

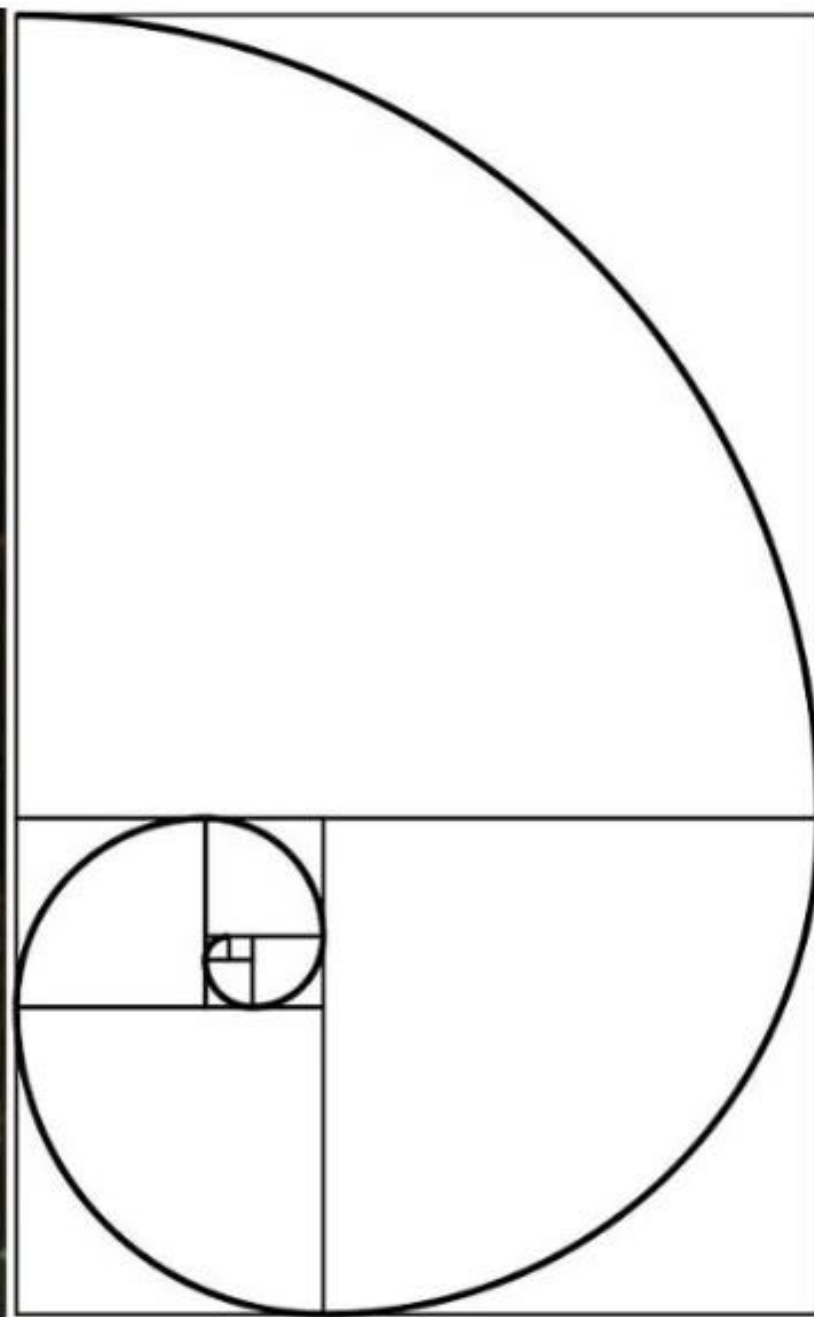
Golden Ratio

The golden ratio is also known as the golden number, golden proportion or the divine proportion.

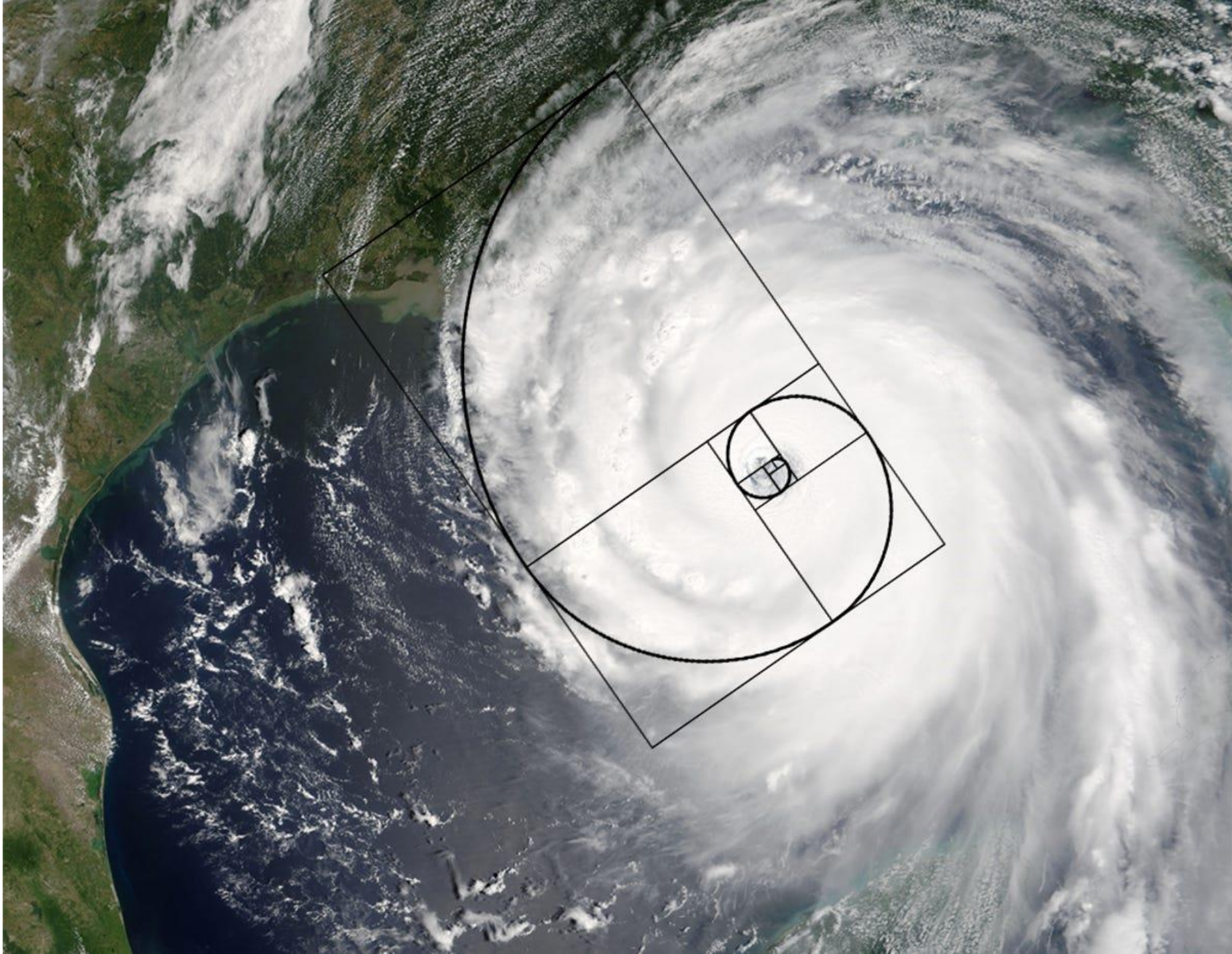
The first known mention of the golden ratio is from around 300 BCE in Euclid's Elements, the Classical Greek work on mathematics and geometry.

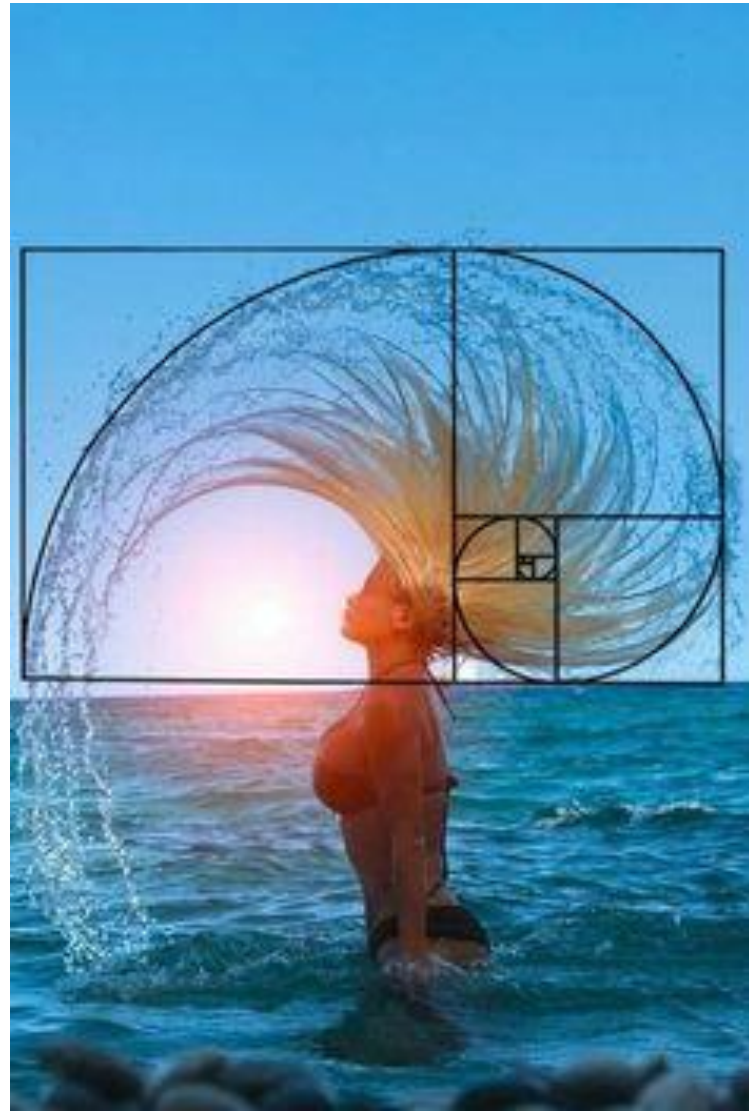
Approximately

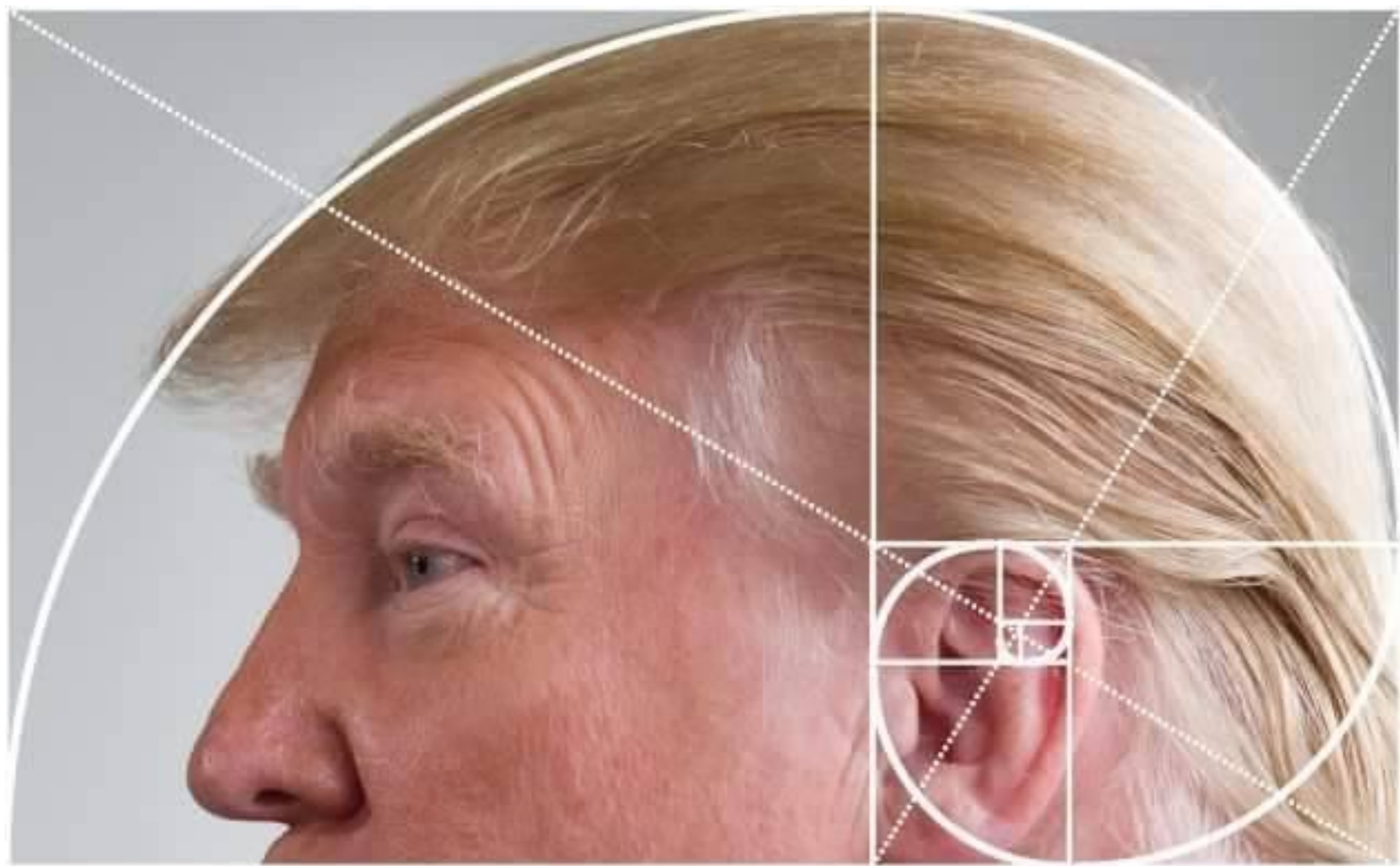
1.618...









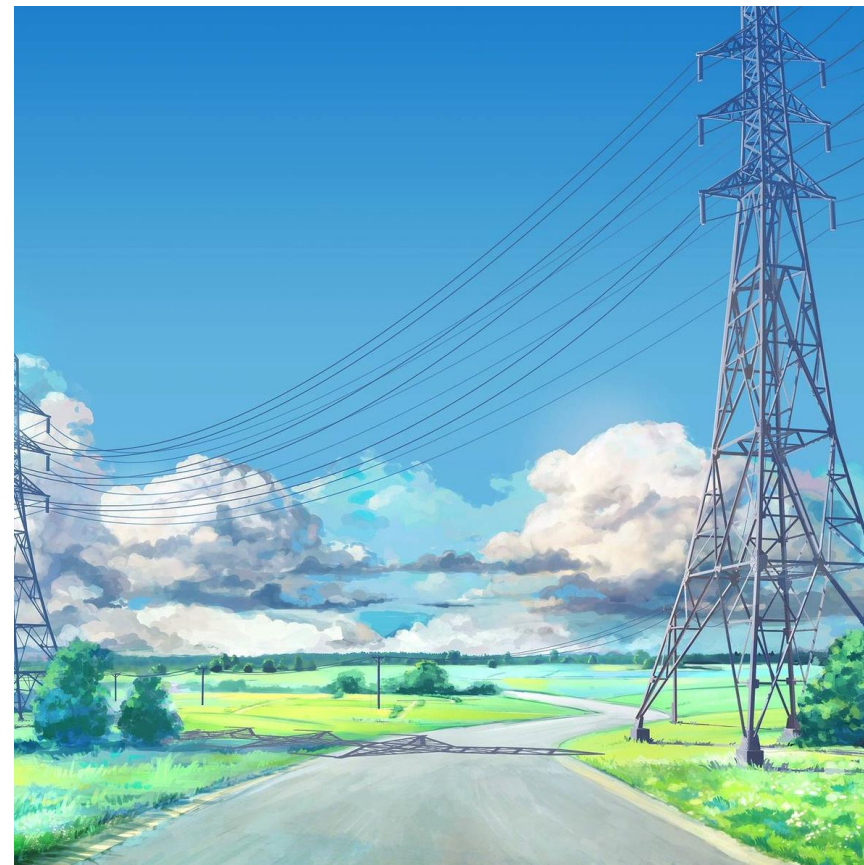


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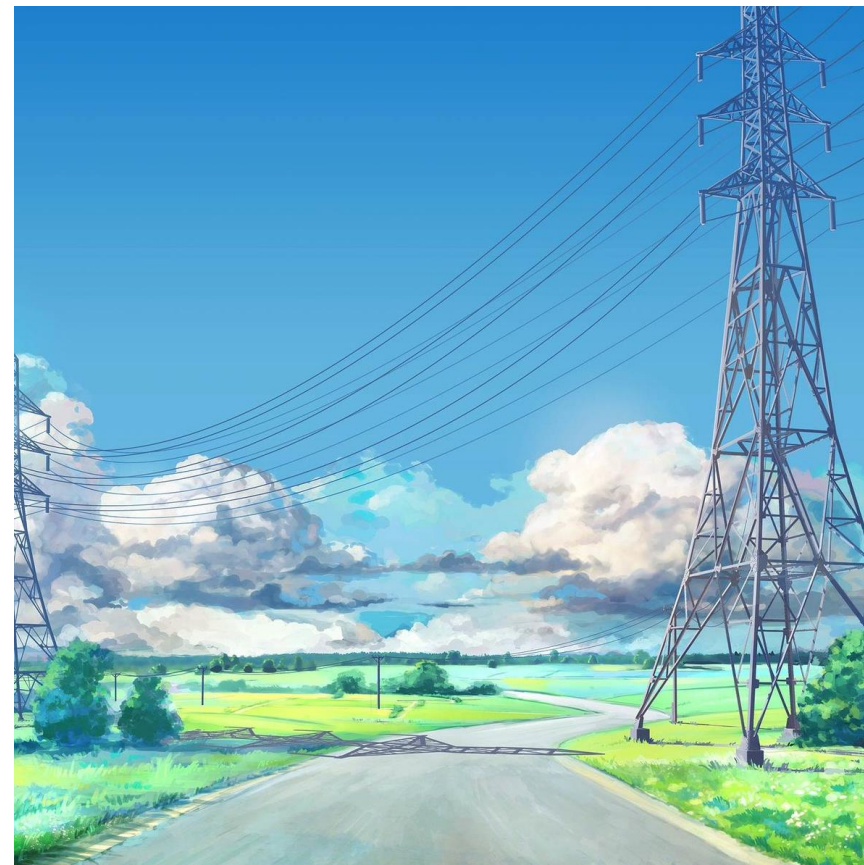
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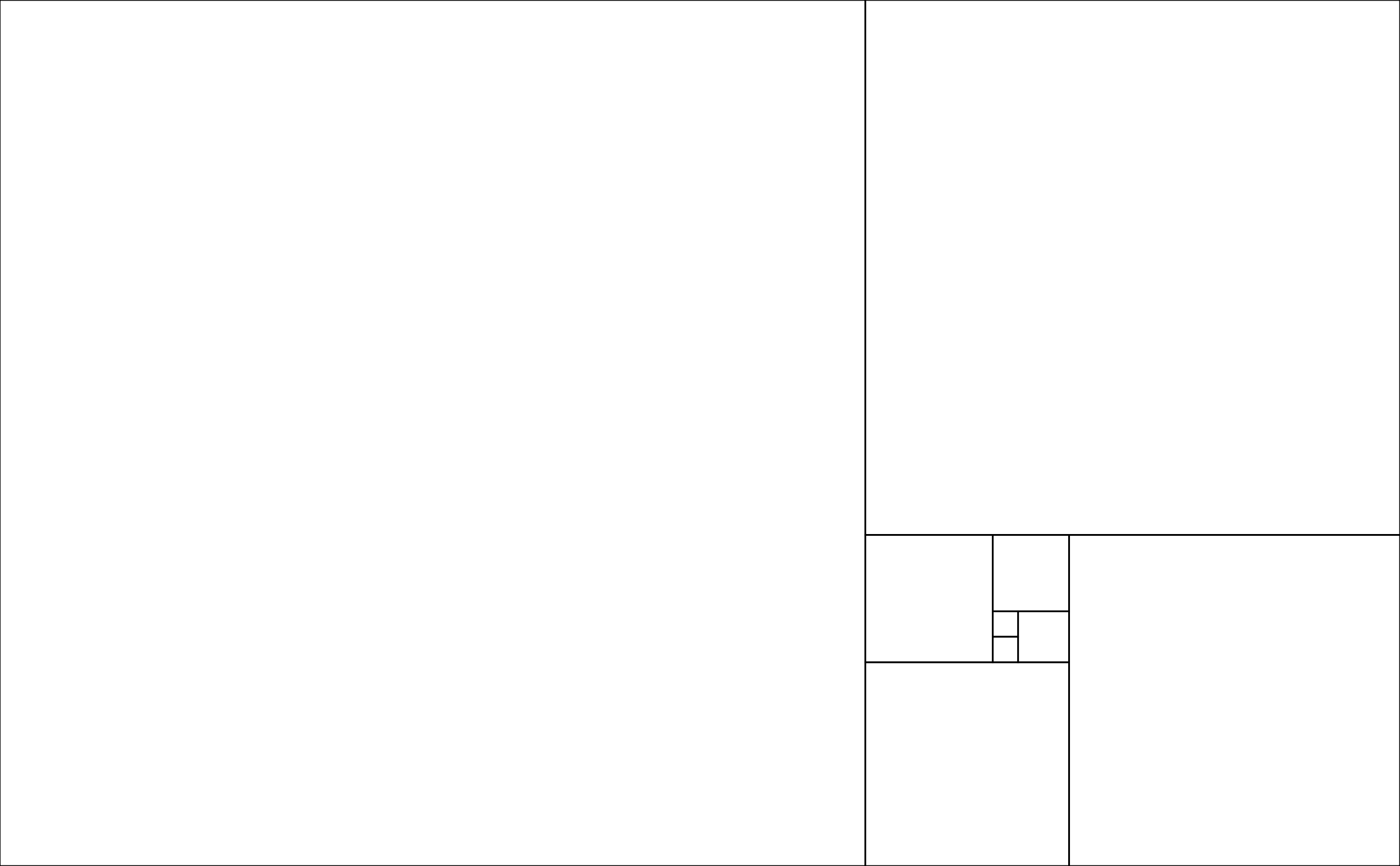
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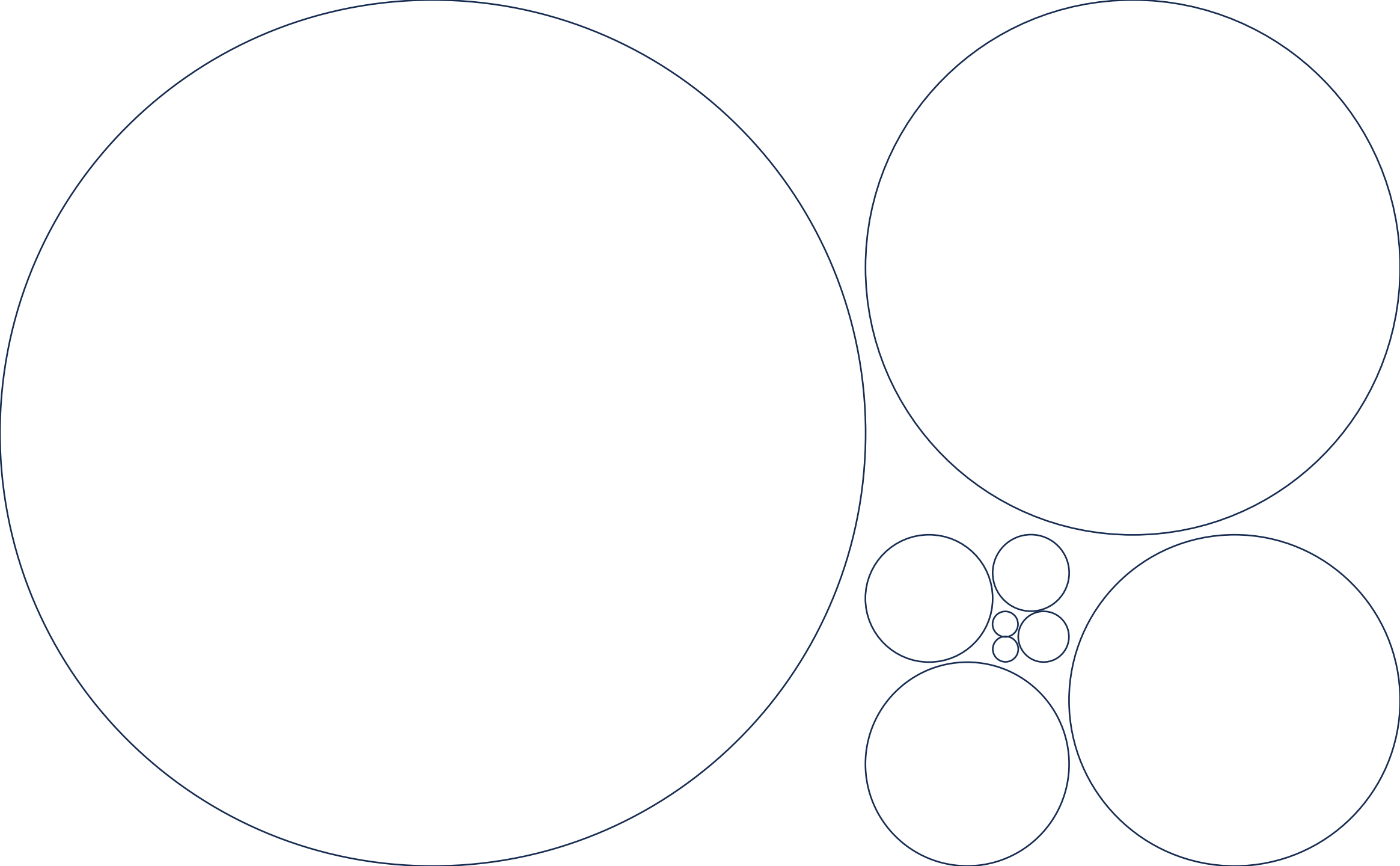
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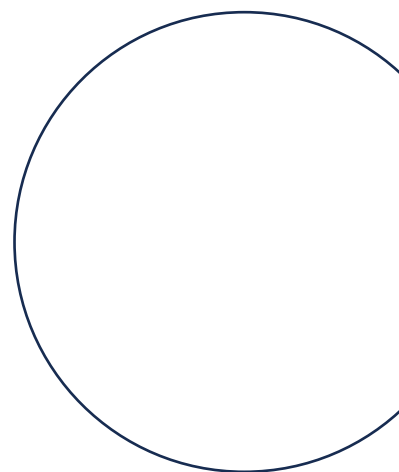
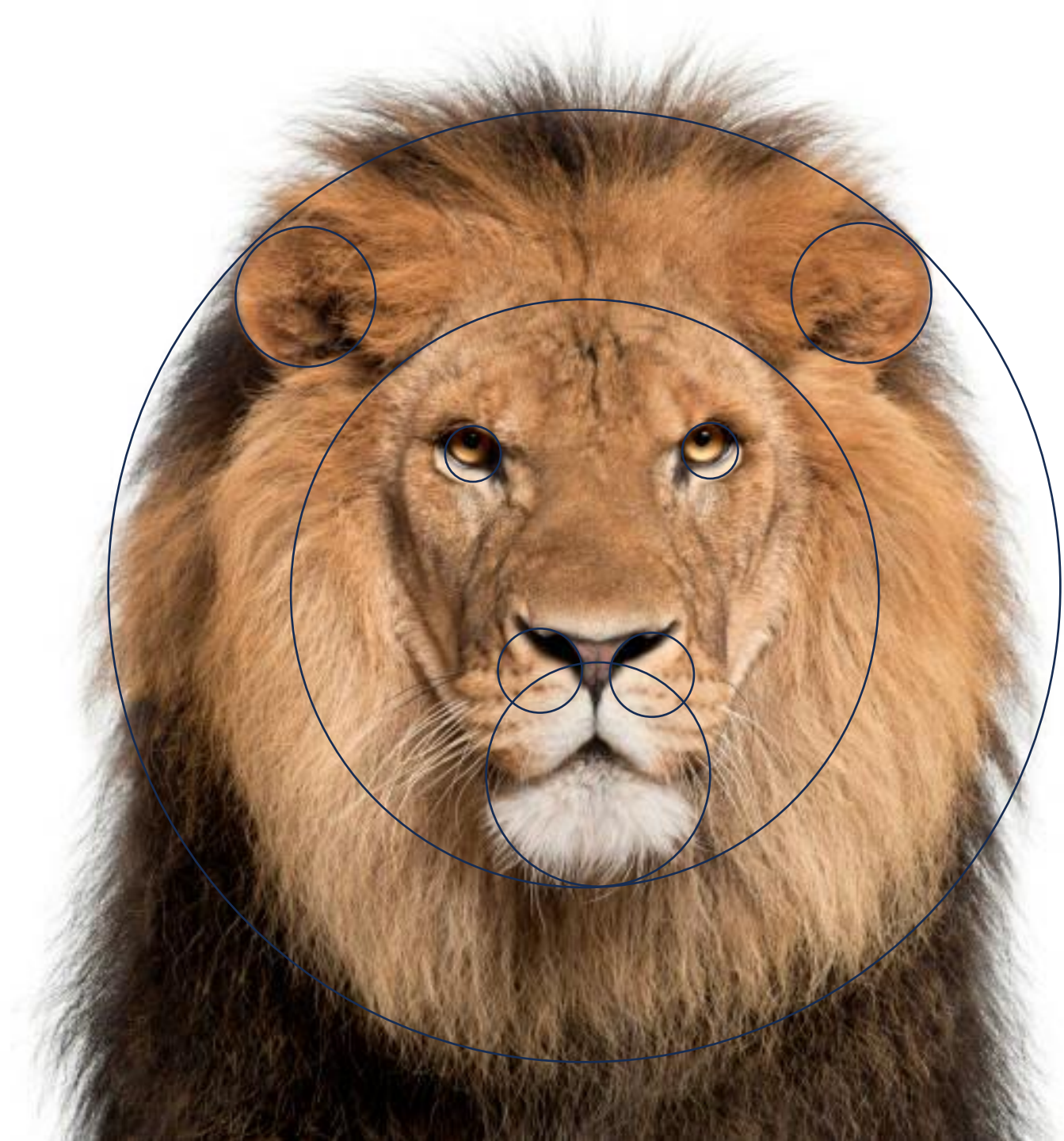
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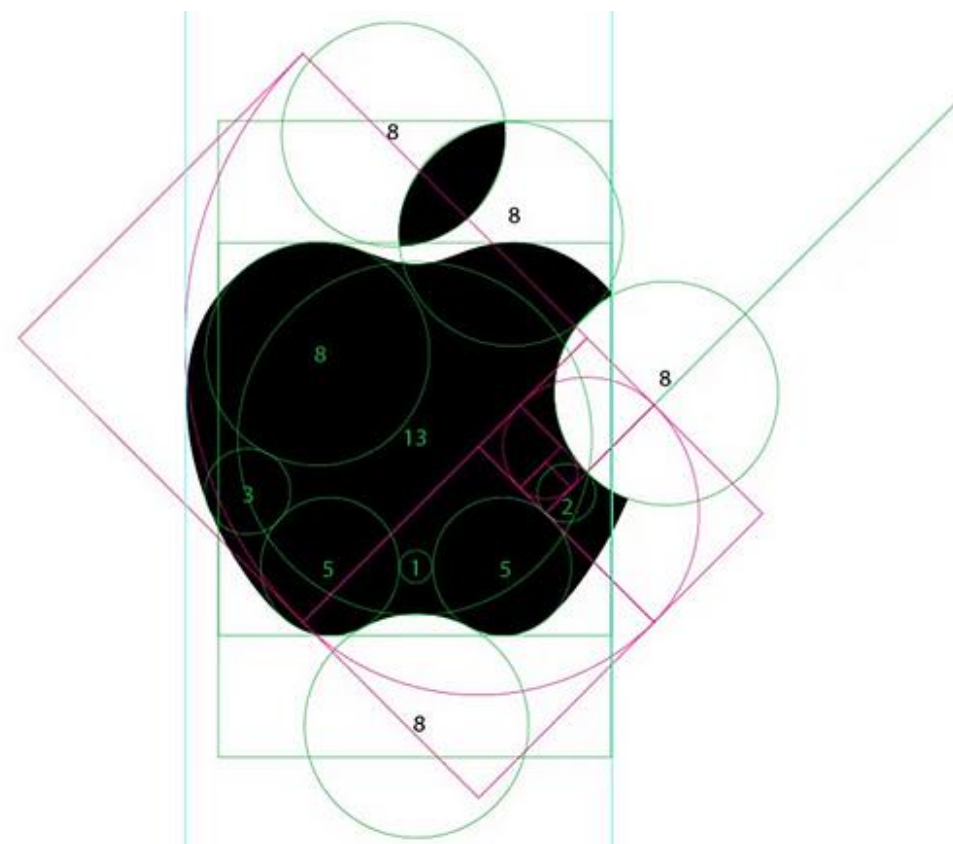
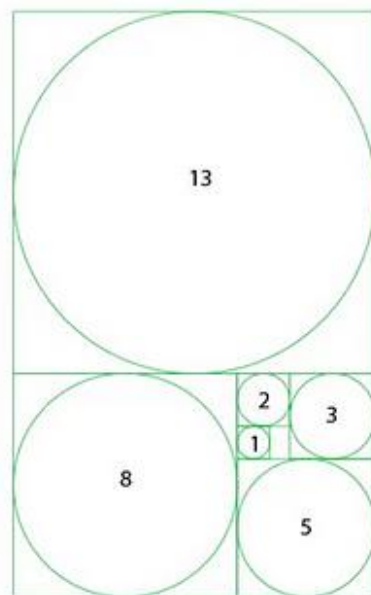
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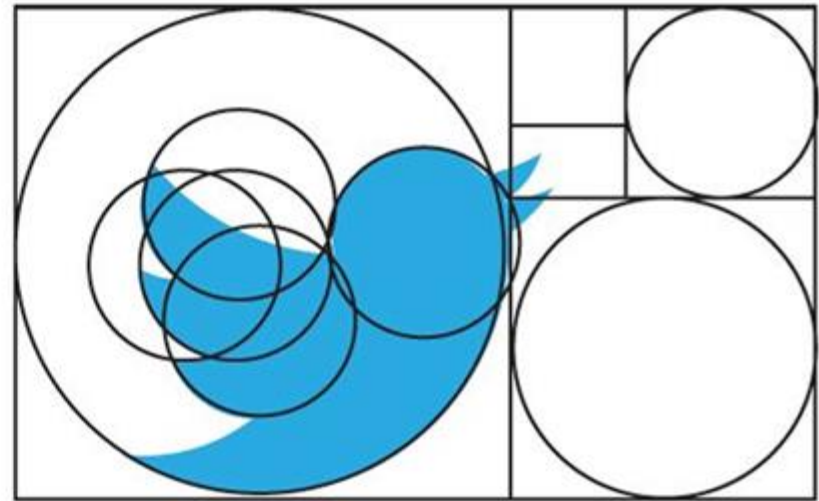


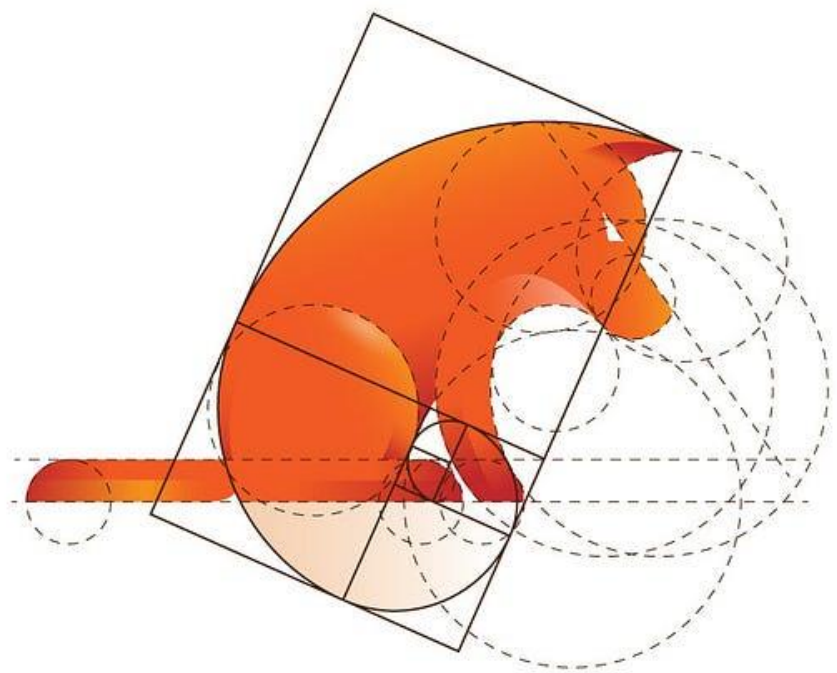


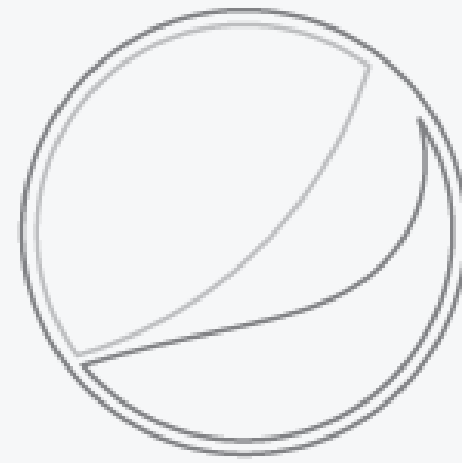
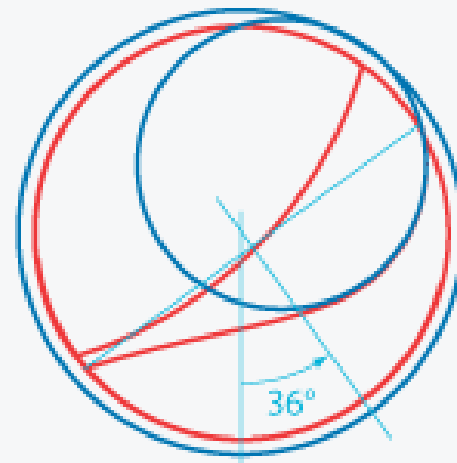
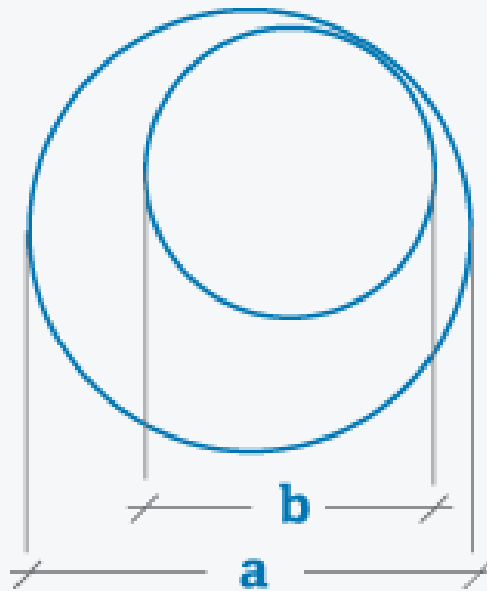


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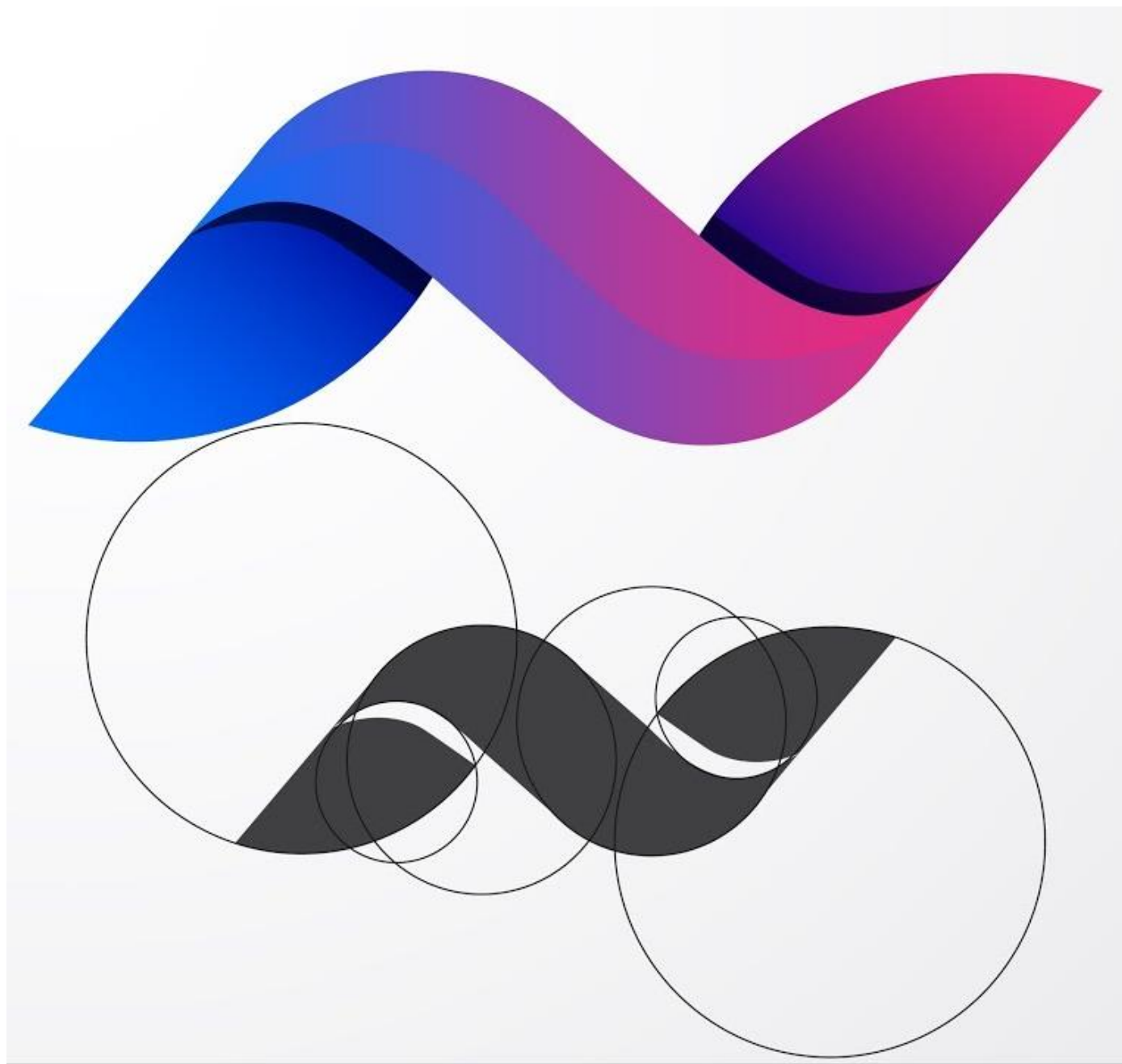








$$\frac{a}{b} = 1.618 !!! \text{ goldenratio}$$





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Learning Task

- Form a group with 3 members.
- Look for at least 2 printed media around the campus (even those outside).
- Take a picture of each and determine whether the improvements that you can implement in the design using the golden ratio.
- The printed media that you have chosen will later be redesigned in the laboratory to incorporate the golden ratio.

