

# Generative Art

## Random, Noise & Loop

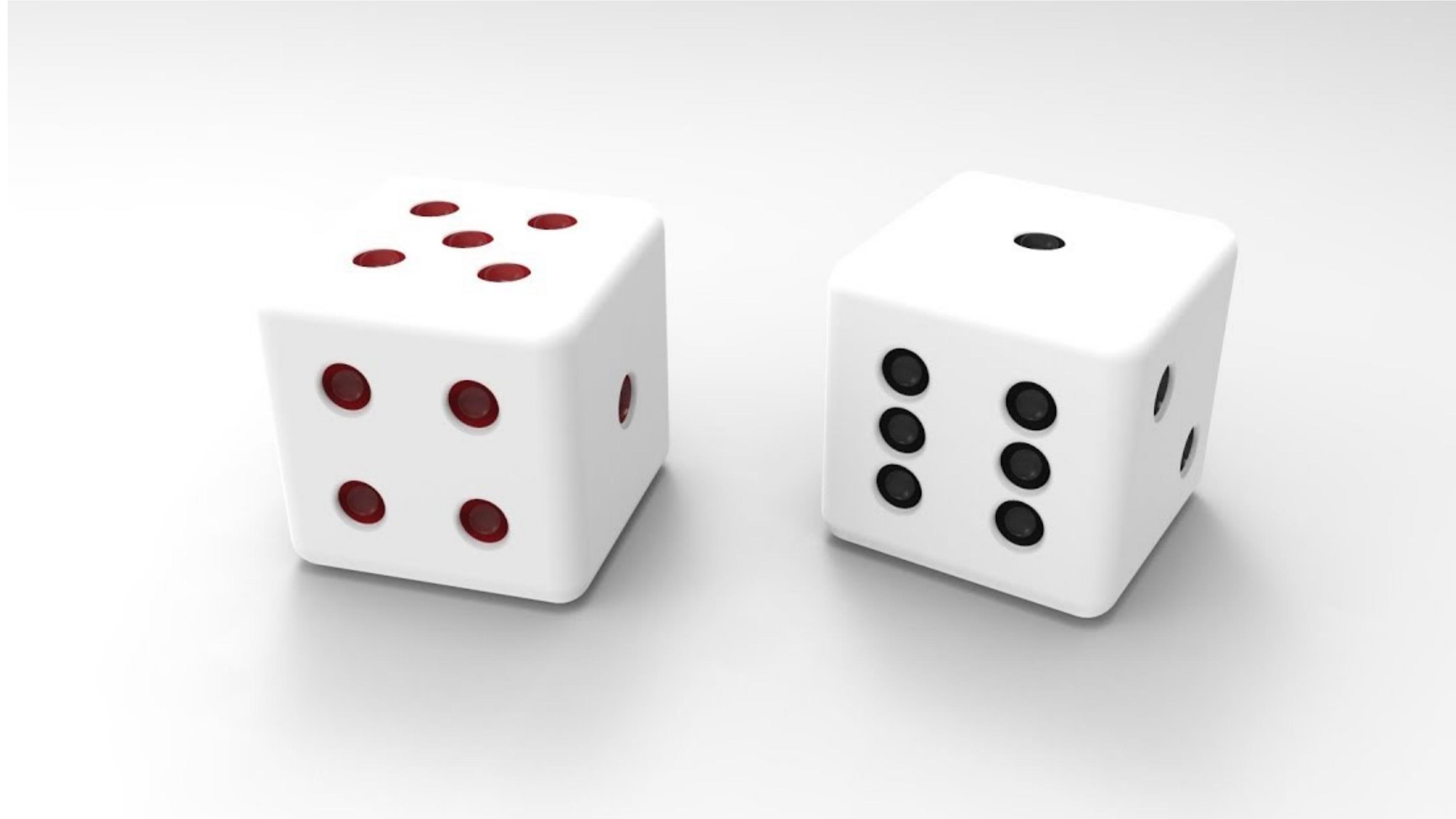
Gwangyu Lee

# What is Generative Art?

**“Generative art refers to any art practice  
where the artist uses a system”**

**Philip Galanter, artist and professor at Texas A&M University**

# Tool vs System



Original Masters Series · Brian Eno · Discreet Music

EMI  
50999 6 84532 2 0

**DISCREET MUSIC**

Recorded at Brian Eno's studio 9.5.75

**THREE VARIATIONS ON THE CANON  
IN D MAJOR BY JOHANN PACHELBEL**

- (i) Fullness Of Wind (9:57)
- (ii) French Catalogues (5:18)
- (iii) Brutal Ardour (8:17)

A standard barcode is shown above a series of numbers: 5 0 9 9 9 6 8 4 5 3 2 2 0. To the right of the barcode, the text "UK: ENOCDX 5" is printed, followed by smaller text: "Place of manufacture as stated on label", "Marketed and distributed by EMI", and "Printed in the EU".

**Operational diagram for Discreet Music**

The black line indicates the signal path

The diagram illustrates the signal flow for 'Discreet Music'. The process starts with a 'Synthesizer with digital recall system' (represented by a large rectangle). Its output goes to a 'graphic equalizer' (a smaller rectangle), which then feeds into an 'echo unit' (another small rectangle). The signal from the echo unit enters a tape recorder assembly. This assembly consists of a 'record' section (containing a large 'R' symbol) and a 'playback' section (containing a spiral symbol). A 'delay line' is connected between the echo unit and the record section. A 'delay return' line connects the playback section back to the echo unit. The final output is 'output stored on master tape'. Additionally, a 'combined monitor output' is provided, which branches off from the signal before it reaches the tape recorder's record section.

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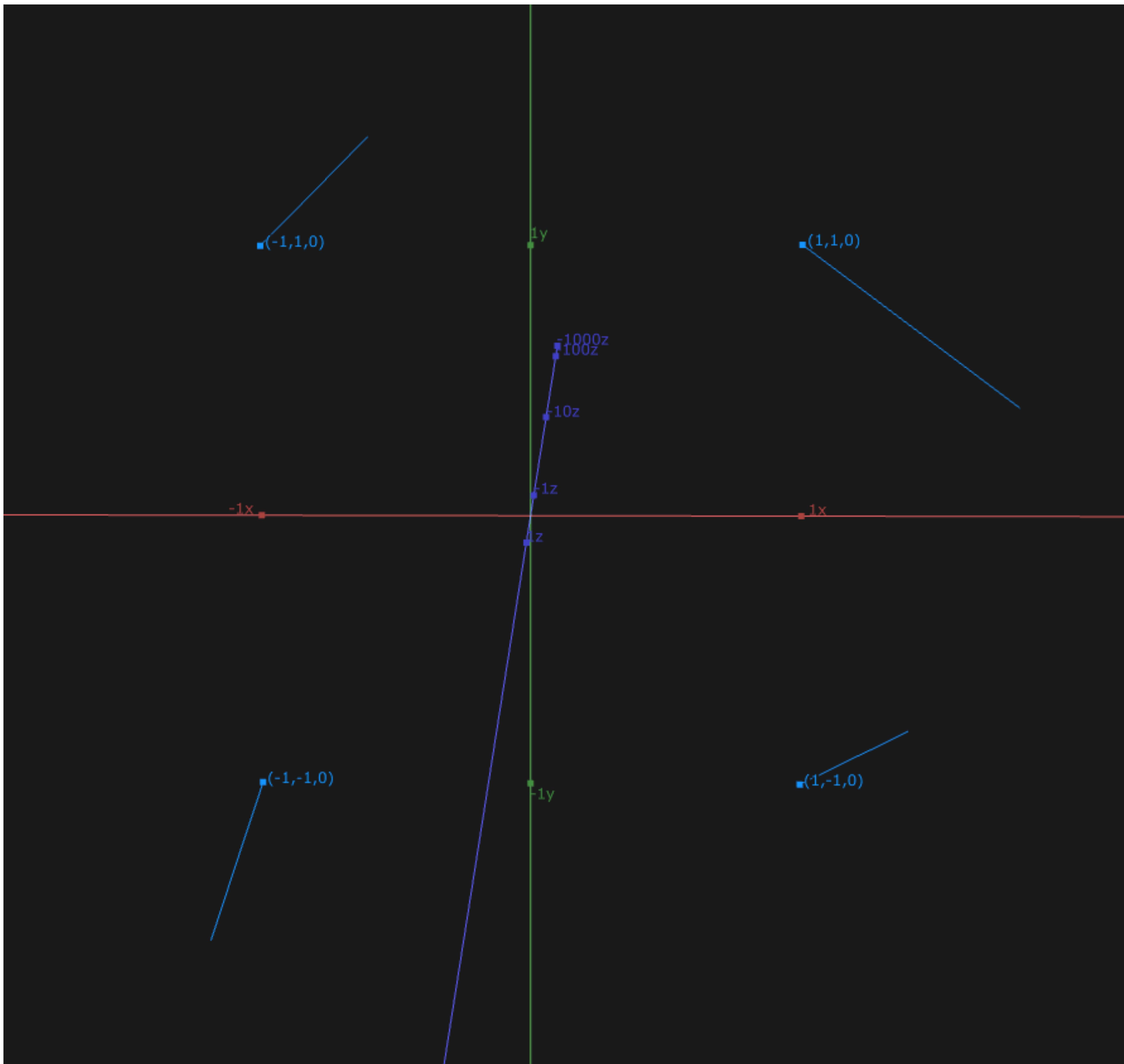
Three logos are displayed horizontally: 'Virgin Music' (with a stylized 'V'), 'ASTRALWERKS' (with a stylized 'A'), and 'DSD Direct Stream Digital'.

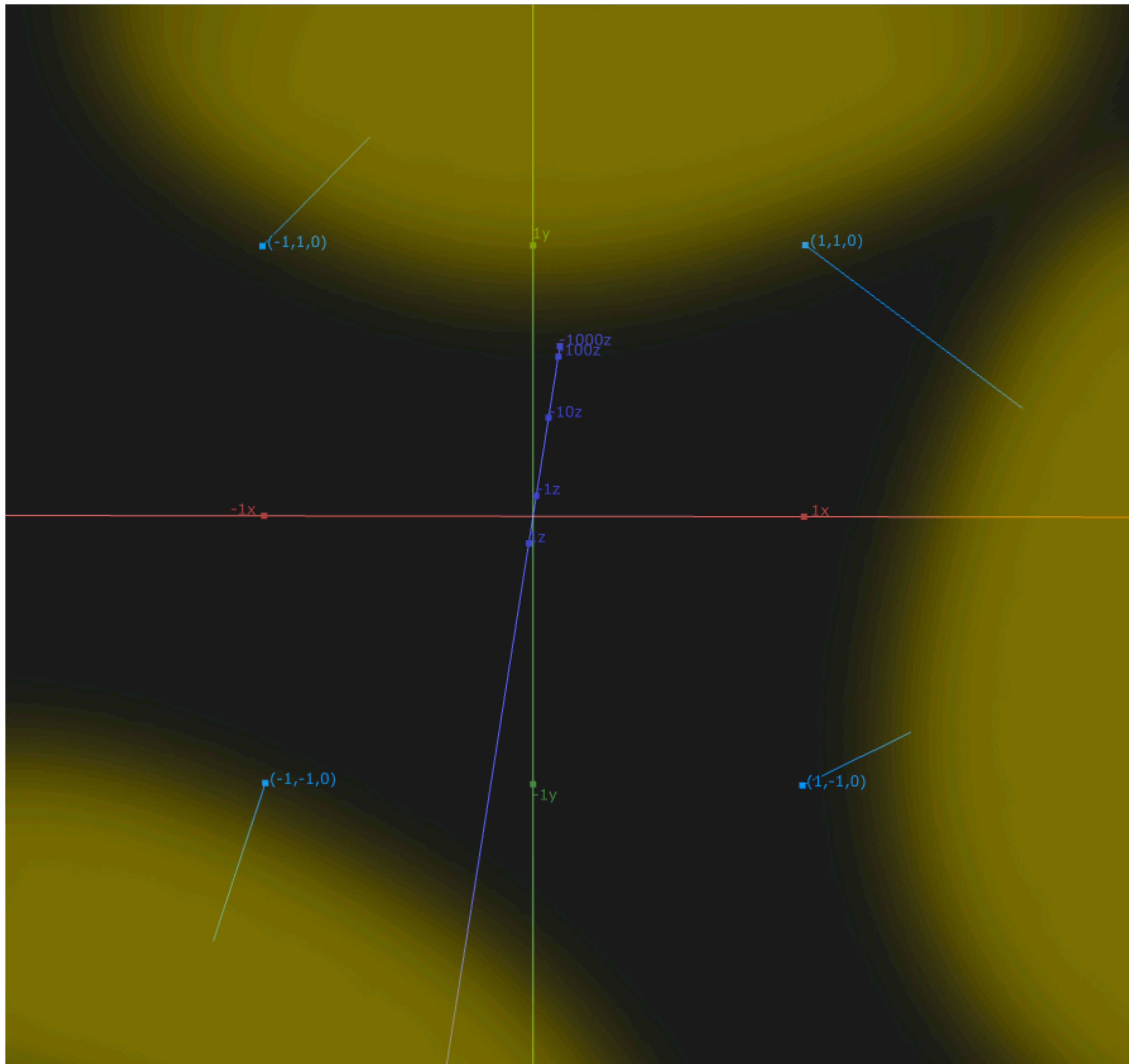
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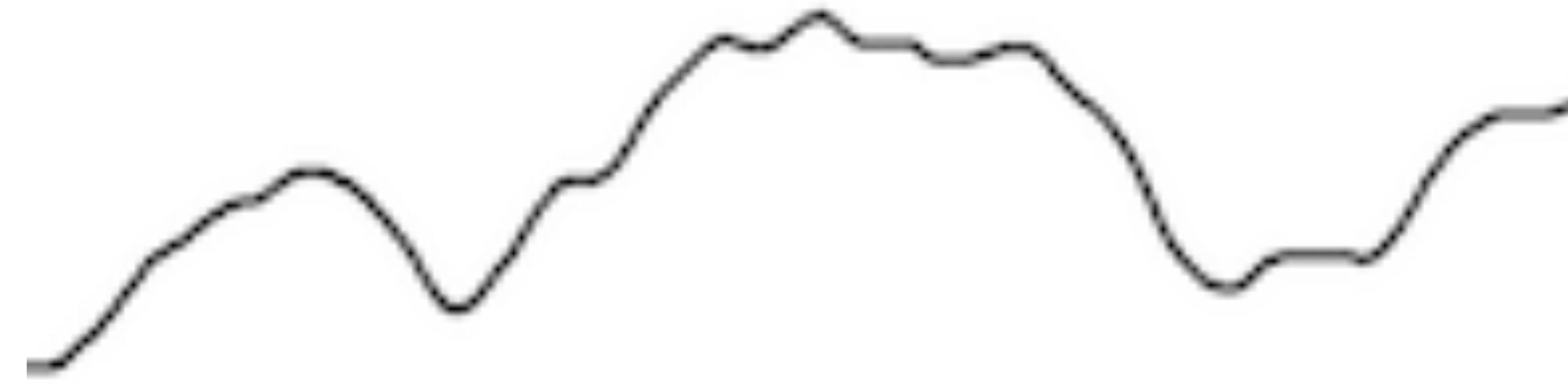
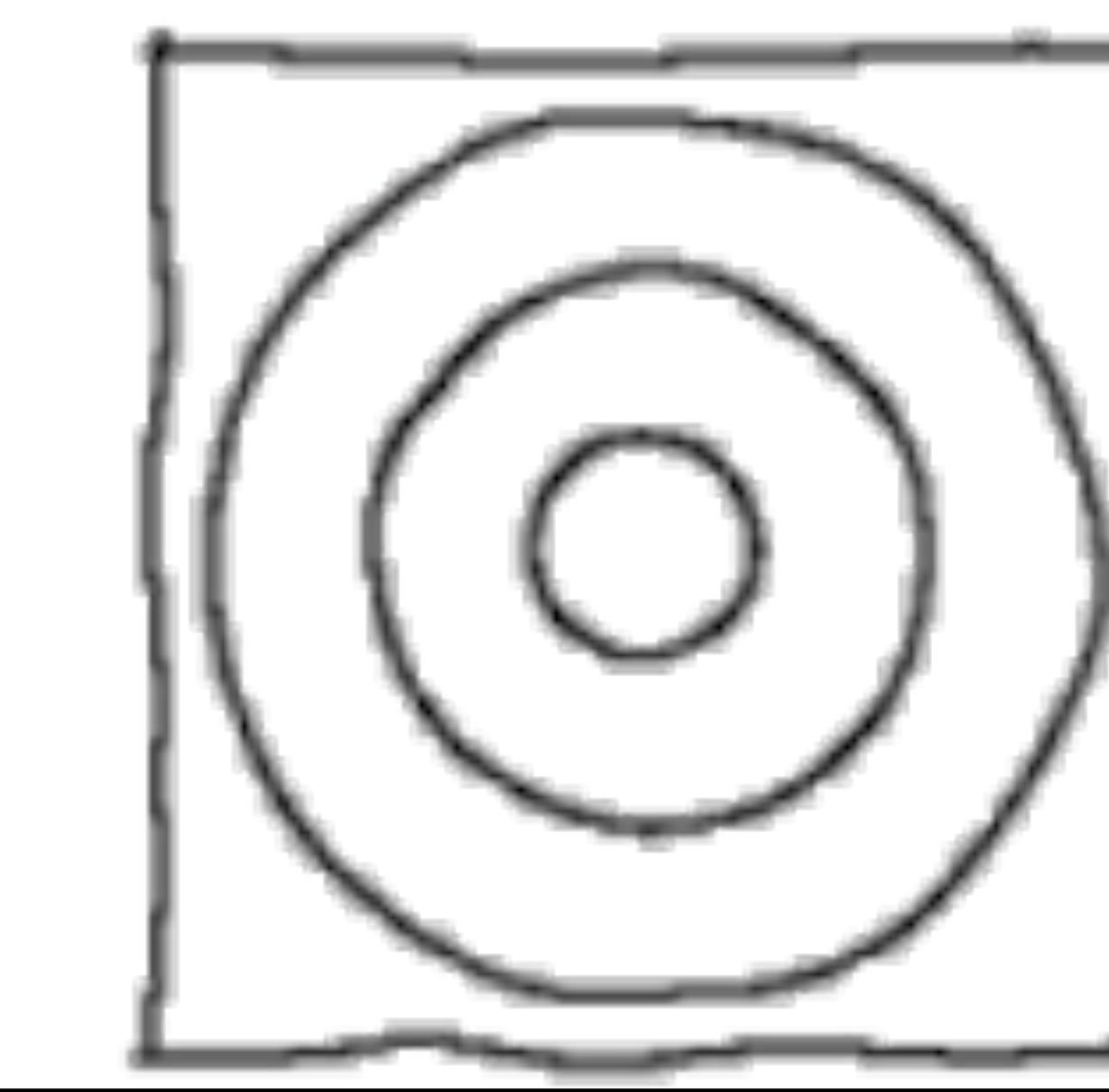
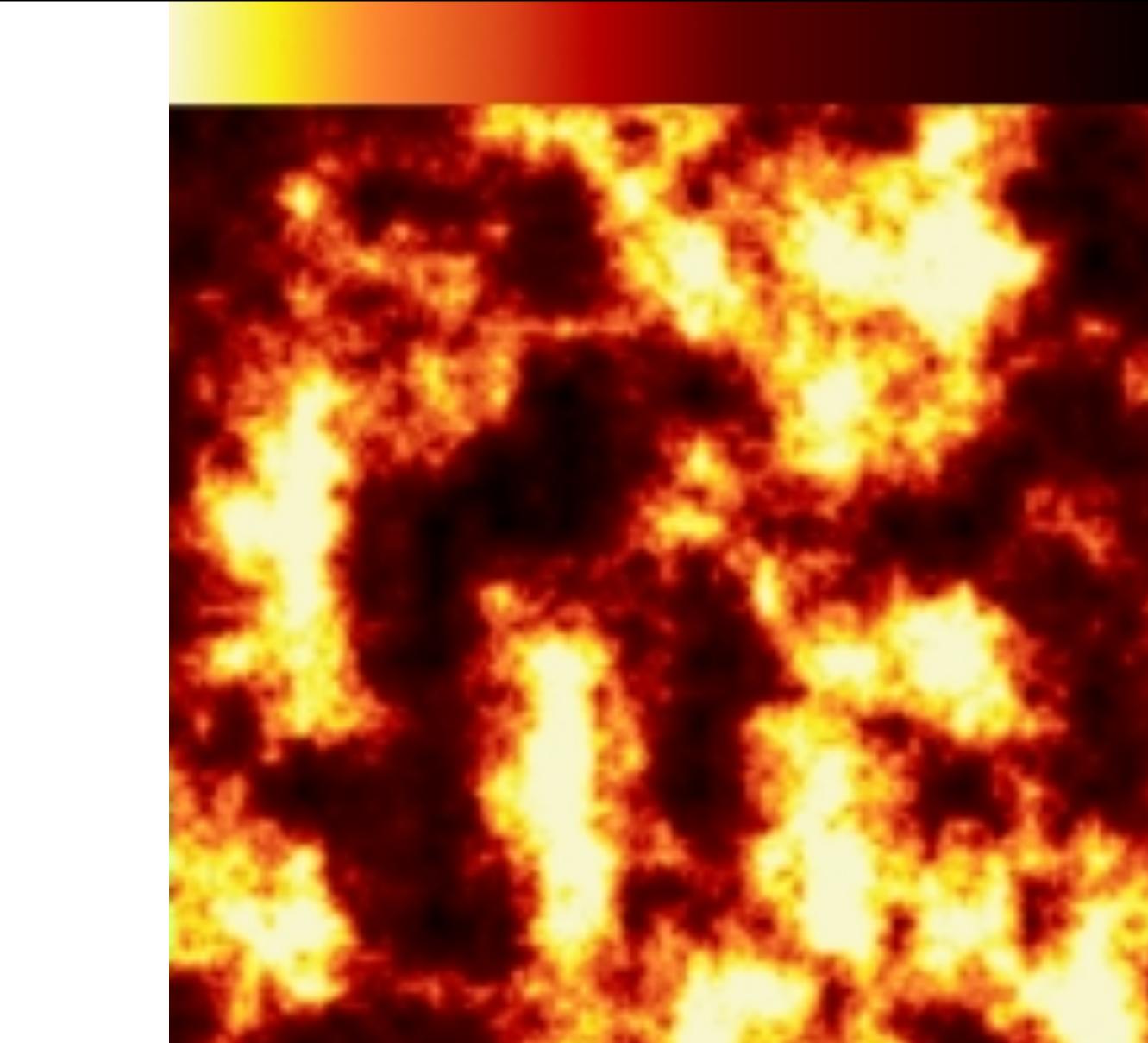
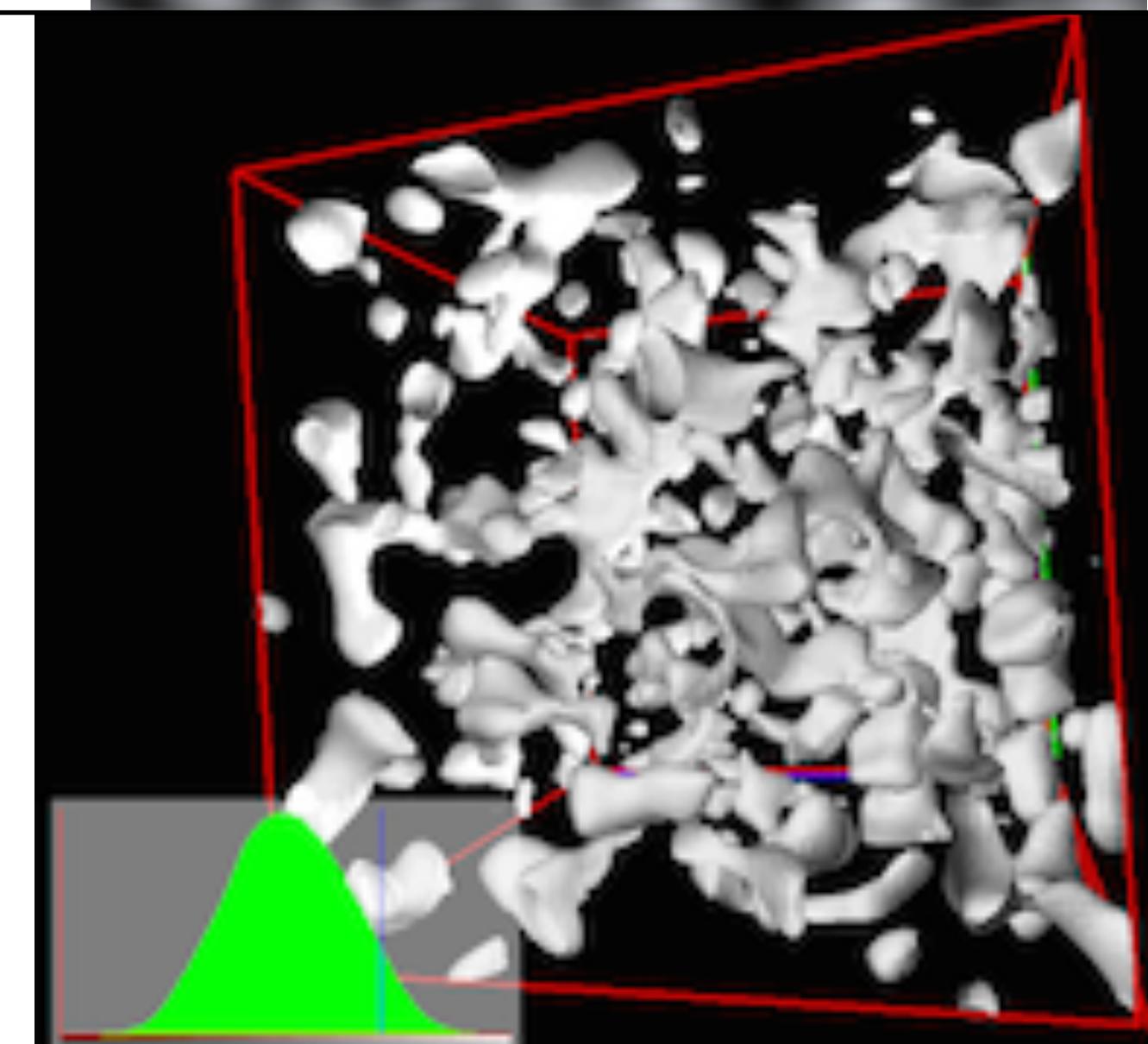
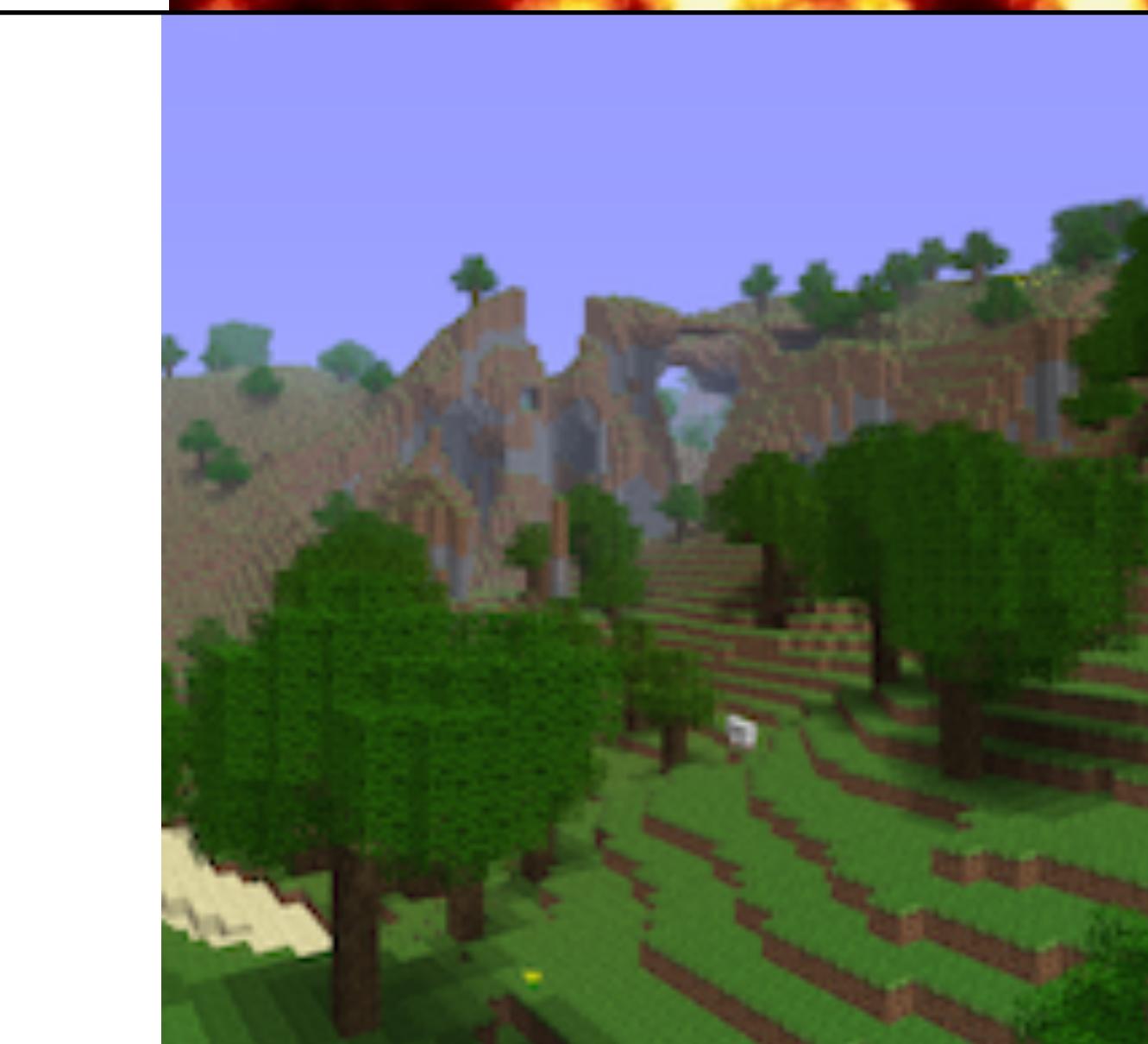
# Mid Square Method

Stage	Seed	Seed <sup>2</sup>	Output
1	42	1764	76
2	76	5776	77
3	77	5929	92
4	92	8464	46

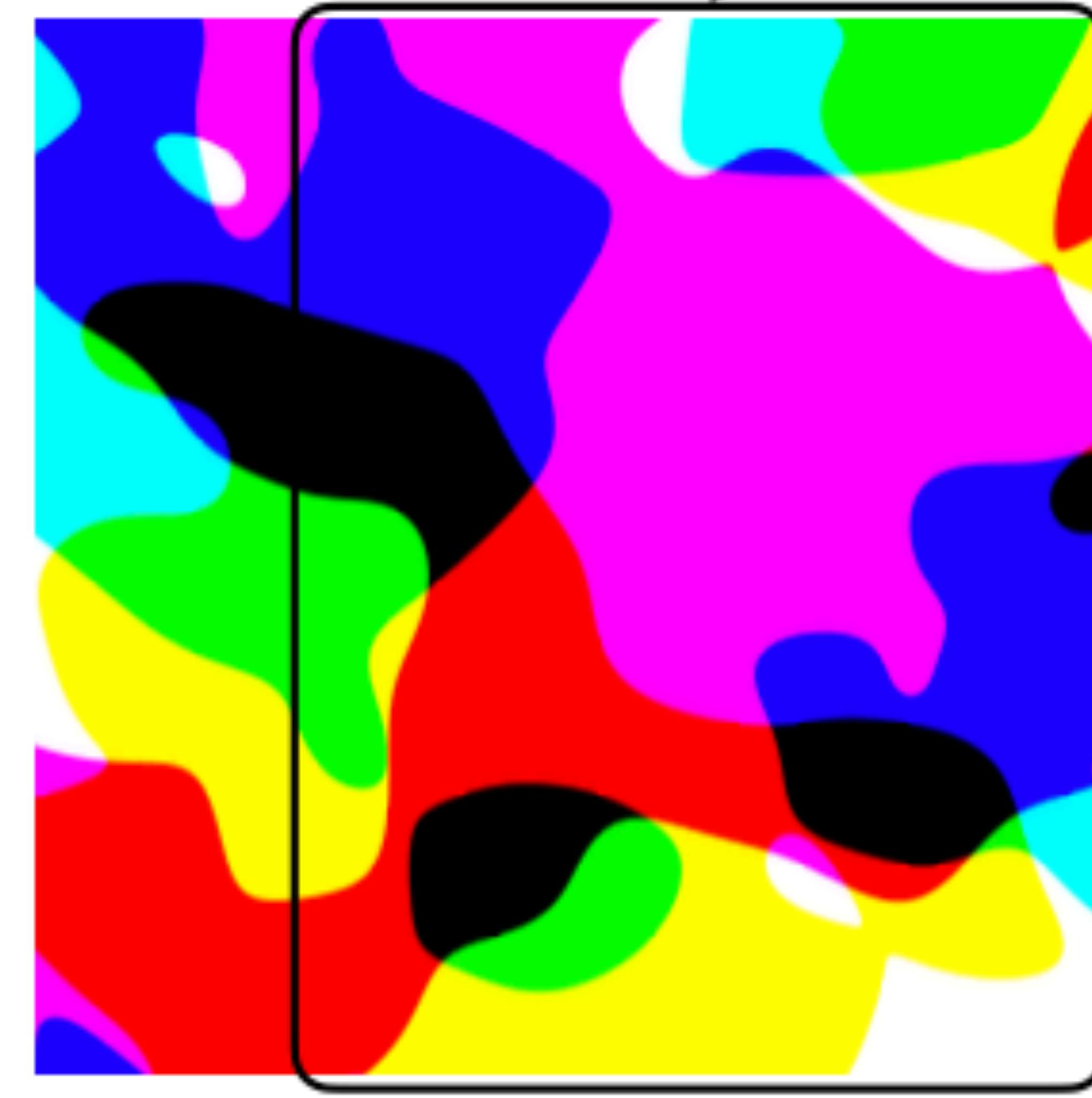
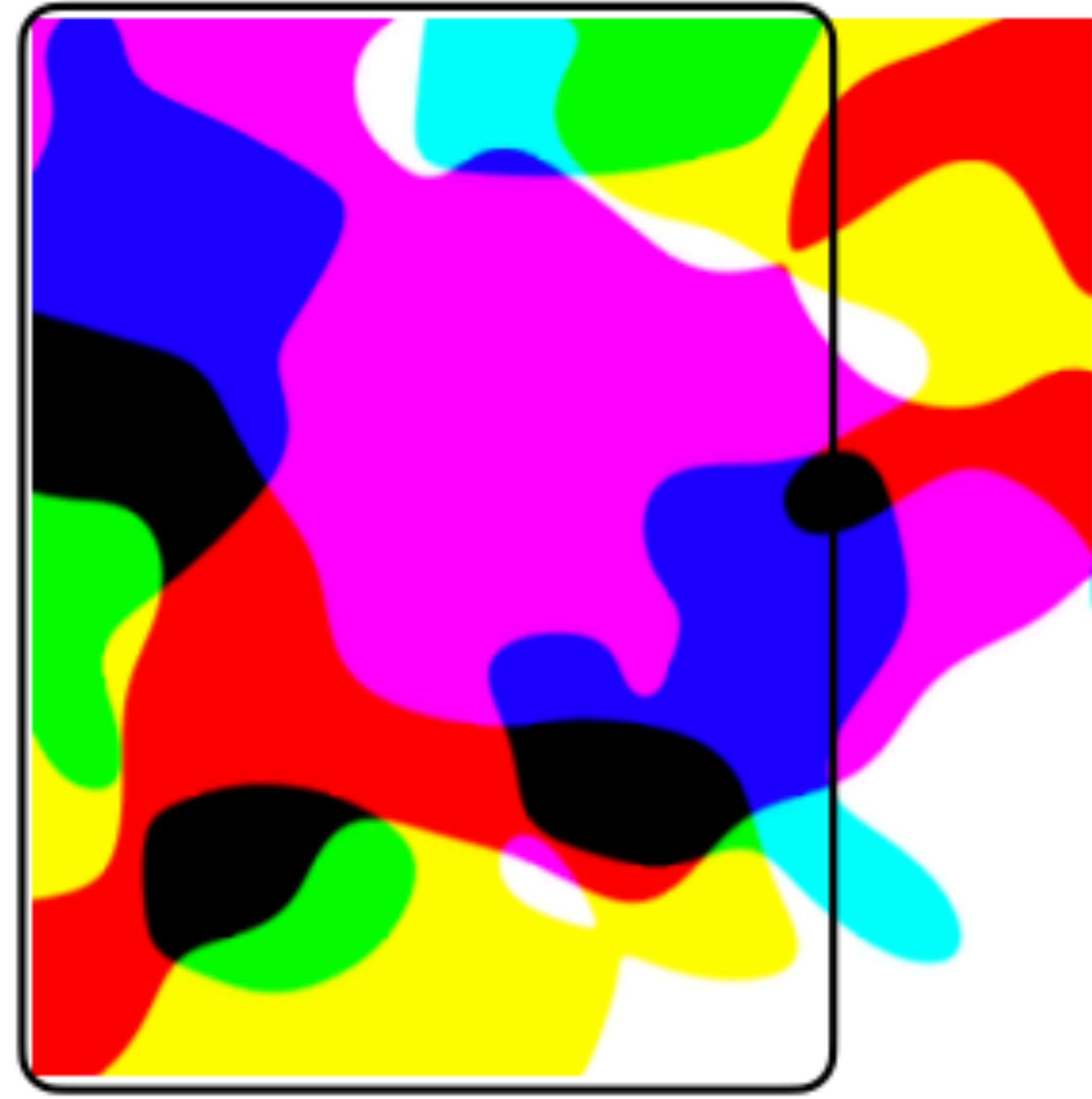




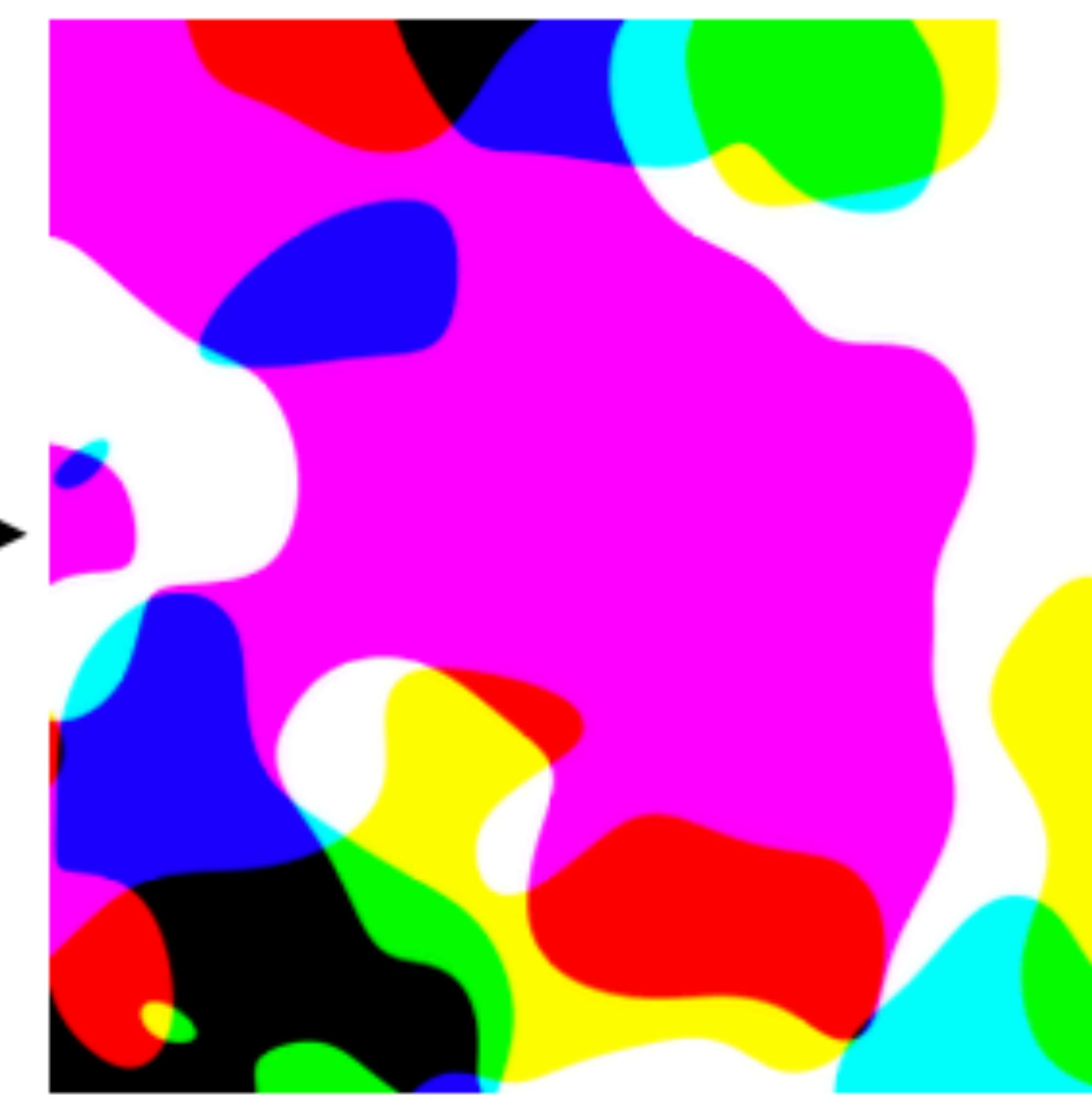
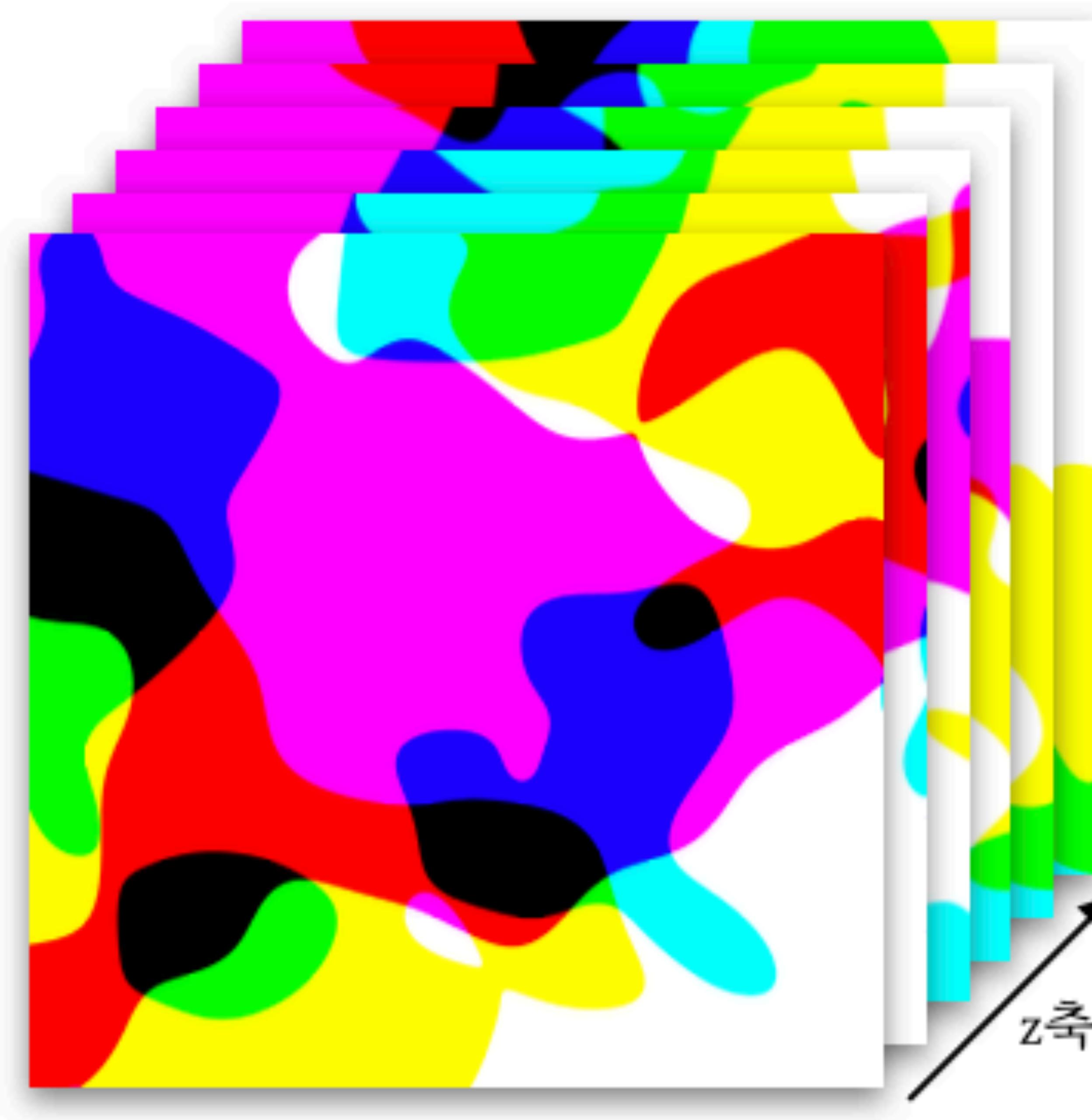


Dimension	Raw Noise	Use Case
1		
2		
3		

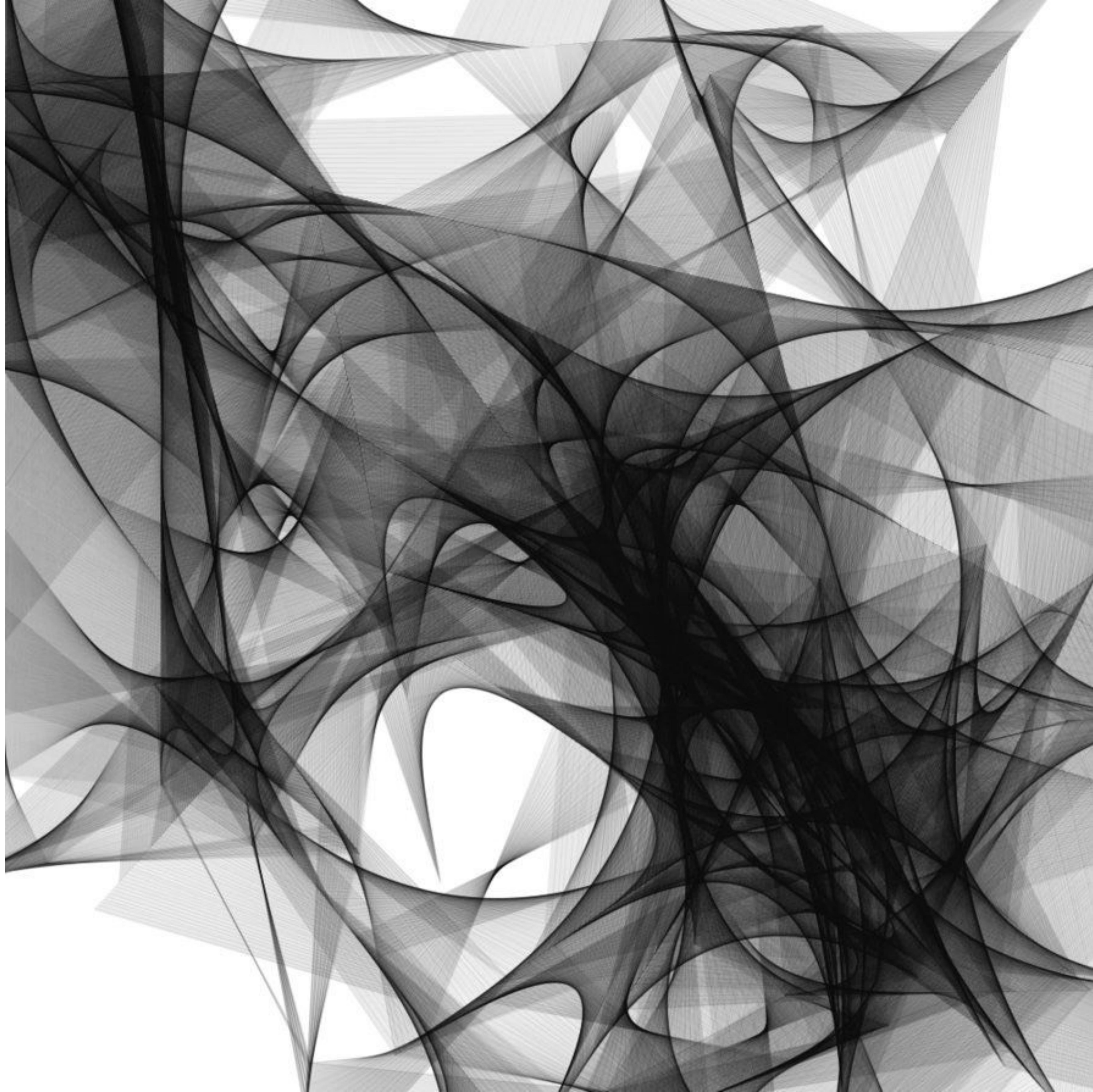
x축으로 이동



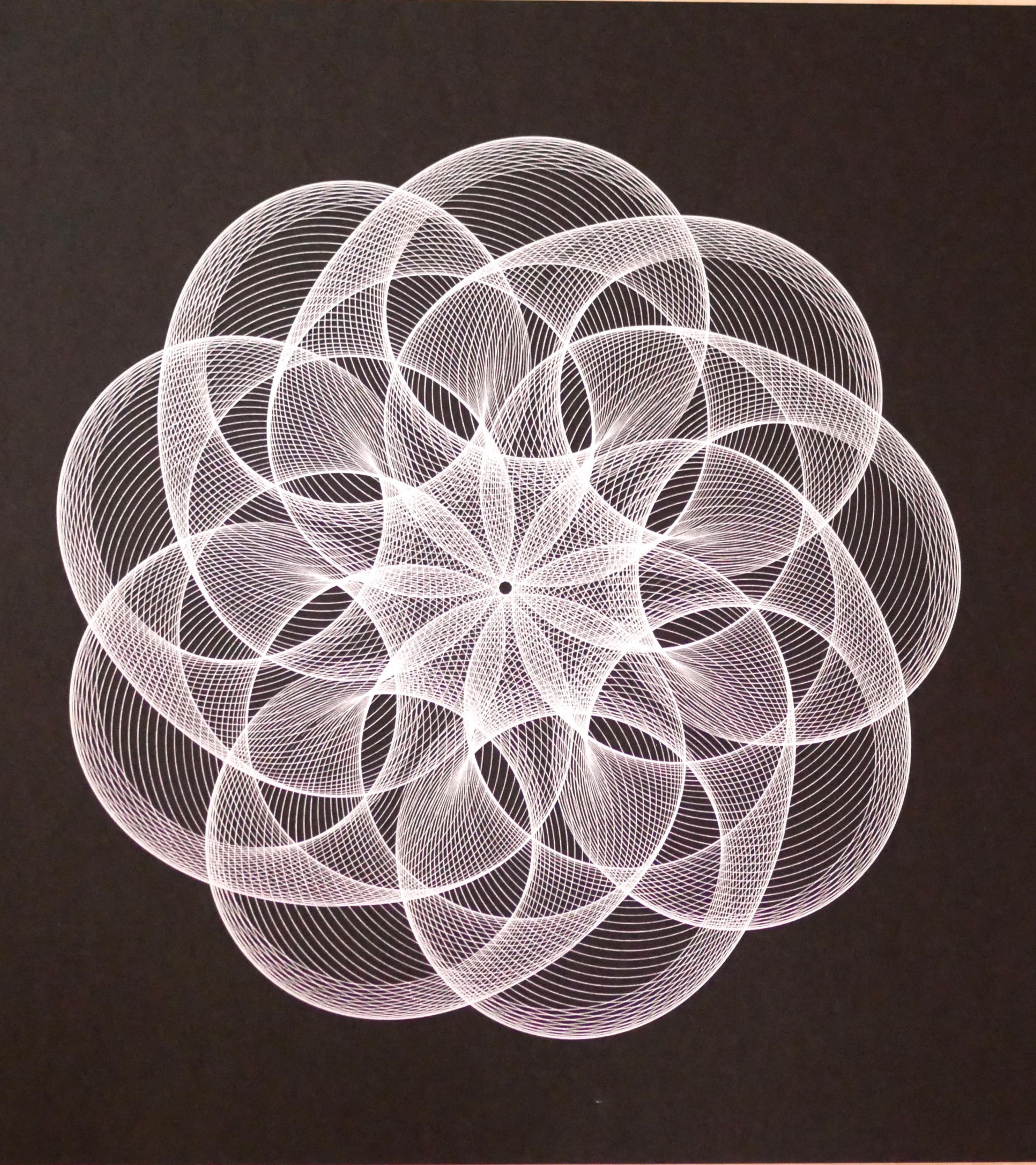
z축으로 이동

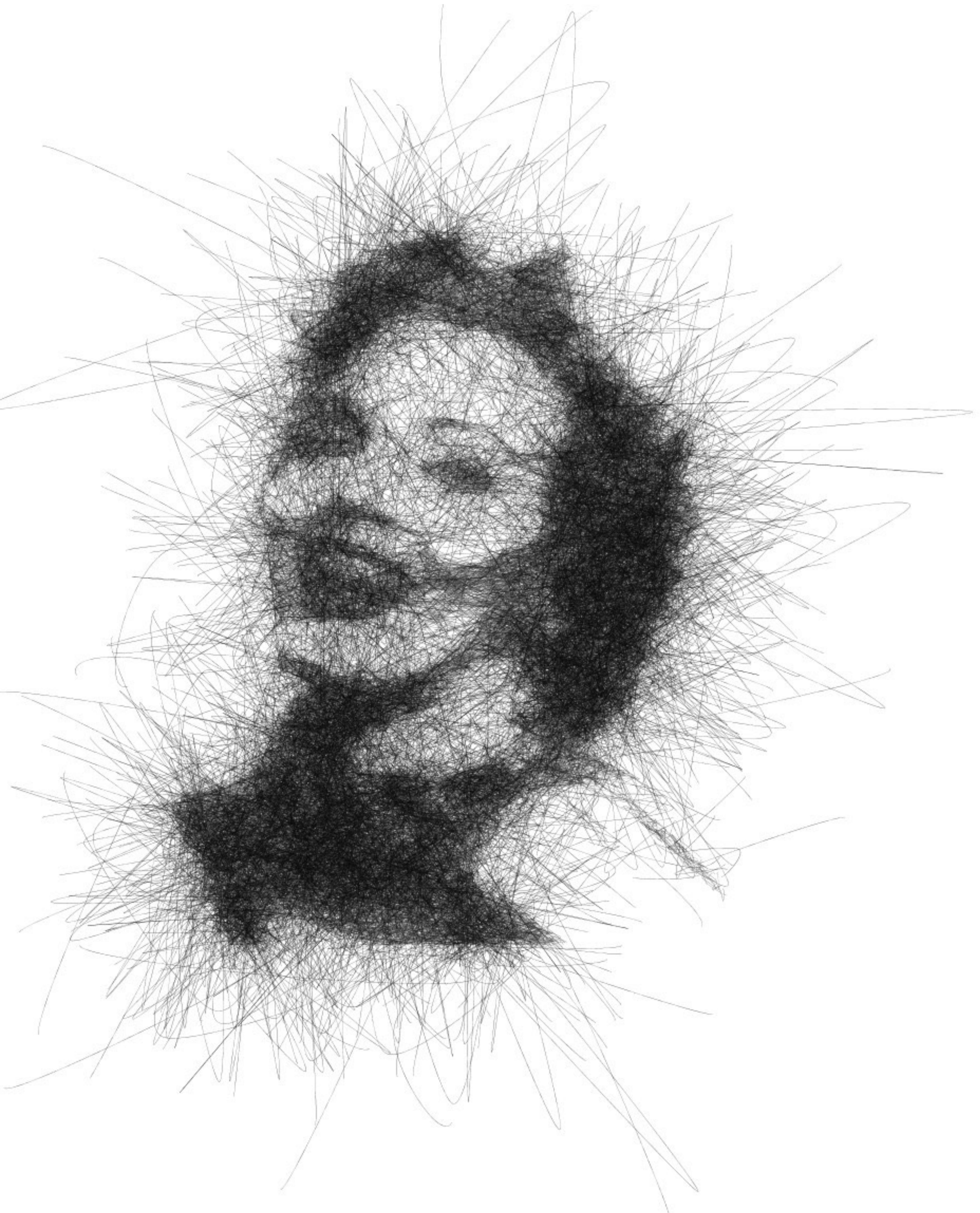
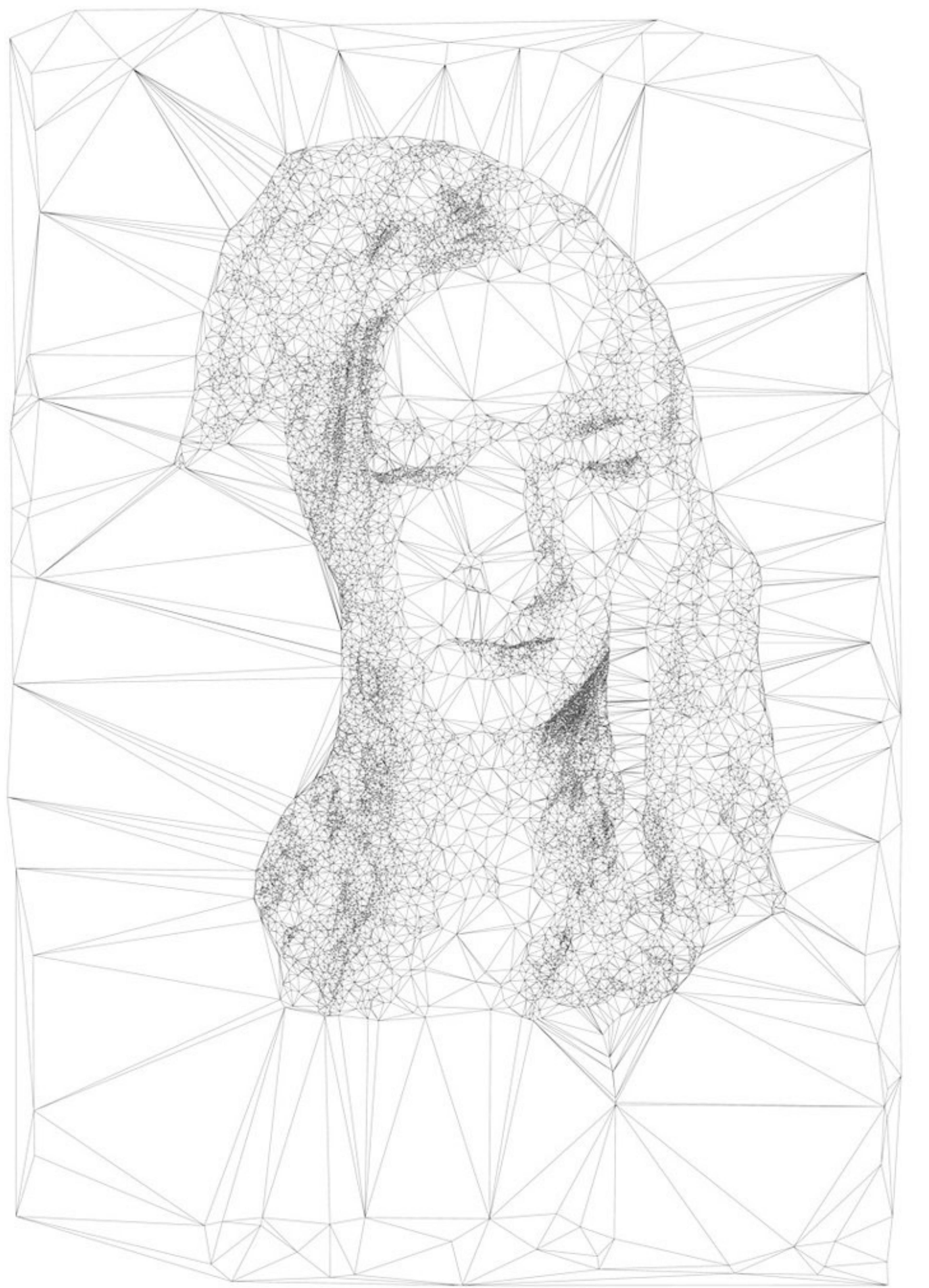


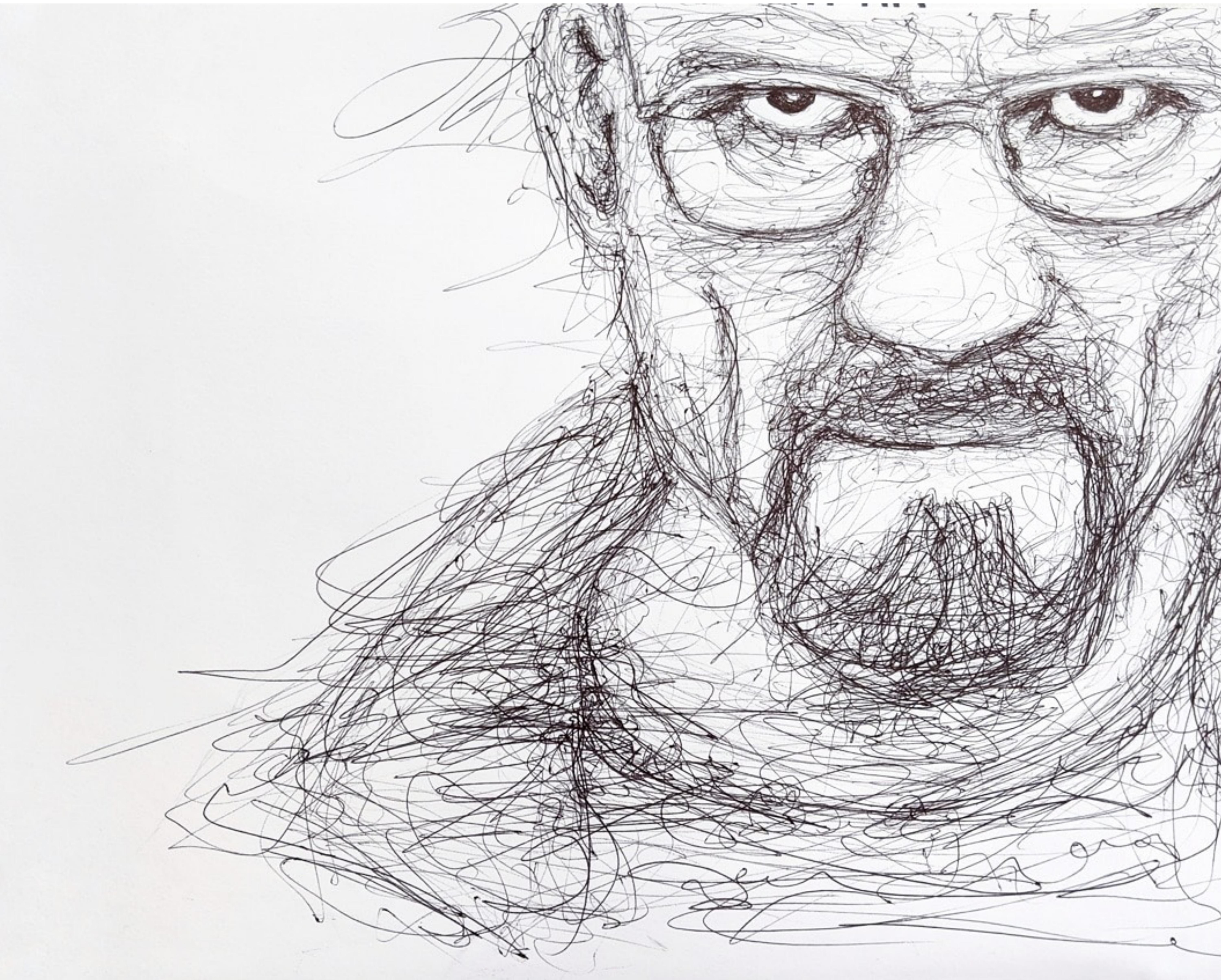












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