

A Brief History of Generative Art

Raine Alexander Adams

Pronouns: They / Them / Theirs

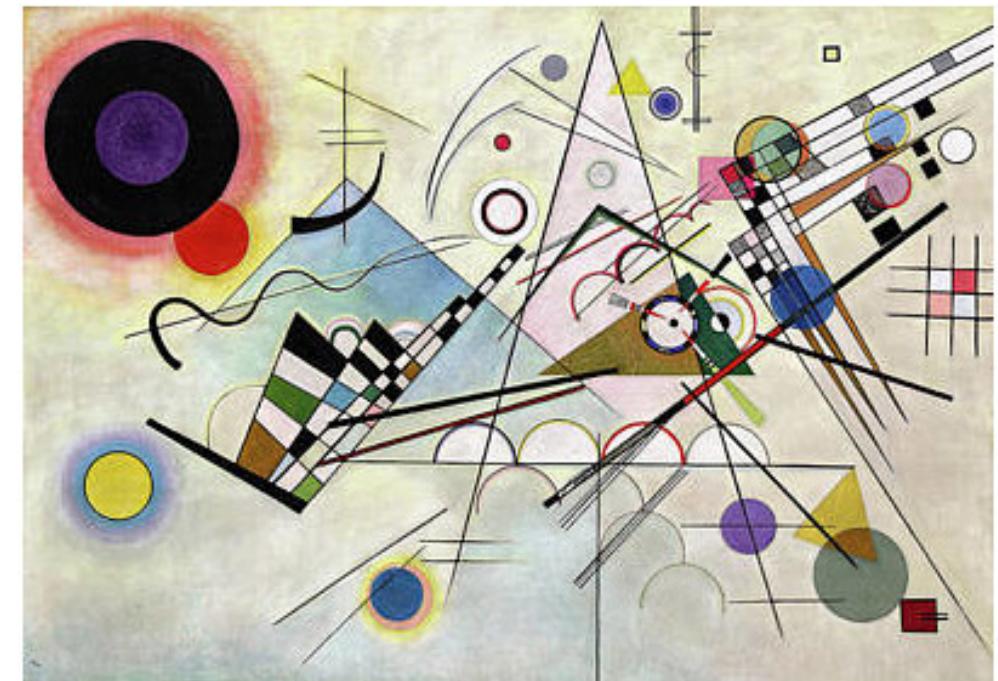


What is Generative Art?

In short, artwork created through some sort of procedure or algorithm. These systems typically include an element of randomness to create unexpected results. This is usually achieved with the help of a computer, but can be done with physical processes as well.

Influences

- Cubism, Futurism and Constructivism
 - Geometry and mechanical forms



Influences

- Dadaism, Surrealism, and Abstract Expressionism
 - Randomness and autonomy. What is art?



Early Generative Art

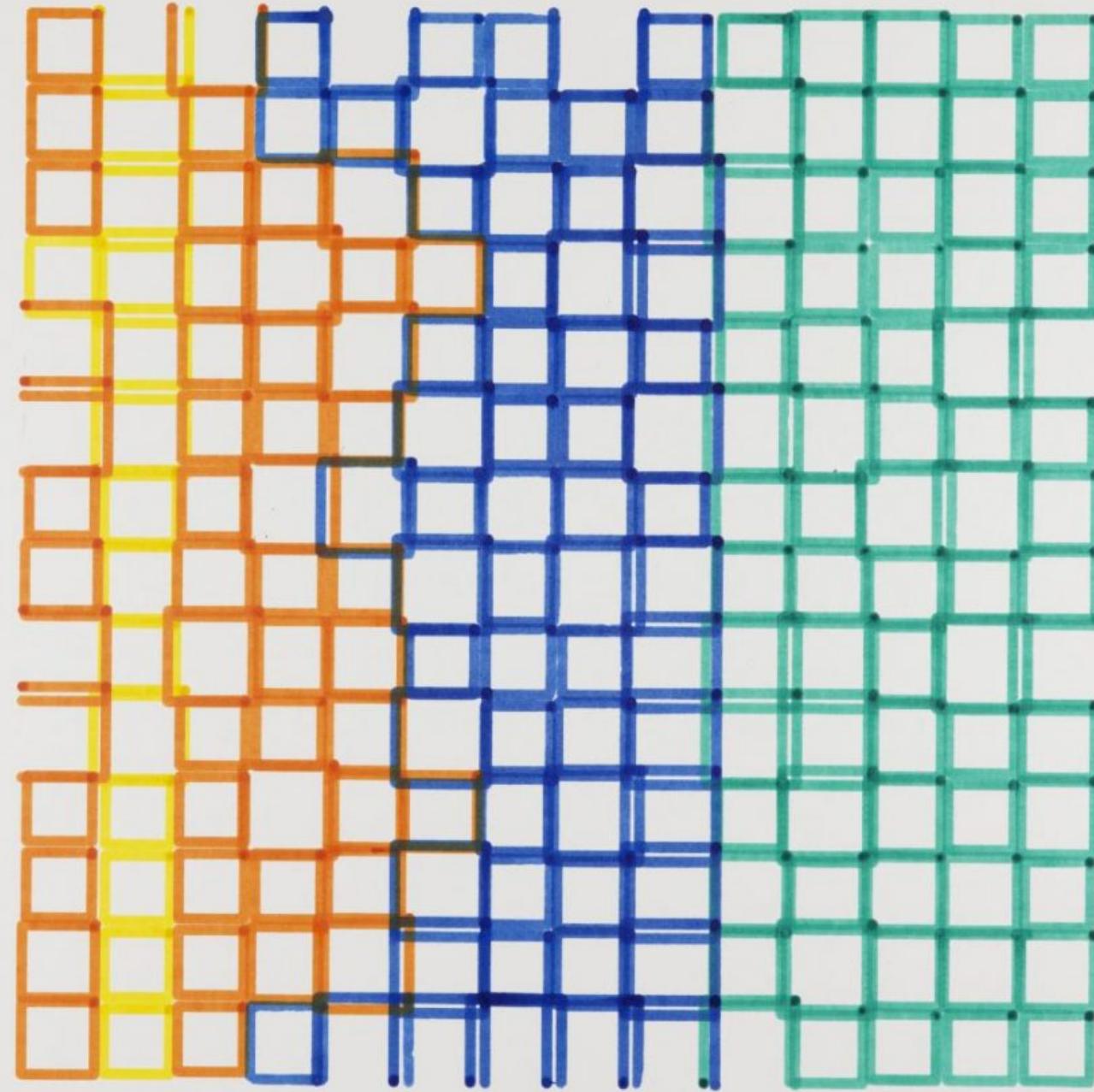
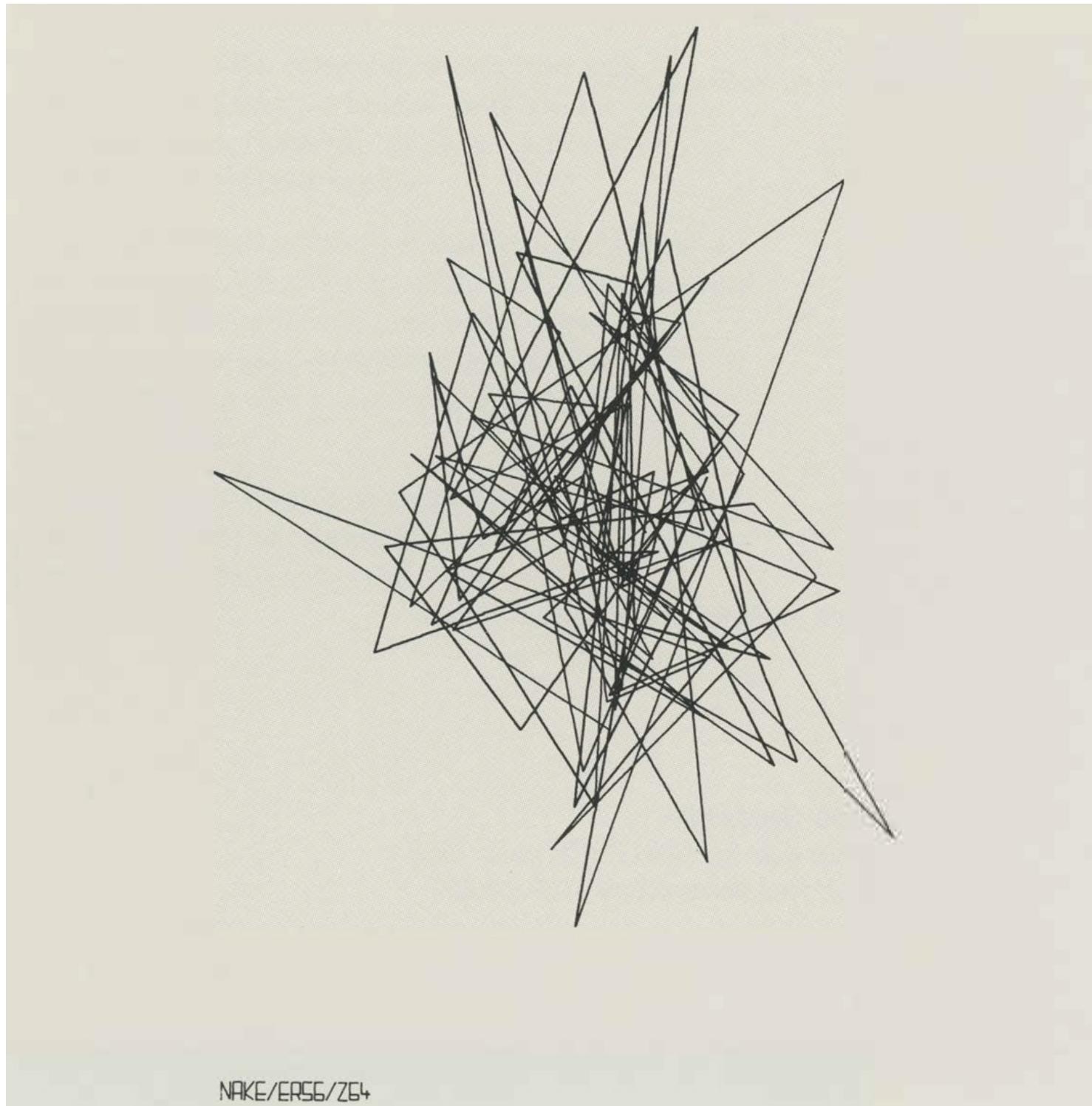
Mechanical plotters & Early Computers



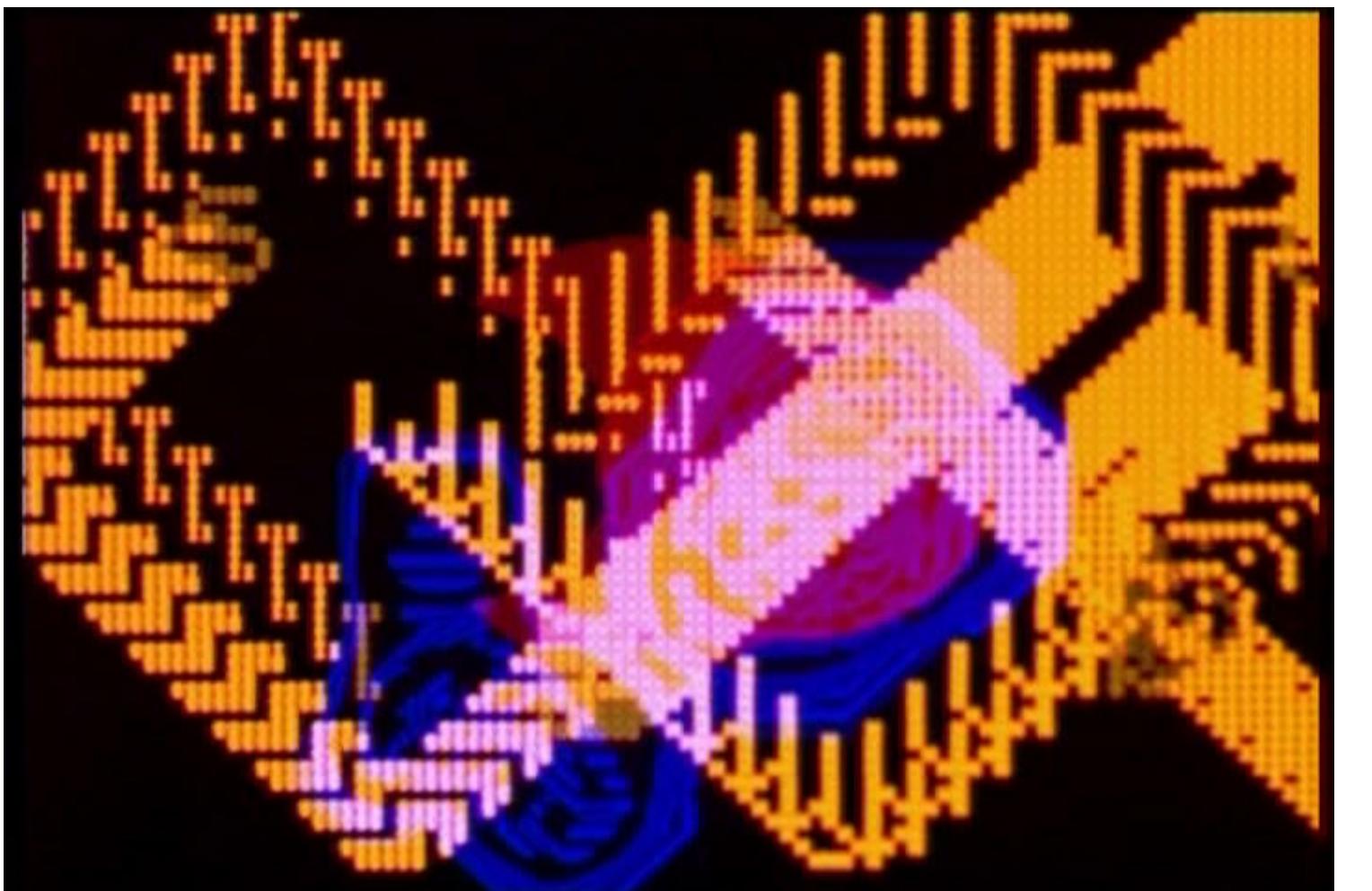
Georg Nees



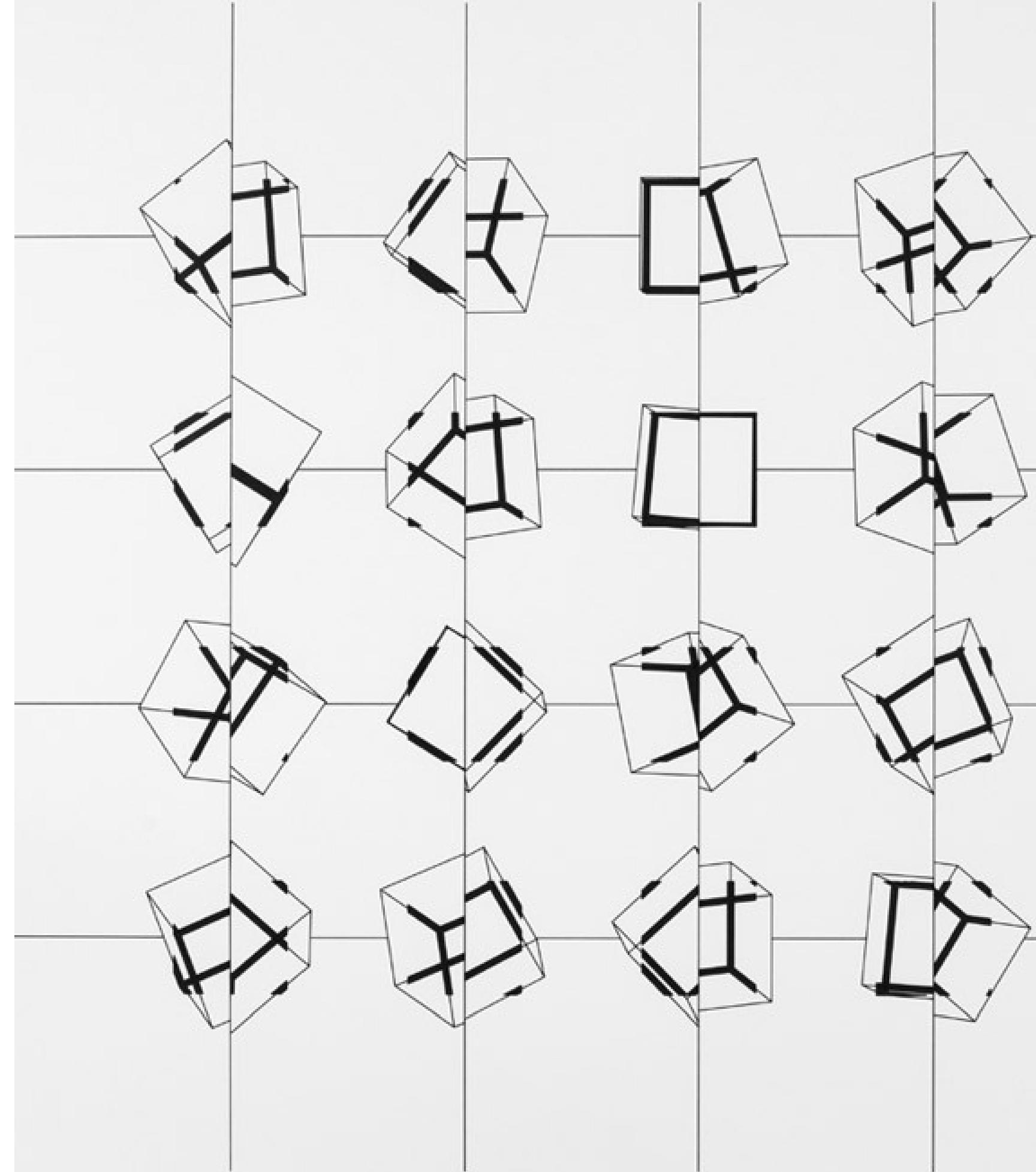
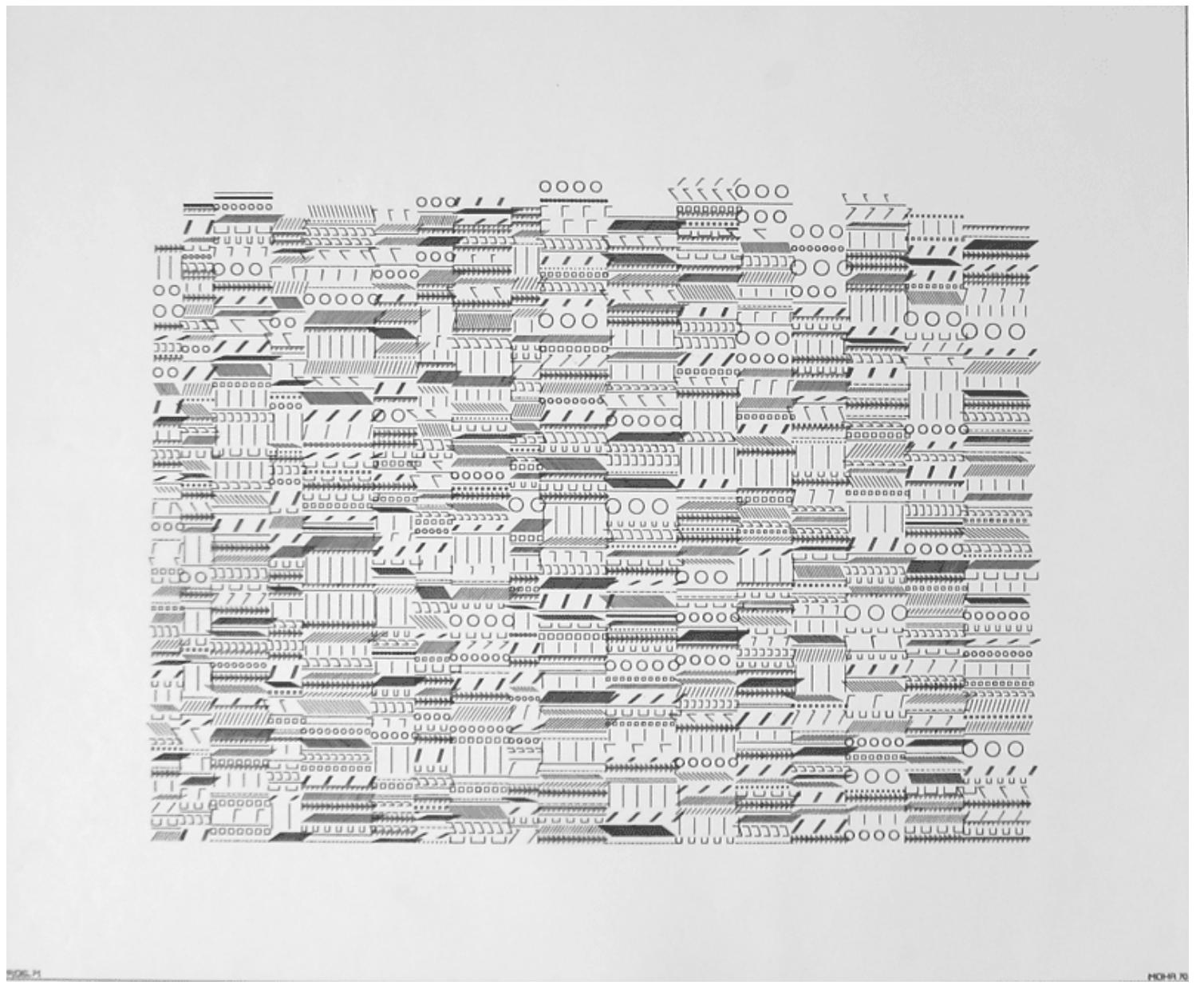
Frieder Nake



Lillian Schwartz



Manfred Mohr



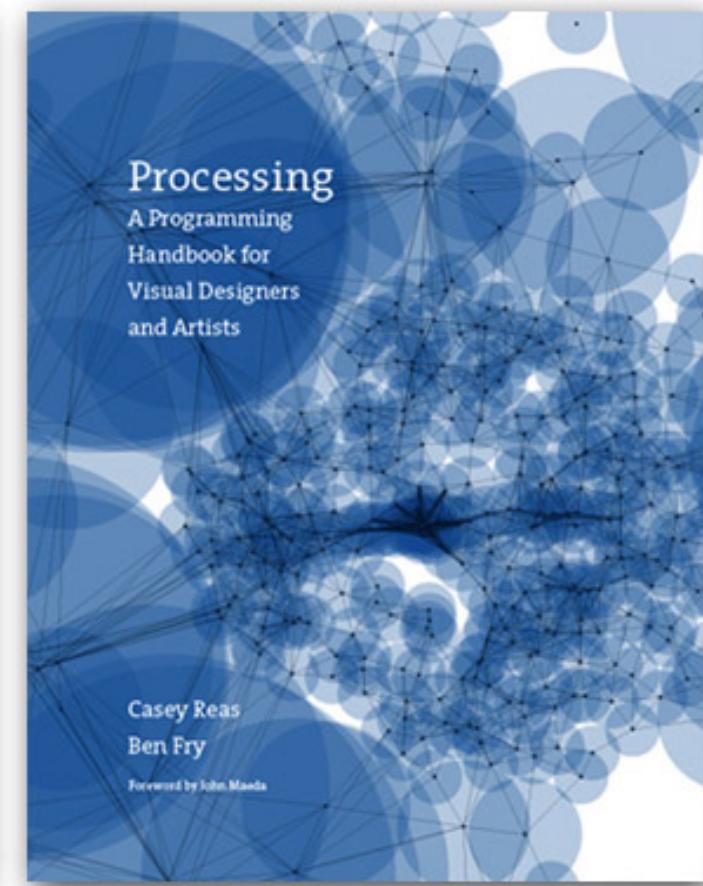
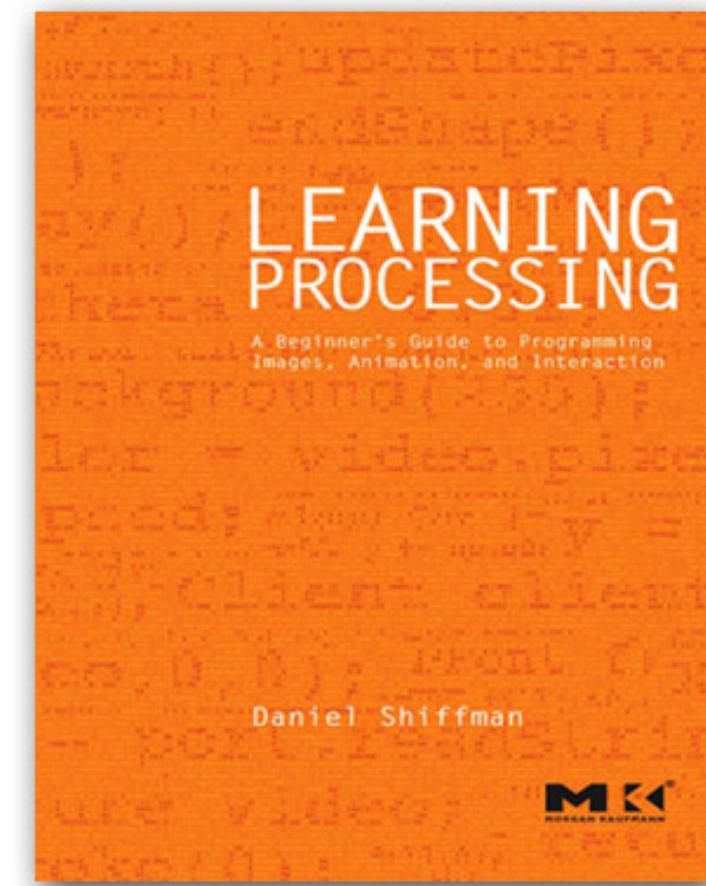
Vera Molnár

"Without the aid of a computer, it would not be possible to materialize quite so faithfully an image that previously existed only in the artist's mind. This may sound paradoxical, but the machine, which is thought to be cold and inhuman, can help to realize what is most subjective, unattainable, and profound in a human being."

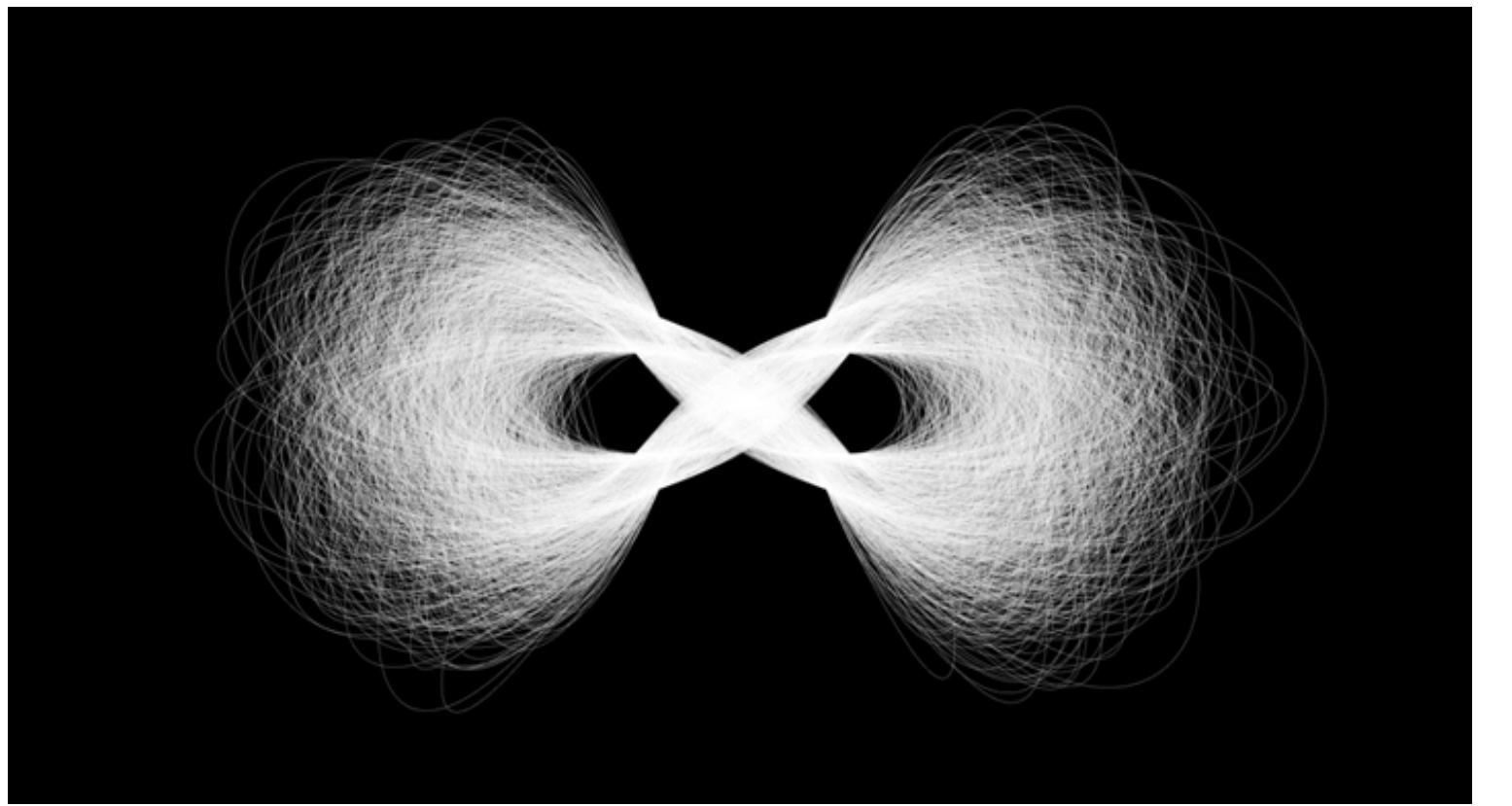
-Vera Molnar

Late 20th / Early 21st Century

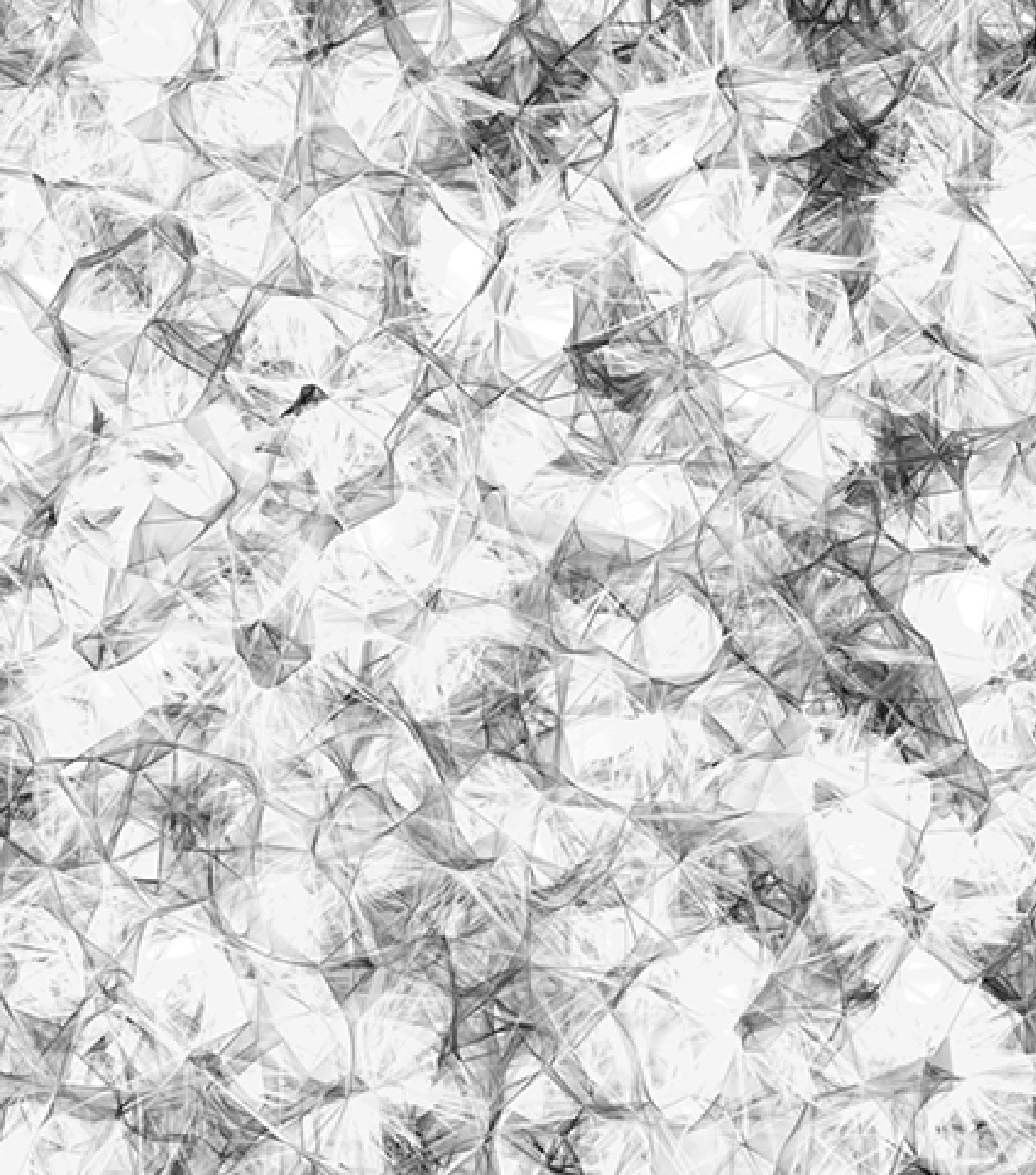
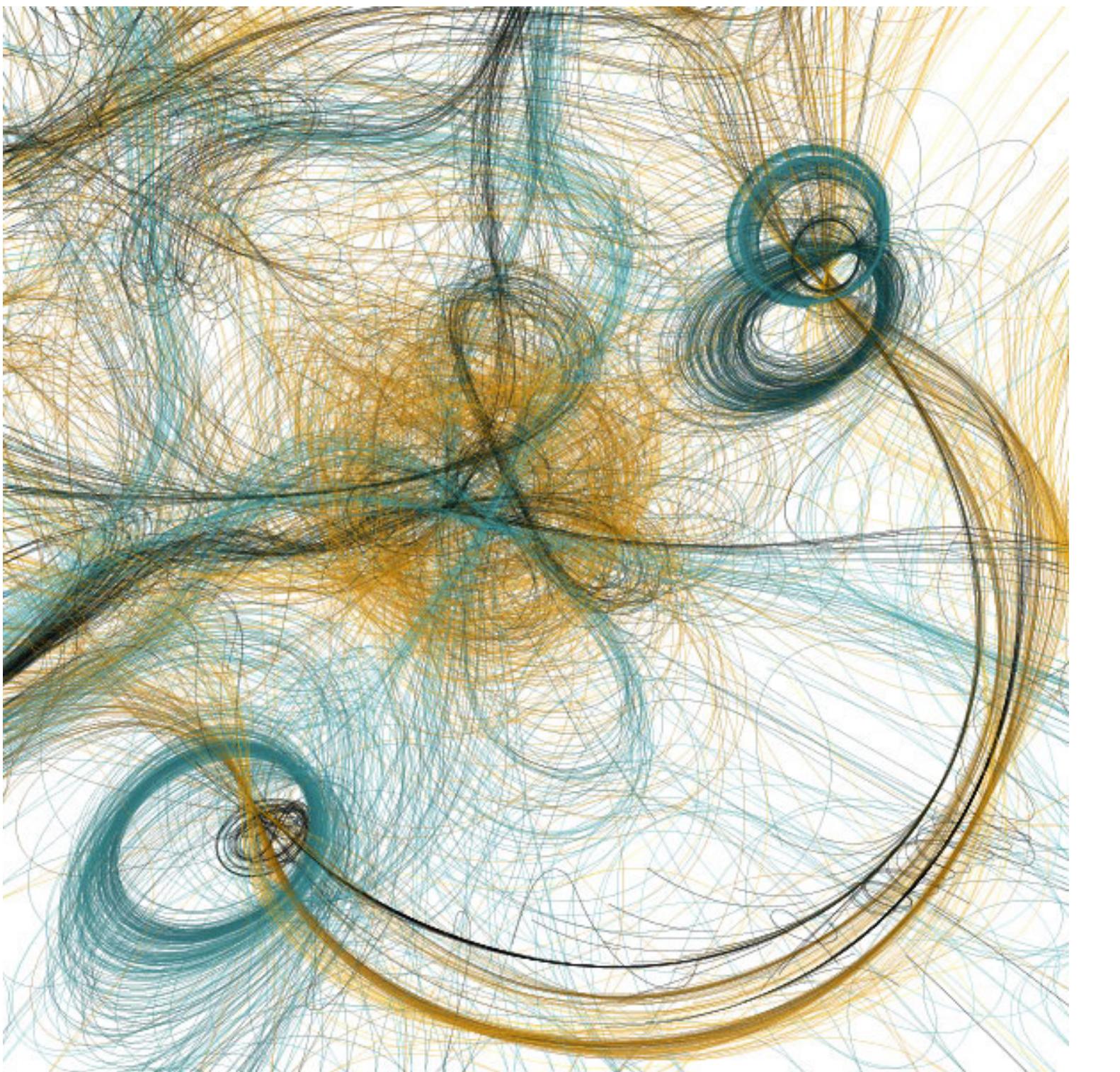
THE RISE OF THE PERSONAL COMPUTER AND PROCESSING



John Maeda



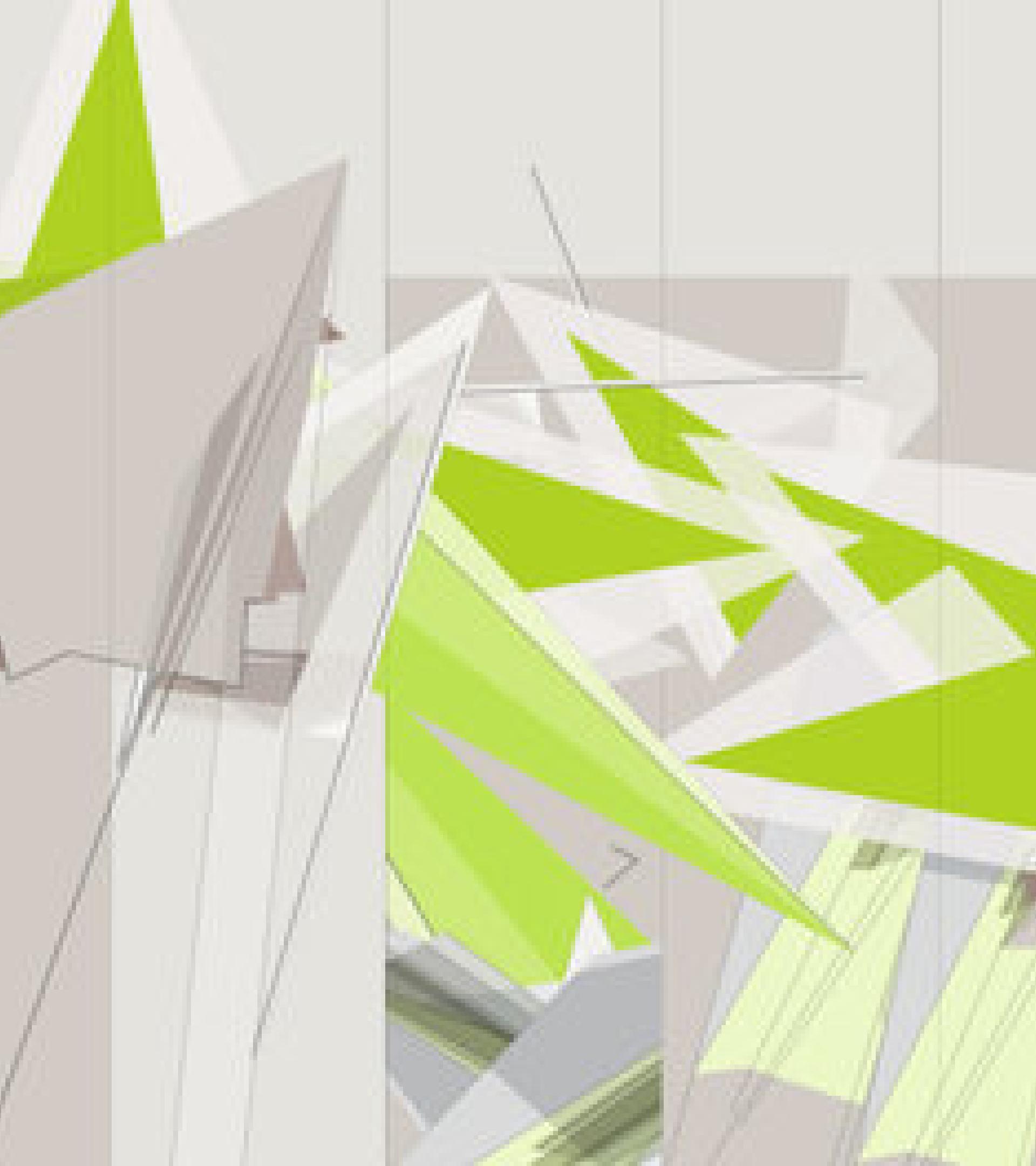
Casey Reas



Jared Tarbell



Joshua Davis



Leonardo Solaas

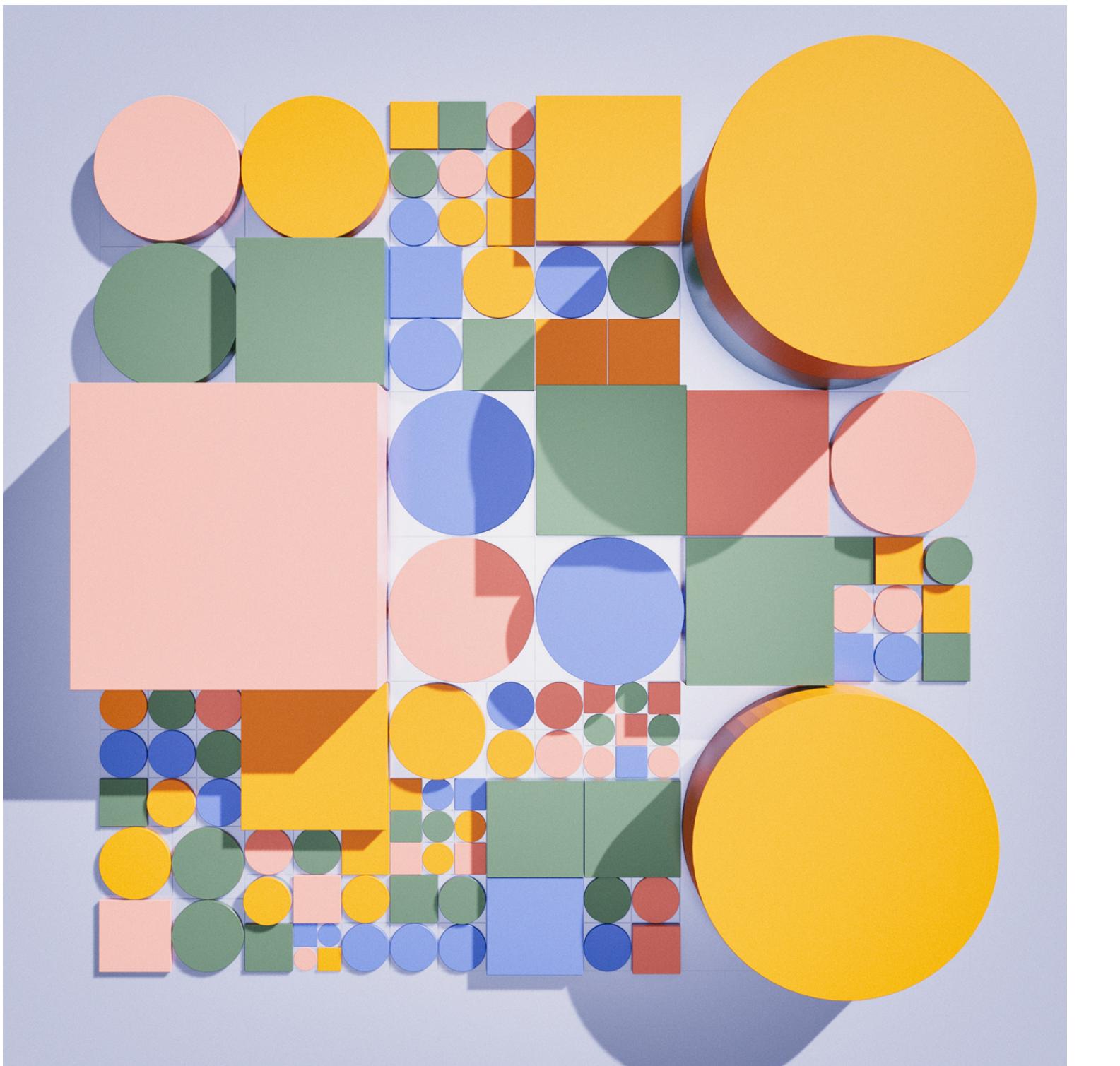
Contemporary Art

COMPUTATION EXPLOSION & AI FOR EVERYONE

PROCESSING V 1.0 (REAS & BEN FRY)

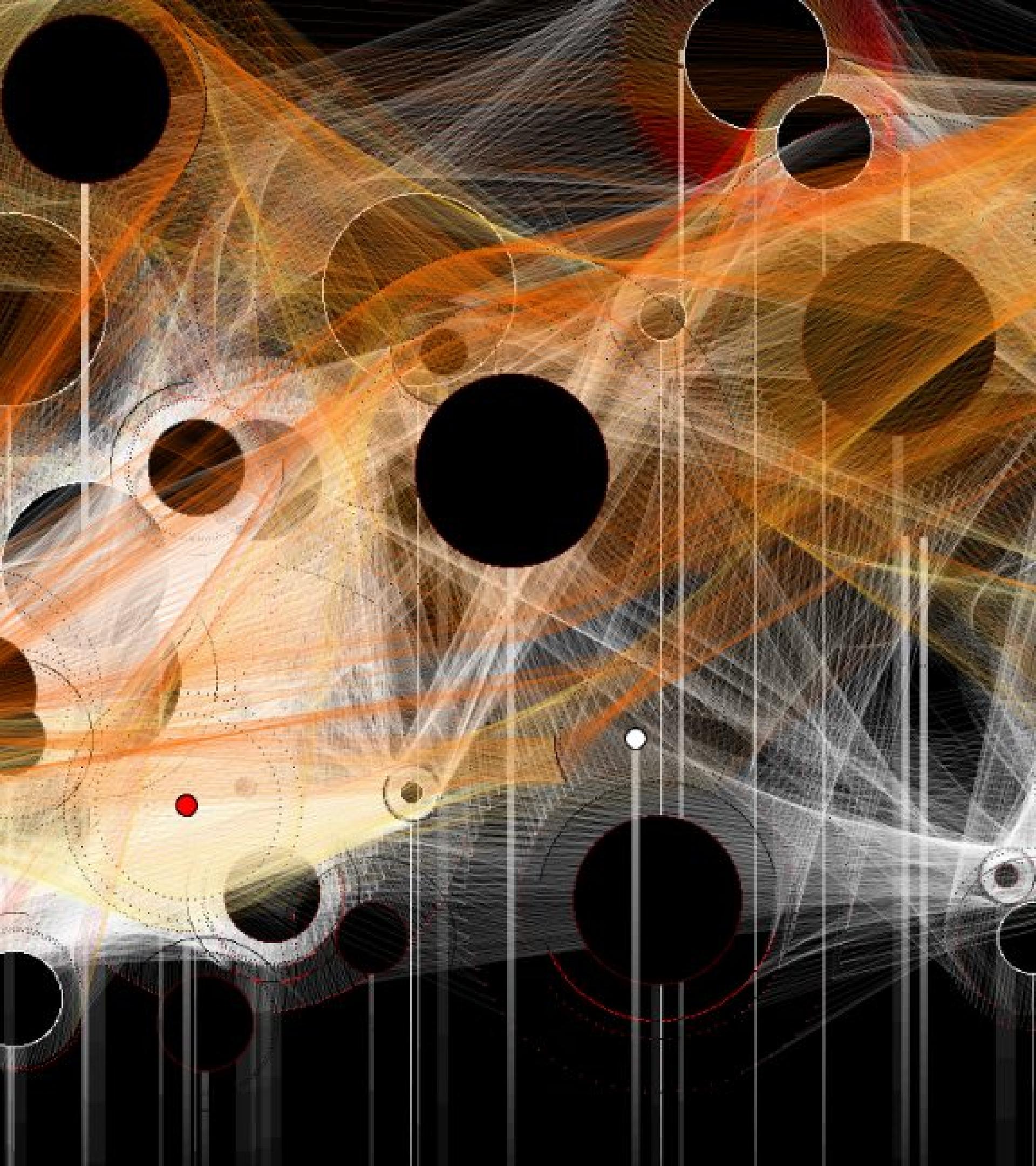
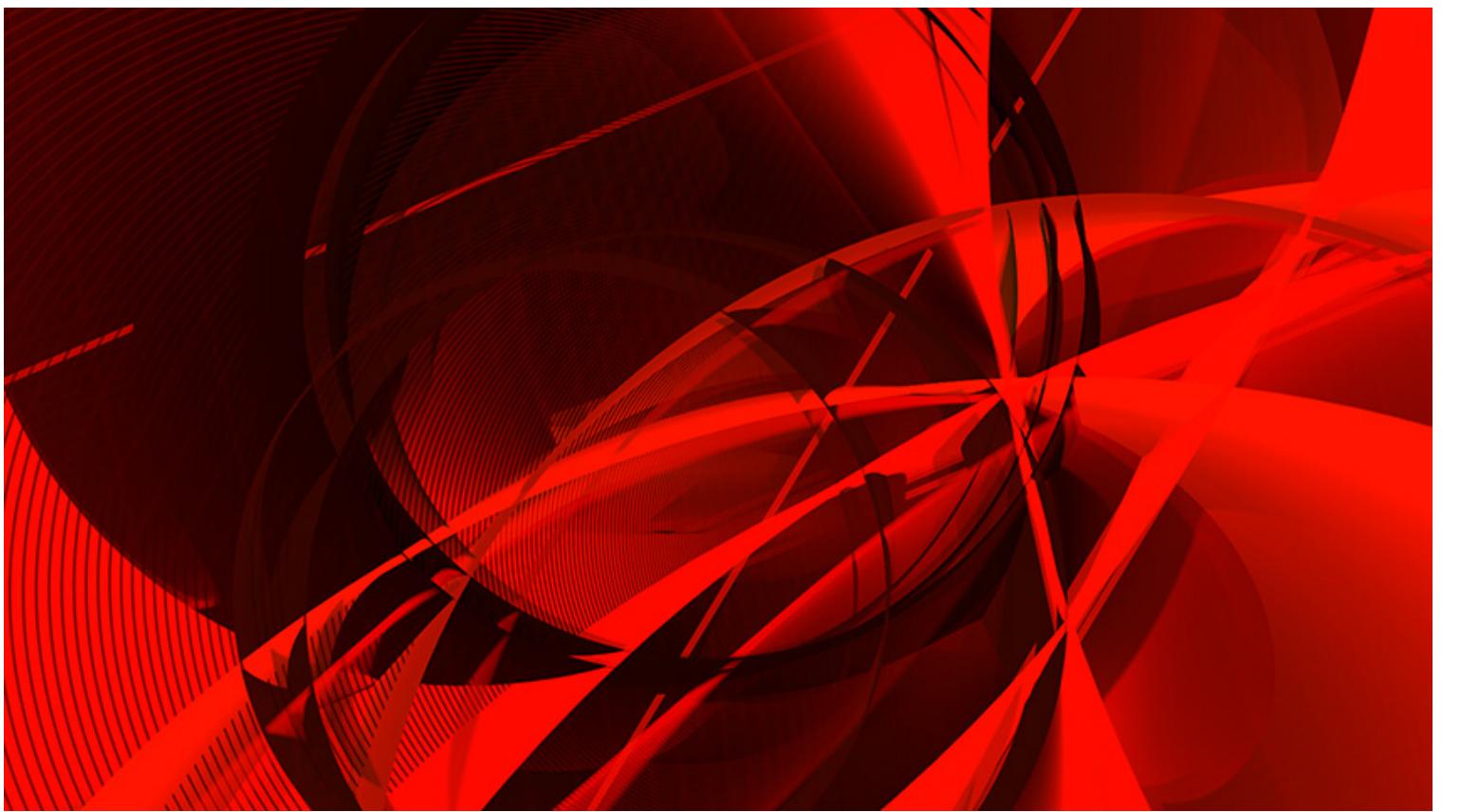


Manolo Gamboa Naon



Mark J. Stock

LIA



Anastasia Opara



Robbie Barrat



Further down the rabbit hole

- The Nature of Code: Simulating Natural Systems with Processing
- Contemporary Artists - <https://aiartists.org/>
- Artist blog - <https://inconvergent.net/#writing>
- Tutorials - <https://generativeartistry.com/>

Thank you!