 54-1-89.

p. 80, line 3 of abstract. For " $a|\overline{a|b}$ " read " $a\sim|\overline{a|b}$ ."

p. 80, line 6 of abstract. For " $a \in U$ " read " $(a, a) \in U$ ."

p. 80, line 11 of abstract. For "a" read "a", twice.

Albert Newhouse, *On finite extending groups*.

p. 563, line 6. For " $x^{3 \cdot 2^m}$ " read " $x^{3 \cdot 2^m}$ ."

P. M. Morse, *Mathematical problems in operations research*.

p. 603, last line. For "mean" read "men."

J. S. Frame, *Group decomposition by double coset matrices*.

p. 748, display (4.15). For " $(Q'_i)$ " read " $(Q'_i)'$ ."

*Notes.* p. 870, line 11. For "Rundberg" read "Rudberg."