$$\frac{\log^{23}}{2} = ?$$

$$\chi = 2^{\frac{1}{3}} + 3^{\frac{1}{3}} 2^{\frac{1}{3}}$$

$$f(0) = f(1) = 1, f(n) = f(n+1) + f(n-2) + 1, n \ge 2$$

 $f(15) = ?$