R. S. Melham

On a Classical Fibonacci Identity of Aurifeuille, Fibonacci Quart. **54** (2016), no. 1, 19–22.

Abstract

In this paper, we present identities that are analogous to a classical Fibonacci identity of Aurifeuille. Aurifeuille's identity gives certain factors of L_{5n} , n odd. The analogues of Aurifeuille's identity that we present involve pairs of sequences that generalize the Fibonacci and Lucas sequences.