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I call my art 'Galician sculptures'. It's a very particular and special kind of three dimensional l-systems, created with my own programs. Currently it is formed by a set of several hundred figures, most of them "wire sculptures" with axial symmetry like tables, exotic dishes or jars with sometimes a geometric profile of Islamic flavor, at other times purely abstract and beautiful objects. Finding rules governing objects and beauty is one of my goals. Finding distinguished and / or spectacular copies, one of my hobbies.

This time Logo 3D production with variable angles was engendered and also a Fibonacci's bell (a simple 3d piecewise curve) following the Fibonacci rules of the flowers.
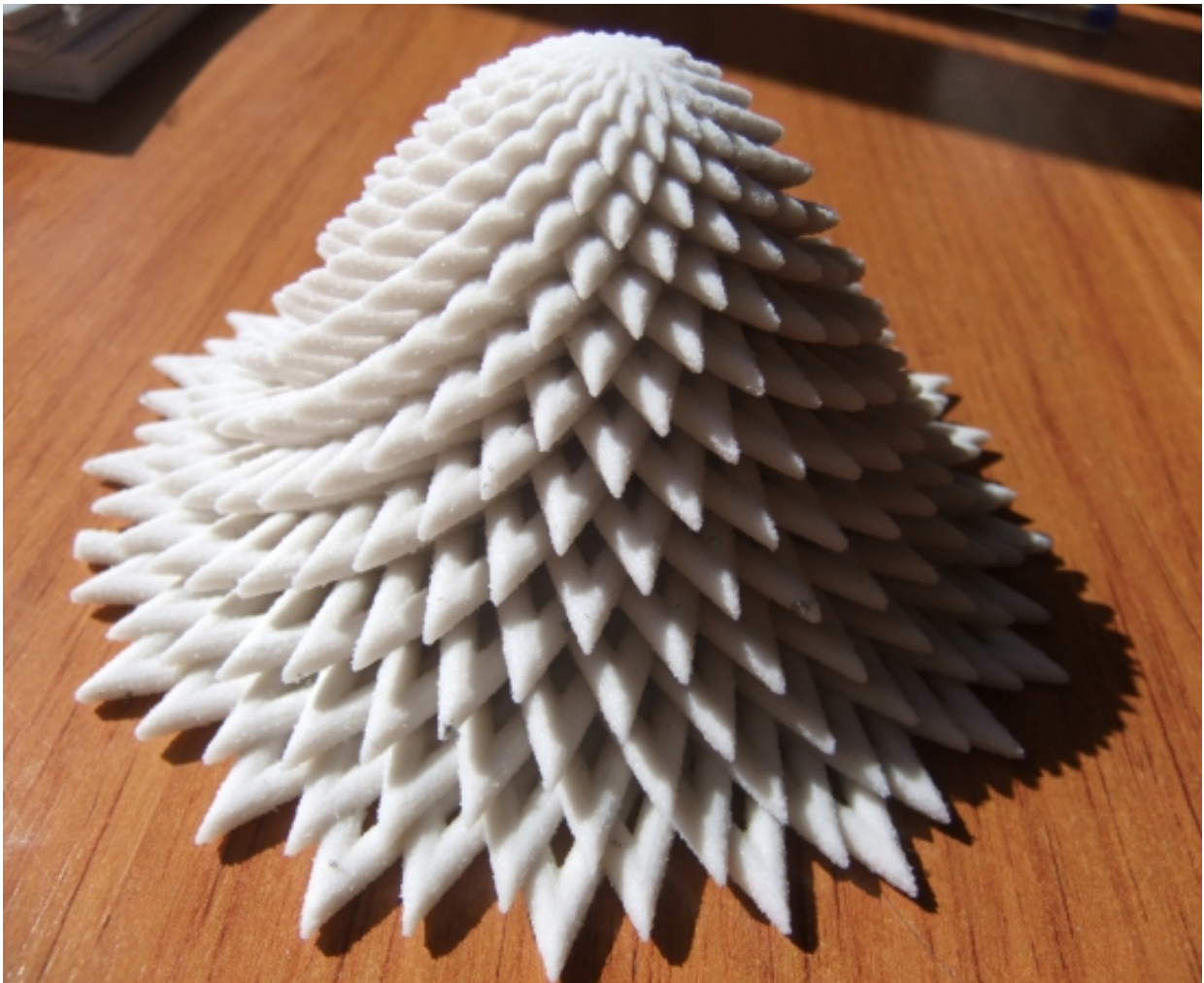
Fibonacci's bell
10 x 10 x 5cm
3d printed on high-density composite
2011

Fibonacci's bell · A figure made with the same formula than pine cones. Pine Cones show the Fibonacci Spirals clearly, like in this artwork. Can you see the two sets of spirals? How many are there in each set? Also the pineapples and pine cones show the same Fibonacci spirit and angle than this artwork. That is a bell because the radius in the plane xy of each point is a cosinus function of the high. Little modifications of this angle give greats changes in the resulting figures like one sense spirals, countinuos spirals, etc.
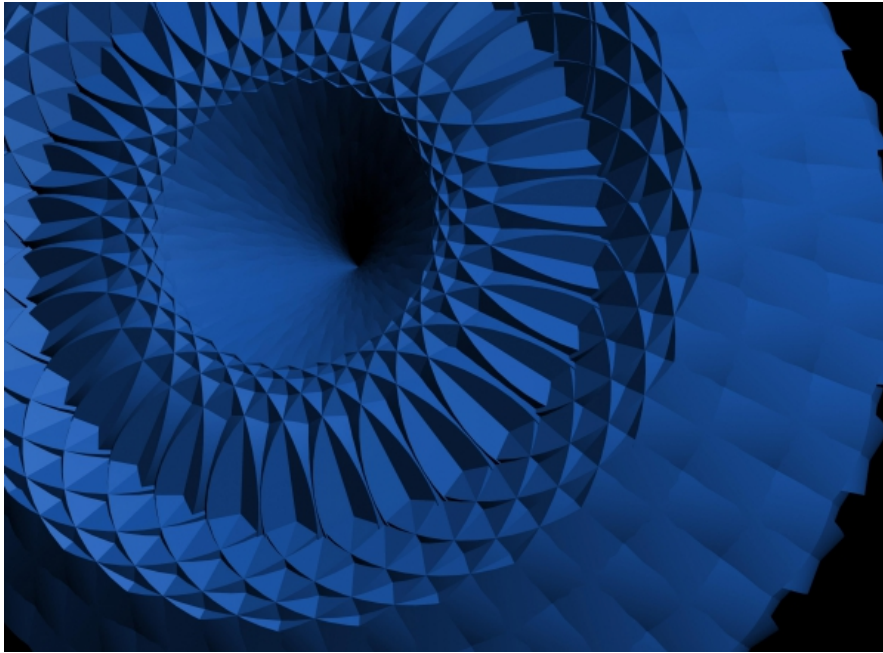
Wheel
10 x 10 x 5cm
3d printed on high-density composite
2011

Wheel · A work of axial symmetry made with a l-system. In the reproduction of the work in a 3d program the internals symmetries give place to a external splendid result with two faces.

Dome
10x10x5cm
3d printed on high-density composite
2011

Dome · The program used to do this work is very simple (Repeat 1 repeat 12 Repeat 12 fw & end repeat fw + end repeat fw / end repeat) It's a Logo 3D little program of my own that makes a Dome. The 3D angles are 0-30-0 but, and this is the novelty, they are going to change in every repetition. It is the advantage of making your own programs and languages that you can do unexpected things. And this work is one of multiple unexpected things that can happen.