

Jens P. Bode, Heiko Harborth and Clark Kimberling
Complementary Fibonacci sequences,
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Abstract

For given a_1, a_2 we determine the sequence (a_i) where (c_i) is the complement of (a_i) and (a_i) originates from (c_i) by the Fibonacci-like recurrence $a_i = c_{i-1} + c_{i-2}$. The sequences (a_i) turn out to be close to arithmetic progressions with difference 3.