

ART

3 YEARS AGO

# Hand-Drawn Coloring Book Reveals Mathematical Beauty Of Nature’s Designs With Golden Ratio Illustrations

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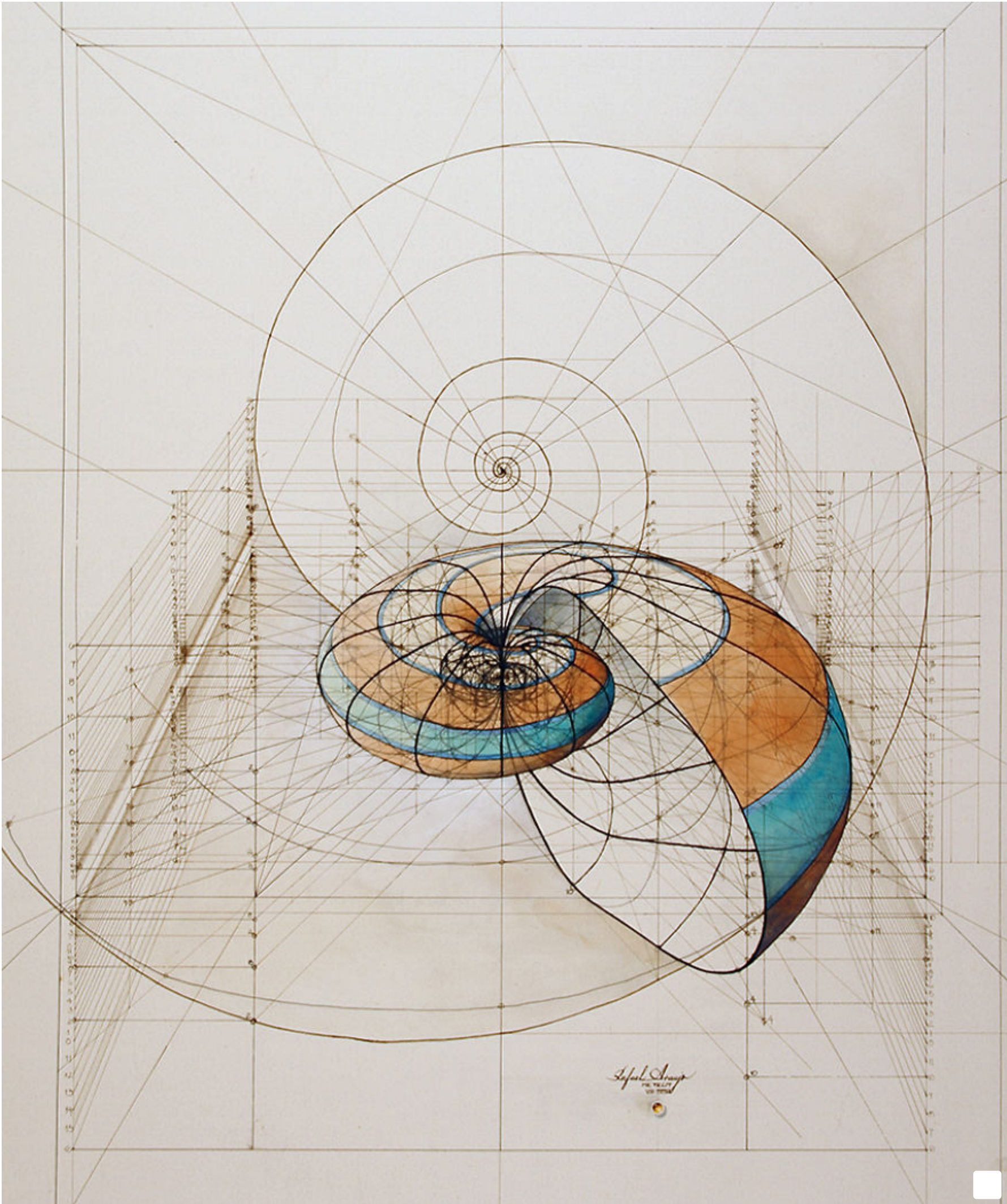
 **Melinda Restrepo**  
Community member

Rafael Araujo is a Venezuelan architect and illustrator. He uses nothing more than pencils, rulers, compass and protractors to create his incredibly beautiful and accurate reflections of Nature’s brilliance. Rafael’s illustrations highlight the recurrence throughout Nature of the “golden ratio”, represented by the Greek letter  $\phi$ . Equal to approximately 1.618, the  $\phi$  ratio lies at the heart of all manner of organic spirals, sequences and proportions – from the hypnotic whorls of the chambered nautilus shell to the balanced proportions of a butterfly’s wings.

Rafael’s work is unique in that he leaves intact the construction lines that form the mathematical framework for his illustrations, each of which can take him as long as 100 hours to complete. Recently Rafael has received requests for prints of his works to color in. From this came the idea to produce a beautiful coloring book with some of his best illustrations. To bring this project to life, Rafael and his team in Sydney created a Kickstarter campaign.

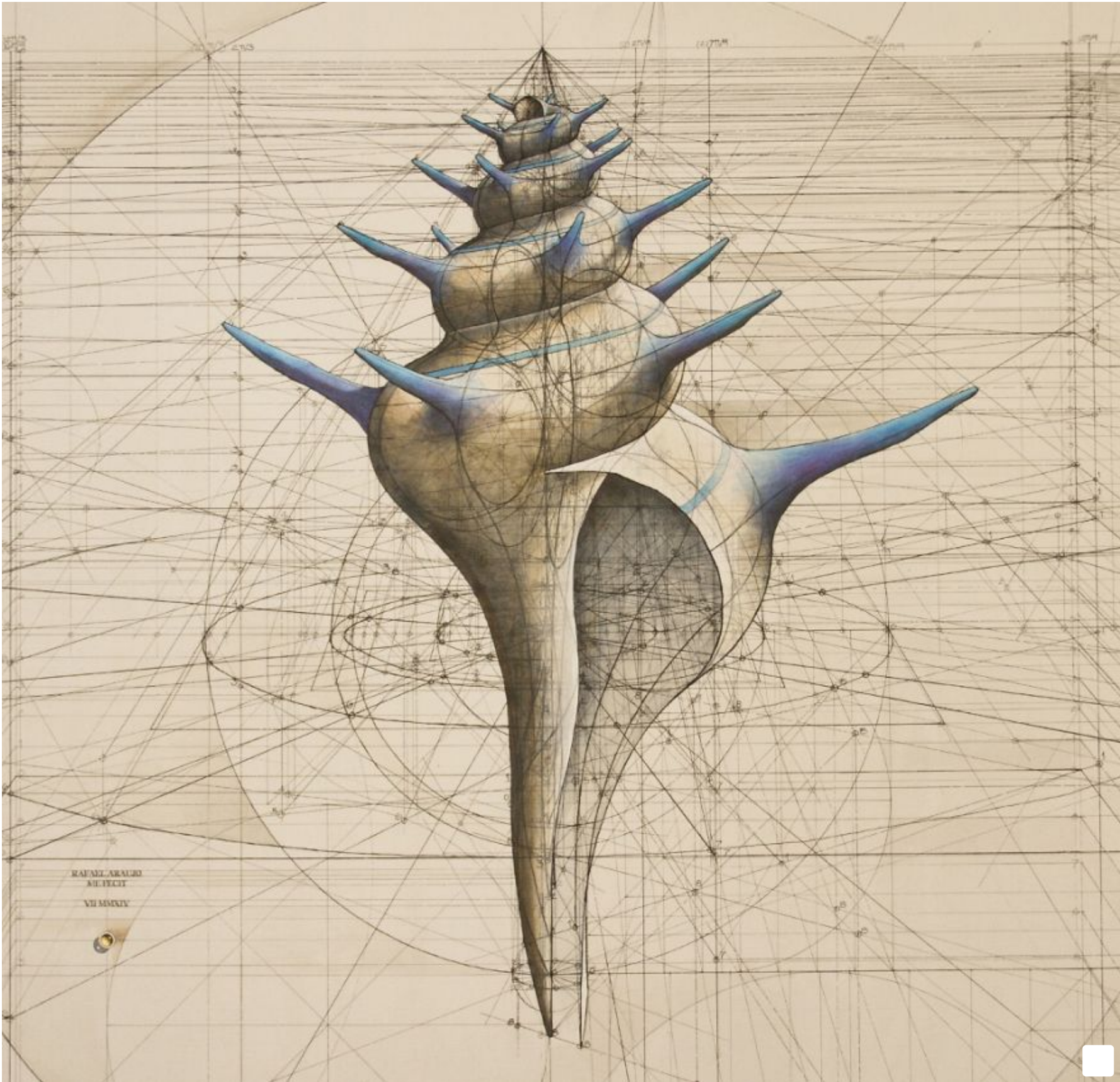
More info: [kickstarter.com](https://www.kickstarter.com)

## Chambered Nautilus Shell



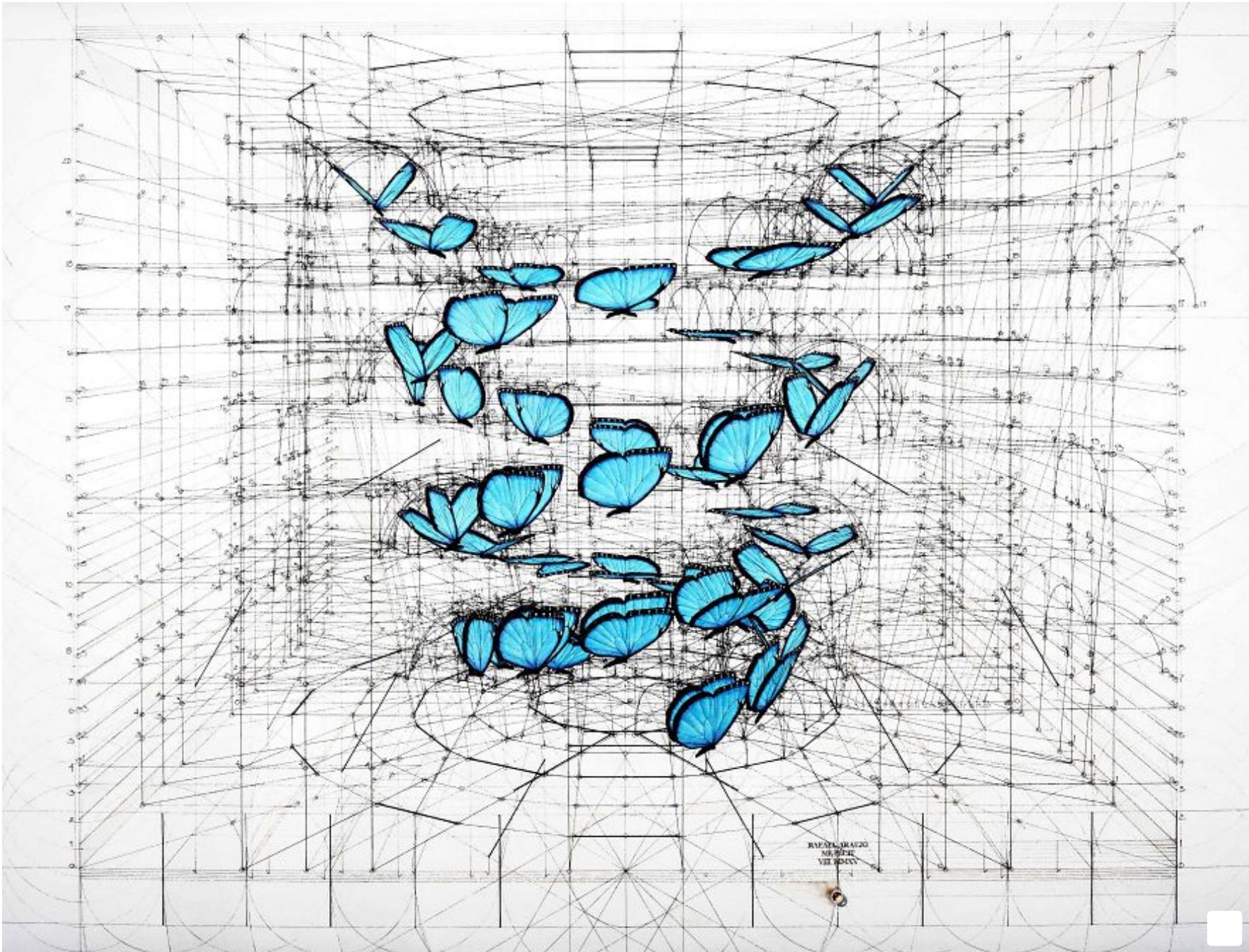
Fibonacci Shell



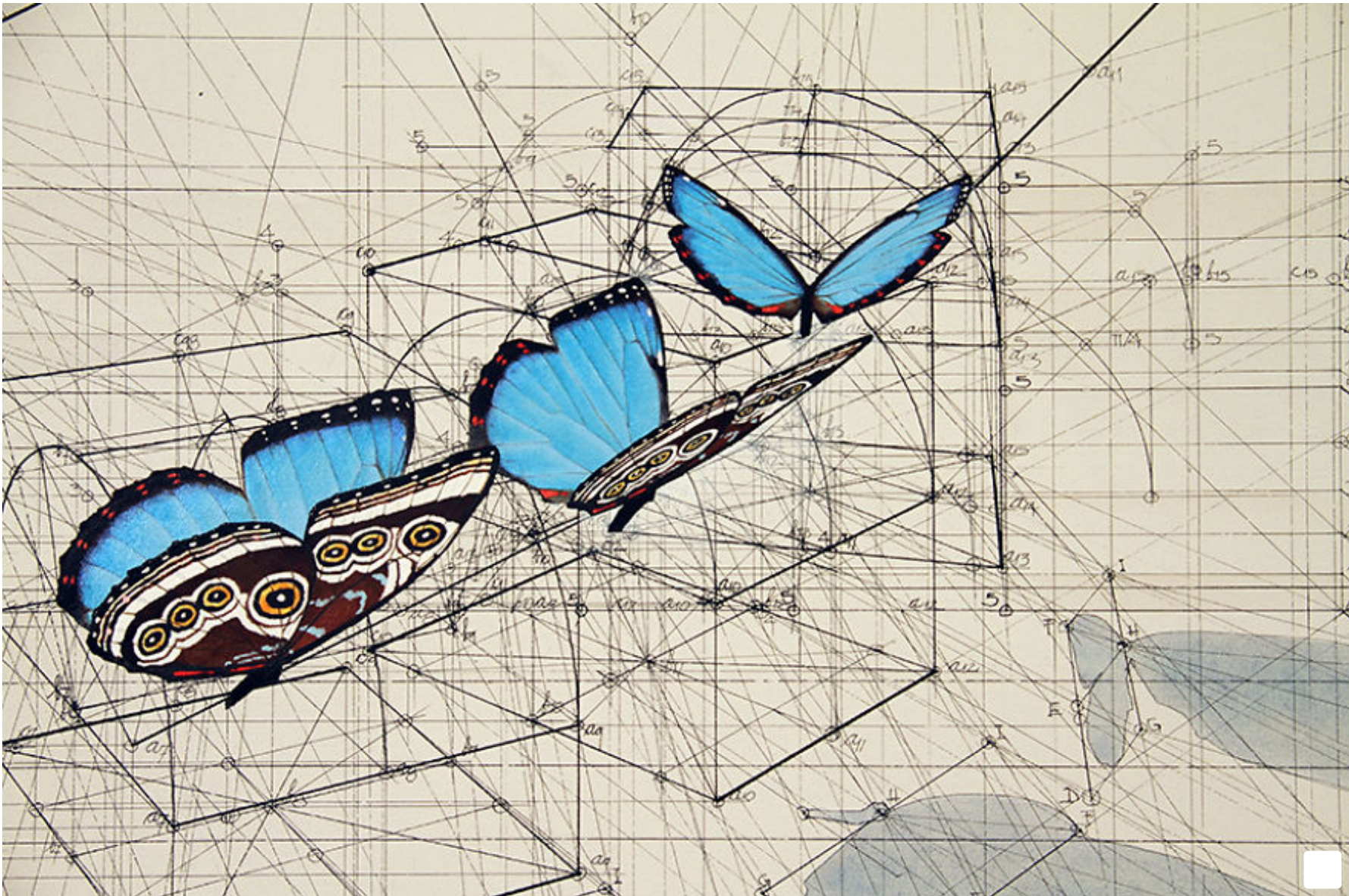


Blue Morpho Double Helix



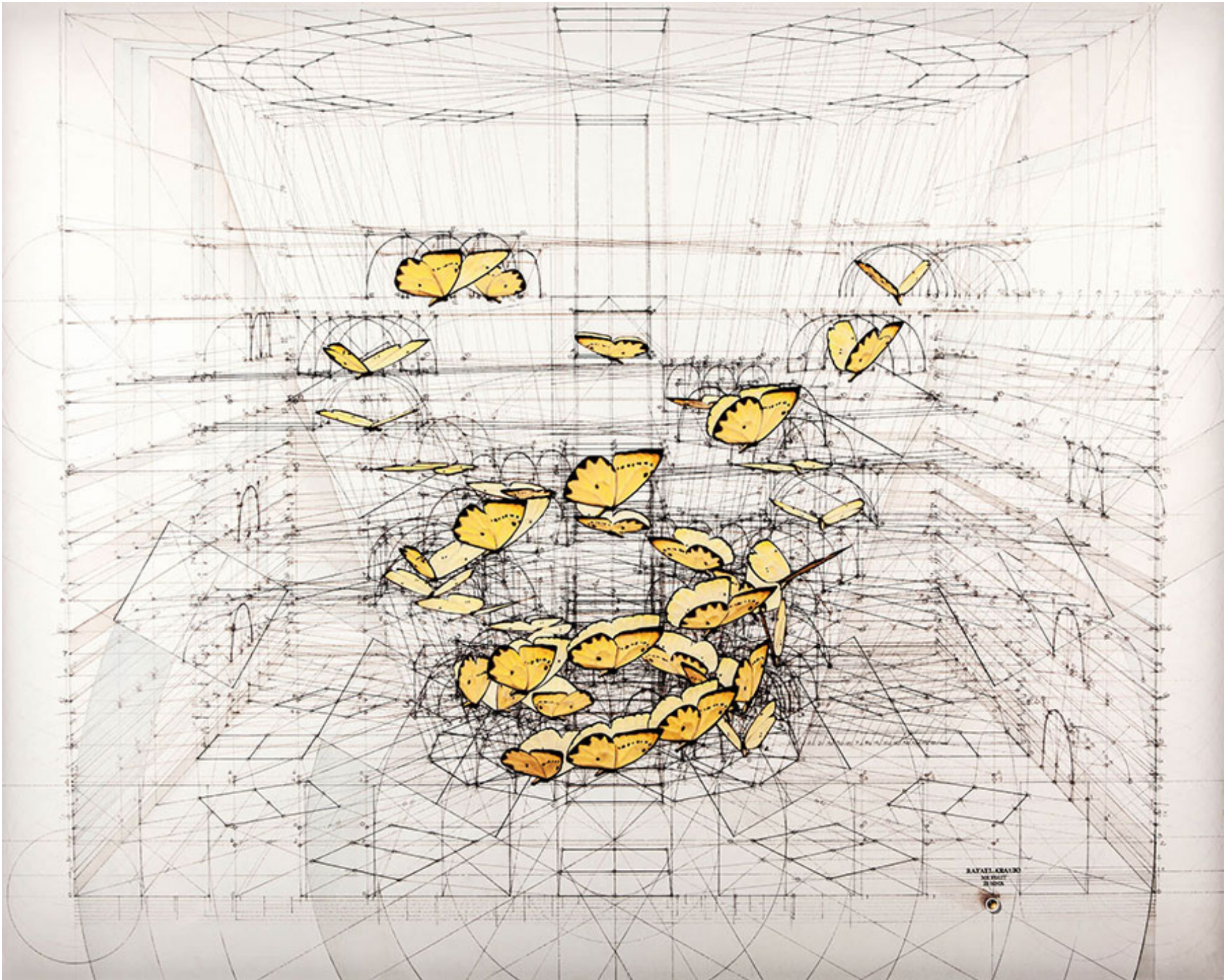


Butterflies Infinite Sequence

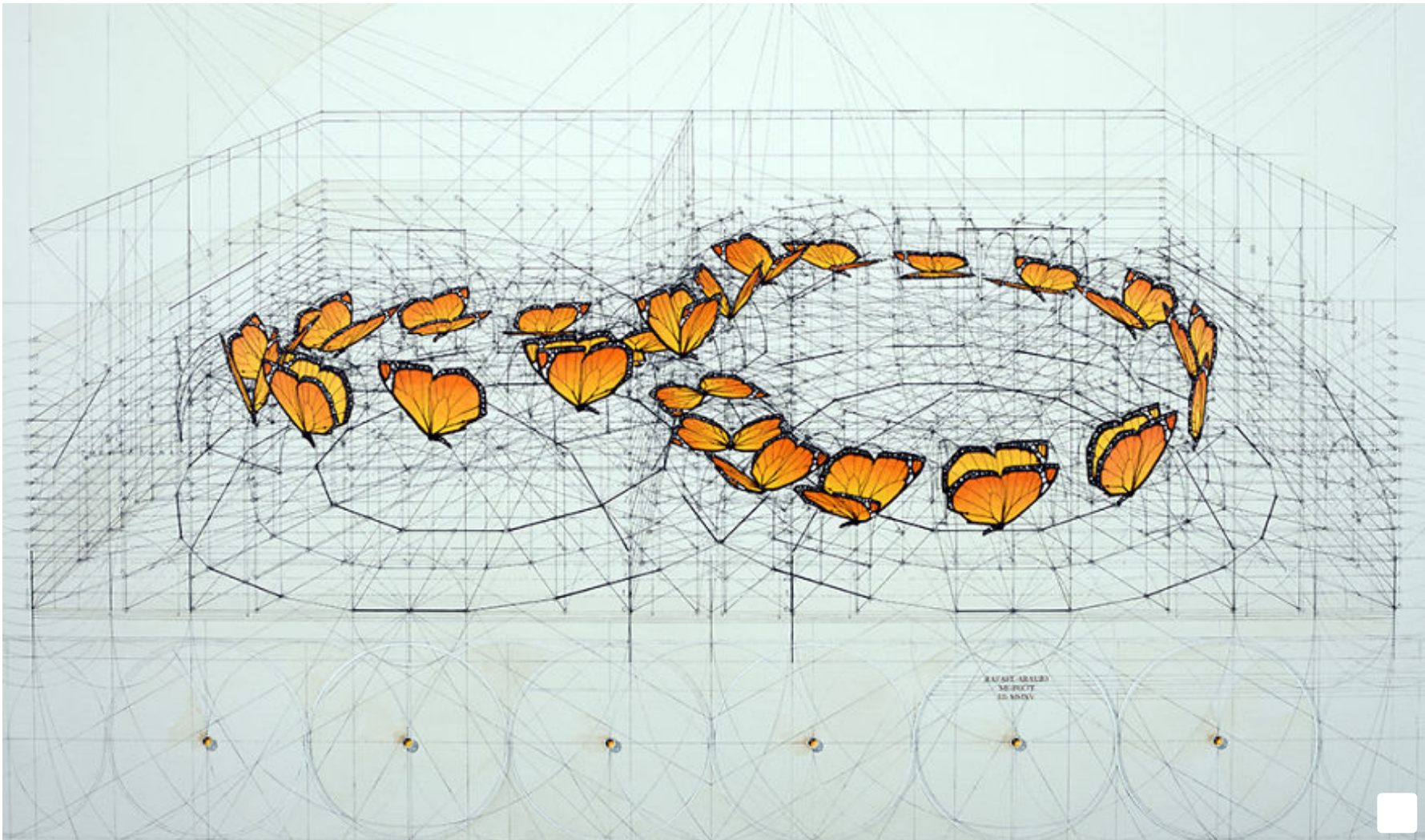


Phoebis, Triple Helix



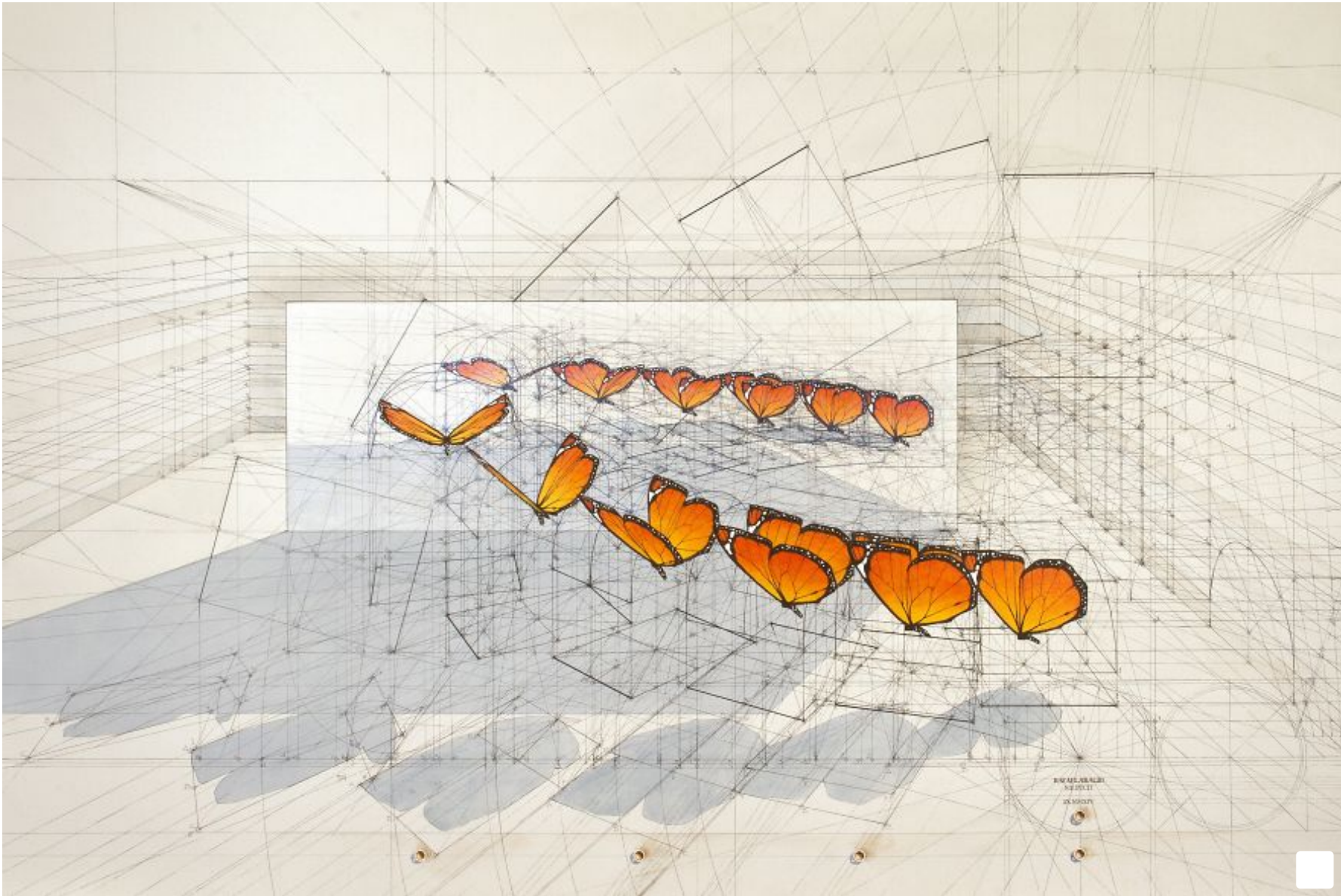


Butterflies Infinite Sequence

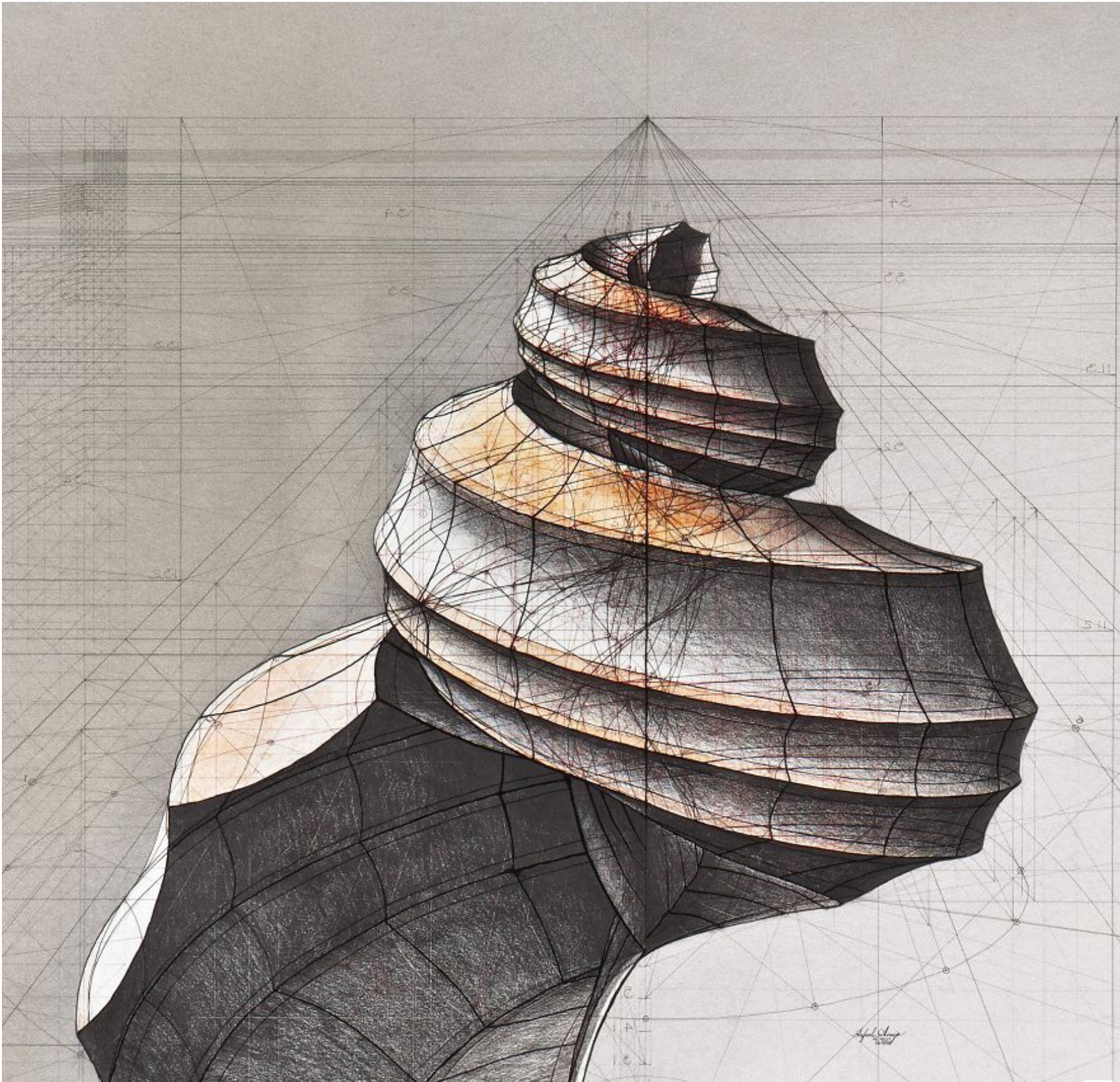


Monarch Mirror Reflection



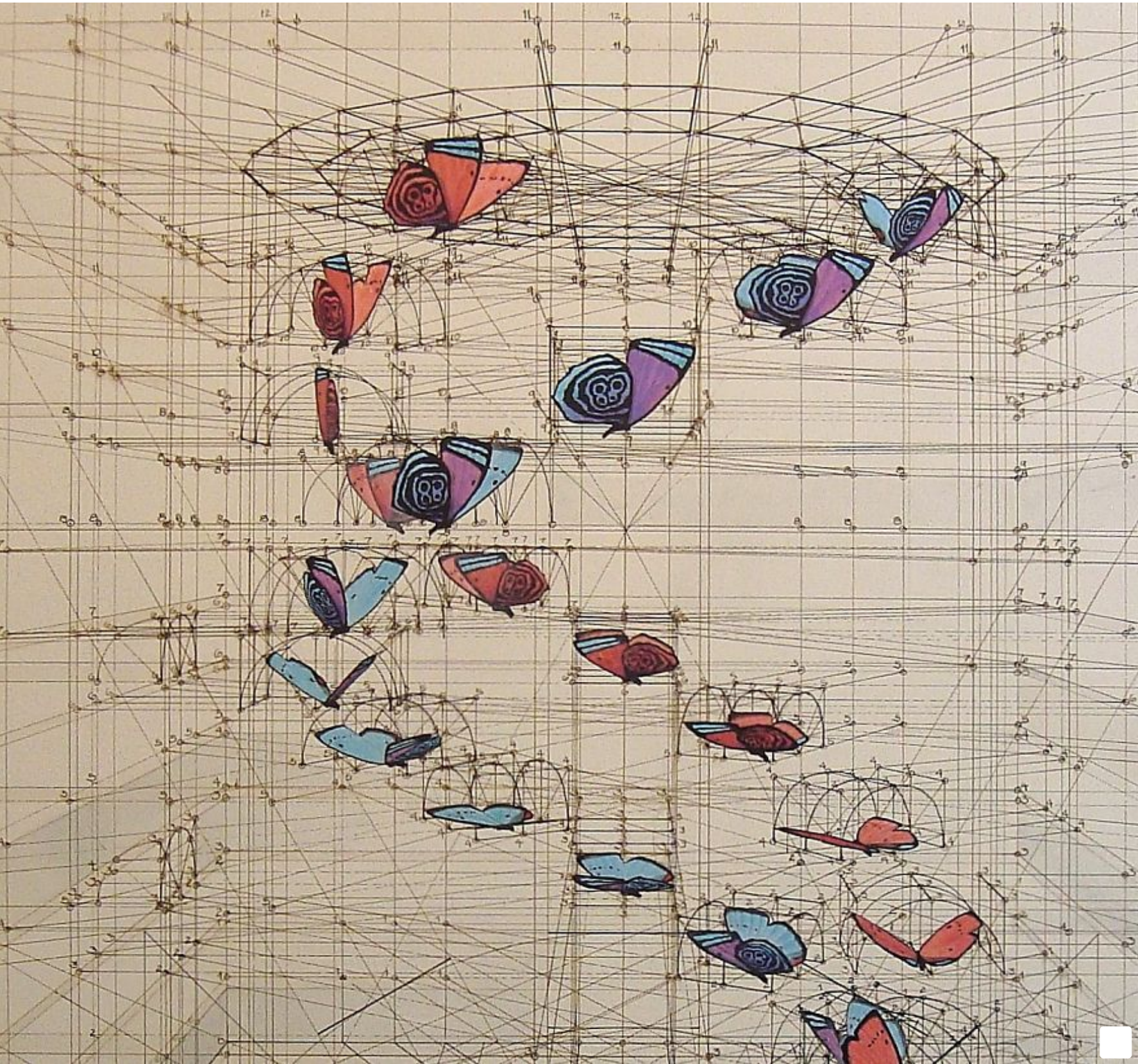


## Shell Detail



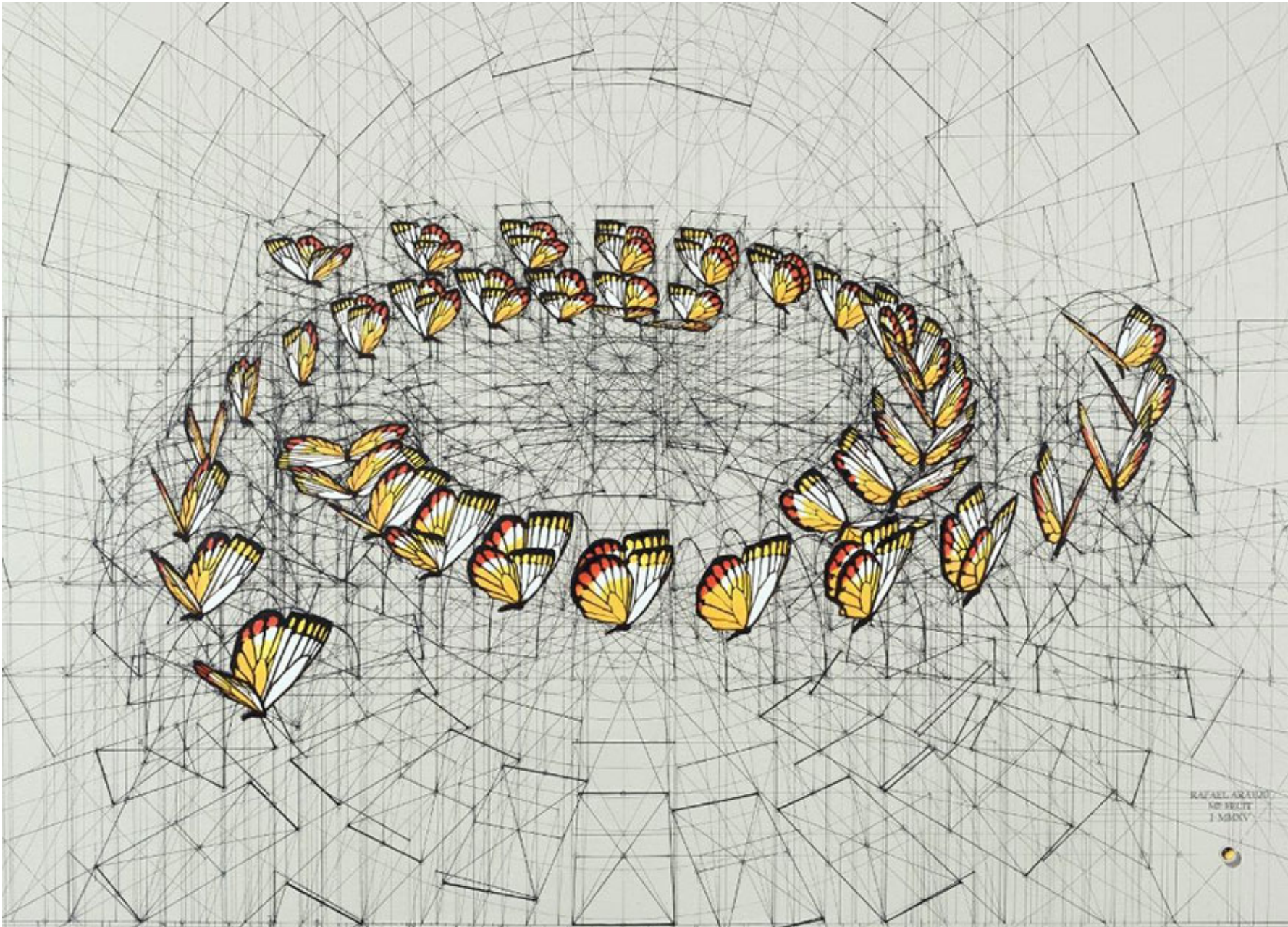


# DNA Double Helix

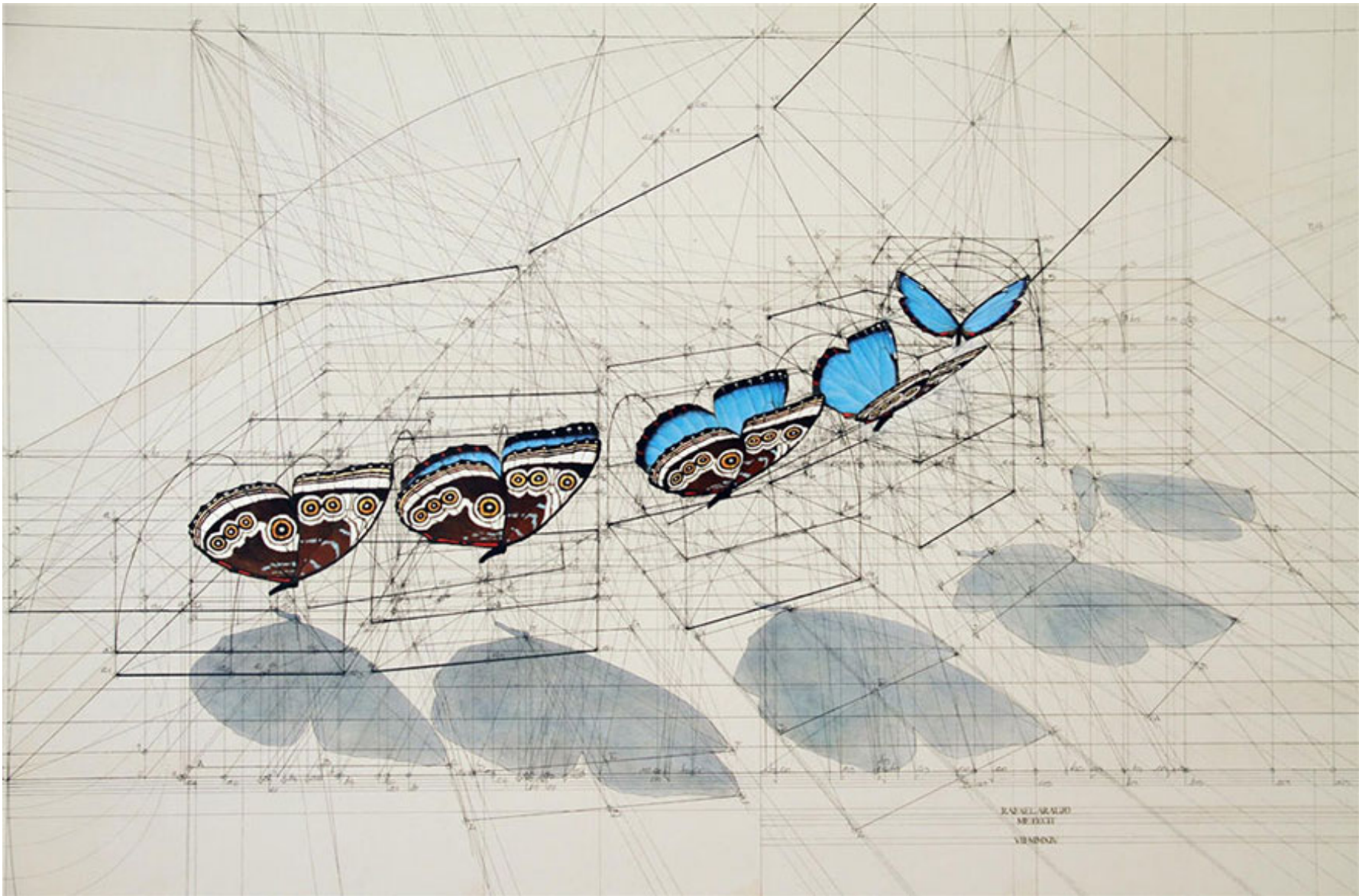


# Three Flat Spirals



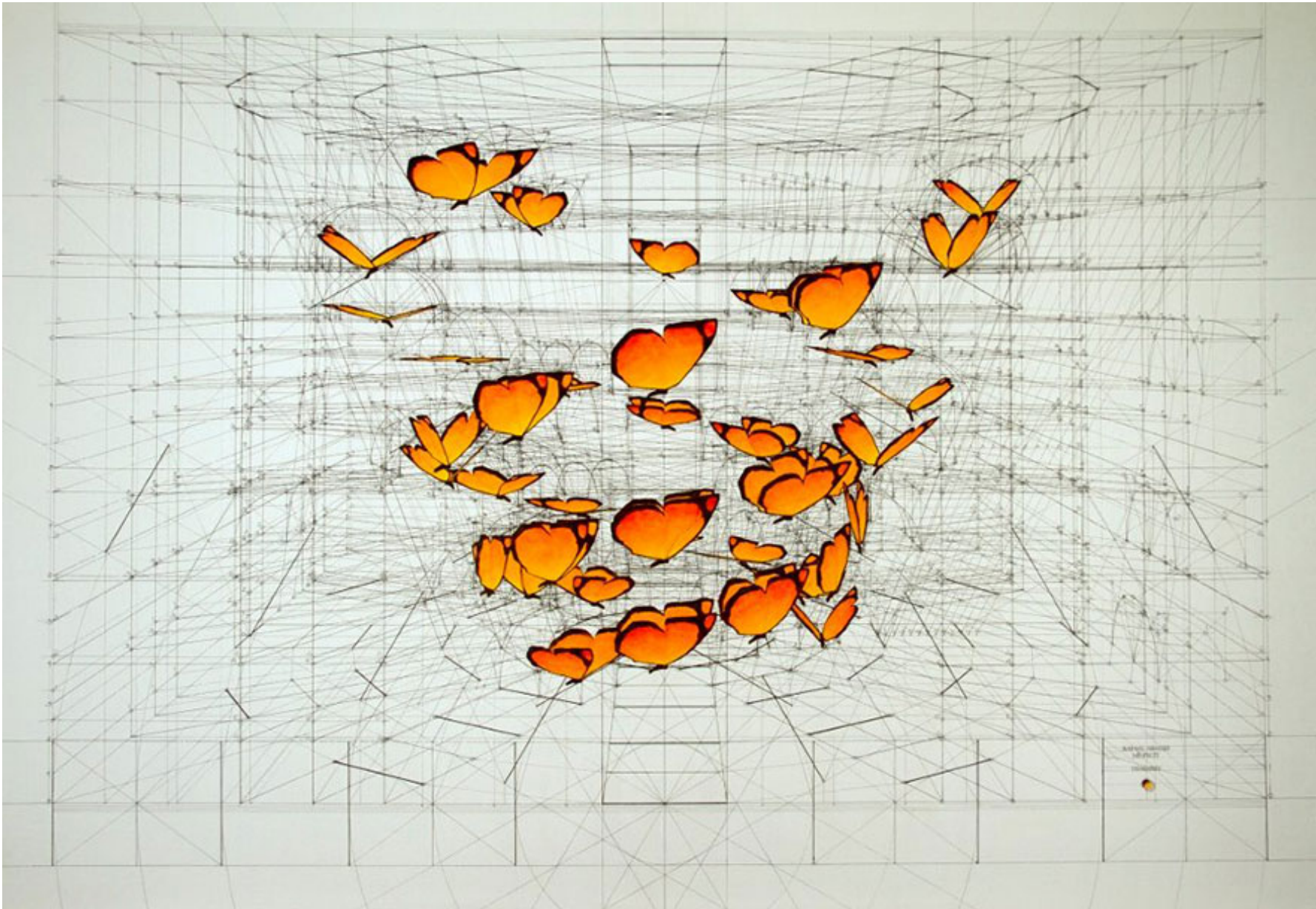


Blue Morpho Sequence

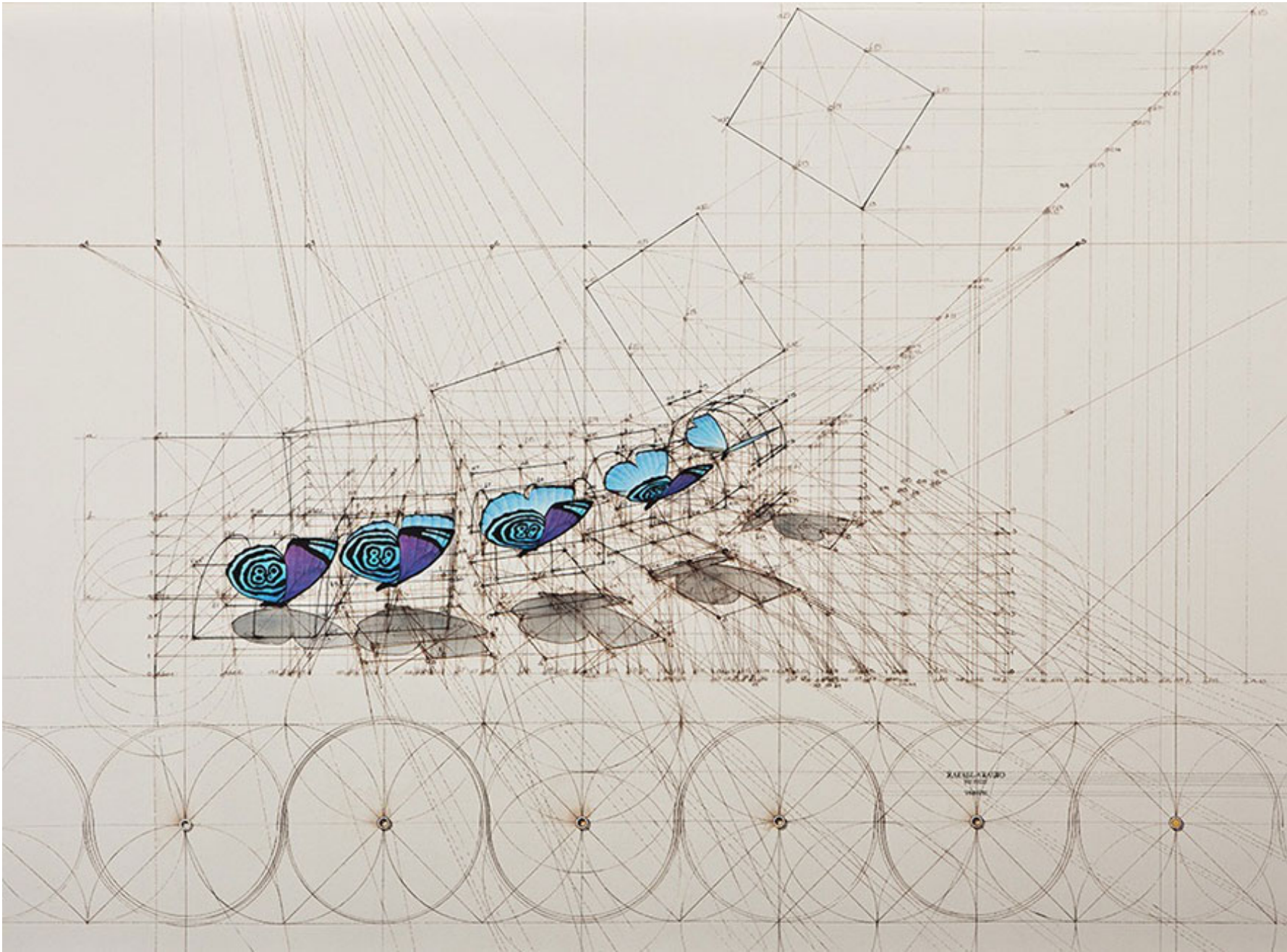


Monarch, Triple Helix





## Diaethrea Sequence

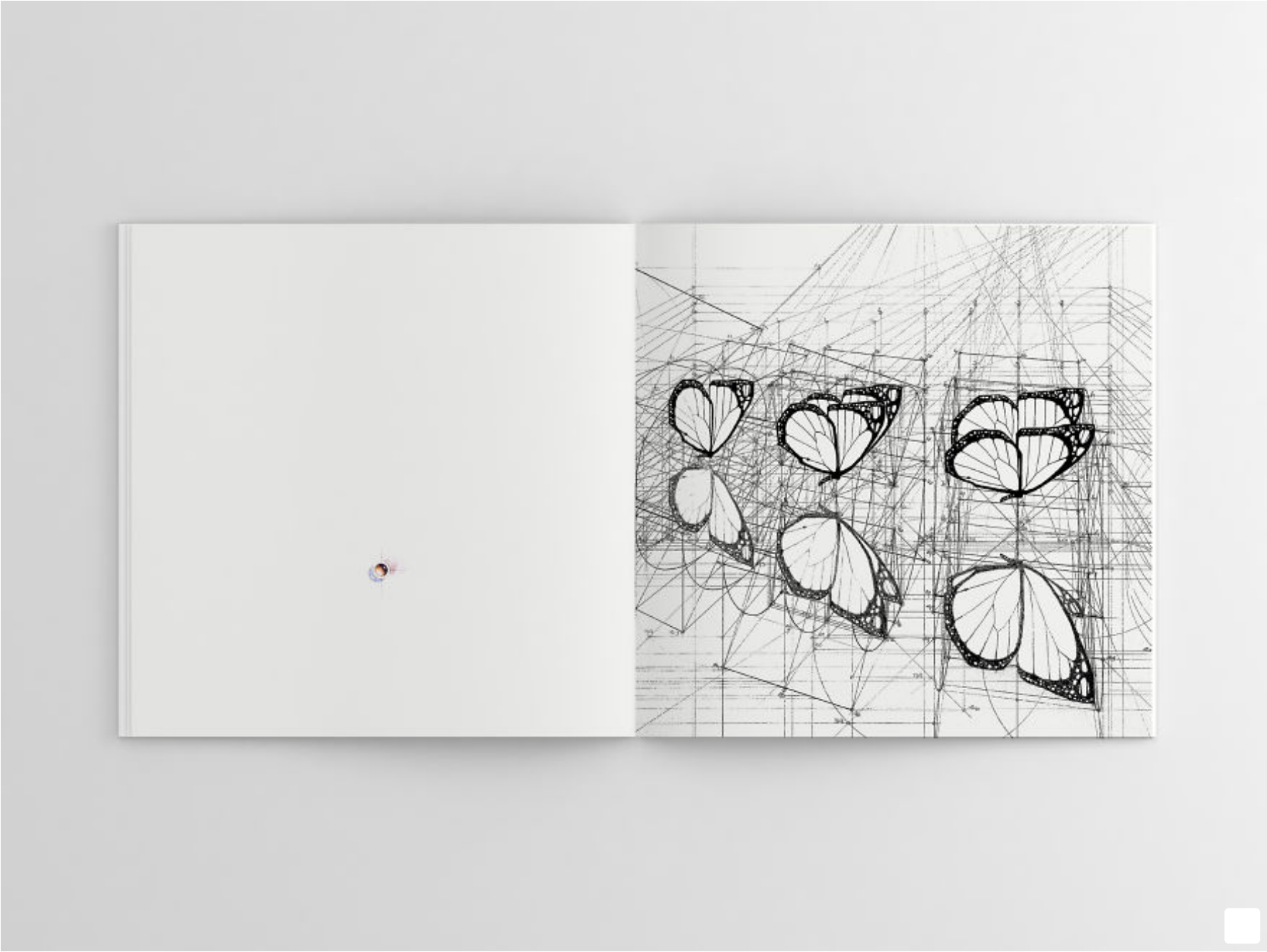


## The Golden Ratio coloring book



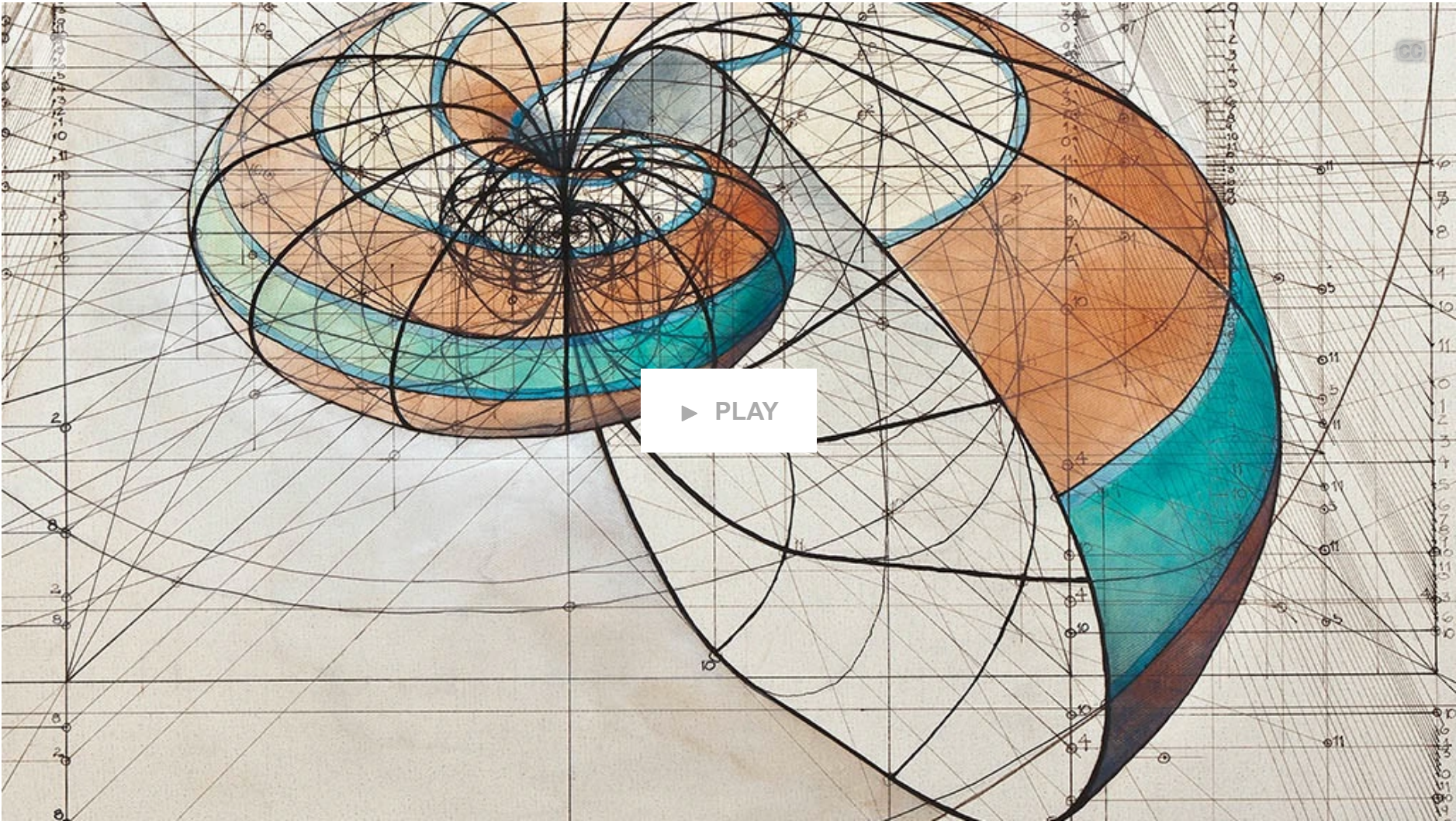


Waiting to be colored in



Back cover of the Golden Ratio coloring book





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**Melinda Restrepo**  
Author, Community member

A passionate foodie, and a recently certified 200-hour yoga teacher, Melinda works for Google during the day and works with her entrepreneur husband on creative projects at



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- 

Charlene Adams

3 years ago

I had an idea like this once but for the lifeof me could not put it to paper .Very nicely down. strange that we almost had the same vision

↑ 2 ↓


Reply
- 

Karen T

3 years ago

I had a very similar idea, too! Interesting!

↑ 0 ↓


Reply
- 

ClouedMeakLin

3 years ago

Are we still on Earth...? This is beyond beauty.

↑ 2 ↓

Reply
- 

TobiasVogel

3 years ago

Nice book. I found this on <http://mustxhave.com/content/golden-ratio-coloring-book-malbuch-fur-erwachsene> And right away I’ve ordered it! I’m so excited!

↑ 1 ↓

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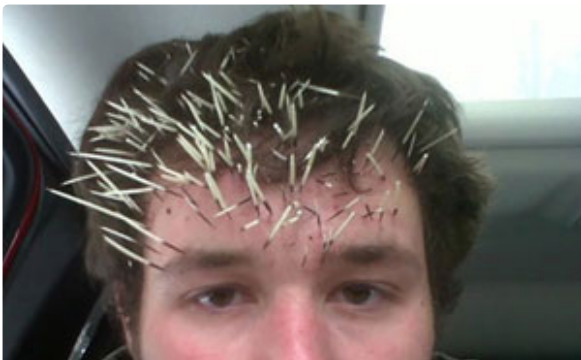
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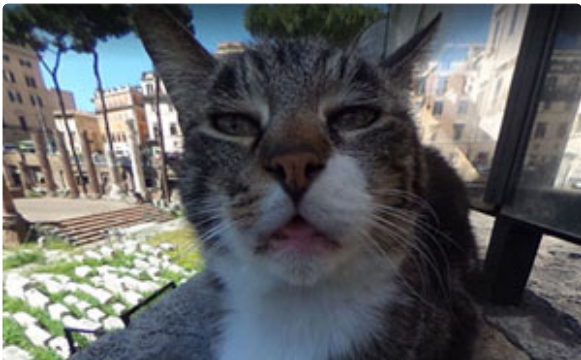
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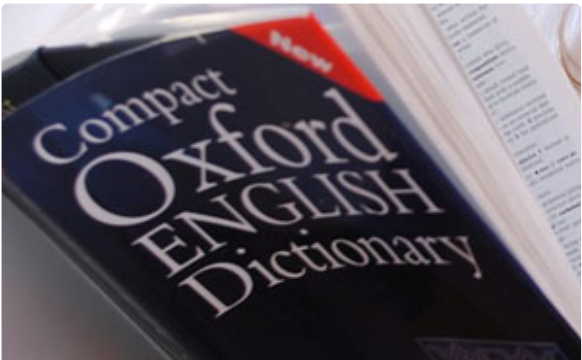




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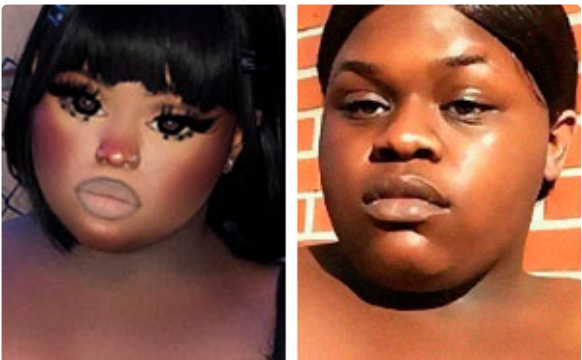
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