Neville Robbins
On Tribonacci Numbers and 3-Regular Compositions,
Fibonacci Quart. **52** (2014), no. 1, 16–19.

Abstract

Let the sequence $\{U_n\}$ be defined by

$$U_0 = 0, U_1 = 1, U_2 = 2, U_n = U_{n-1} + U_{n-2} + U_{n-3} \text{ for } n \geq 3.$$

We show that U_n, which we call a *Tribonacci* number, counts the number of 3-regular compositions of n, that is, the number of compositions of n into parts not divisible by 3.