

Enrico Zimuel

Live Performance: Random cuts



Abstract:

The cut as constructive or destructive act. Using a custom software, based on a generative algorithm produced by the author, this live performance shows the ambivalence of the cut as constructive and destructive act. The performer uses a parametric software, based on a cellular automata algorithm, to generate video and audio. The images are produced with random lines (cuts) drawn on the screen (projector) with different sizes and colors. To represent the destructive cuts, the algorithm draws black lines to simulate a delete action, overwriting the previous shapes. A live video is produced with this simple idea.

At the same time, the performer produces sounds using the same parameter of the visual algorithm, manipulating a sound synthesizer, produced by the author.

The idea of this live performance comes from a generative art work presented by the author in [1]. In this previous work, the generation of the sounds was not included.

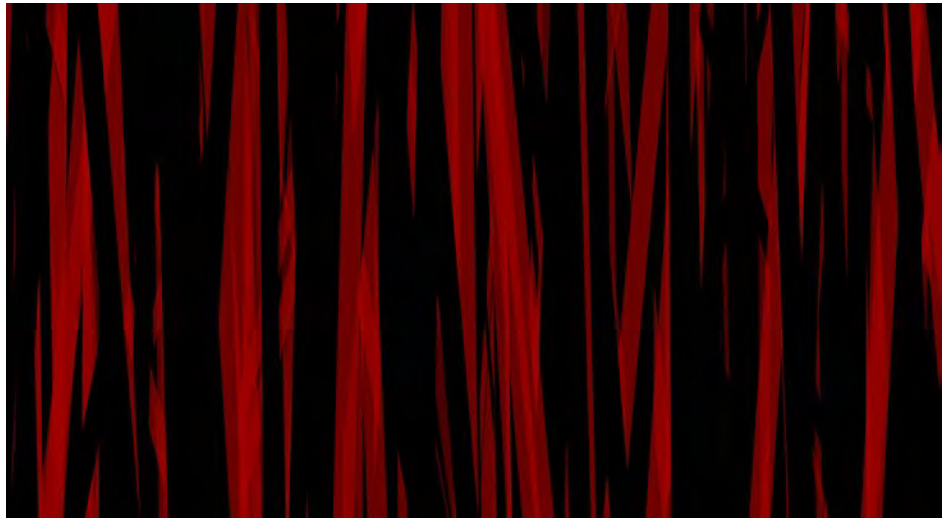
Topic: Generative Art, Cellular Automata, Music,

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References:

[1] E. Zimuel, “Random Cuts”, <http://vimeo.com/61521947>, Extract from the exhibition *Sul filo della Lama*, Scarperia (Firenze), 2013



Example: extract of the video “Random Cuts” [1]

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Keywords:

Audiovisual performance, evolutionary computation, abstract animation, cellular automata, electronic music