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

by

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Mr. William Leahy 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 (mod \( p \)) for all \( a \in K^* \) and all \( m \neq 1 \) if and only if \( p \) is a prime ideal of the first degree and moreover \( p^2 \) 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


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