Sai Gopal Rayaguru and Gopal Krishna Panda
Repdigits as Products of Balancing and Lucas-Balancing Numbers With
Indices in Arithmetic Progression,
Fibonacci Quart. 57 (2019), no. 3, 231–237.

Abstract

A repdigit is a natural number formed by the repetition of a single digit in a positional number system. This paper addresses the presence of repdigits in the products of balancing and Lucas-balancing numbers having indices in arithmetic progressions.