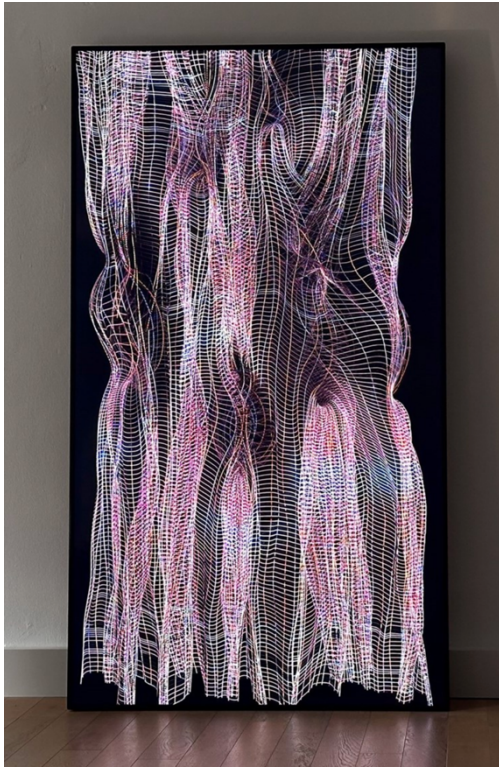


DANIEL CANOGAR



QUIVER, 2024

4K Screen, computer, generative custom software, real-time data, internet connection

Edition of 7 + 2 AP

Video link:

<https://www.danielcanogar.com/work/quiver>

Quiver is a generative artwork that combines digital textile aesthetics with the exploration of scientific phenomena.

Visually, it draws inspiration from textile traditions, honoring the historical link between mechanical looms and the origins of computing. The piece is an artistic interpretation of how deep-space events create ripples in spacetime, a concept from quantum physics illustrating the universe's intricate interconnectedness. Drawing on Einstein's theory of relativity, it depicts the spacetime continuum as a fabric that ripples and buckles under gravitational forces.

Connected to NASA's General Coordinates Network and the LIGO observatory, *Quiver* responds in near real-time to cosmic events like black hole mergers and neutron star collisions. These occurrences create distortions that reshape the piece, producing fluid, dynamic patterns that mirror the scale and nature of each astronomical event.