[10] L. Nachbin, *The Haar Integral*, Princeton 1965.

[11] I. M. Vinogradov, *Representation of an Odd Number as a Sum of Three Primes*, Comptes Rendus (Doklady) de l'Académie des Sciences de l'URSS, 15 (1937), pp. 191-294.

[12] E. Weiss, *Algebraic Number Theory*, New York 1963.

THE UNIVERSITY OF TENNESSEE

Reçu par la Rédaction le 7. 12. 1965

ACTA ARITHMETICA
XI (1966)

Correction to the paper "Binomial coefficients in an algebraic number field"

by

L. CARLITZ (Durham, N. C.)

Mr. William Leahey has kindly drawn the writer's attention to an error in the statement of Theorem 1 of the paper [1]. The theorem should read as follows:

THEOREM 1. *The binomial coefficients* $\binom{a}{m}$ *are integral* $(\bmod \mathfrak{p})$ *for all* $a \in K\mathfrak{p}$ *and all* $m \geqslant 1$ *if and only if* $\mathfrak{p}$ *is a prime ideal of the first degree and moreover* $\mathfrak{p}^2$ *does not divide* p.

The former proof applies with very minor changes. If the field K is normal the original statement of the theorem is correct.

Reference

[1] L. Carlitz, *Binomial coefficients in an algebraic field*, Acta Arith. 7 (1962), pp. 381-388.

Reçu par la Rédaction le 3. 8. 1965