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Digit Proportions in Zeckendorf Representations, Fibonacci Quart. 48 (2010), no. 2, 168-174.


#### Abstract

In this paper we study various structural properties of an infinite matrix $M$ of 0 's and 1's, the rows of which correspond to the Zeckendorf representations of the non-negative integers. In particular, we calculate the proportion of 1's appearing amongst the digits in each of the columns of $M$ and go on to obtain some associated asymptotic results.


