

Generative Art

Random, Noise & Loop

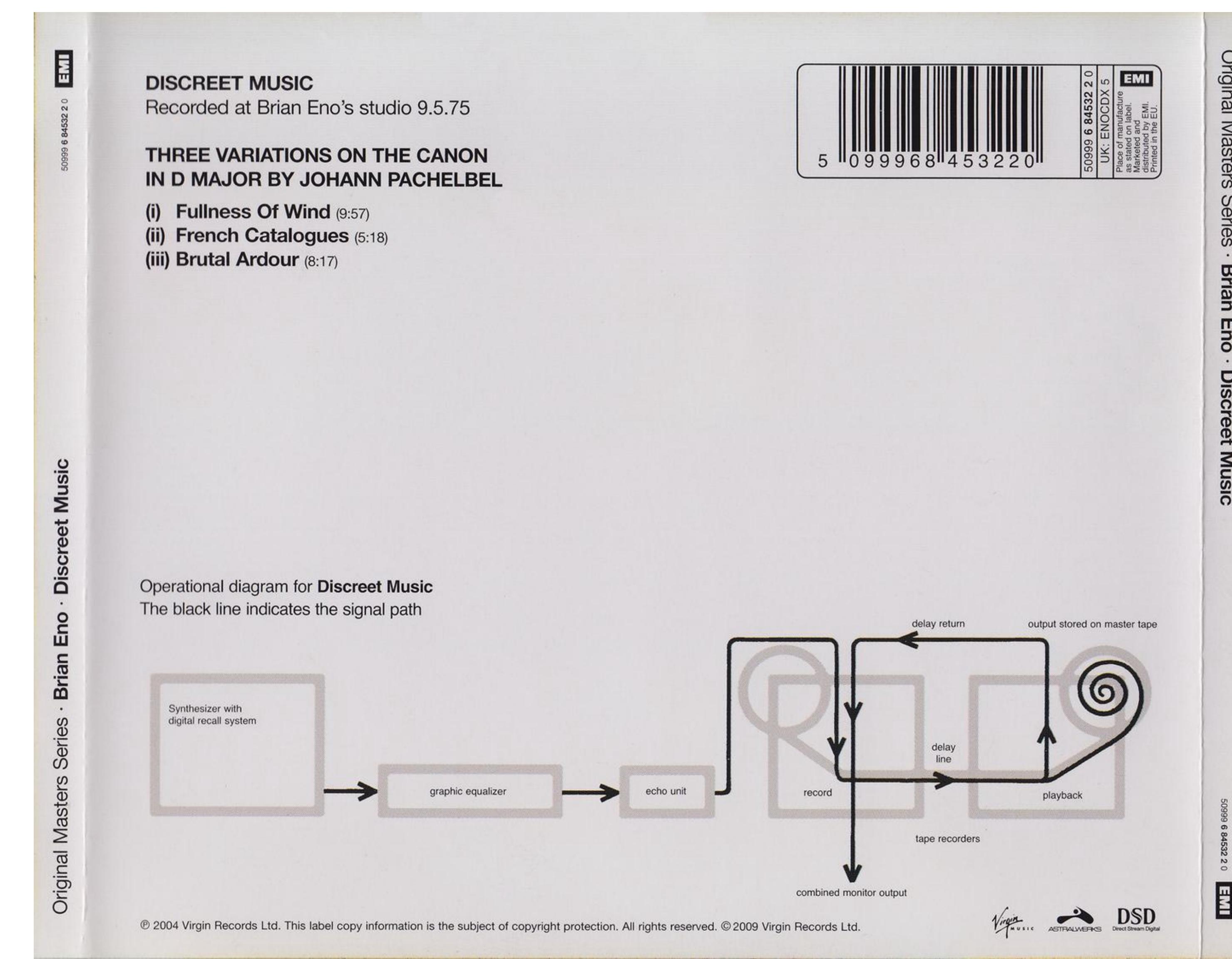
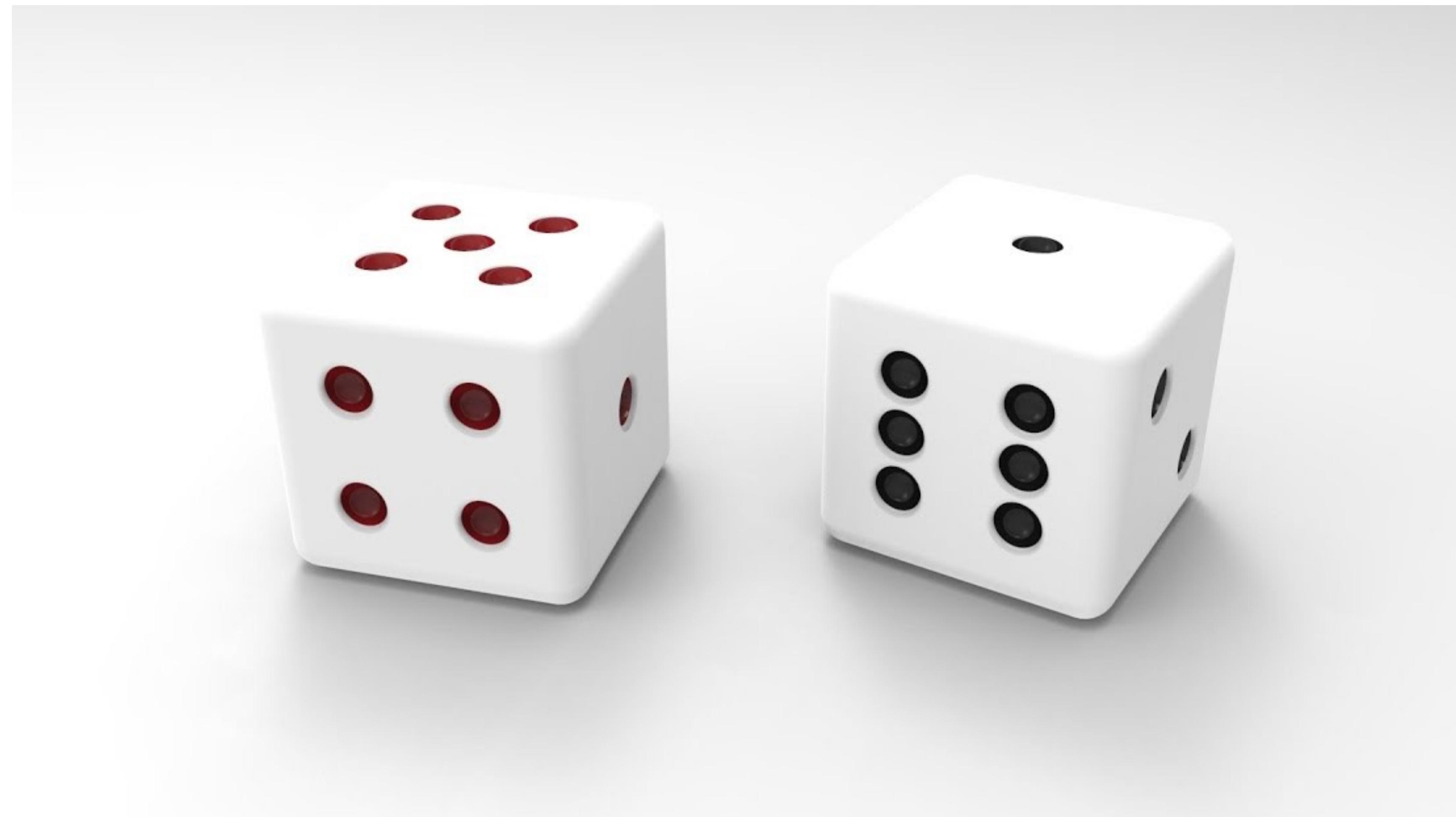
Gwangyu Lee

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

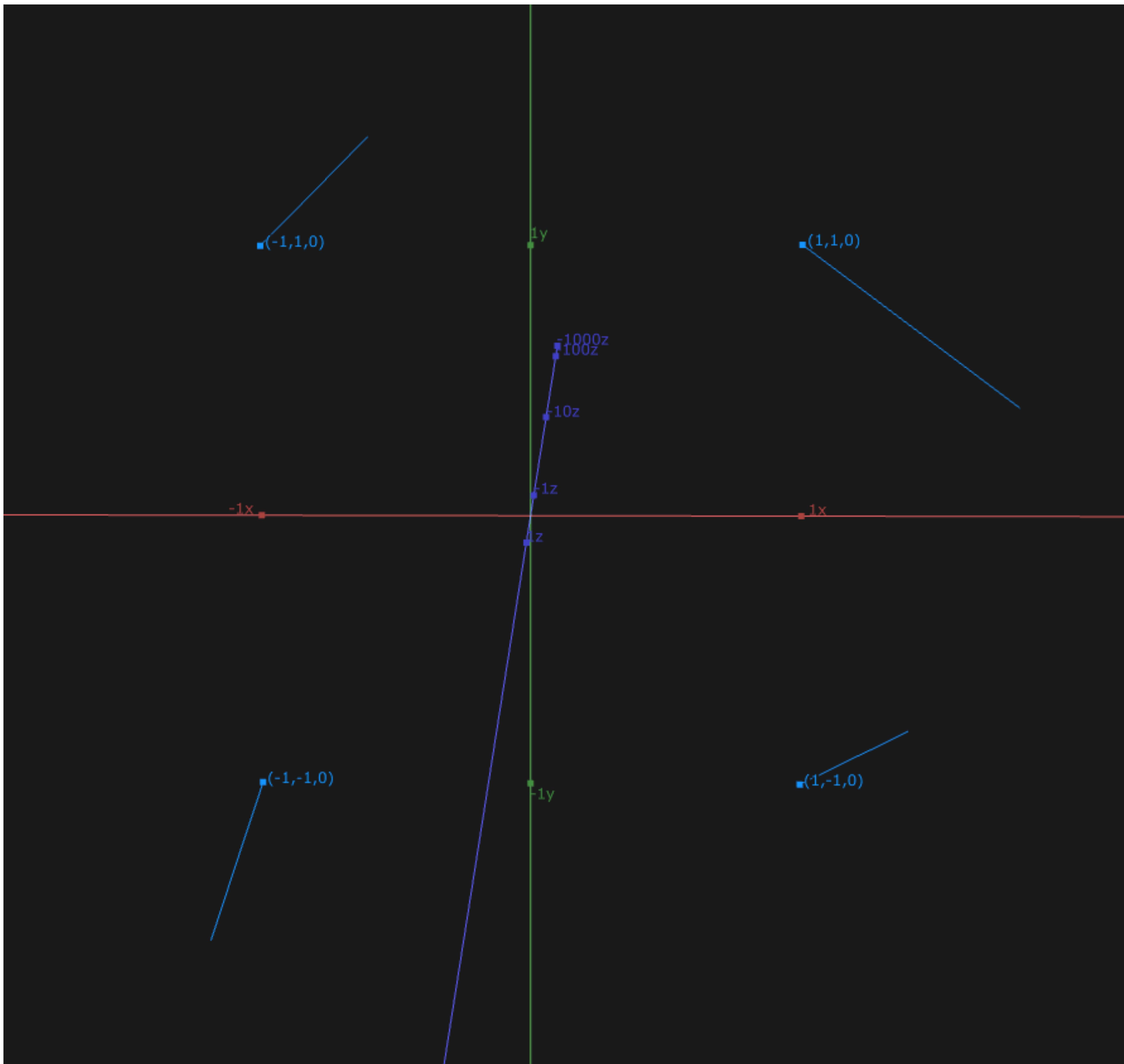
Tool vs System

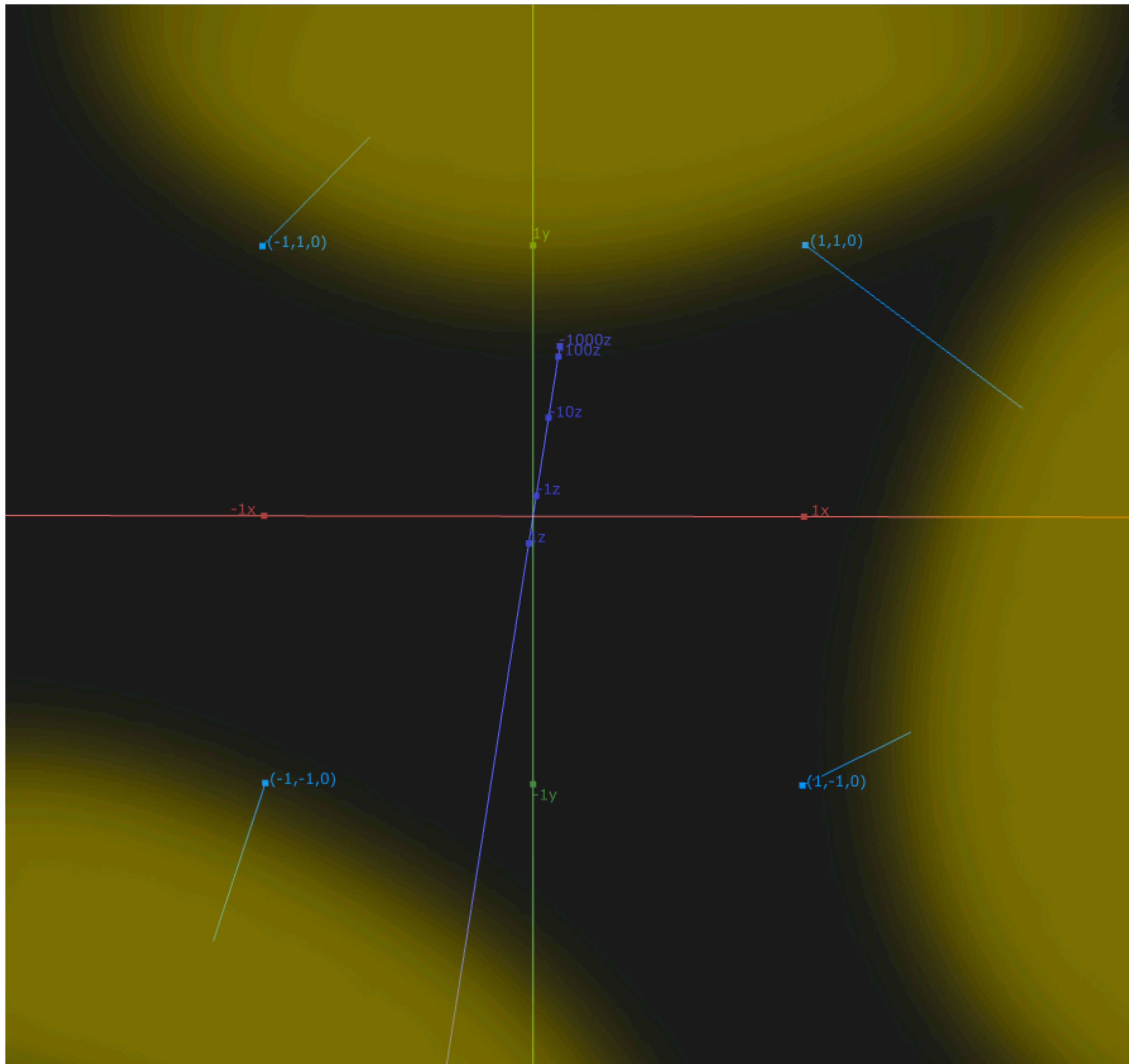


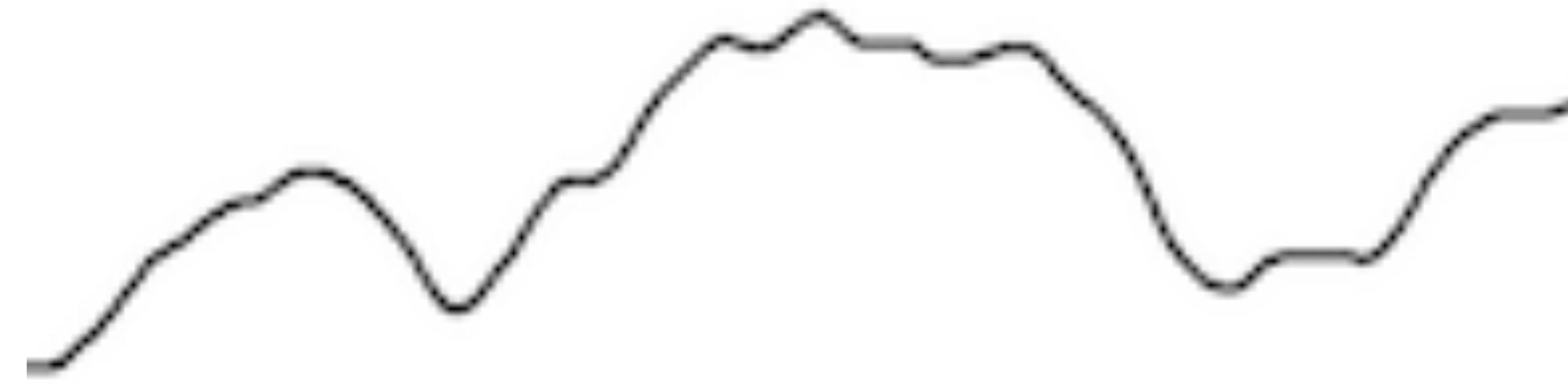
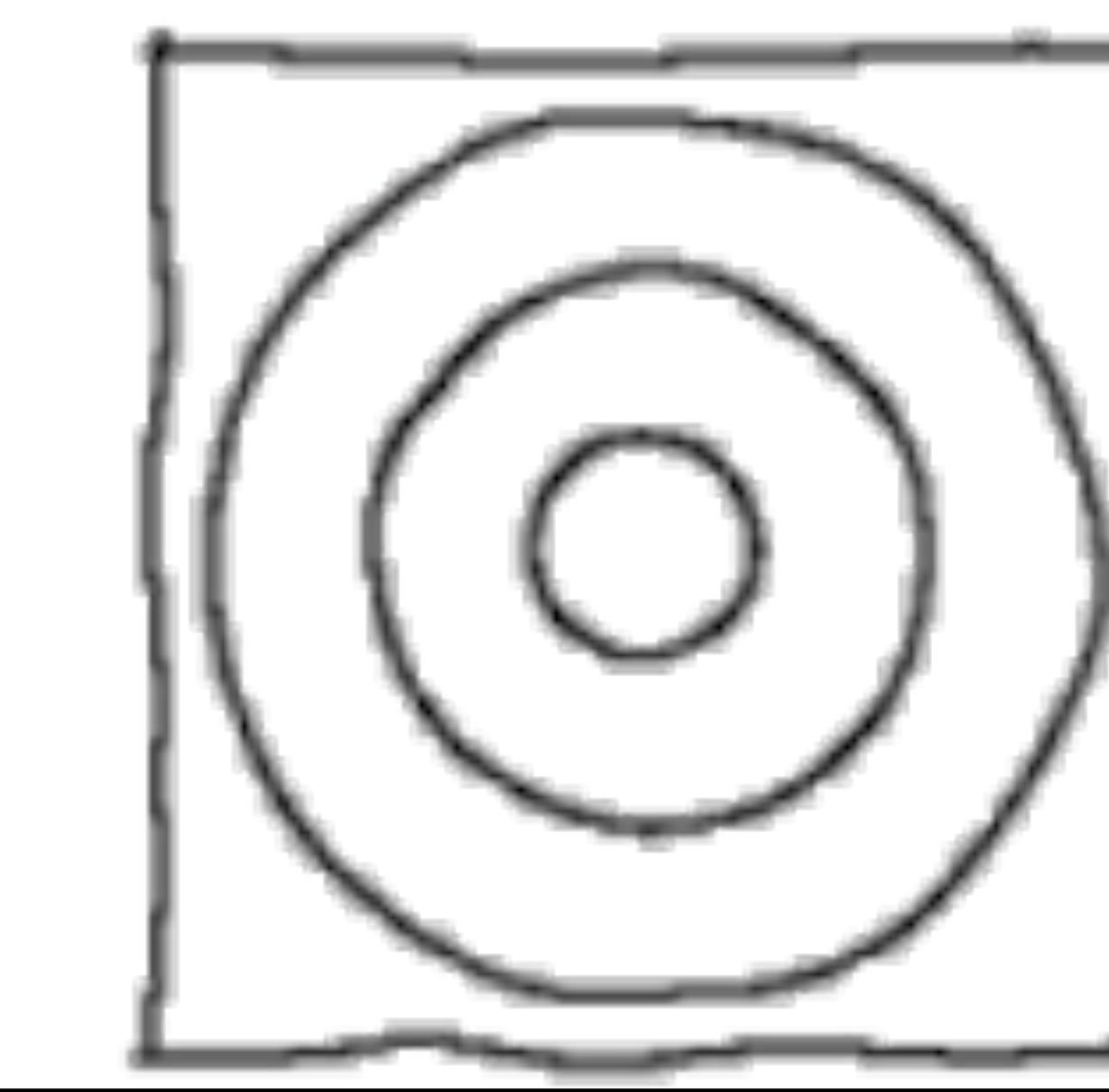
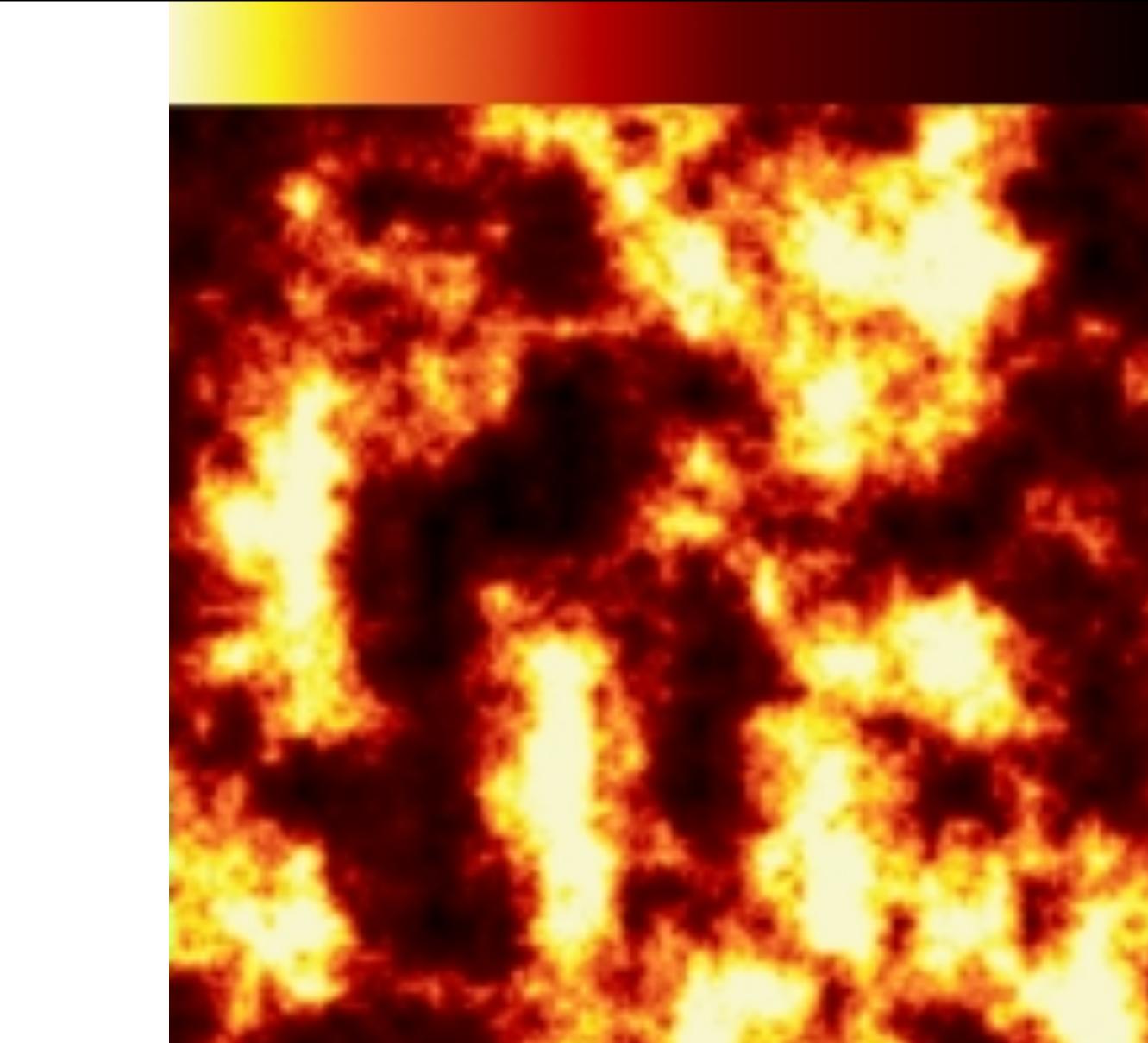
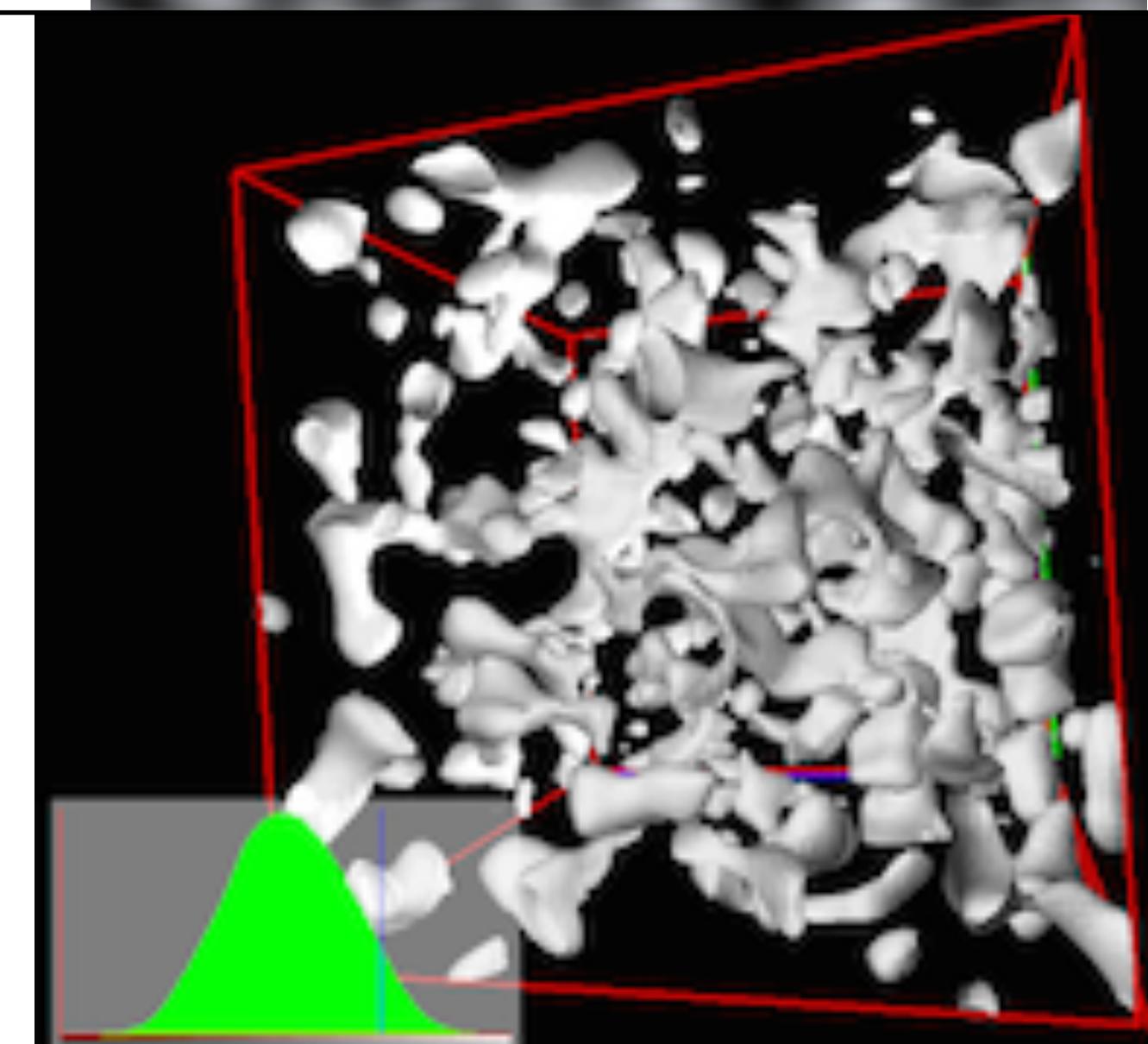
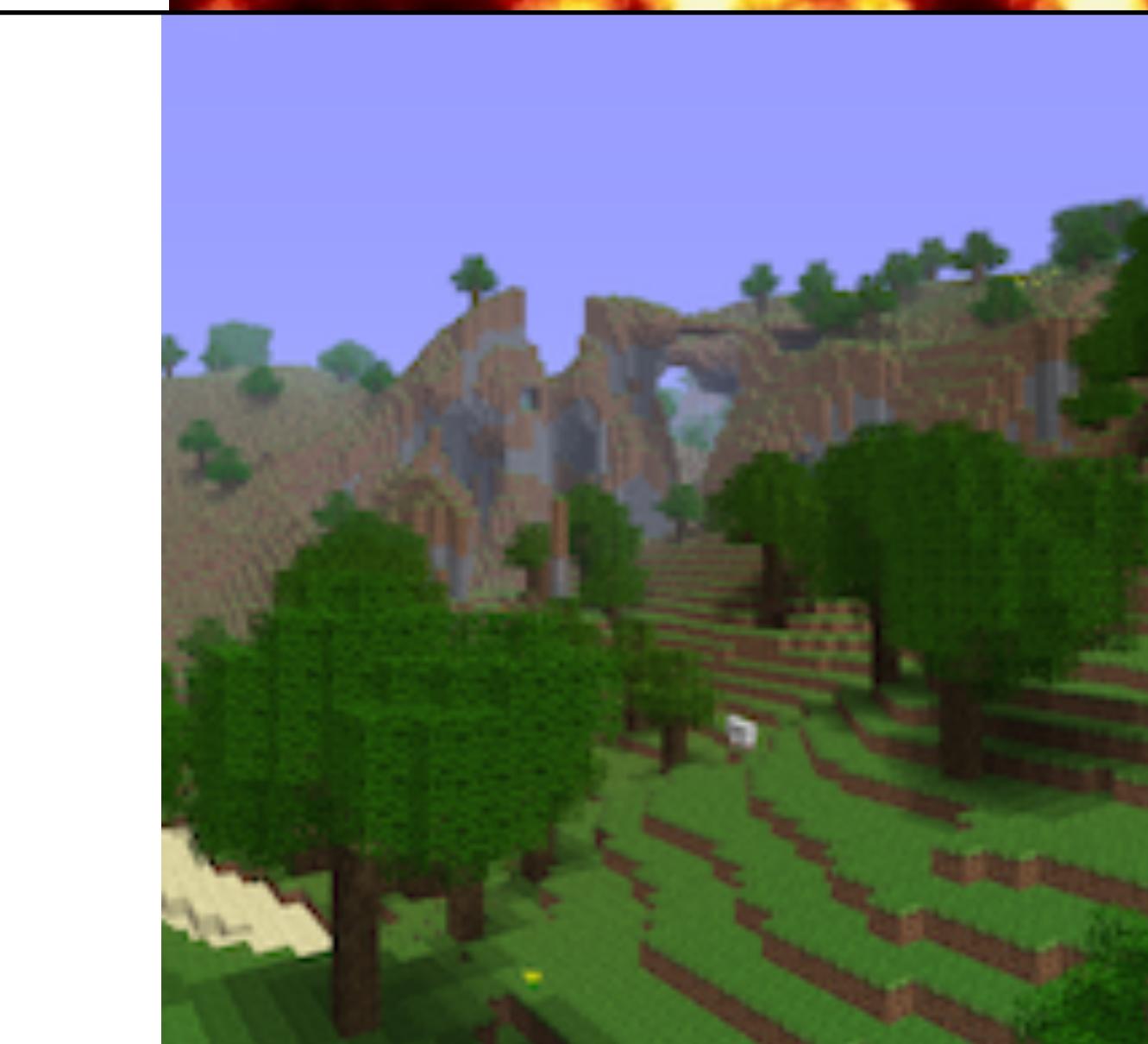
https://en.wikipedia.org/wiki/Discreet_Music
<https://www.youtube.com/watch?v=rDgHUj8sJaQ>

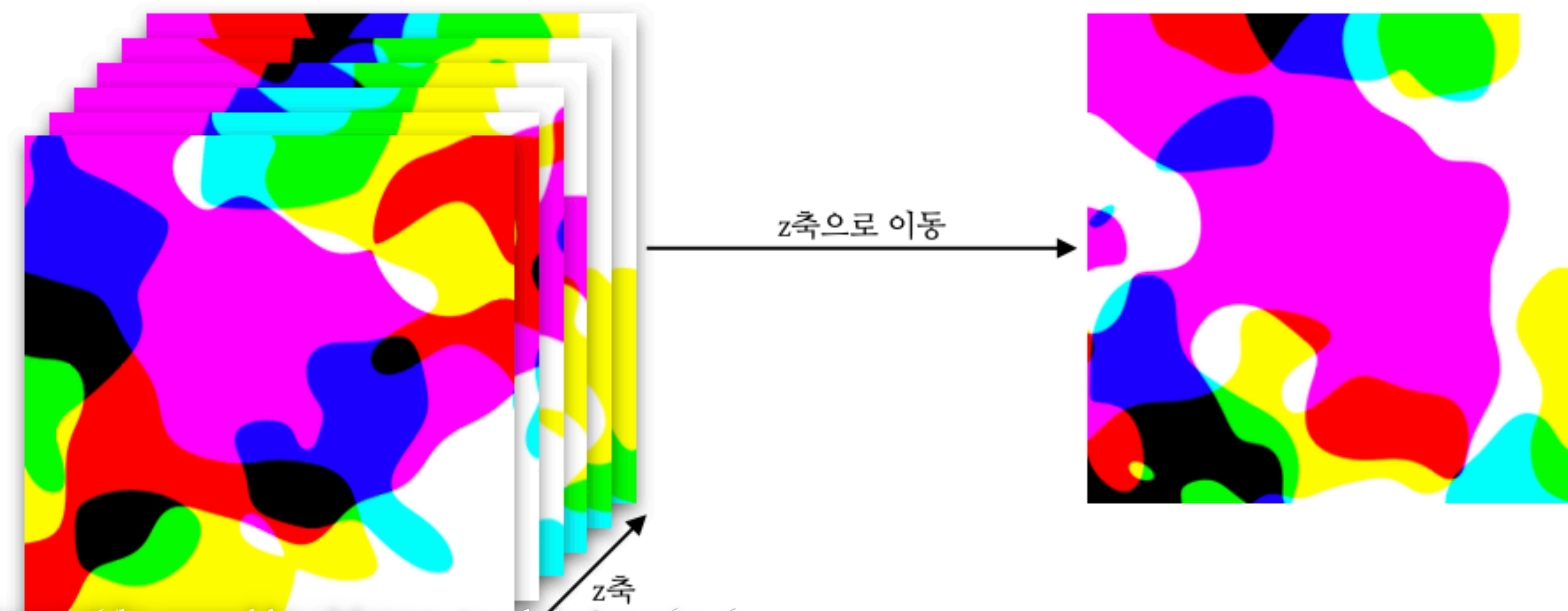
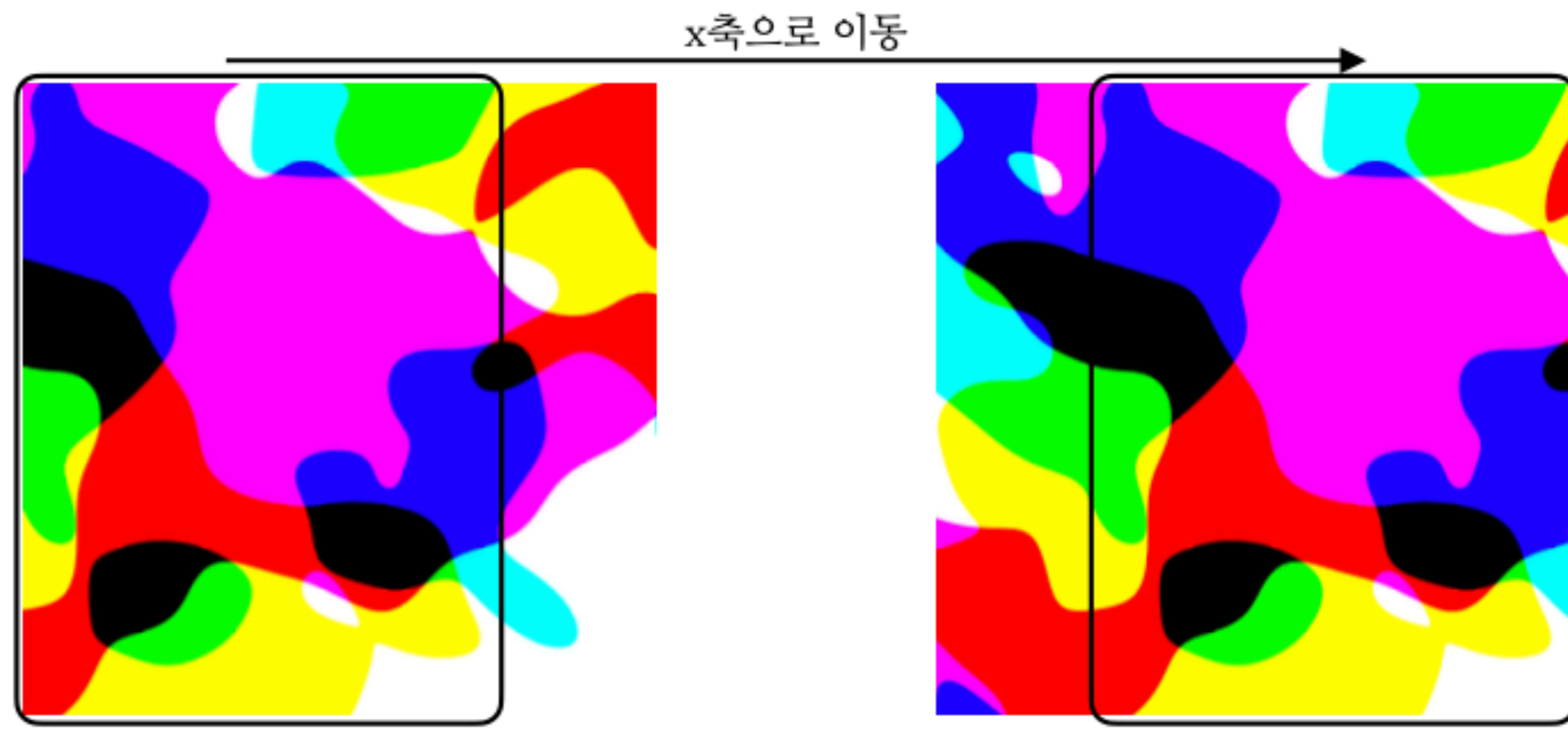
Mid Square Method

Stage	Seed	Seed ²	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		



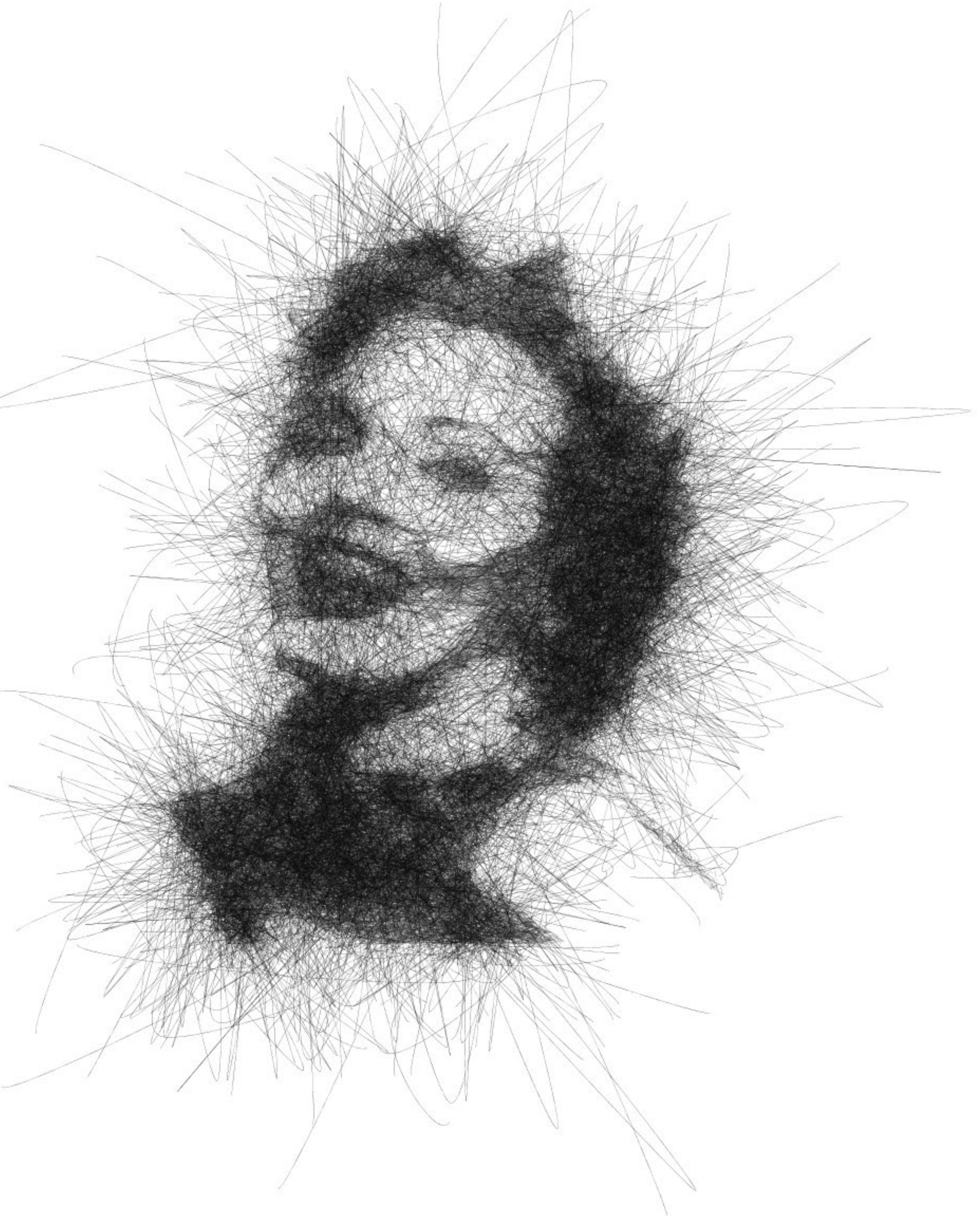
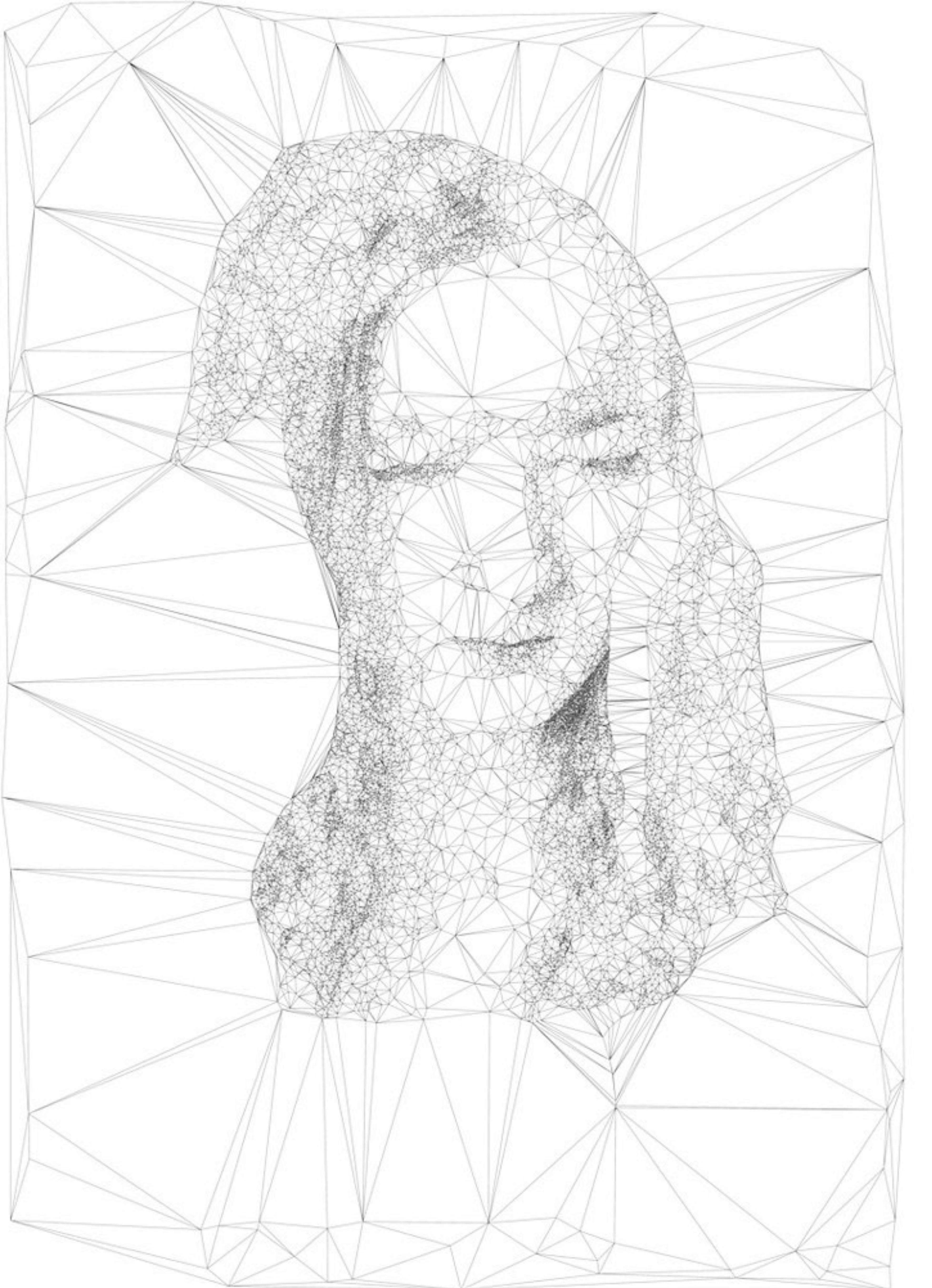


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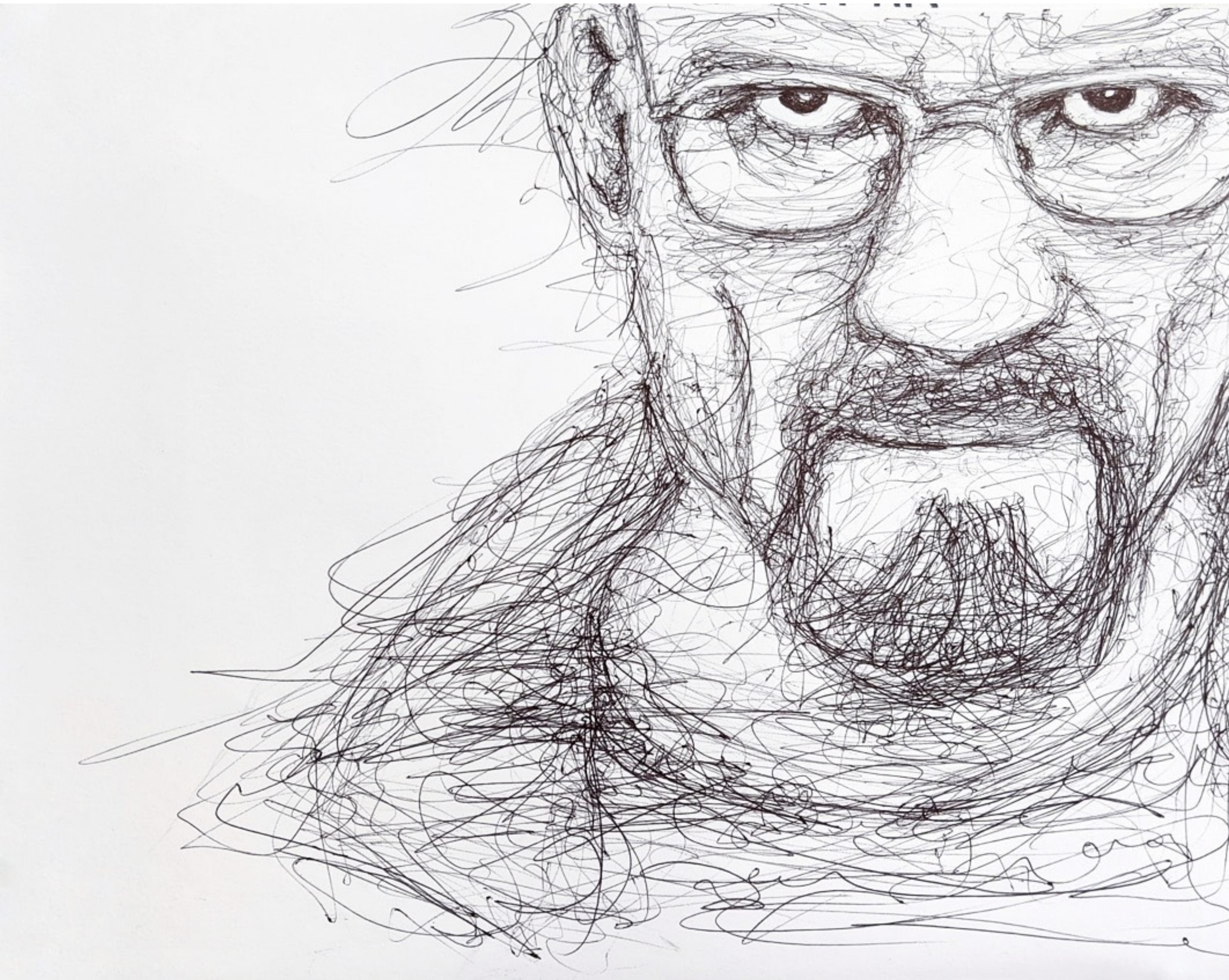


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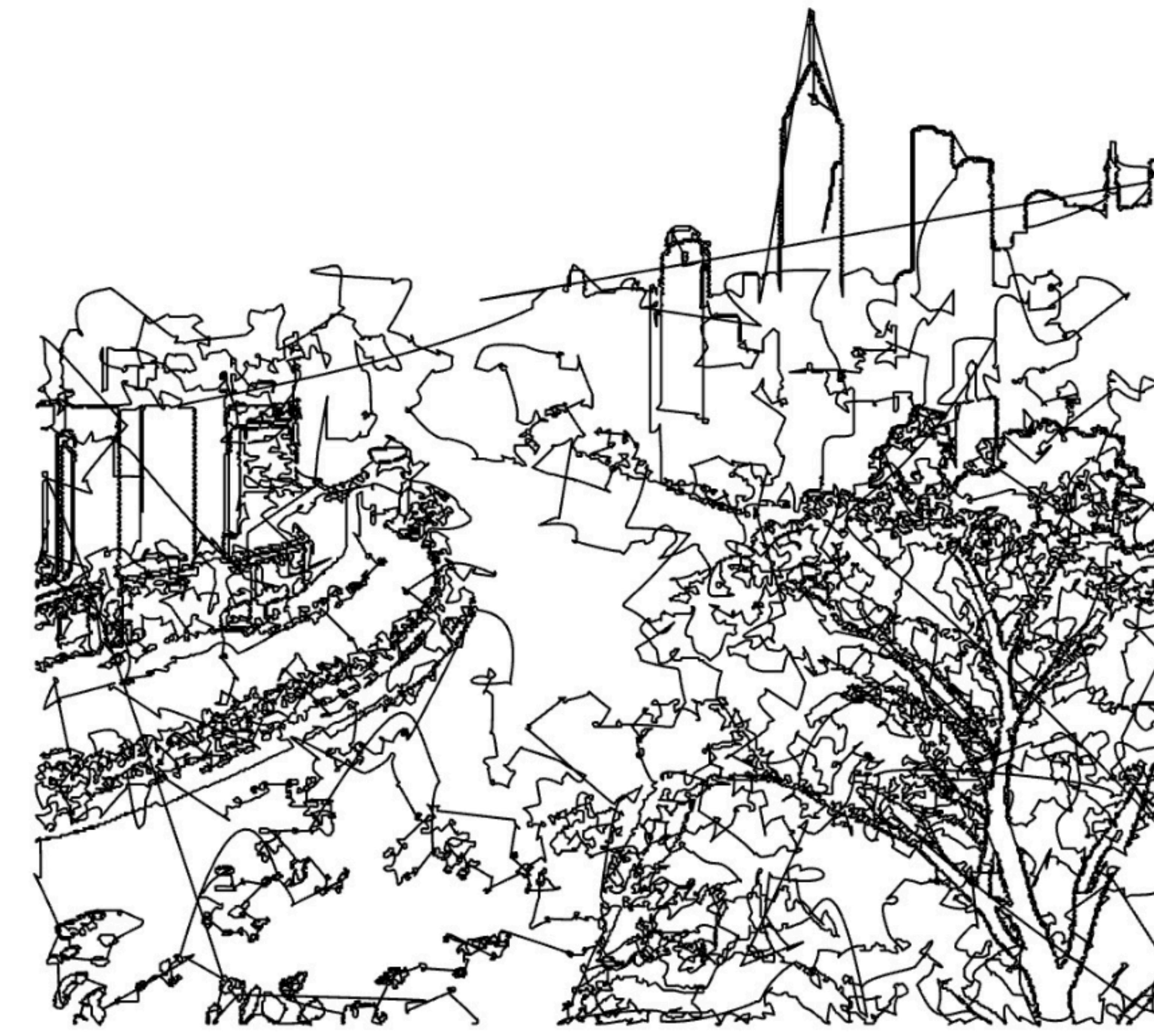


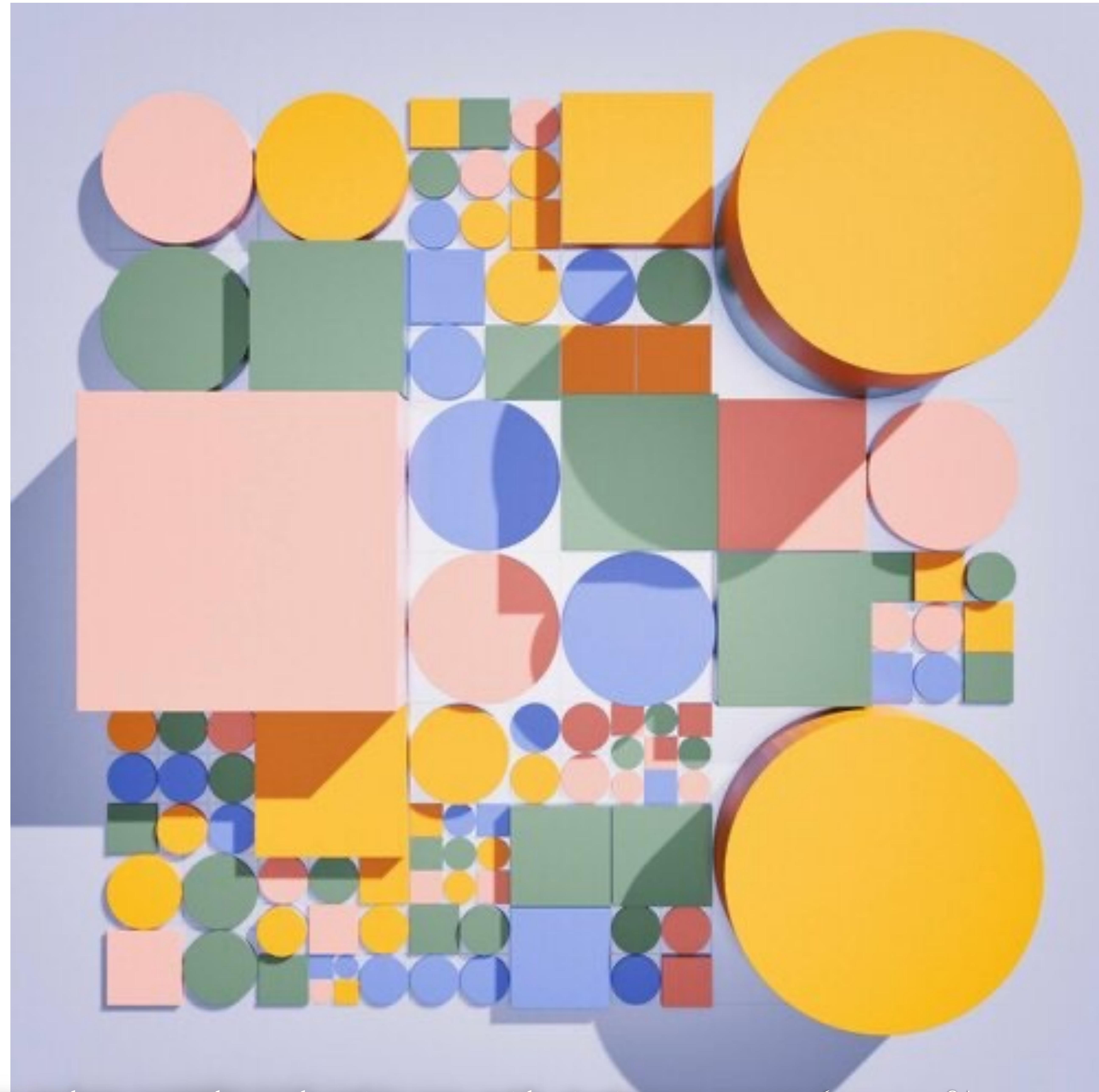
<https://www.flickr.com/photos/dianalange/8481631185>

<https://yasoob.me/posts/generative-art-portrait-advanced-studio-projects/>











<https://www.dreamstime.com/geometric-abstract-art-wave-pattern-black-white-surface-squares-background-mind-bending-sculpture-style-image28318572>