Generative Art

By Matt Pearson

Manning Publications. Paperback. Book Condition: new. BRAND NEW, Generative Art, Matt Pearson, DESCRIPTION Artists have always explored new media, and computer-based artists are no exception. Generative art, an emerging technique where print or onscreen images are created by use of computer algorithms, finds the artistic intersection between programming, computer graphics, and individual expression. Generative Art presents both the technique and the beauty of algorithmic art. In it, you'll find dozens of high-quality examples of generative art, along with the specific programmatic steps author and artist Matt Pearson followed to create each unique piece. The book includes concise tutorials for each of the technical components required to create the book's examples, and it offers countless suggestions for how you can combine and reuse the various techniques to create your own works. KEY POINTS * Introduction to the principles of algorithmic art * Brief Processing language tutorial * Establishing artistic "ground rules" for a new work * Using random, semi-random, emergent and fractal processes * Finding fresh approaches to the discipline of programming * Sixteen-page full-color section of beautiful artwork.

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