

**Max Jerdee (b. 1998)**  
**Feathers, 2024**

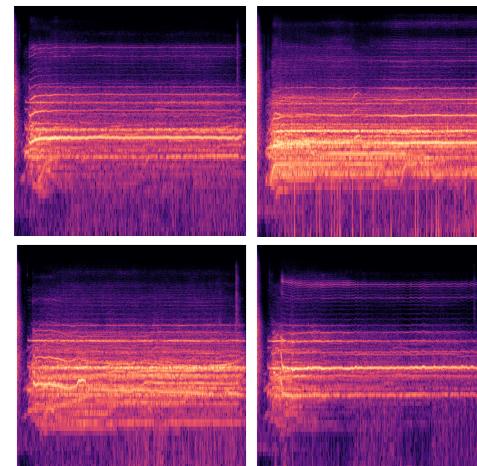
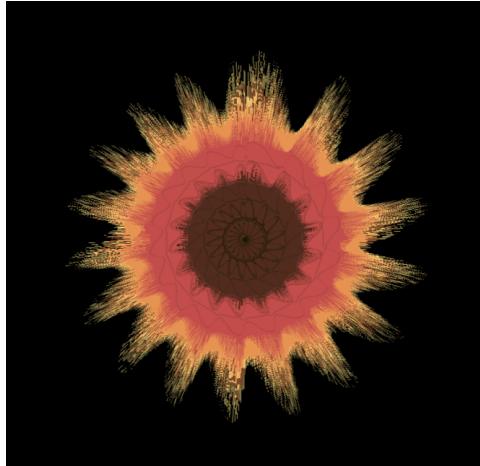
*Mathematica*

This bird-like image is formed by a Voronoi tessellation from points along the trajectory of a chaotic Lorentz attractor. The colors correspond to the number of edges of each cell.

**Shane Scaggs (b. 1989)**  
**Lotka-Volterra Music, 2024**

*R*

To play this melody, a chaotic system is created from a 4x4 matrix using the Generalized Lotka-Volterra model. Two of these chaotic oscillators are then mapped onto a two octave scale of notes using the `{datagoboop}` package in R.



**Shane Scaggs (b. 1989)**  
**Lotka-Volterra Sunflower, 2024**

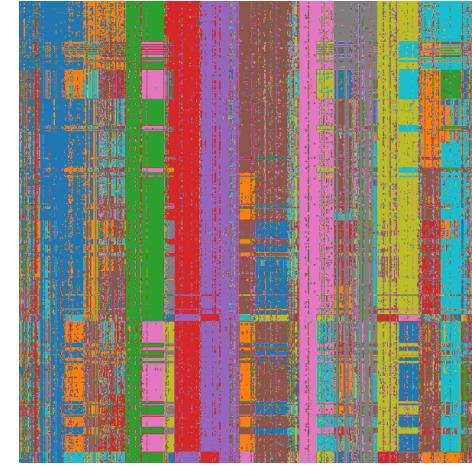
*R*

The radial pattern is generated by first defining a pair of oscillators using a Lotka-Volterra system. The states of these oscillators are repeatedly rescaled. At each new scale, Gaussian noise is added and then the points and lines at that scale are colored along a gradient.

**Adam Becker (b. 1984)**  
**Triangulation I & II, 2009**

*Mathematica*

These images are the Delaunay network (the dual to the Voronoi network) for a set of random points on a torus: 600 points for Triangulation I, 10,000 points for Triangulation II. Note that opposite edges of both diagrams fit together, as the torus has been unrolled along both circumferences.



**CSSS24 (b. 2024)**  
**Harmony, 2024**

*Spectrogram of vocal performance*  
Spectral representations of the voices of four CSSS 2024 participants during a collective experiment to converge to the same tone. The frequency (pitch) is plotted vertically while time is horizontal.

**Max Jerdee (b. 1998)**  
**Community?, 2024**

*Python, C++*

Each column of this pixel grid represents a high school student. The colors represent possible friend groups among these students, inferred from friendship data. Each row is a possible structure, representing ambiguity in our group divisions.