

The art project "Techno Synesthesia" by Kenji Kojima experiments relations between visual, music and time by computer technology. It is what we listen to our sense of sight and visualize time perception through artistic and technological experimentations. The video captured the visual and sound processing of the withering tulips' video by the algorithm. The algorithm divided 84 grids of a video image and took out the top five differences in shade and light in every second. The color values of the grid images were converted to musical notes. The program played the music of midi sounds. At the same time, the algorithm had drawn lines from the XY location of the grids and memorized the time for Z axis. The time memories contained 2D drawing points would make 3D wires finally. And it turned 360 degrees. At the beginning of the 20th century, painter Kandinsky and composer Scriabin explored the common information of visual and auditory with the art of different expressions. Techno Synesthesia is an experimental art that inherits the predecessors of the 20th century and considers the fusion and compatibility of multiple sensory organs by computer technology as a new evolution of the 21st century.