ESTIMATES OF CERTAIN SUMS OF MULTIPLICATIVE ARITHMETIC FUNCTIONS

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Abstract

In this paper, we obtain asymptotic formulas for the sum $\sum_{n \leq x} f(n)$, where $f(n)$ are certain multiplicative functions, such that $f(p)$ remains constant for all primes p and its generating function can be expressed, basically, in terms of the Riemann zeta function.

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