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(bsteinhurst@mcdaniel.edu). *Hausdorff dimension of generalized Fibonacci word fractals.*

The Fibonacci word fractals are a class of fractals that have been studied recently, though the word they are generated from is more widely studied in combinatorics. The Fibonacci word can be used to draw a curve which possesses self-similarities determined by the recursive structure of the word. The Hausdorff dimension of the scaling limit of the finite Fibonacci word curves is computed and these computations are generalized to a larger family of fractals. (Received September 23, 2015)