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A tribonacci-like sequence of composite numbers, Fibonacci Quart. 49 (2011), no. 4, 298-302.

## Abstract

We find three positive integers $x_{0}, x_{1}, x_{2}$ satisfying $\operatorname{gcd}\left(x_{0}, x_{1}, x_{2}\right)=1$ such that the tribonacci-like sequence $\left(x_{n}\right)_{n=0}^{\infty}$ given by $x_{n+1}=x_{n}+$ $x_{n-1}+x_{n-2}$ for $n \geq 2$ consists of composite numbers only. The initial values are $x_{0}=99202581681909167232, x_{1}=67600144946390082339$, $x_{2}=139344212815127987596$. This is a natural extension of a similar result of Graham for the Fibonacci-like sequence.

