

Michael A. Nyblom,
On the Construction of a Family of Almost Power Free Sequences,
Fibonacci Quart. **46/47** (2008/2009), no. 4, 366–368.

Abstract

We introduce the concept of an integer sequence to be almost power free and show that the primorial plus one sequence $2 \cdot 3 \cdot 5 \cdots p_n + 1$ and its generalizations are almost power free. In addition a stronger result is also proven, namely that the primorial plus one sequence is free from perfect powers.