

Florian Luca and Anitha Srinivasan  
*Markov Equation With Fibonacci Components*,  
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**Abstract**

We find all triples of Fibonacci numbers  $(x, y, z) = (F_i, F_j, F_n)$  satisfying the Markov equation  $x^2 + y^2 + z^2 = 3xyz$ .