

Michael R. Bacon, Charles K. Cook, and Russell Jay Hendel
Extending Freitag's Fibonacci-Like Magic Square to Other Dimensions,
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Abstract

The Fibonacci-like 4×4 magic square of Herta Freitag is analyzed from the standpoint of orthogonal diagonal latin squares and generalized to similar squares of higher dimension. Construction of such arrays are investigated and several examples are presented. The special case of 3×3 is constructed by other means leaving as the only unknown constructions of Fibonacci-like magic squares the 6×6 case.