Mirosława Radziejewska and Tomasz Schoen Additive Properties of the Fibonacci Sequence, Fibonacci Quart. **49** (2011), no. 1, 22–27

Abstract

In this note, we shall study some additive properties of the Fibonacci sequence F. In particular, we prove a lower and an upper bound for the quantity $\sup_{A\subseteq\mathbb{N}}\{\overline{\mathrm{d}}(A):(A-A)\cap F=\emptyset\}.$