

Geometry in Real Life: crop circles

PGU Unna, diff EMC², january 2021

Crop circles – modeled with GeoGebra

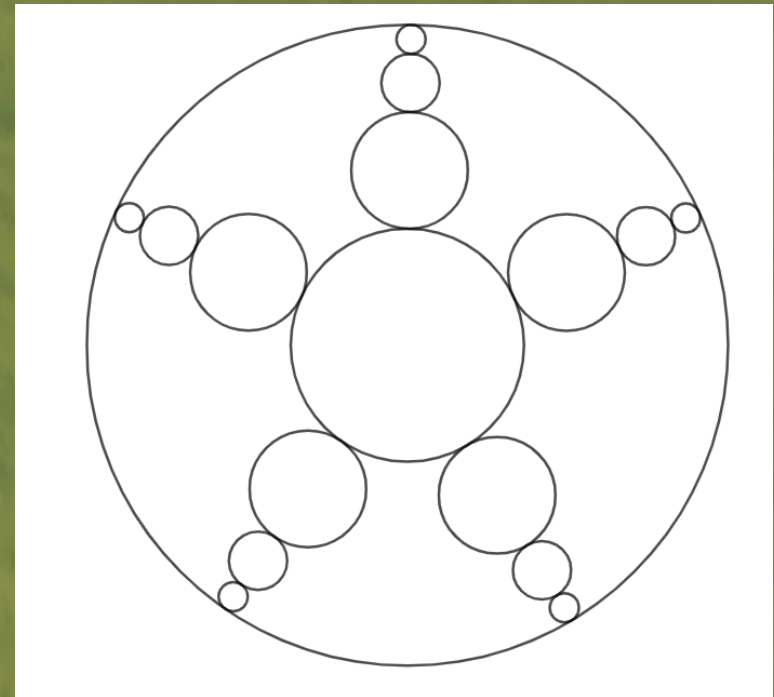
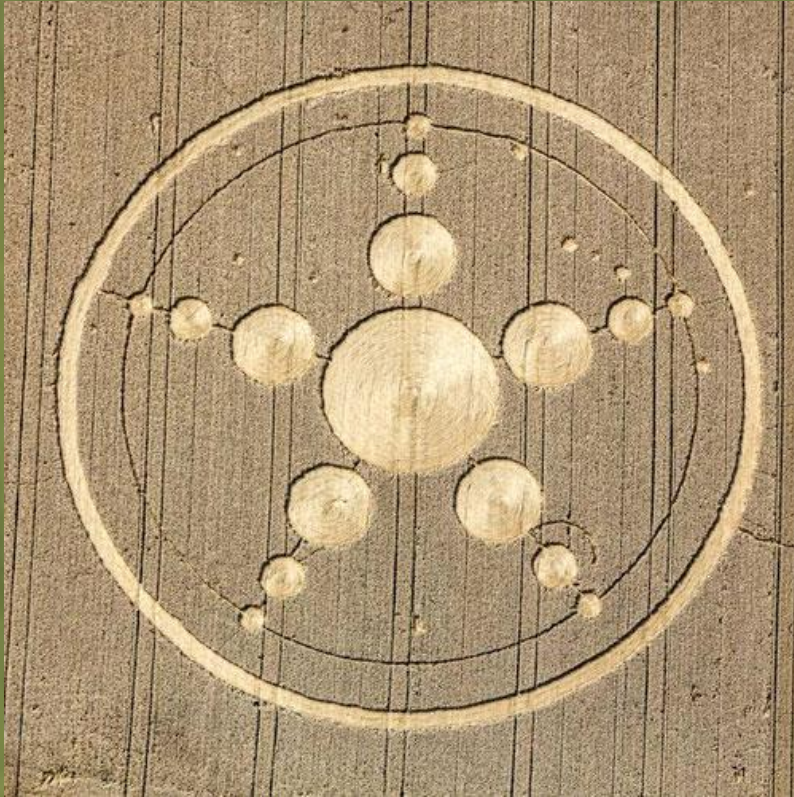
What about crop circles? Where do we find them?

Crop circles appeared in the early 1980s on farmers land in U. Reports in the media about crop circles all over the world exploded in the next 10 years. Mostly there are geometric pattern, very huge and sometimes full of complex math.

There had been many theories about these crop circles and nobody really could explain how they were made

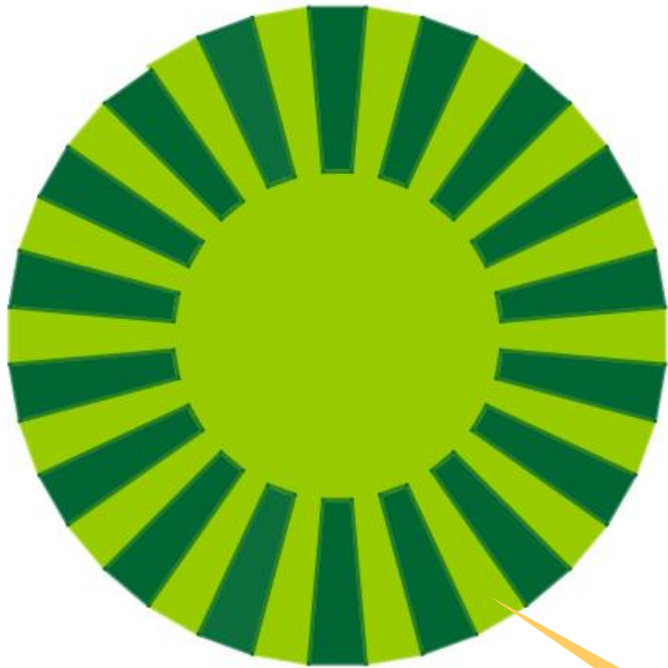
So a lot of funny stories were told e.g. that these crop circles – of course man-made – were created by alien spaceships which landed on the ground.

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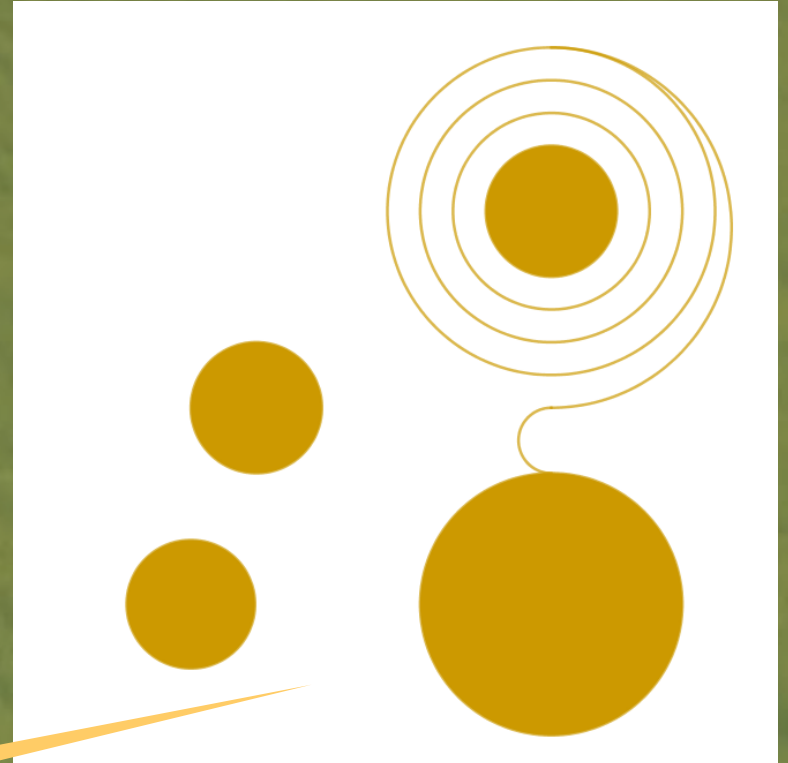
Amelie

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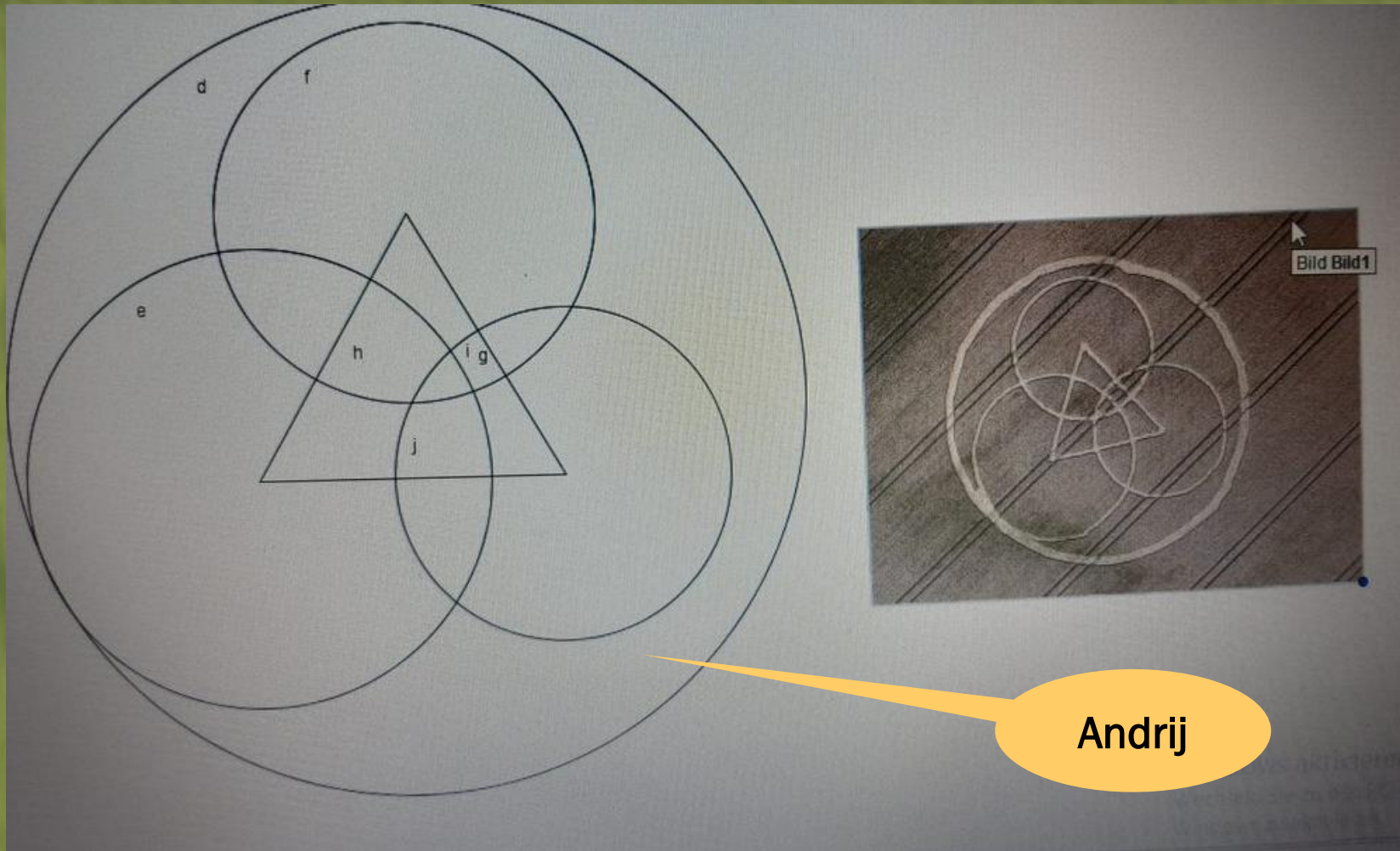
Monika

Crop circles – modeled with GeoGebra

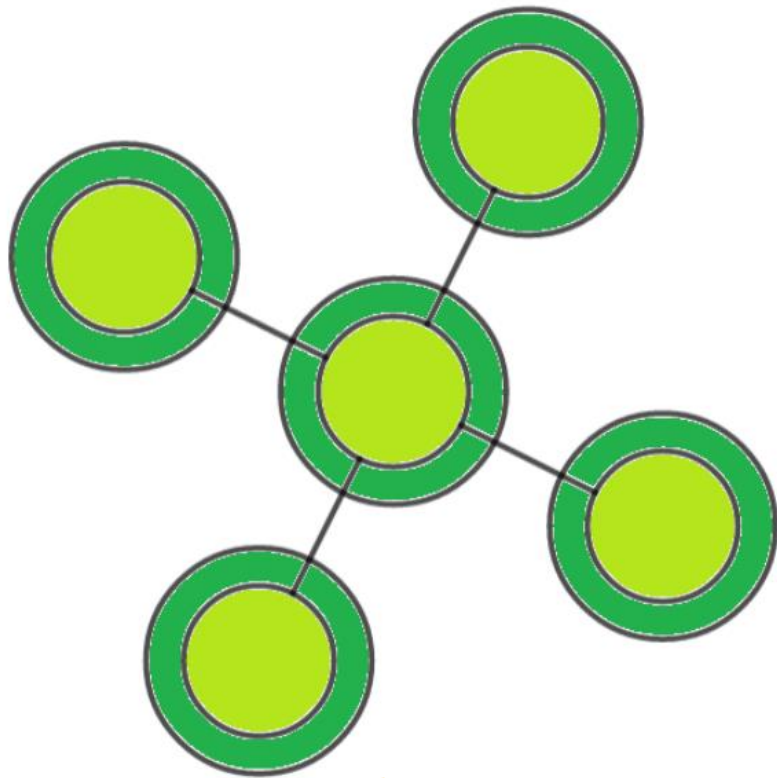


Luca B.

Crop circles – modeled with GeoGebra

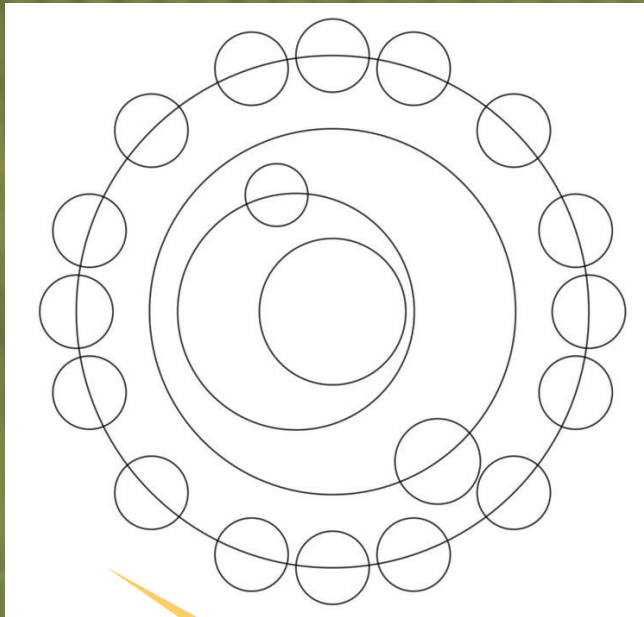


Crop circles – modeled with GeoGebra



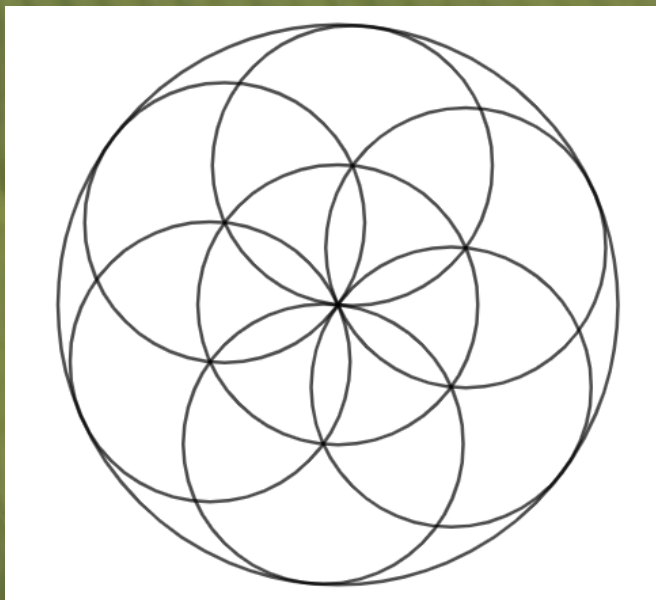
Mathis

Crop circles – modeled with GeoGebra



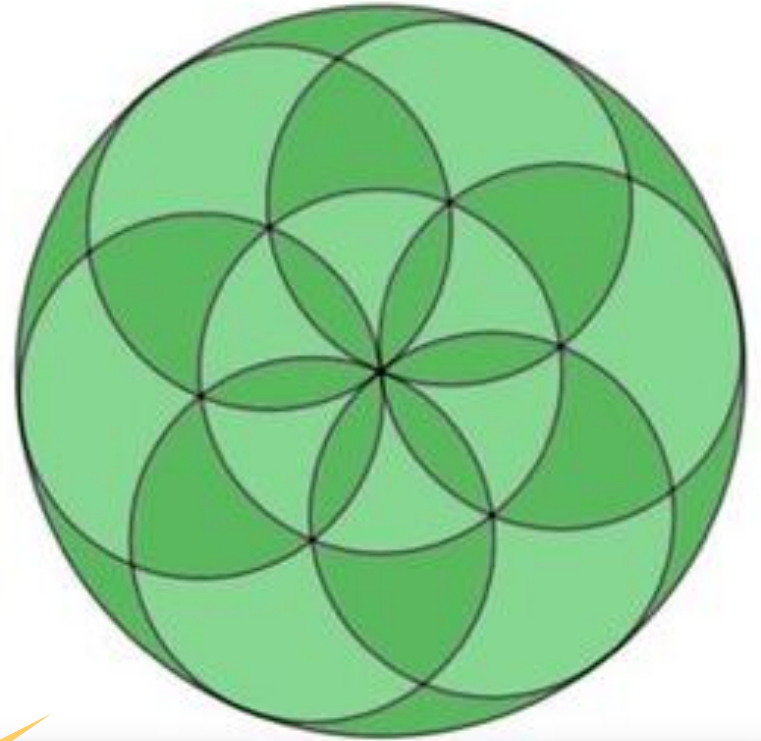
Josefin

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Jamie

Crop circles – modeled with GeoGebra

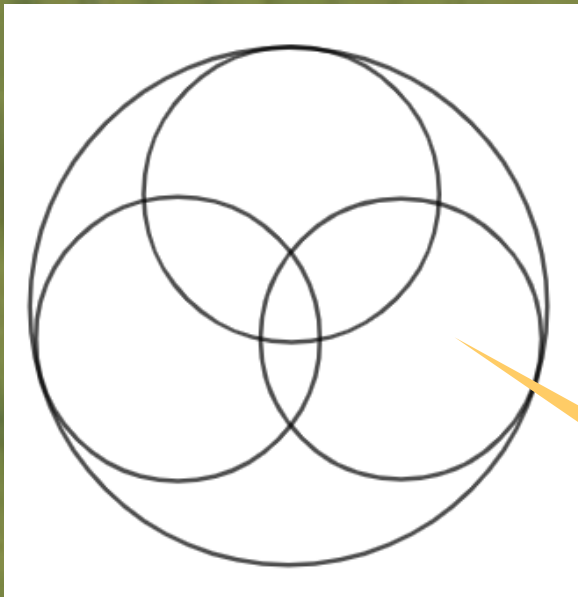


Sophie

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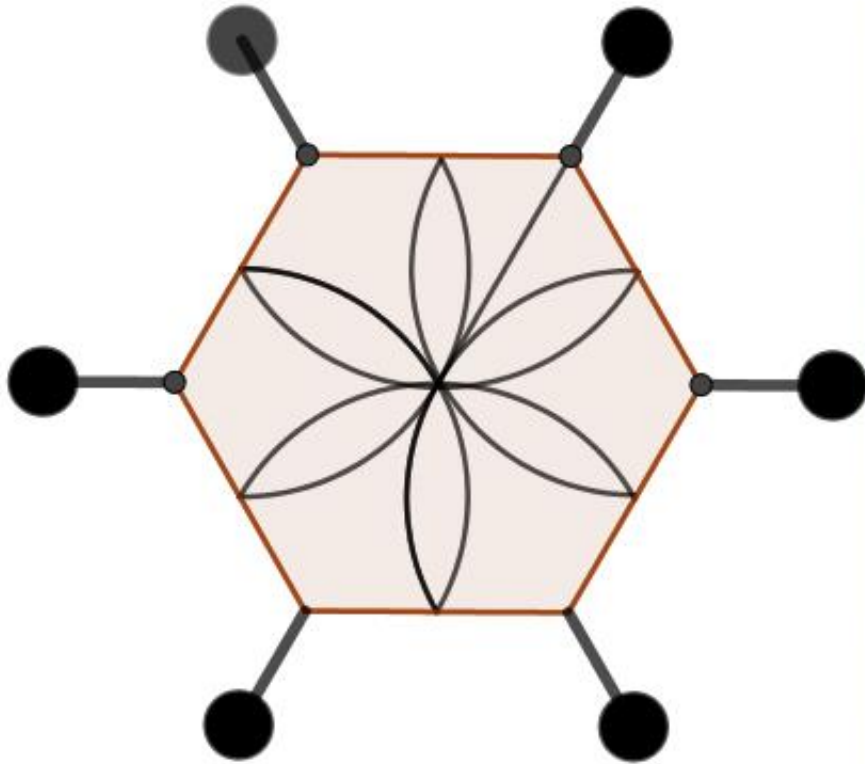


Crop circles – modeled with GeoGebra



Nevio

Crop circles – modeled with GeoGebra

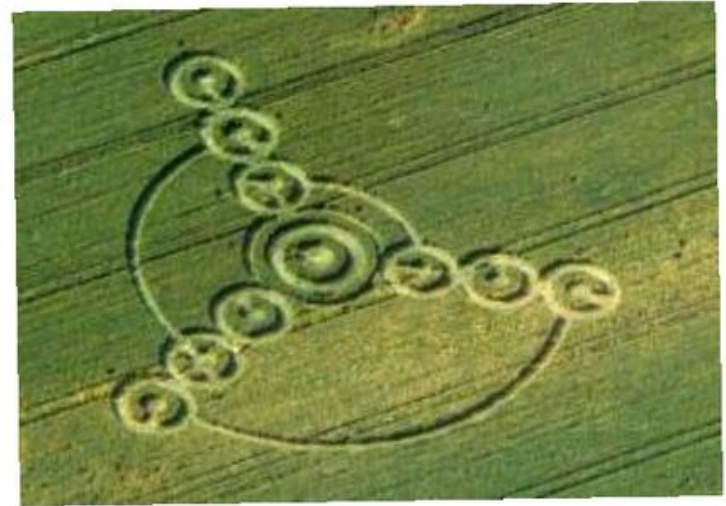
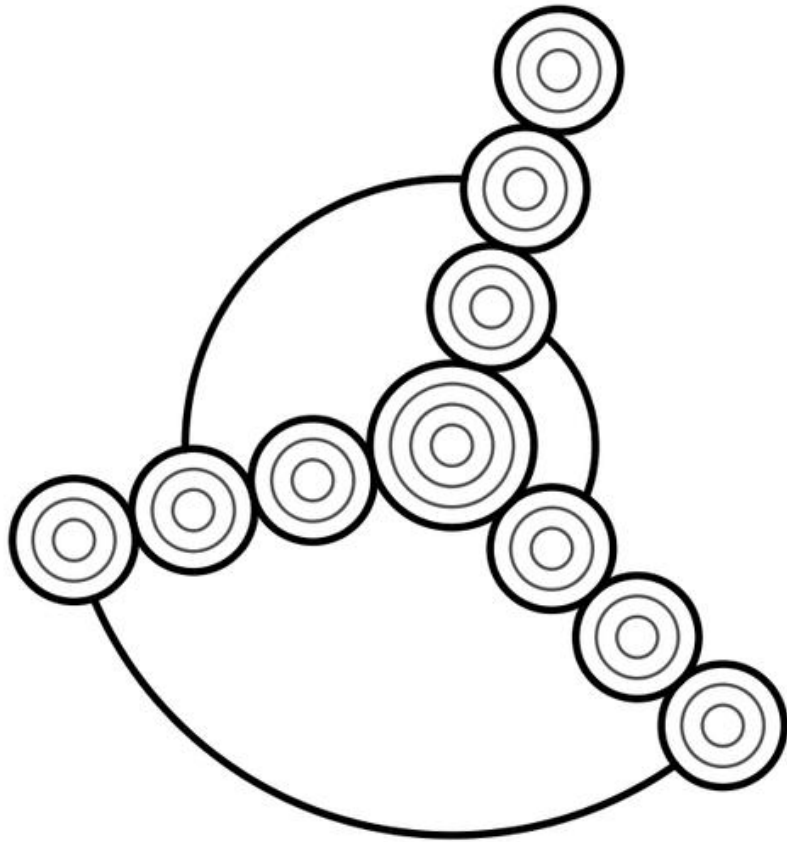


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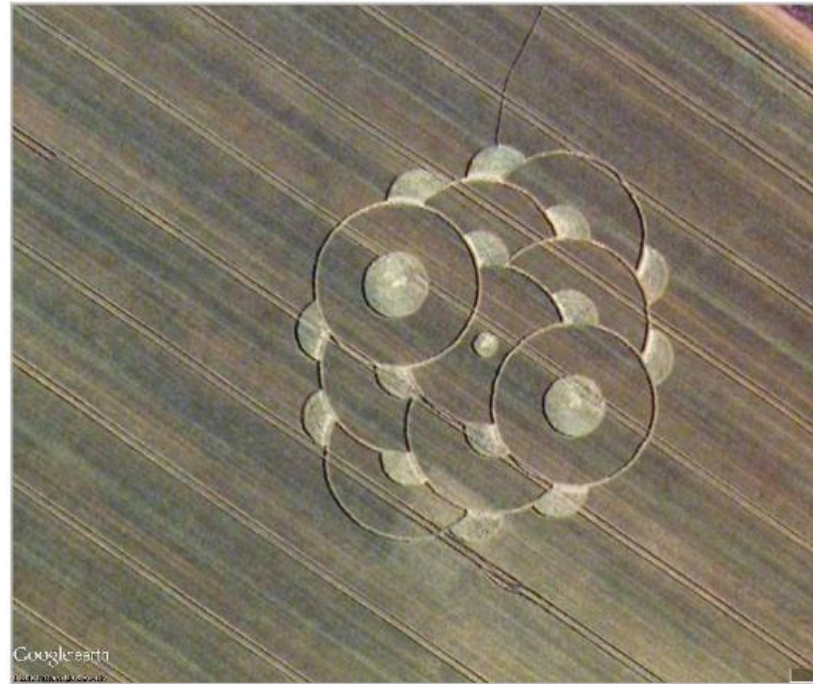
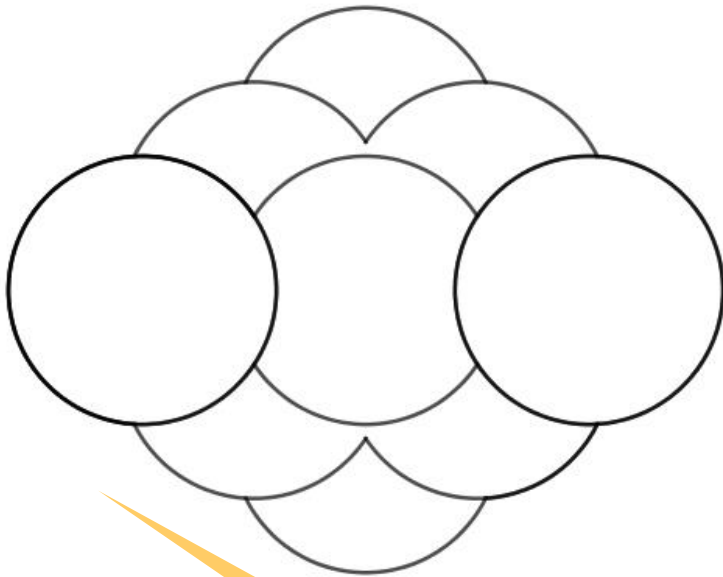


Moritz

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Sarah