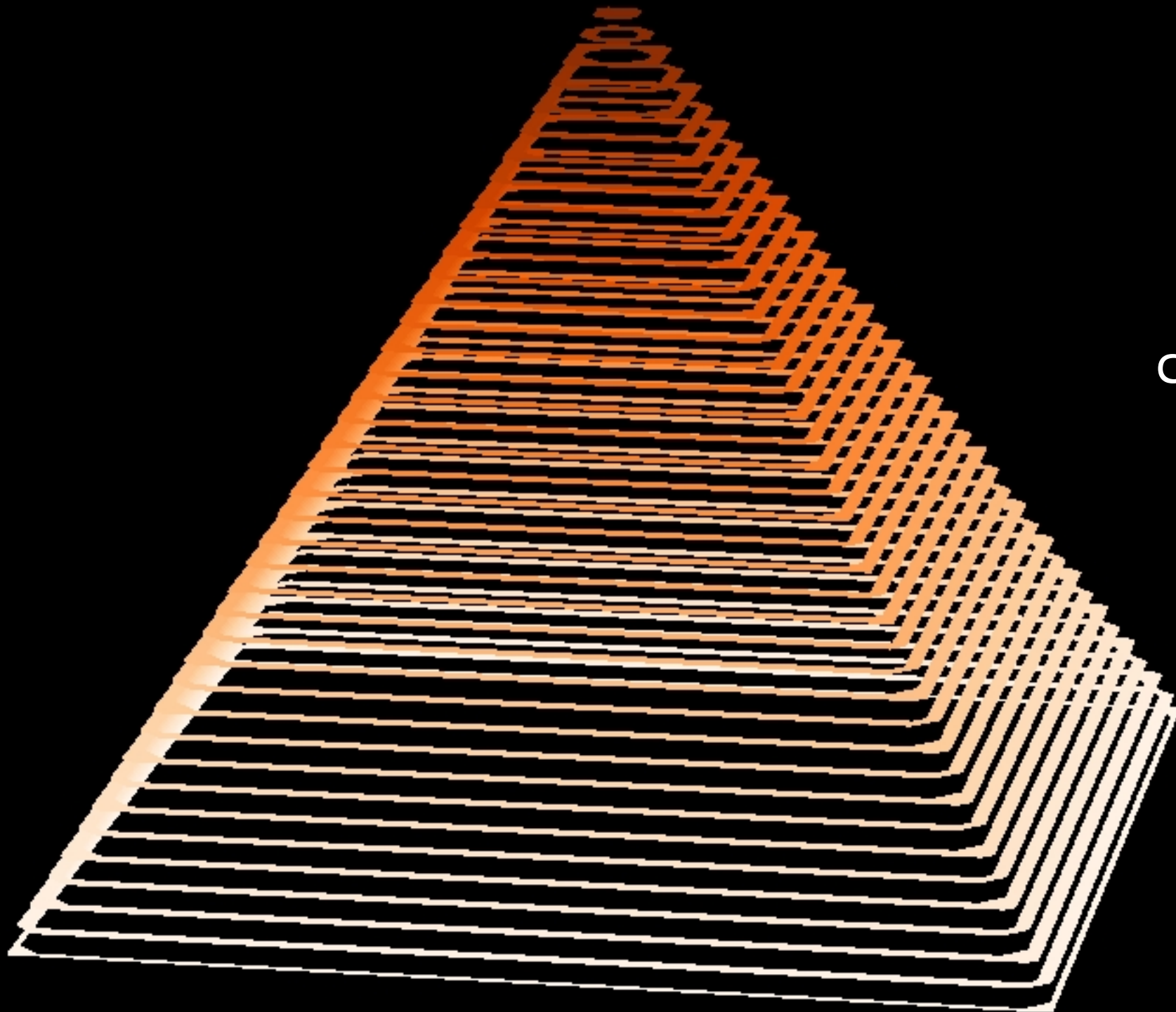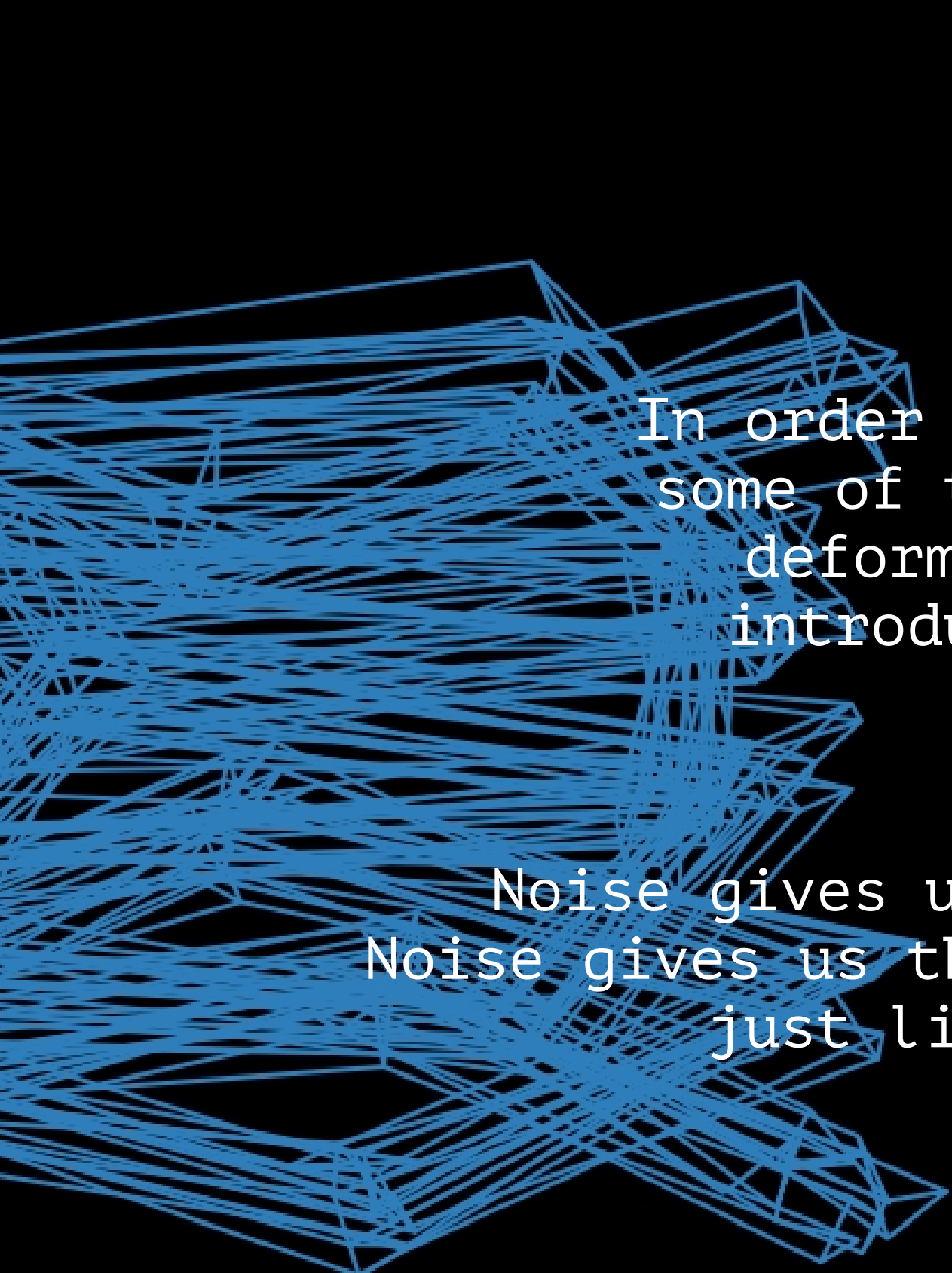# Synthetic Noise

Synthetic Noise is an algorithmically created media collection that aims to depict the beauty of mathematics through generative art. Each piece of this set portrays a unique mathematical function immersed in solid color background.
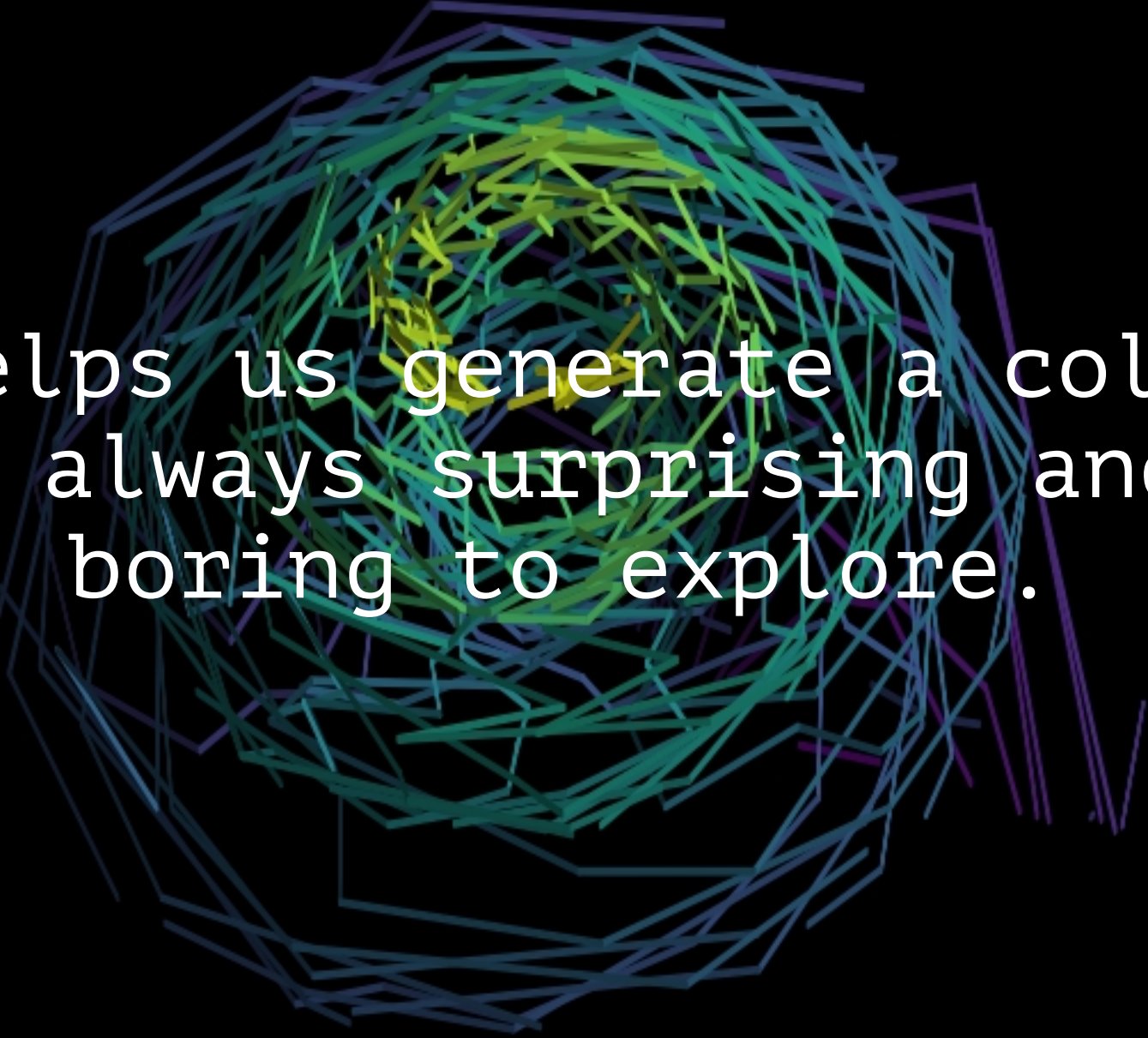
Some functions are simple and well-known by anyone, such as sine, cosine, or tangent. Others are complex and shocking to think they derive from pure mathematical formulas. For instance, did you know that you can draw a paper airplane with just numbers?
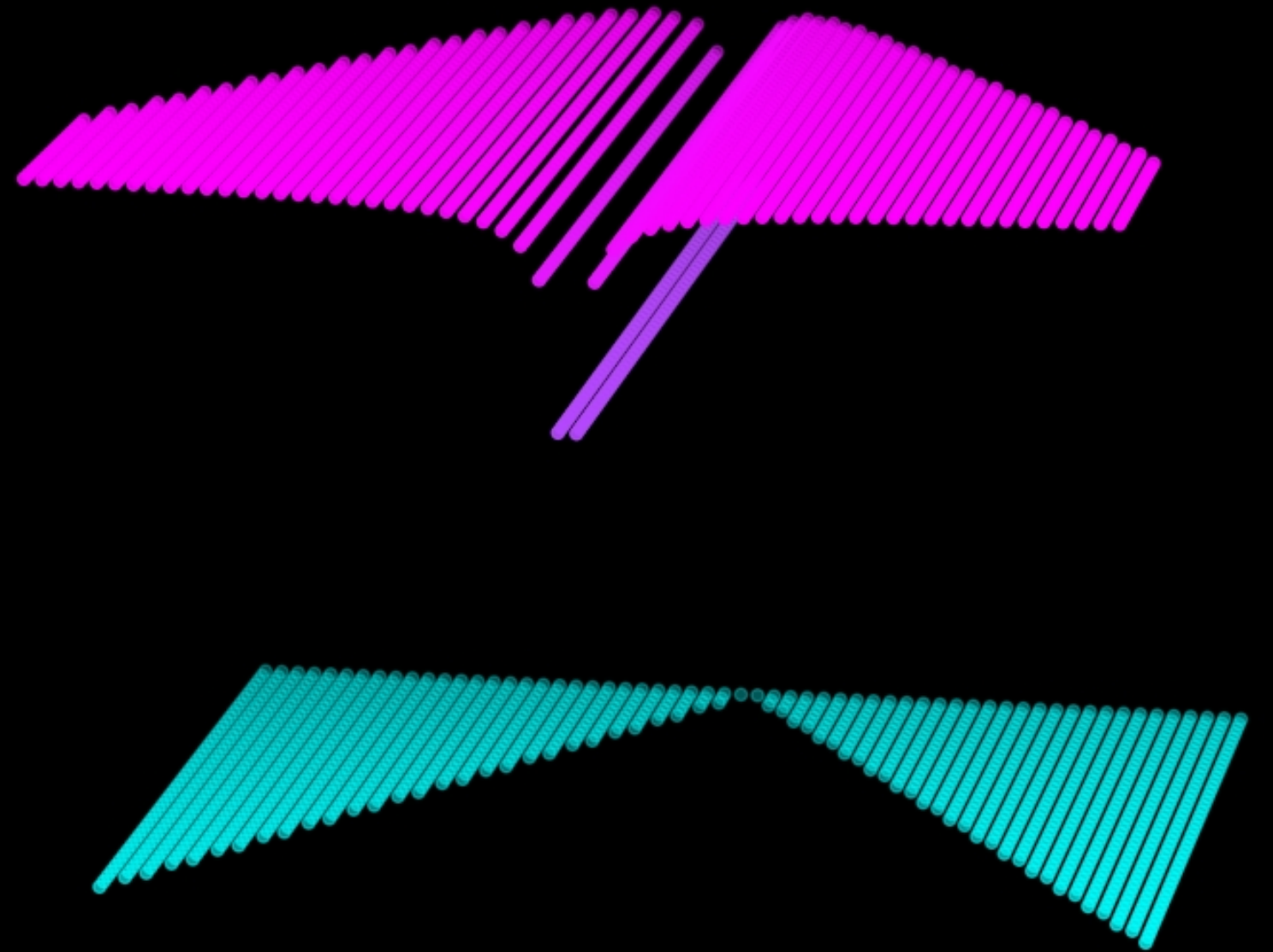
In order to create something unique,
some of the generated functions are
deformed and enriched with the
introduction of Gaussian noise.
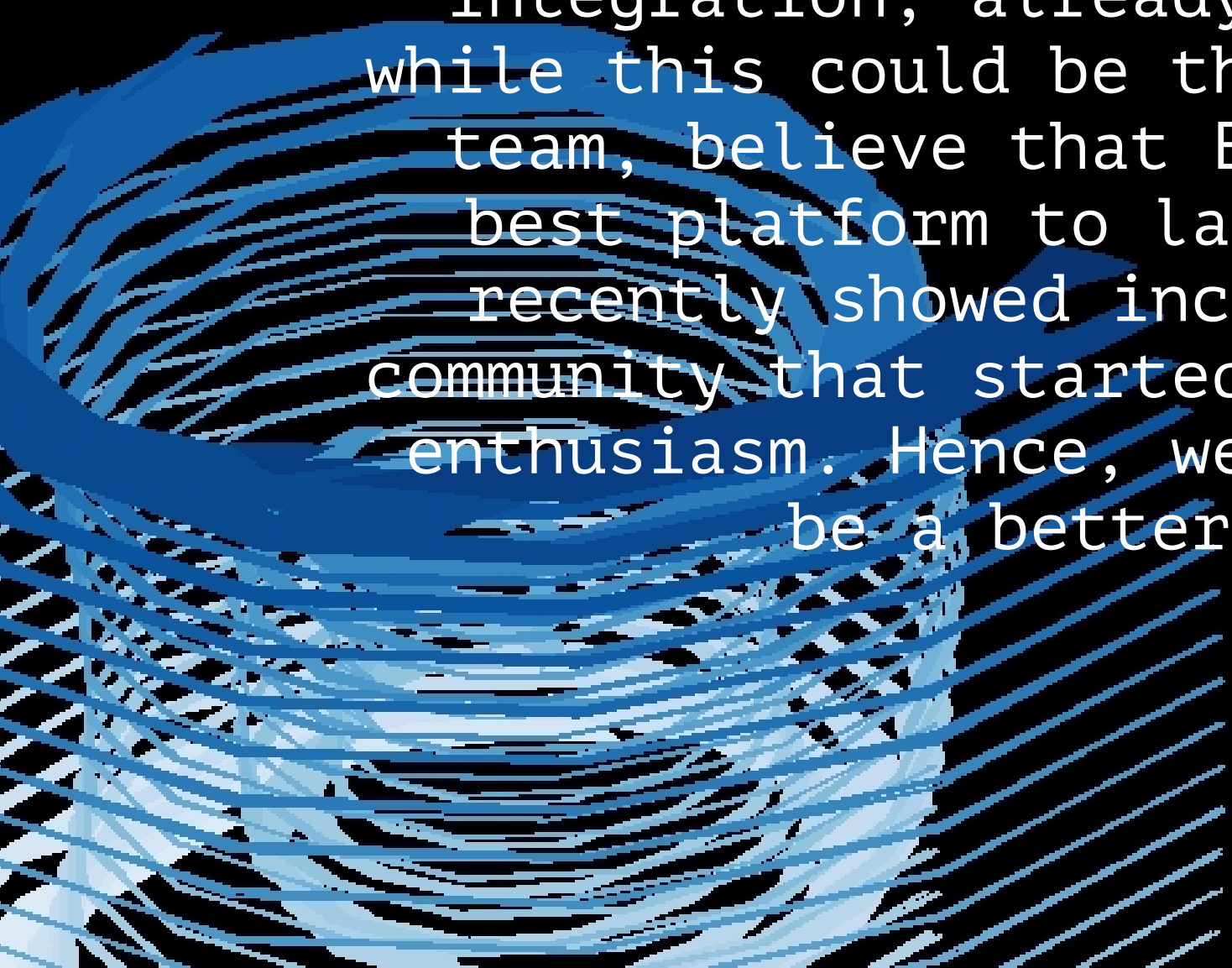
Noise gives us chaos. Noise gives us beauty.
Noise gives us the perfect amount of imperfectness,
just like the world we live in.

Noise helps us generate a collection
that is always surprising and never
boring to explore.

SN started as a simple idea. We
wanted to observe the grace of
mathematics through art.
However, when we noticed how
elegant naive mathematics can
be, we decided to share our
results with the internet, and
as a natural consequence, this
NFT collection was born.
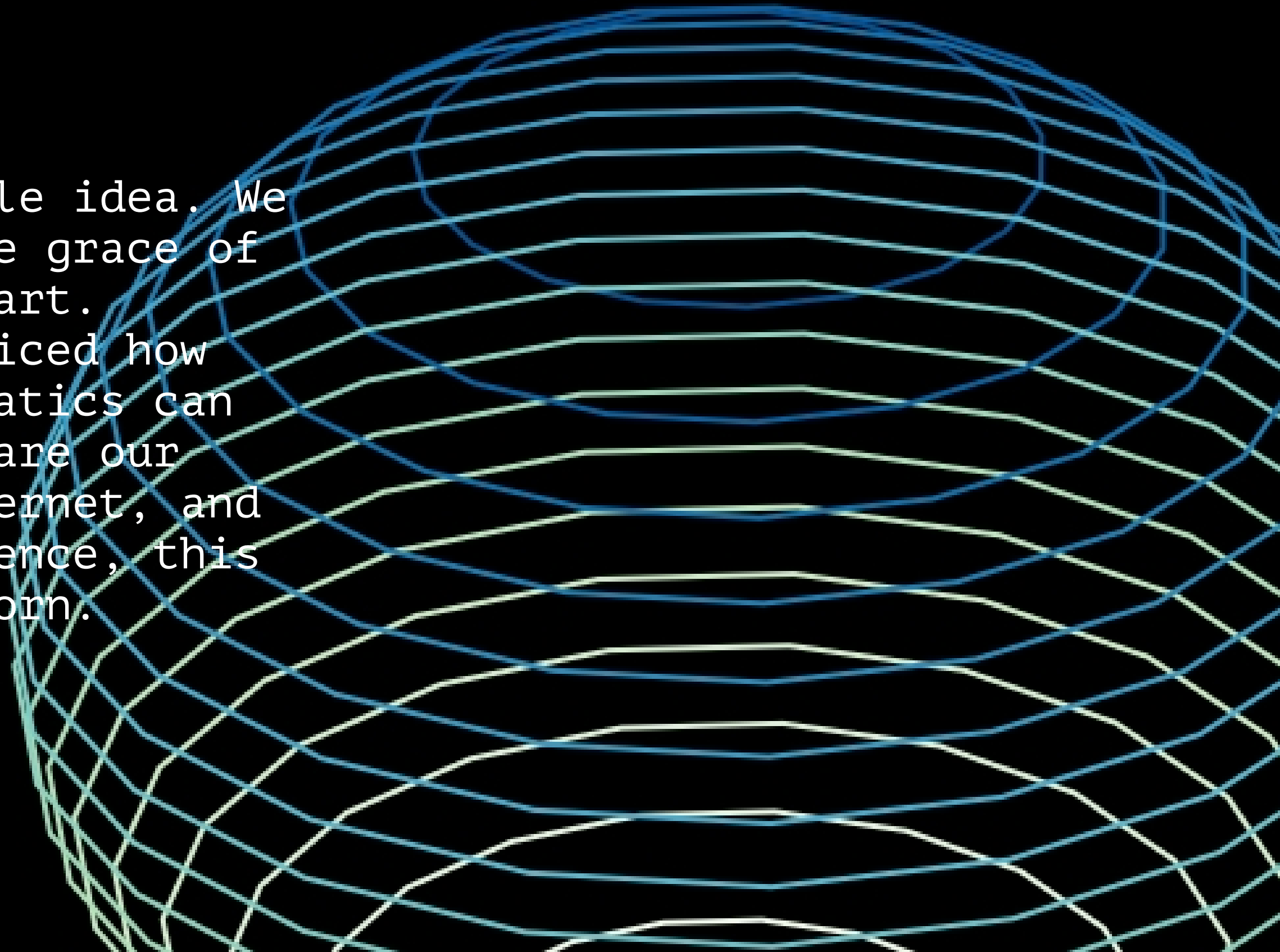
The core of the project is already complete and it is ready to be launched on any EVM compatible chain. We have coded the contract and deployed a website integration, already tested and working. However, while this could be the receipt for success, we, as a team, believe that EVM could not end up being the best platform to launch our collection on. Terra recently showed incredible potential and the new community that started gathering around it is full of enthusiasm. Hence, we believe that this chain would be a better fit for our project.

In our opinion, the best marketplace on this platform is yours. You benefit from a great community, and all the projects you previously launched are of high quality and well-kept. Therefore, you represent the stepping stone we need to achieve more.

But why should you give a chance to Synthetic Noise? Our project will be one of the first generative art NFT collections on Terra with complete tech support from our team to allow every user to have the best possible experience. We also have many exciting ideas to further develop SN and make it something more than just a collection: this will be possible thanks to the community!

TRAITS

Every piece of the collection is going to be unique, one of a kind, with different properties. We have carefully selected 7 different traits which can generate up to 8M combinations. Each trait has a different probability of occurrence indicating its rarity. The rarities are Common, Uncommon, Rare, Very Rare, Ultra Rare, or Impossible. The traits are Shapes, Resolution, Fillings, Colormap, Angle of view, Noise, and Background.

MINTING

The price and the number of pieces to be minted will be decided based on the community response. The first proposal is of 3000 unique pieces for the price of 3 LUNA each.

Thank you for your time!

If you need any further information and/or clarification, please feel free to reach us: the team will be pleased to answer any question!