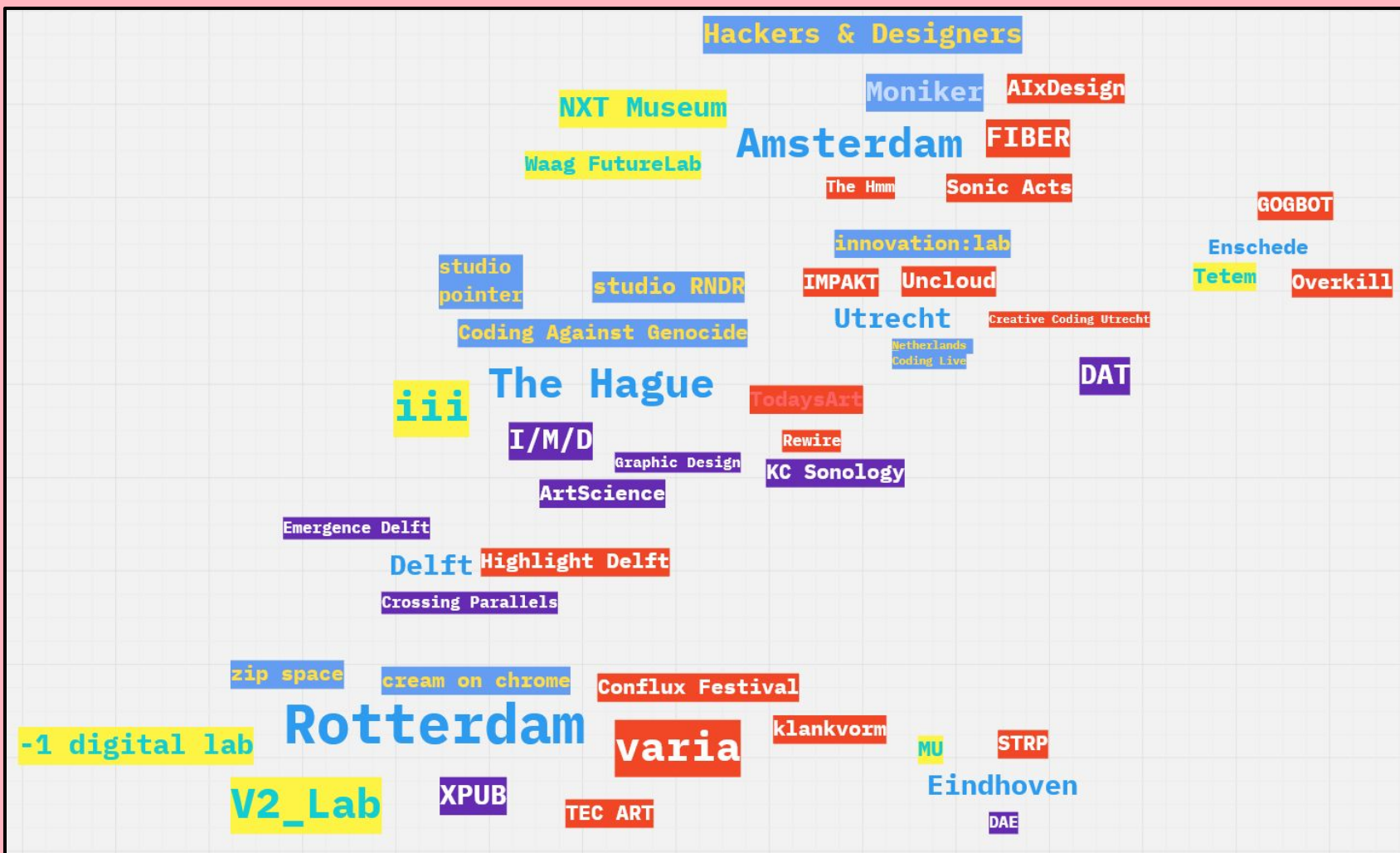
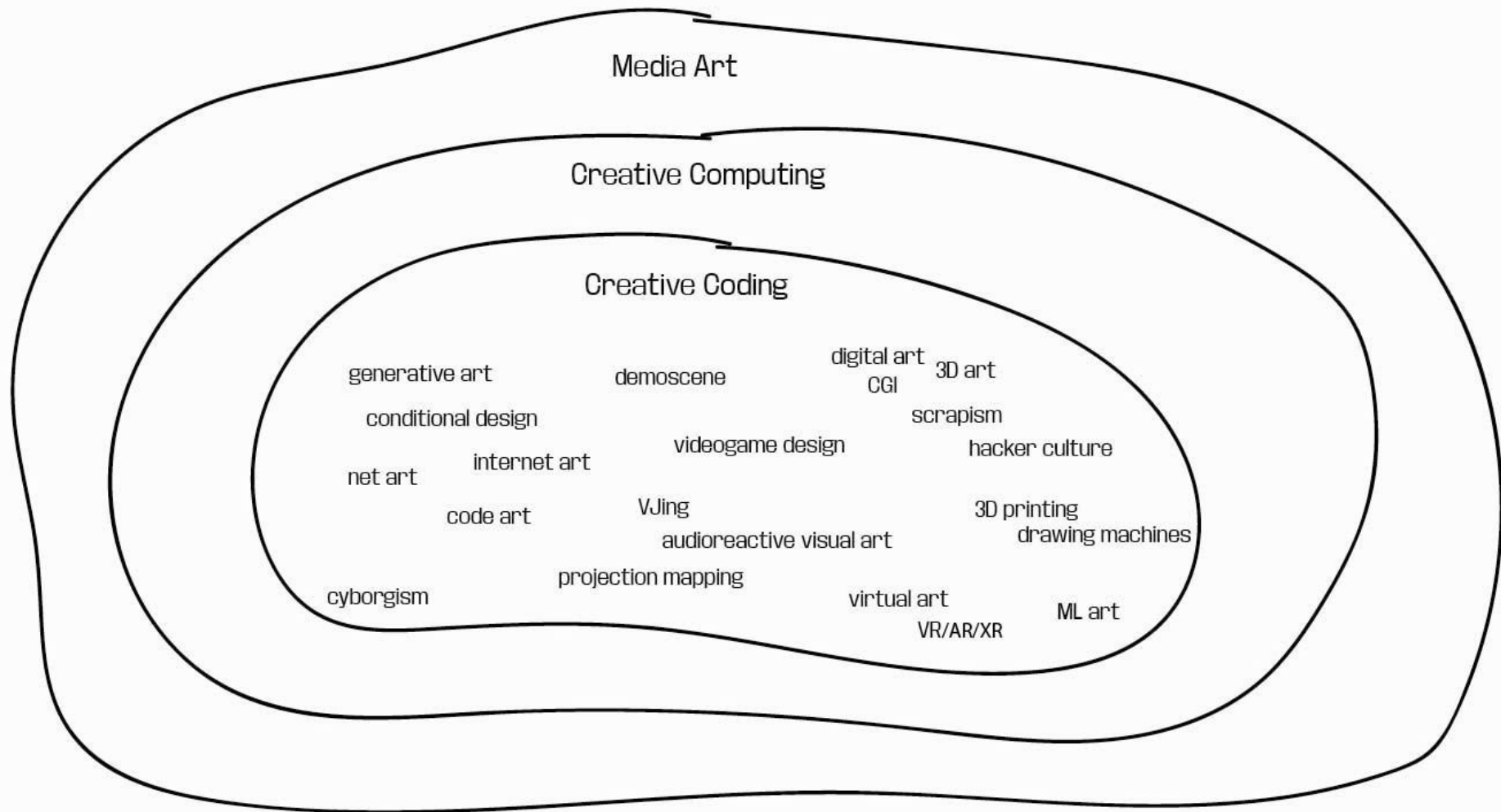


Creative Coding

A (not so) brief history of





Web Design

Subject has zigzagged.

Subject suddenly moved to another direction.

Subject has moved to the bottom right area of the window.

Subject moved in a straight direction for ten pixels.

The Subjects machine has 8 CPU cores.

Subject has visited 12 websites

Subject has accepted the cool

New subject has entered. Welcome

...

(please turn on your sound)

Button

[visit clickclickclick.click ▶](#)

Game Design



Immersive Media



Digital Fabrication / Animation



Protovise, Kevin Bray , 2024

Photography



Everything is a Projection, Sheung Yiu , 2020-24

Fashion



3D printed dresses in Kunstmuseum Den Haag, **Iris van Herpen** , 2025

Performance



Role of **code** in Creative Coding

☁ **engine** of the work

☁ material forming and informing the **process**

☁ critical **subject** of research.

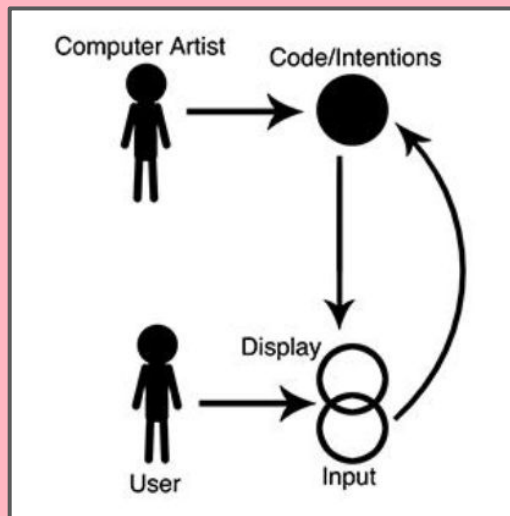
“All code is creative”

Poetic Computation

A (not so) brief history of

“Poetic Computation is the space that exists between formal logic and play. It asks us to understand the motivations of the world around us and subvert them. In a world driven by capitalist business logic, it posits: where is the humanity in these electrical builds?”

“Poetic computation is to break engineers’ hearts and
blow artists’ minds”



Ars Electronica, 2003, Linz AT

Main Entry: **code**
Pronunciation: 'kOd
Function: *noun*
Etymology: Middle English, from Middle French, from Latin *codex*,
codex trunk of a tree, document formed originally from wooden tablets
Date: 14th c.
1 : a systematic statement of a body of law, especially : one given
statutory force
2 : a system of signs, codes, and numbers
3 a : a system of signals or symbols for communication b : a system of
symbols (as letters or numbers) used to represent assigned and often
secret meanings
CODE - THE LANGUAGE OF OUR TIME
4 : genetic code Date: 1961 the biochemical basis of heredity
consisting of codons in DNA and RNA that determine the specific
amino acid sequence in proteins and appear to be uniform for
all known forms of life
5 : a set of instructions for a computer
- *code-less* /-l&s/ adjective
Function: *verb*
Inflected Form
Date: 1815,
ARS ELECTRONICA 2003
Festival für Kunst, Technologie und Gesellschaft
transitive sense **Linz 6. - 11. September** *code*
intransitive senses : to specify the genetic code <a gene that *codes*
for a protein>
- *cod-able* /'kO-d&-b&l/ adjective,
- *cod-er* *noun*

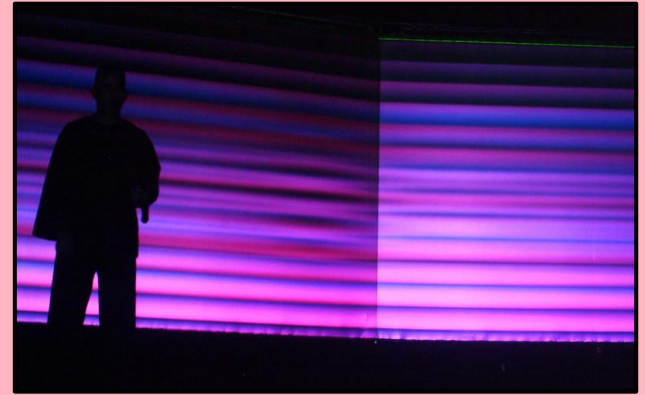
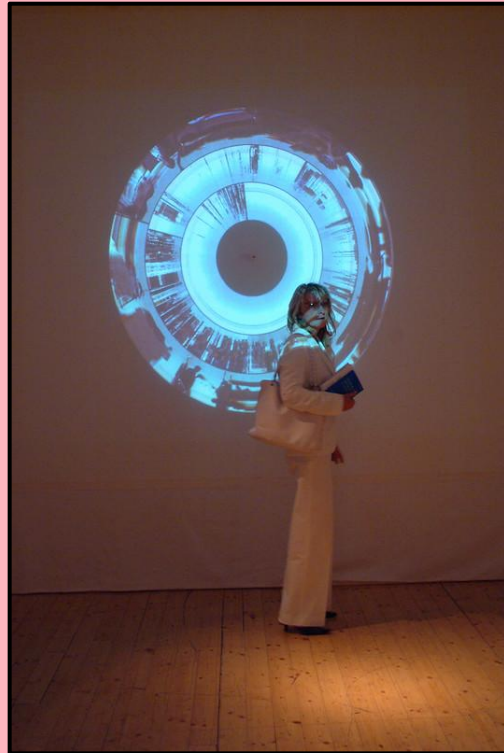
By permission: © 2003 Museum of Modern Art, New York © 2003 by Museum of Modern Art, New York, NY

ARS ELECTRONICA
CENTRUM
FÜR KUNST, TECHNOLOGIE UND
GESELLSCHAFT

BRUC
HAUS

STADT
LINZ

STADT
LINZ



Instructions for Paintings, Yoko Ono, 1962

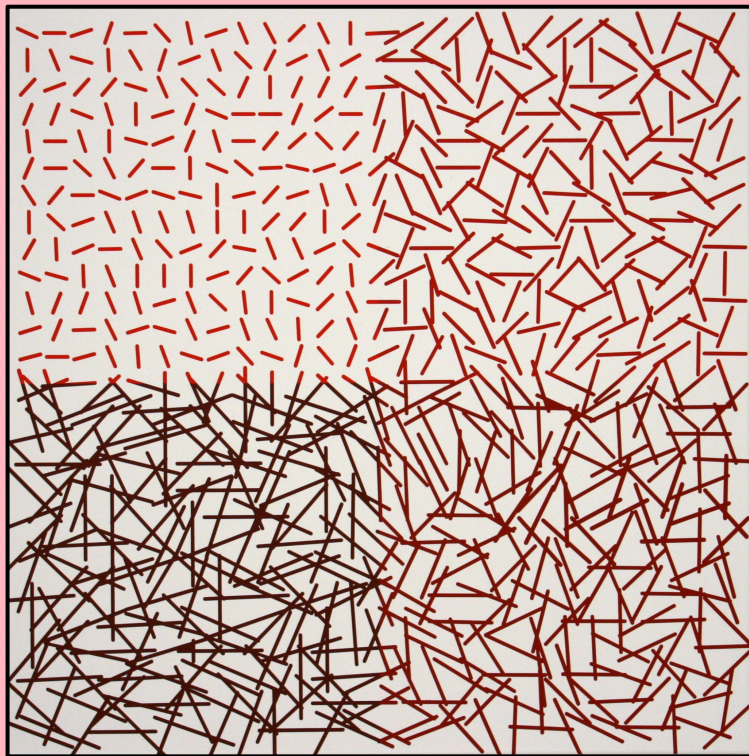
PAINTING TO BE STEPPED ON

Leave a piece of canvas or finished
painting on the floor or in the street.

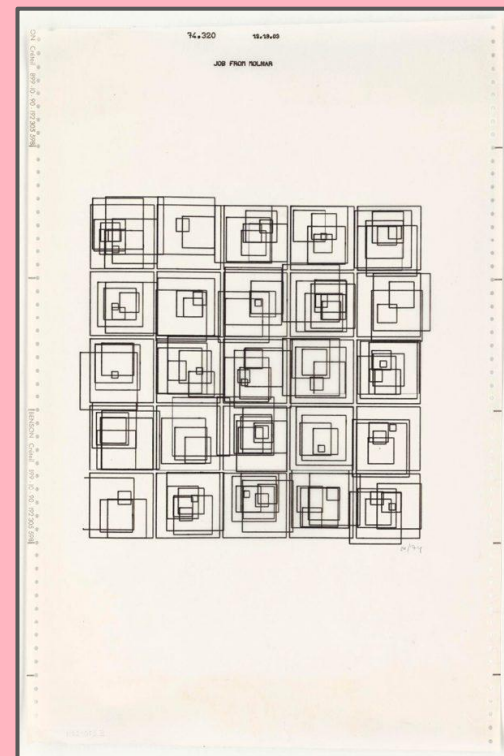
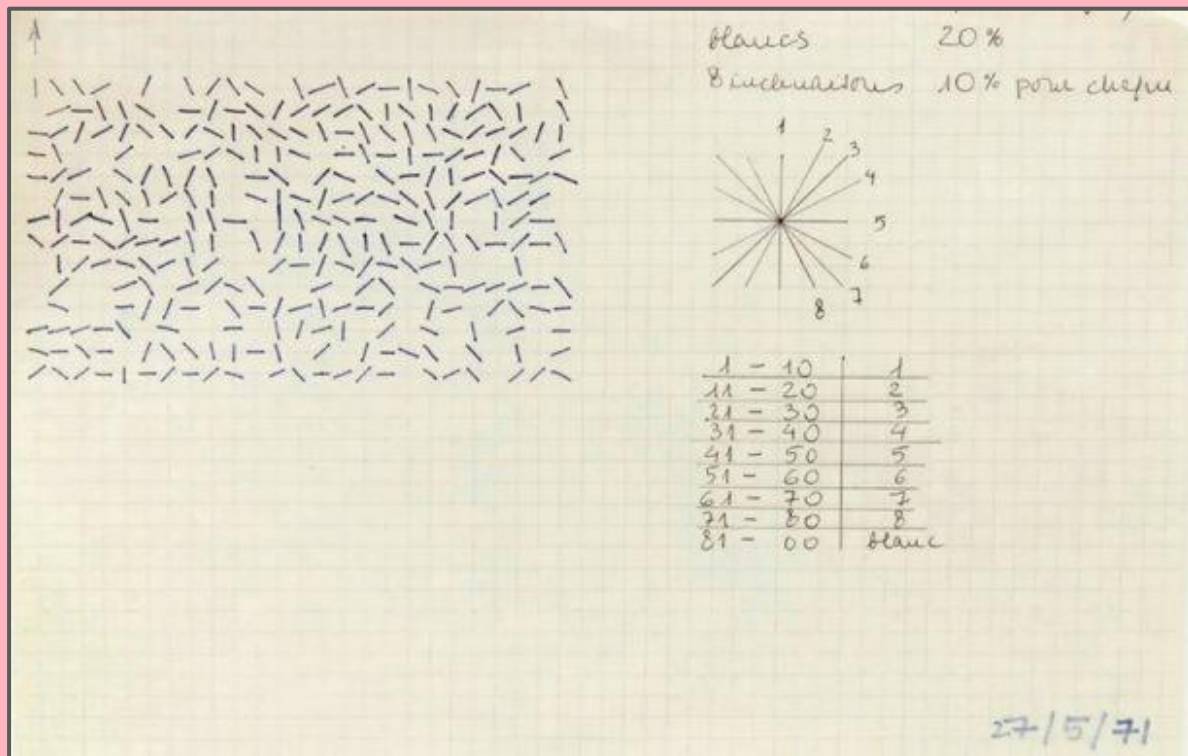
1960 winter

三楽章の絵
キャンバスに煙草を小さな穴
をあけ、しめった綿を入れた
袋に種を入れキャンバスの後
につるし、毎日水をやる。
一楽章
キャンバスがつたにおほわれる
迄。
二楽章
つたが枯れるまで。
三楽章
キャンバスが燃え尽きたにな
る迄。
楽章の終りここに字を真
をとって置く。

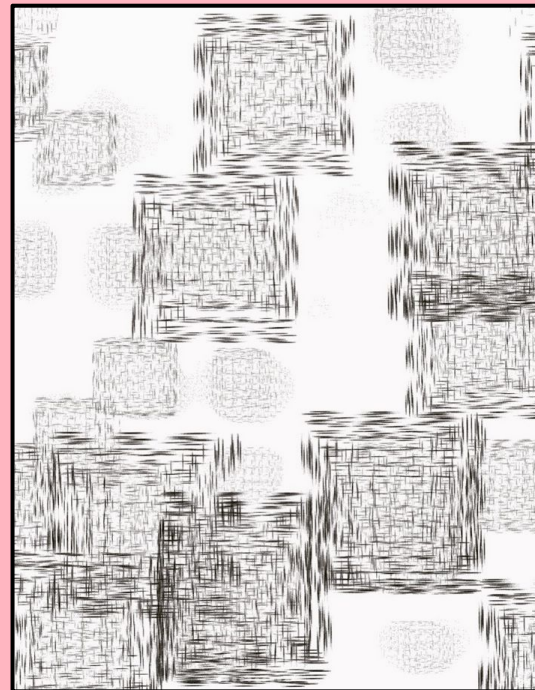
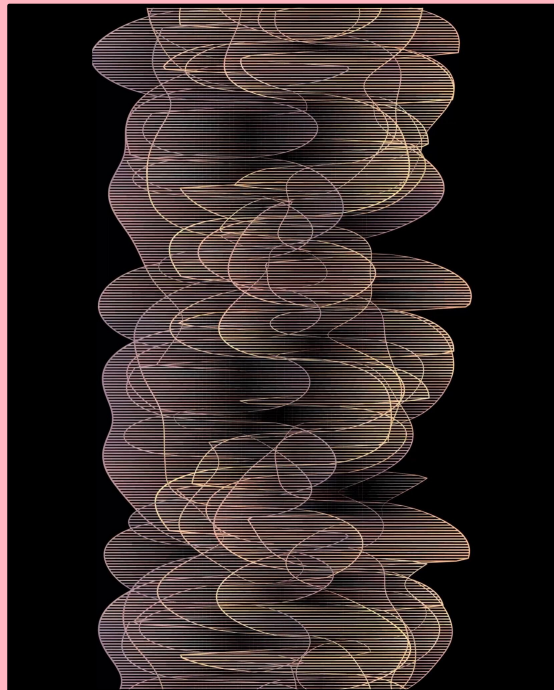
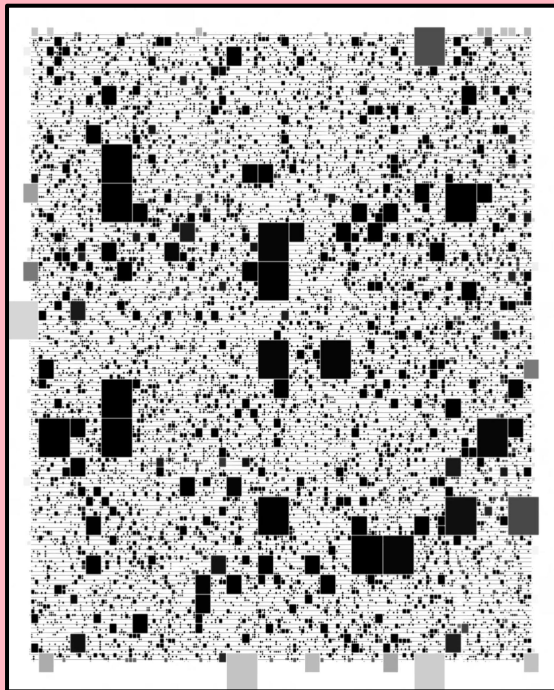
Vera Molnár (1924 – 2023)



Vera Molnár (1924 – 2023)



various NFT works, **IX Shells**, 2021



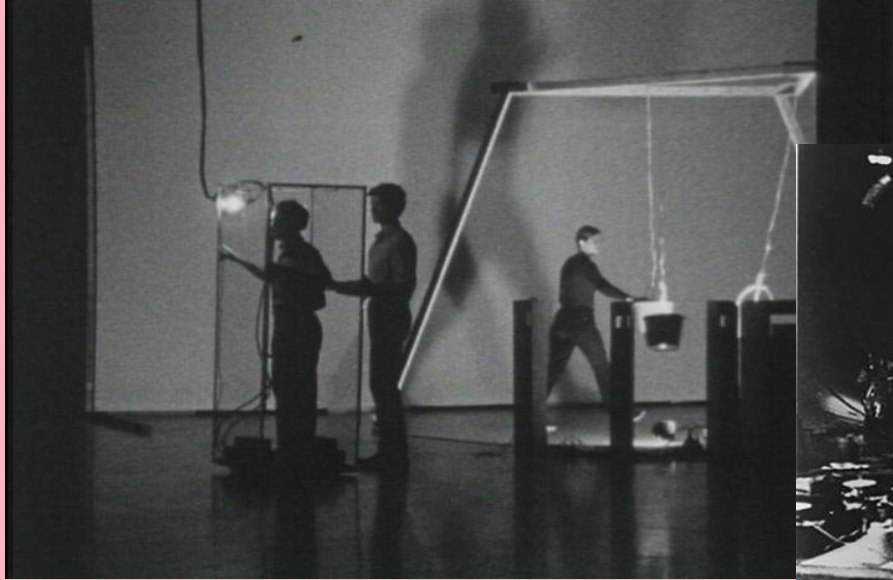
Unsupervised / Large Nature Model, **Refik Anadol**, 2022 / 2024



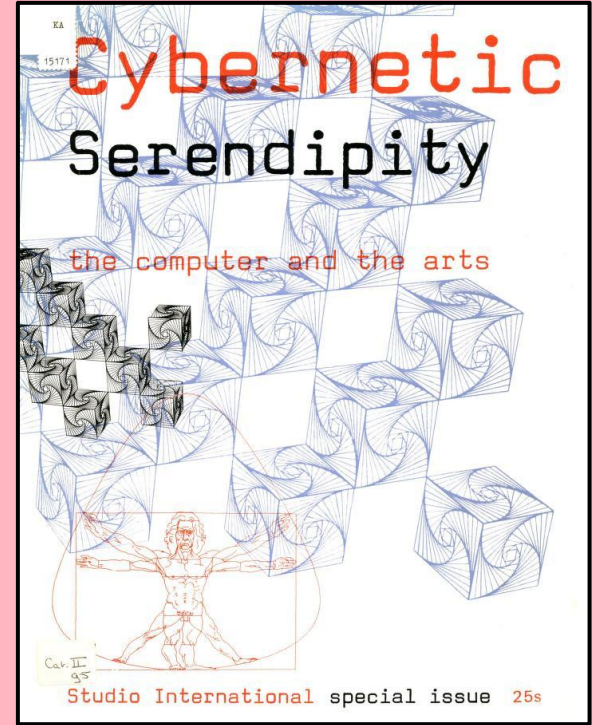
Arte Programmata, 1962, Milano IT



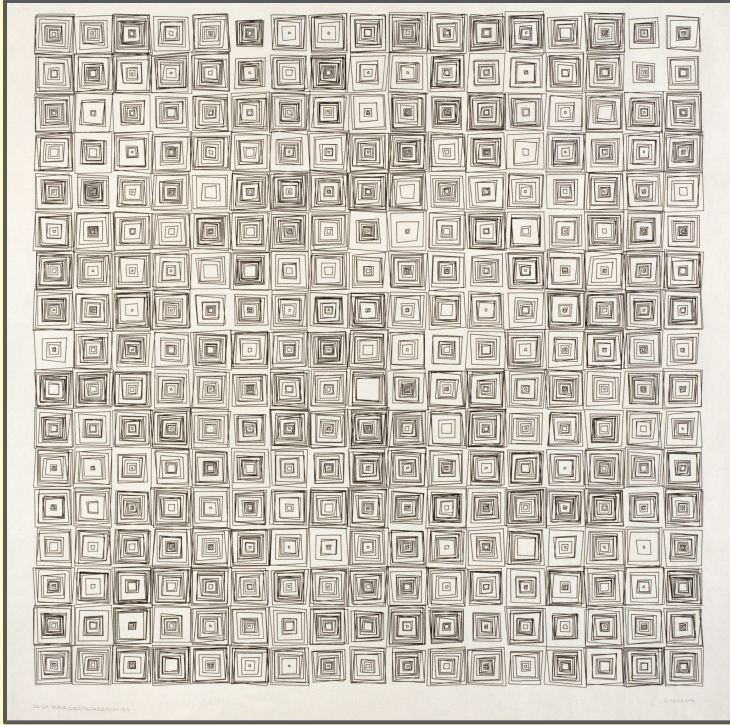
9 Evenings: Theatre and Engineering, 1966, New Jersey US



Cybernetic Serendipity, 1968, London UK

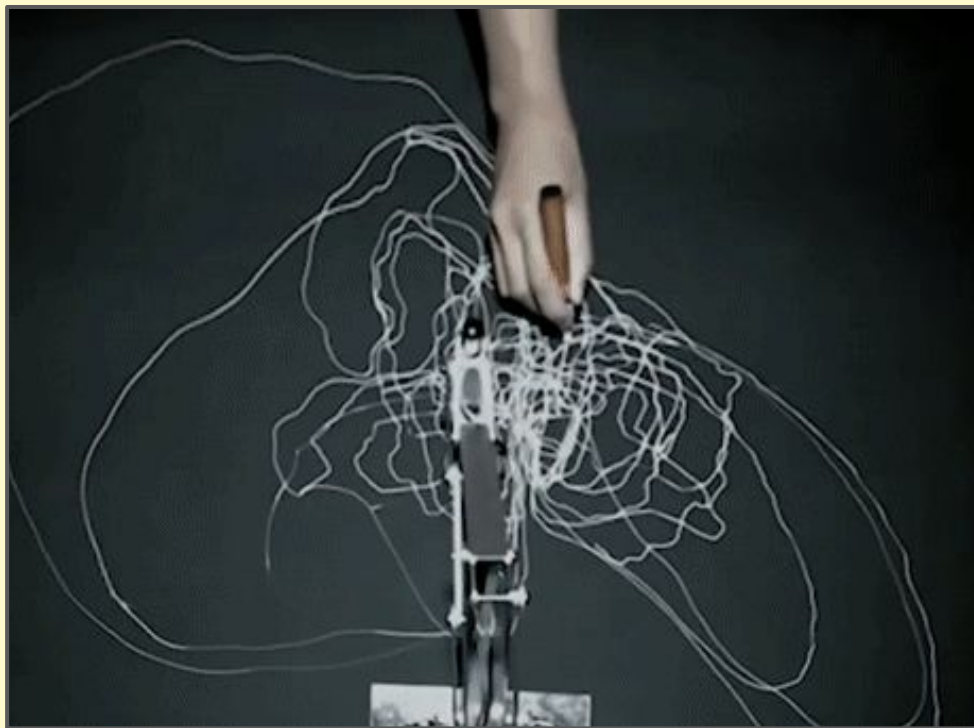
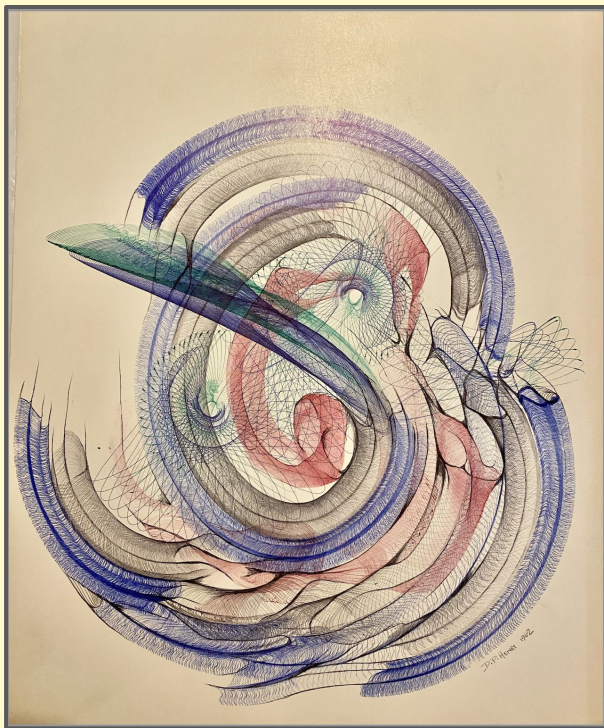


Algorithmic Patterns

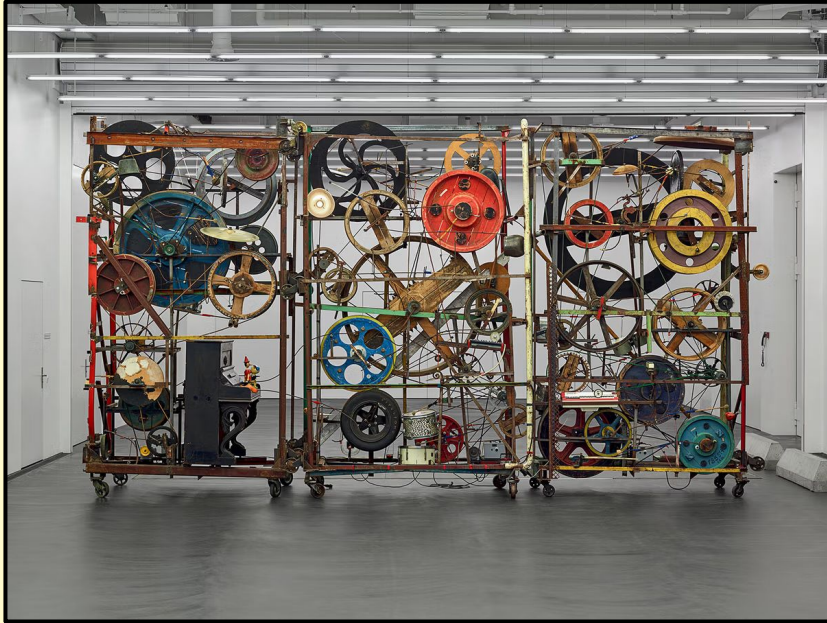


(Dés)Ordres, **Vera Molnár** , 1974 | Machine in Flux Wood, **Sunjoo Lee** , 2019-23

Creative Machines



Instructed Apparata



Méta-Mechanics, **Jean Tinguely** , 1960s | Can't Help Myself, **Sun Yuan & Peng Yu** , 2016

Augmented Interfaces

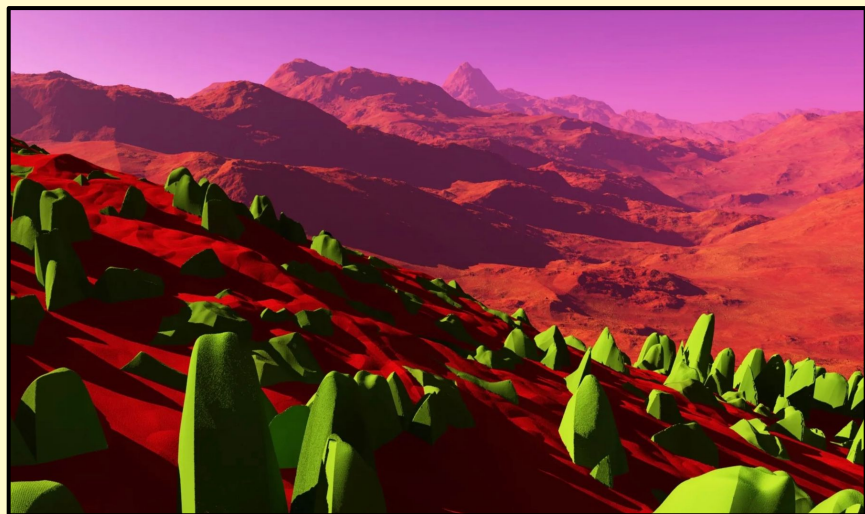


Embodied Experiences

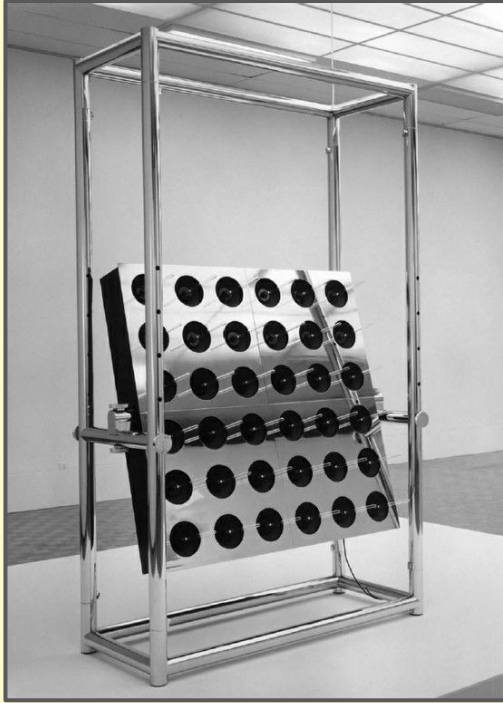


Beijing Accelerator, **Marnix de Nijs** , 2006 | Pneuma, **Marlot Meyer** , 2025

Digital Worlds

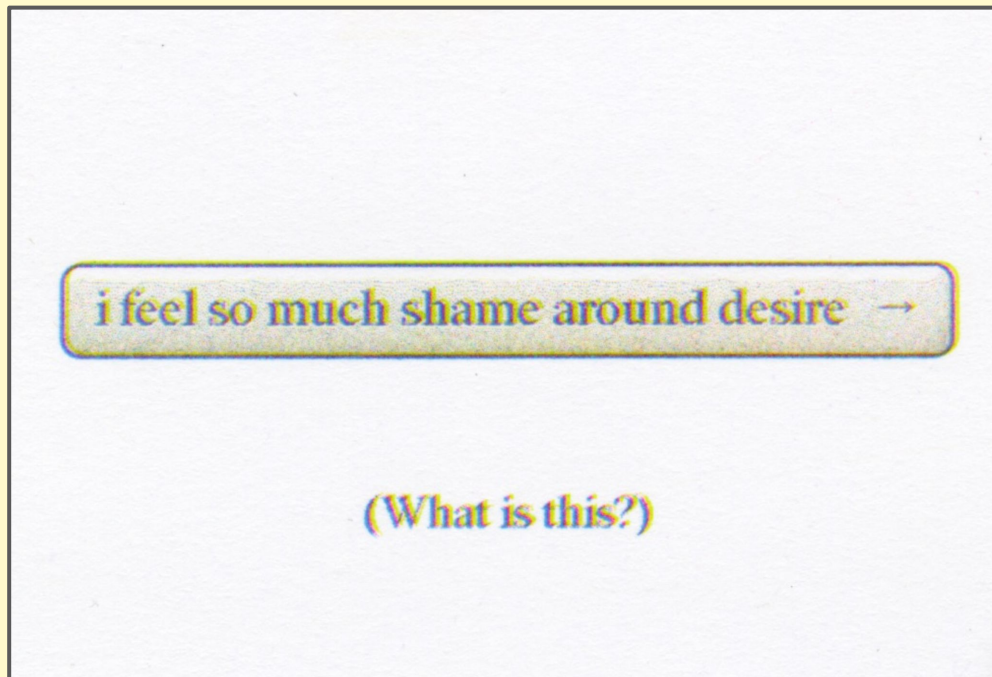
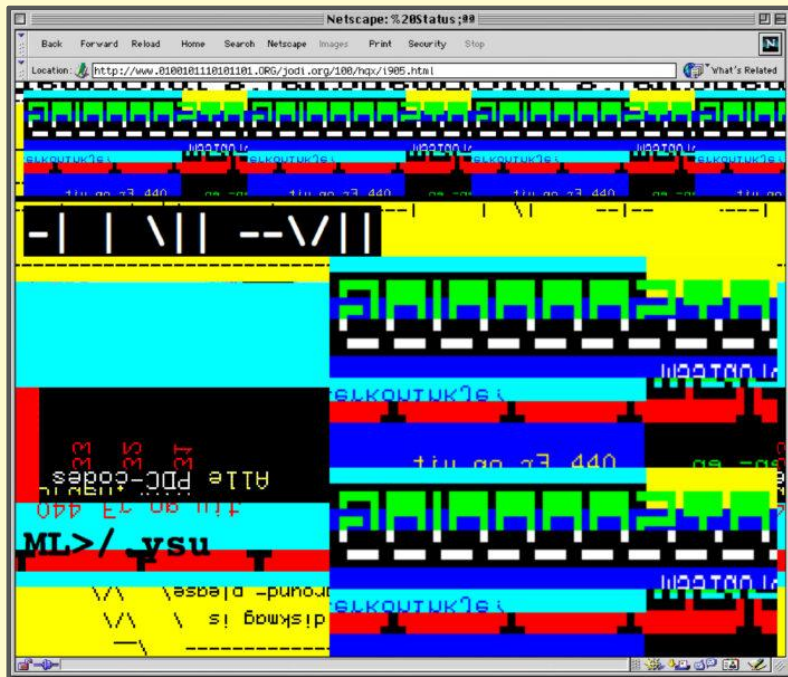


Electronic Sounds

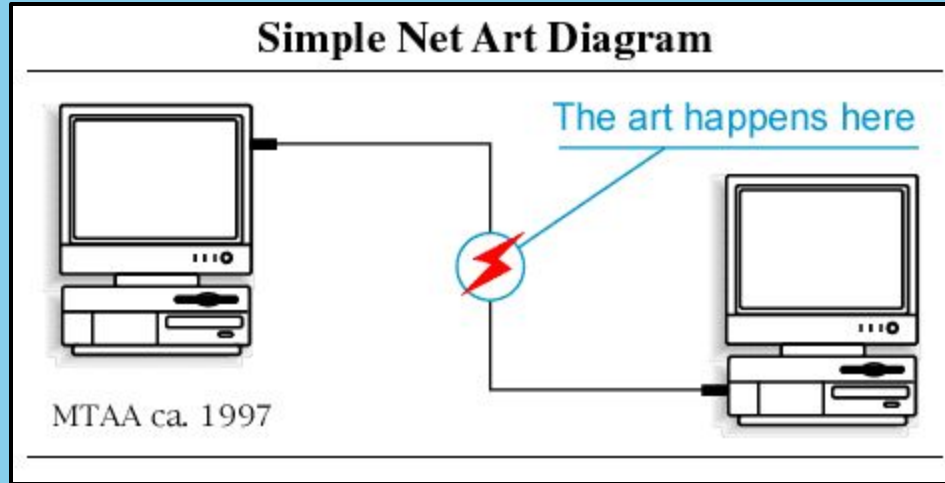


Ideophone I, **Dick Raaijmakers** , 1970 | Matrix, **Ryoji Ikeda** , 2009

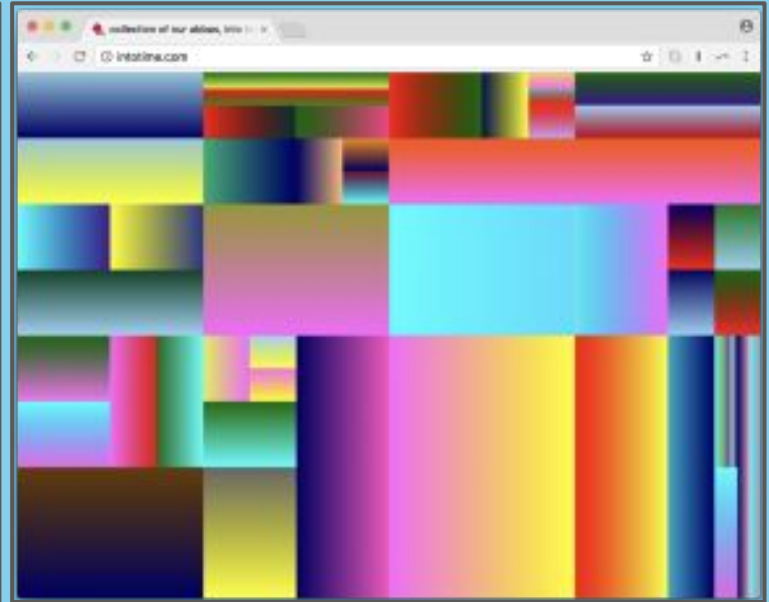
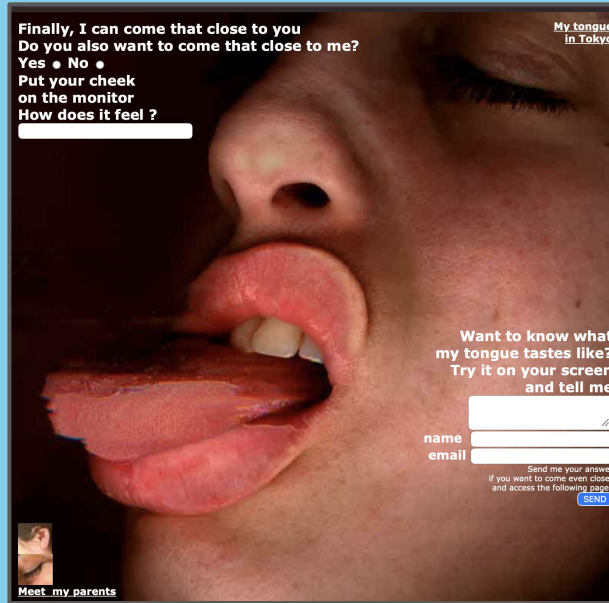
Browser Poetry



Net Art



Net Art → Browser Aesthetics

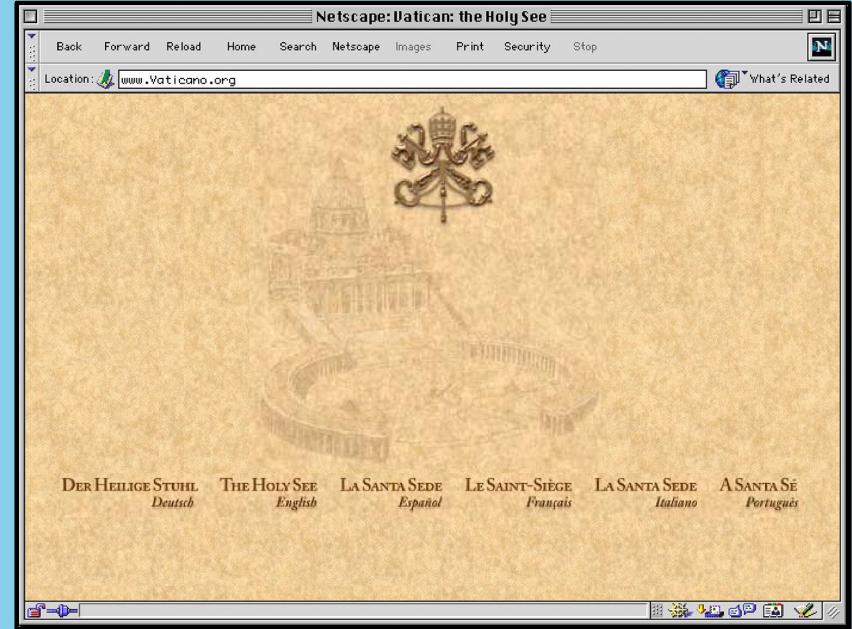


My boyfriend came back from the war, **Olia Lialina** , 1996 |
Mouchette, **Martine Neddham** , 1996 | intotime.com, **Rafael Rozendaal** , 2010

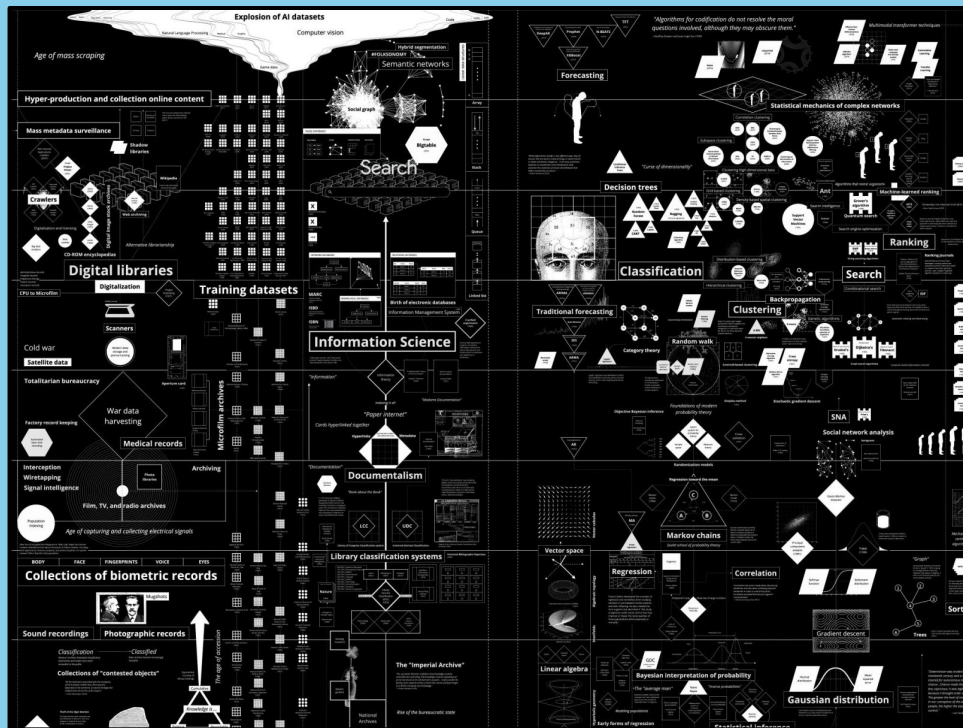
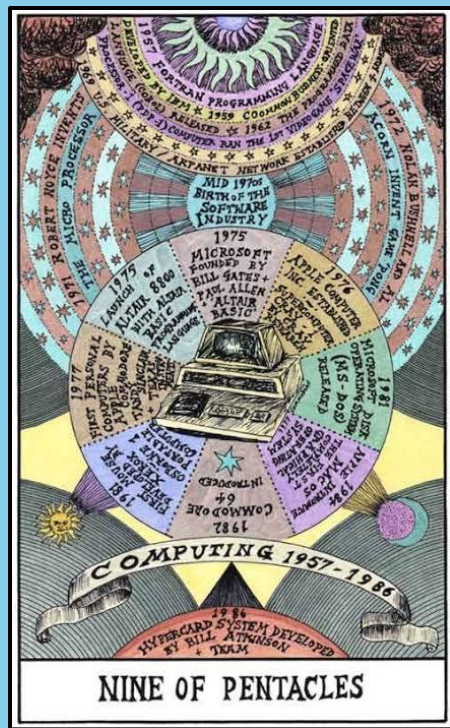
Net Art → Cyberfeminism



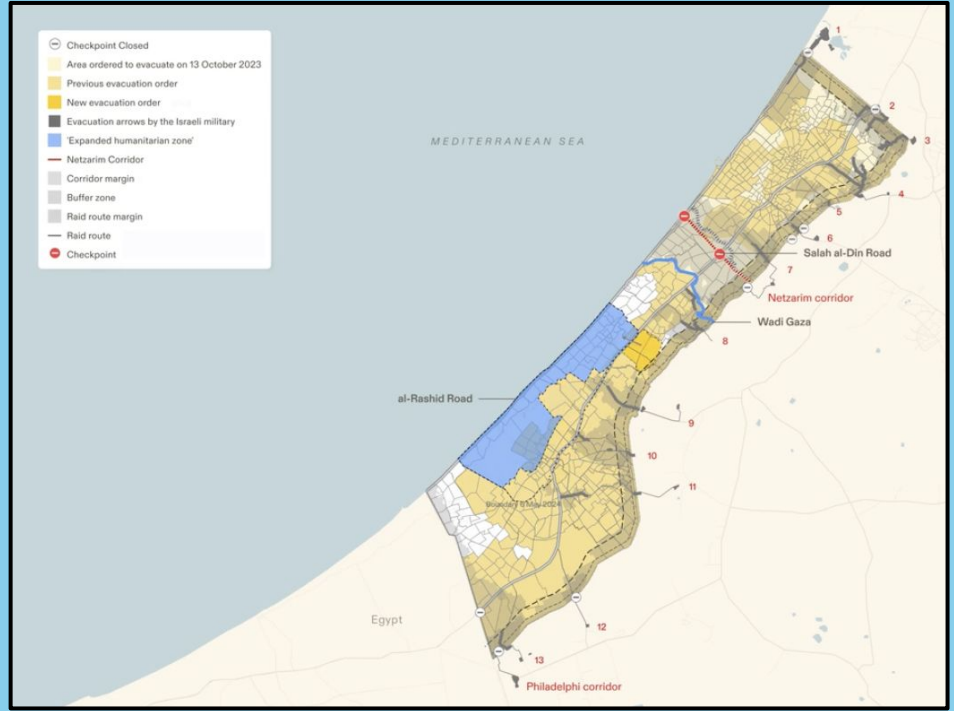
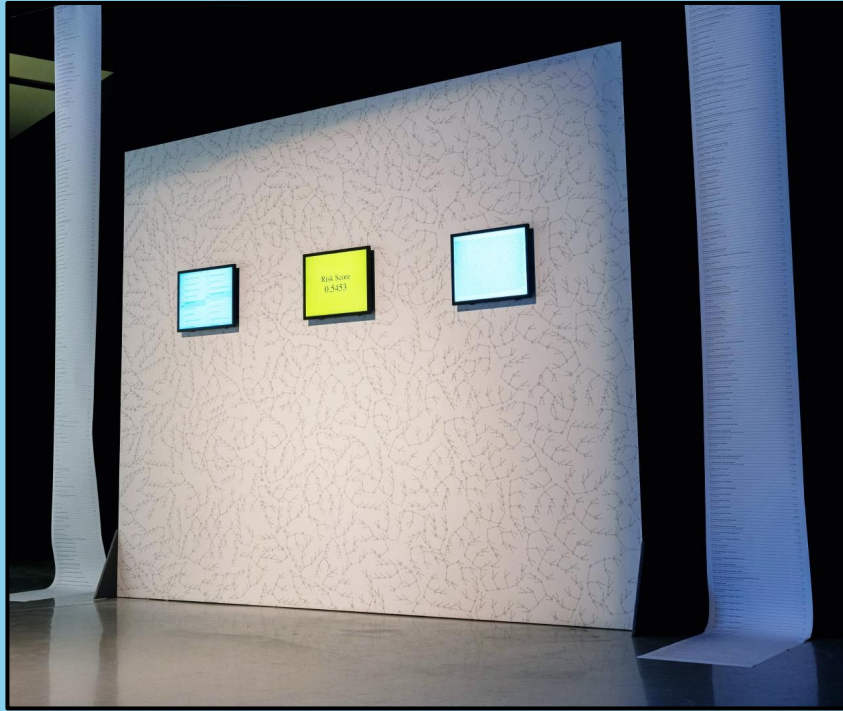
Net Art → Hacking Networks



Net Art → Mapping the Internet Infrastructure



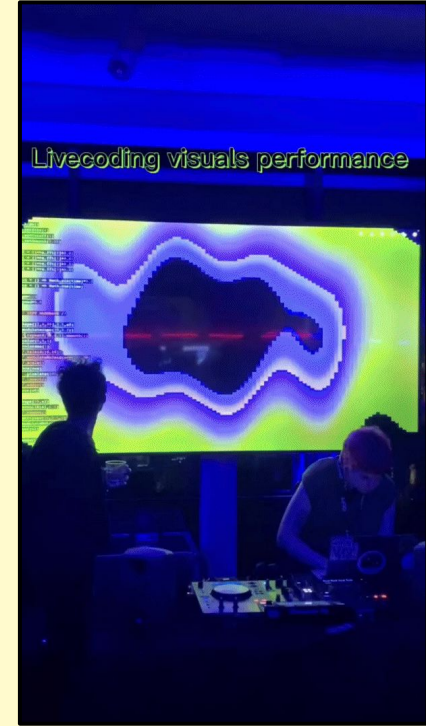
Net Art → Mapping Systemic Techno-Violence



Demoscene



Live Coding



Subassemblies, **Ryoichi Kurokawa** , 2019 | Live Coding Meetup in V2_Lab, **Niki Schijen** , 2025

Participatory Internet



Telegarden, **Ken Goldberg** , 1995-2004

Crowdsourcing

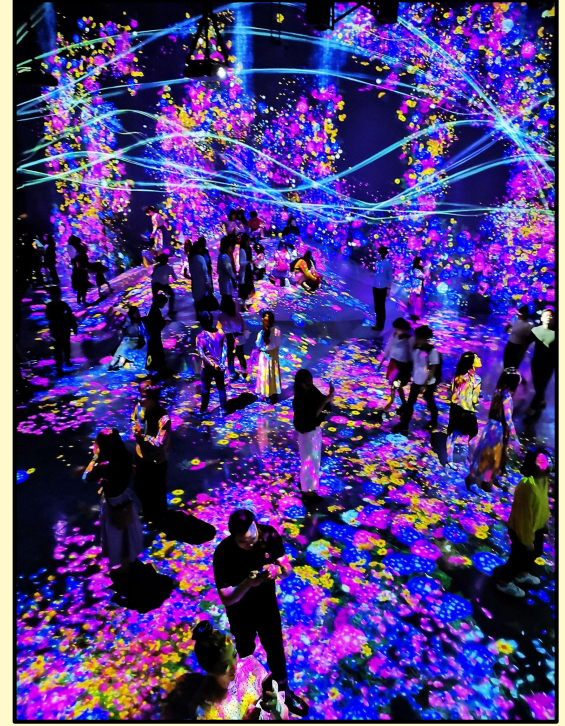
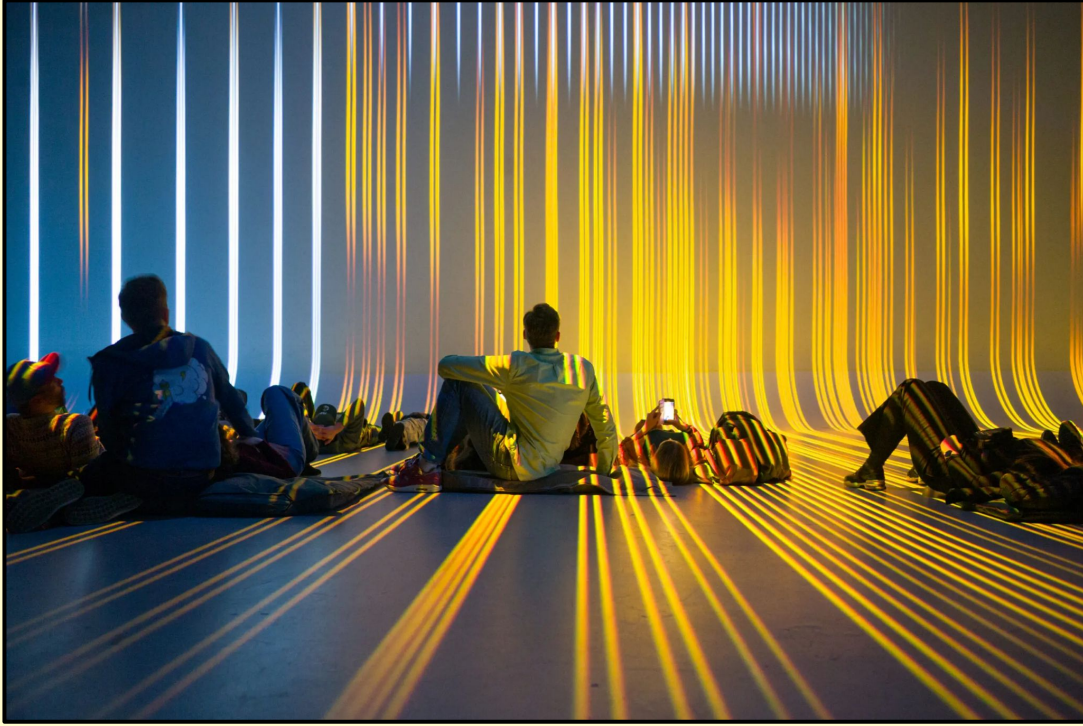


Computer Vision / Capture

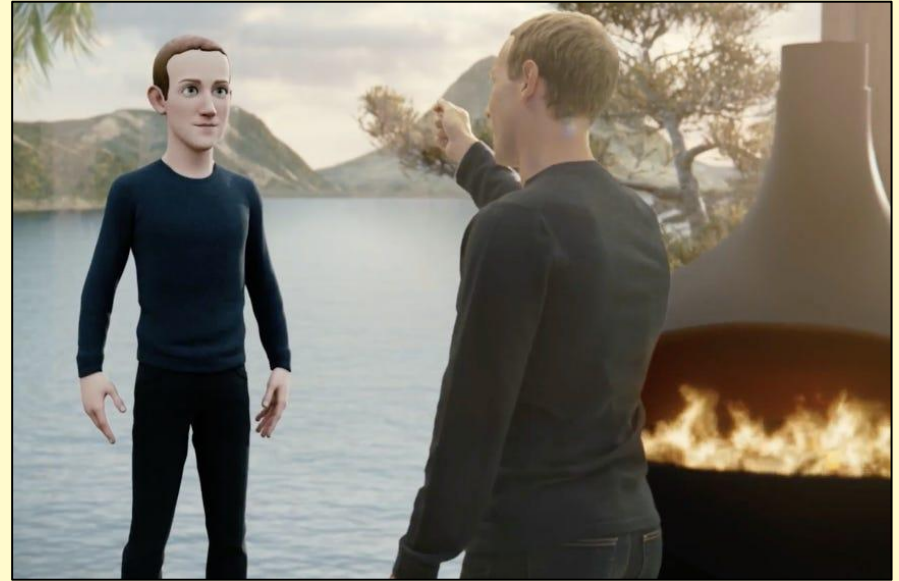


Boundary Functions, **Scott Snibbe** , 1998 | Capture, **Paolo Cirio** , 2020

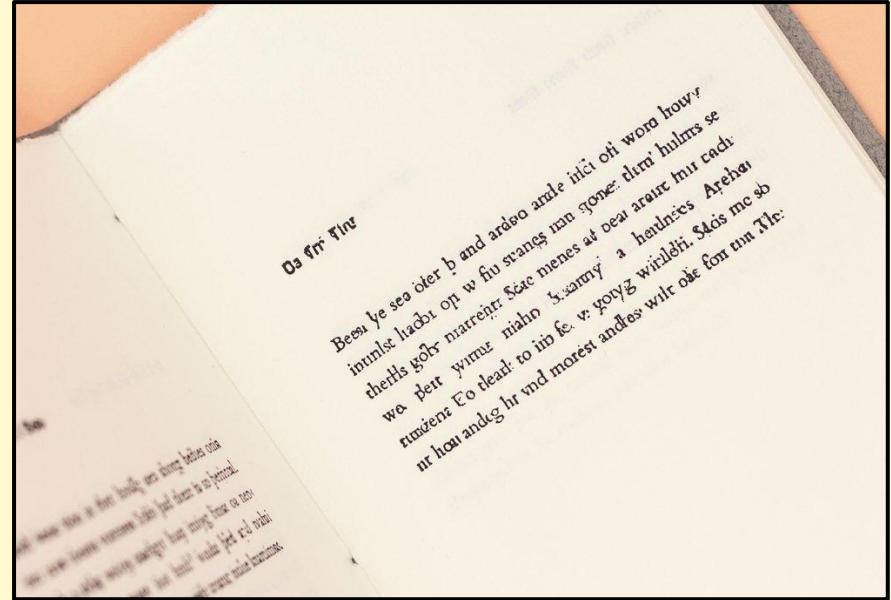
High-tech Art



Metaverse



Poetic Databases



Melting Realities

your

project

here

what is the next **aesthetic investigation** for creative coding?

is AI art... art?

is AI code... creative code?

why learn to code when there's AI?