



# THE ART OF NATHAN SELIKOFF

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## ARTIST STATEMENT

I love to experiment in the fuzzy overlap between art, mathematics, and programming. The computer is my canvas, and this is algorithmic artwork—a partnership mediated not by the brush or pencil but by the shared language of software. Seeking to extract and visualize the beauty that I glimpse beneath the surface of equations and systems, I create custom interactive programs and use them to explore algorithms, and ultimately to generate artwork.

In the world of chaotic dynamical systems, minute changes in initial conditions produce radically different results. The interface of my software gives me hooks into the algorithms and allows me to exert some control. But there is always tension—between the computer and me, between simplicity and complexity, and between problem solving and spontaneity.



Art and mathematics, the right brain and the left, are inextricably linked in this work. My art depends on mathematics, yet simultaneously illuminates and unravels its beauty. I am the explorer who uncovers something extraordinary, bringing into view that which was always there to be discovered.

## BIOGRAPHY

Nathan Selikoff's award-winning prints have been exhibited in galleries and venues throughout the United States and around the world, including Art Basel in Switzerland; Bridges Conferences in Canada and the Netherlands; the 404 Festival in Italy; the Koltsovo

Airport in Russia; the Maitland Art Center in Florida; AXIOM Gallery in Boston; the Los Angeles Center for Digital Art; the San Diego Art Institute; the Guggenheim Gallery at Chapman University and the Lyceum Theatre Gallery in California; Palm Beach Community College in Florida; the Joint Mathematics Meetings art exhibitions (JMM / SIGMAA-ARTS); and SIGGRAPH Art Galleries in Los Angeles (2008), San Diego (2003), and Boston (2006), where he also presented an Art Sketch on Digital Chronophotography. In 2008 Nathan participated in a three week residency at the Atlantic Center for the Arts, studying under master artist John F. Simon, Jr.

Nathan Selikoff was born in Atlanta in 1980. He received a B.F.A. in Computer Animation and a minor in Computer Science from the University of Central Florida in Orlando, where he resides with his wife, Amy.

Nathan also provides design and development services through his company, Digital Awakening Studios.