COMMON FACTORS OF K-FIBONACCI-LIKE, K-FIBONACCI AND

K-LUCAS NUMBERS

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ABSTRACT

The Fibonacci sequence is famous for possessing wonderful and amazing properties. In this paper, we present generalized identities involving common factors of k-Fibonacci-Like, k- Fibonacci and k-Lucas numbers and related identities. Binet's formula will employ to obtain the identities.

KEYWORDS: K-Fibonacci-Like Numbers, K-Fibonacci Numbers And K-Lucas Numbers, Binet's Formula