

Christopher P. French  
*Fifth roots of Fibonacci fractions,*  
Fibonacci Quart. **44** (2006), no. 3, 209–215.

**Abstract**

We prove that when  $n$  is odd, the continued fraction expansion of  $\sqrt[5]{\frac{F_{n+5}}{F_n}}$  begins with a string of 1's, followed by  $F_{2n+5} + 2$ , and that when  $n$  is even, the expansion begins with a string of 1's, then a 2, then  $F_{2n+5} - 4$ .