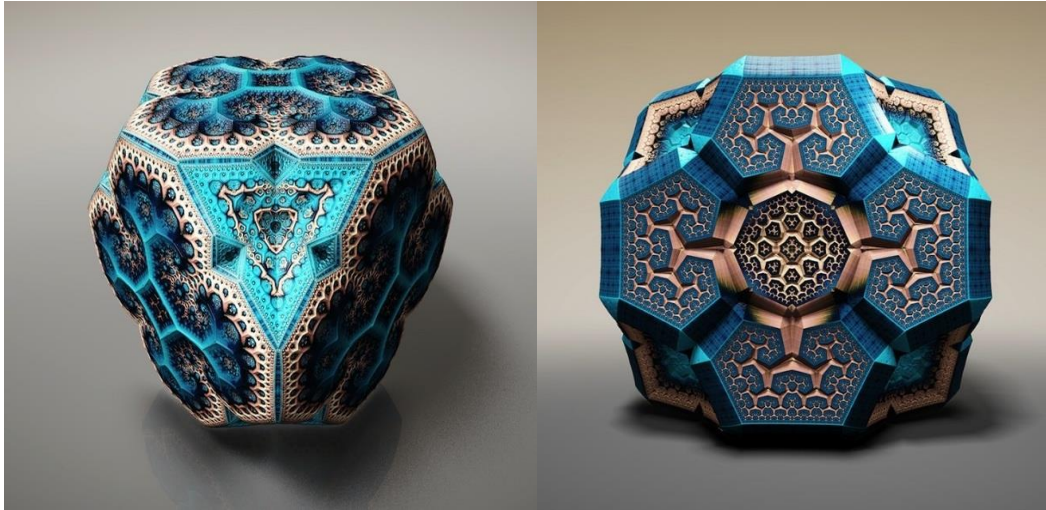


Fabergé Fractals Are Intangible Geometric Wonders

By Andrew Nunes — Jun 30 2014

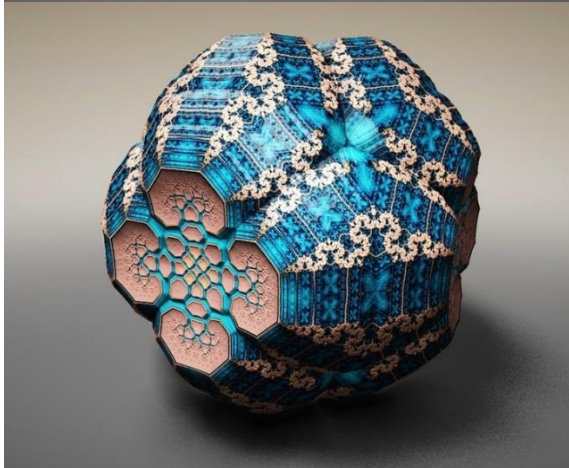


Artist [Tom Beddard's](#) hyper-realistic *Fabergé Fractals* are digital, geometric fractal designs that manage to increase in detail as you zoom in closer to them. If they were physical treasure, we'd expect the price tag to be: *if you have to ask you can't afford it.*

Named for their similarities to the [famous Russian Eggs](#) and for the formulaic method utilized to create the designs, the models are at times "naturally organic and other times perfectly geometric," which results in their incredibly realistic appearance and the incredibly real desire to have one of these in your living room.

Beddard says, "The 3D fractals are generated by iterative formulas whereby the output of one iteration forms the input for the next. The formulas effectively fold, scale, rotate or flip space. They are truly fractal in the fact that more and more detail can be revealed the closer to the surface you travel."

The Scotland-based artist, also known as [suBblue](#), was already [very familiar](#) with [3D design](#) and [fractals](#) when he approached the project, especially as he has a background in physics, including a PhD in laser physics from the University of St. Andrews. He's since applied his science-based education to the realm of arts and web development. This unorthodox background might be why his 3D renderings are beyond meticulous, with an attention to detail only someone accustomed to solving mind-numbingly intense proofs would employ. If an avatar jeweler examined these virtual gems with a digital magnifying glass, our guess is that these "eggs" would get an expert's pass. See some more of these (literally) priceless artifacts below.



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