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*A New Sequence Derived From a Combination of Cubes with Volume  $F_n^3$ ,*

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**Abstract**

An arrangement of cubes with volume  $F_n^3$ , similar to the arrangement made with squares developing the Fibonacci spiral is observed. When lining up the front faces of each cube, there are spaces missing from a complete rectangular polyhedron. The volume of each successive missing space gives birth to a new sequence, yielding interesting relationships to the Fibonacci Sequence.