

Matteo Moretti

Artworks: Cornu Portrait



Abstract:

Cornu portraits is a “homage” to the pioneers, mathematician and artists that researched on the relation between math, art and nature. They inspired thousands of people, artists and my personal research on generative design. A passion born during University time, after attending a conference with B. Mandelbrot about “The fractal geometry of Nature”. Cornu portraits is a series of portraits, based on a parametric algorithm (Cornu algorithm) that generates endless variants of the same subject. After the generation of hundreds of results, I chose one and laser engraved on a wood panel, from digital to the real world, on an irregular surface, to celebrate the uniqueness of the generative process.

Topic: Architecture

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References:

[1]
<http://portfolio.matteomorette.com/?commercial=cornu-portraits>

[2]
<http://franzmagazine.com/2012/09/07/rosengarten-festa-per-un-distretto-creativo-della-citta-di-bolzano/>

In this first chapter, I portrayed M.C. Escher, L. Fibonacci and B.Mandelbrot.



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Keywords:

Cornu Spirals, Generative art, Portrait, pioneers