

# GEOMETRICIAN'S VIEWS

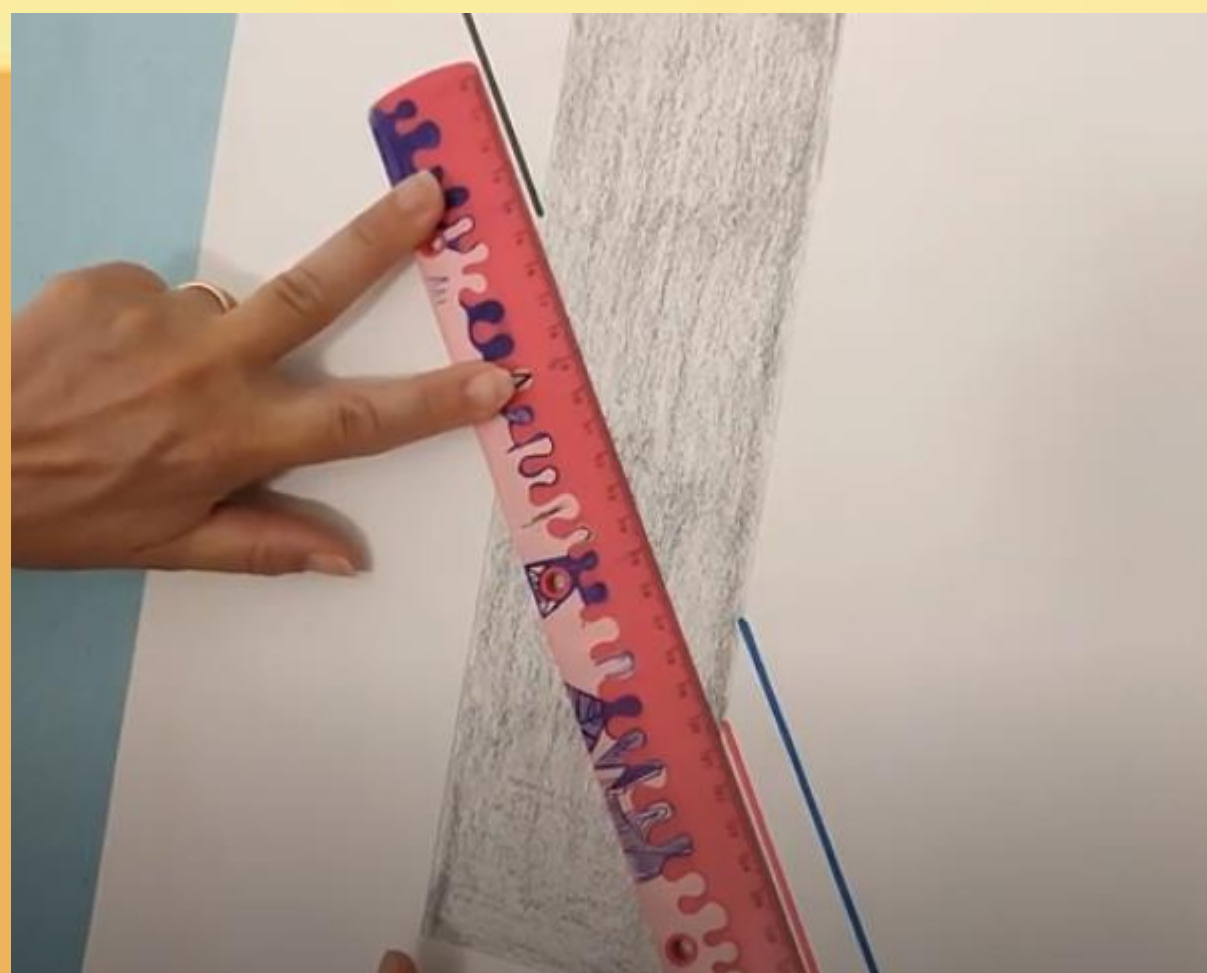
## TOPIC: illusions



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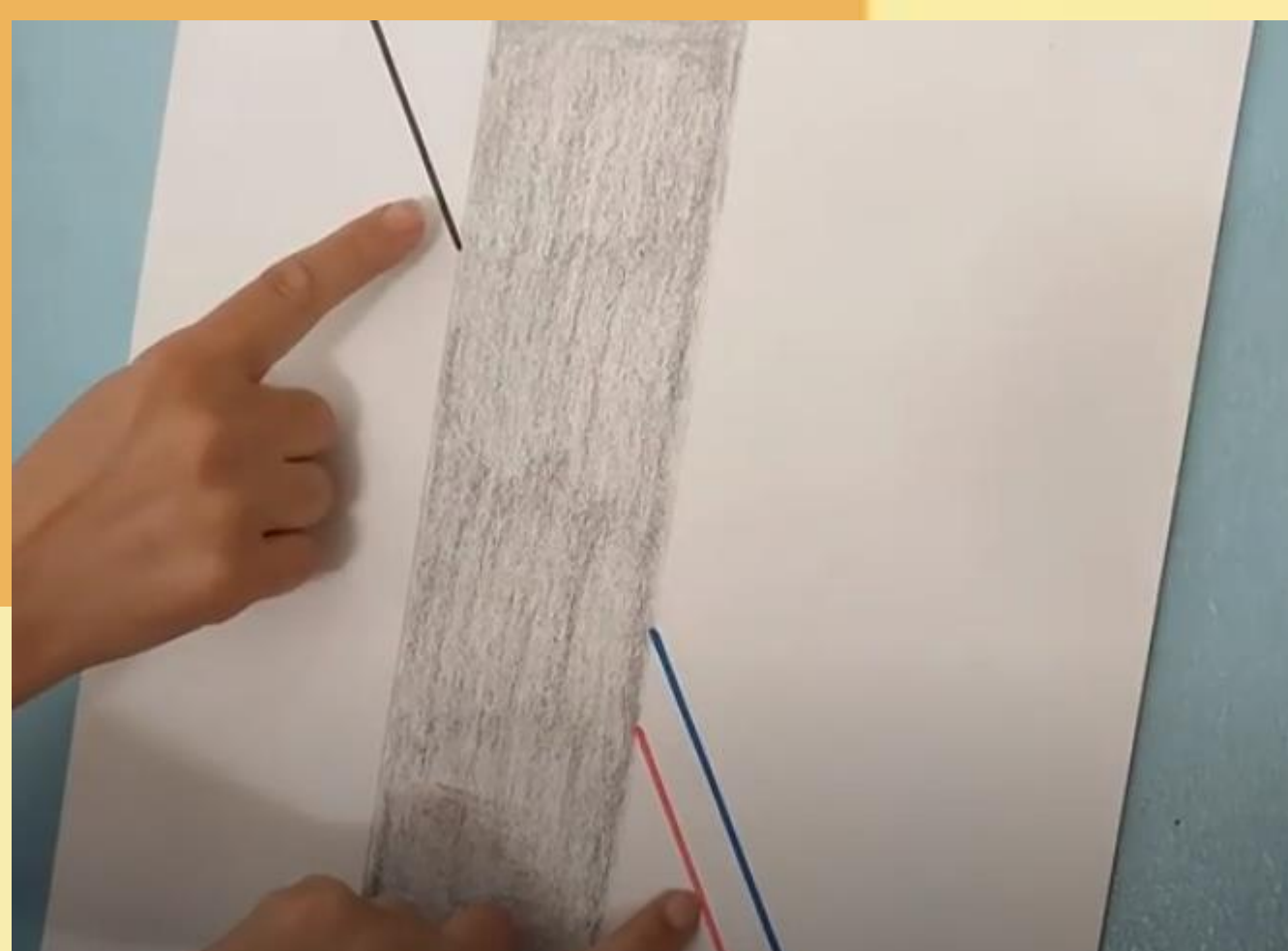
### Mathematical View



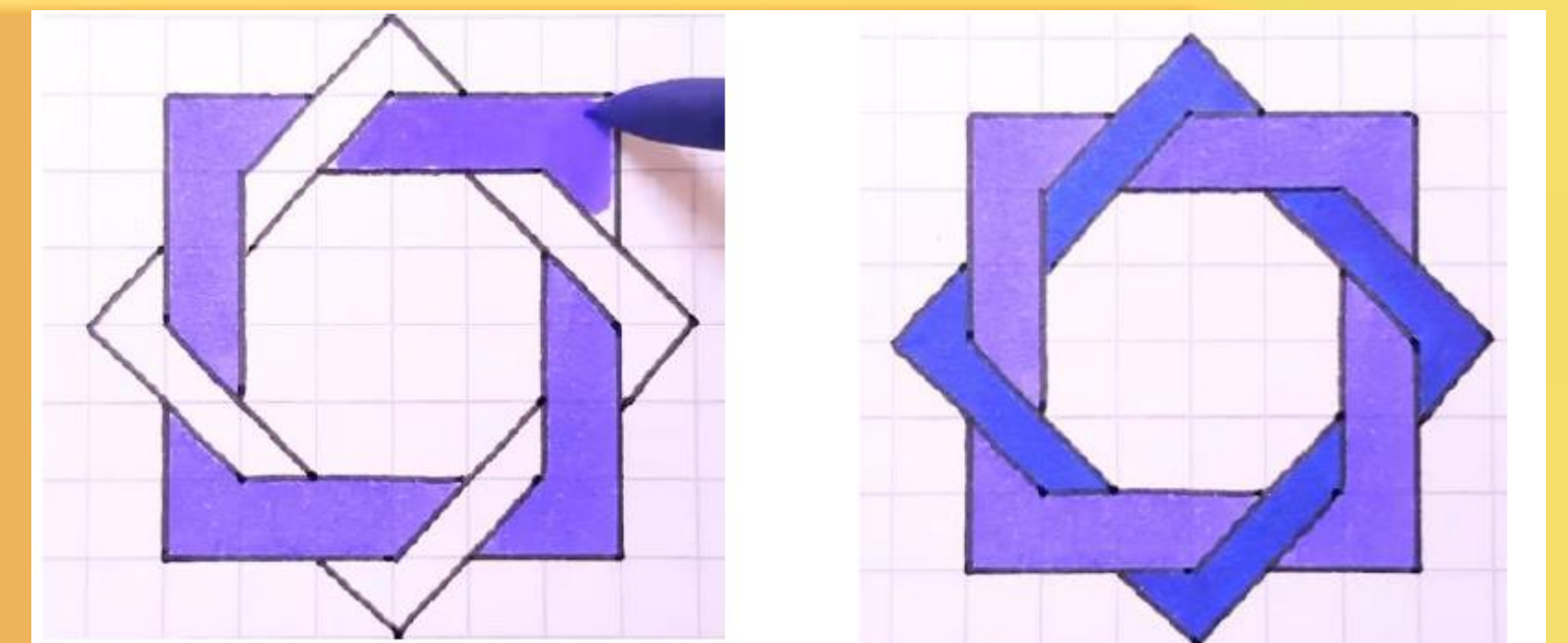
Geometrical-optical illusions  
optical illusions, in which the geometrical properties of  
what is seen differ from those of the corresponding  
objects in the visual field The activity was featured on  
February 16th, 2022.

#### Researcher

Emilios Vlastos, Filio Galou



### Artistic View



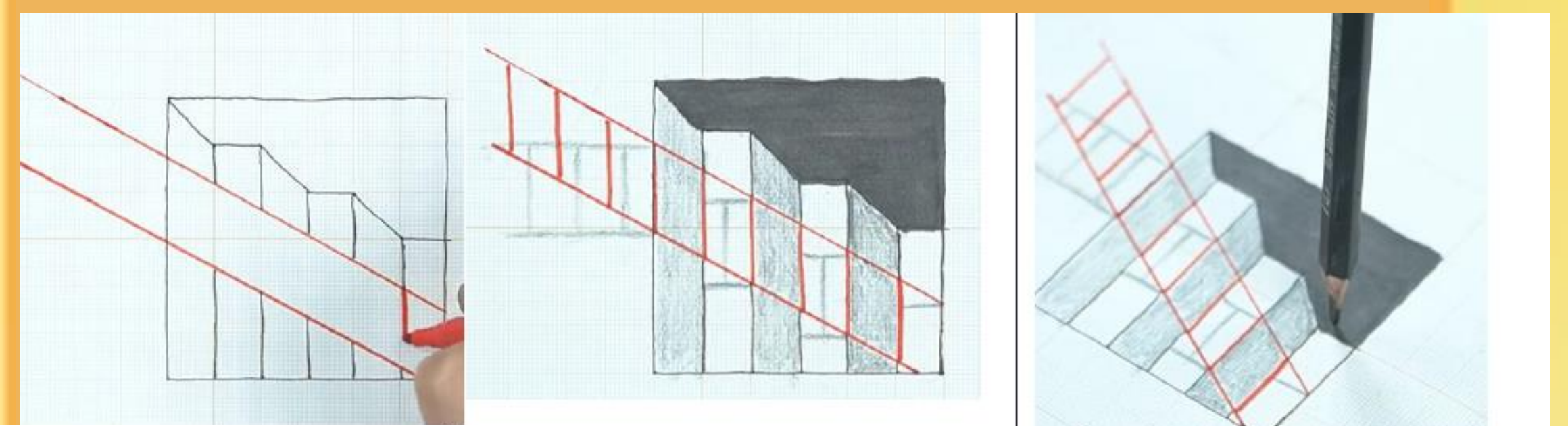
#### Illusions

Students designed and colored on many  
illusions

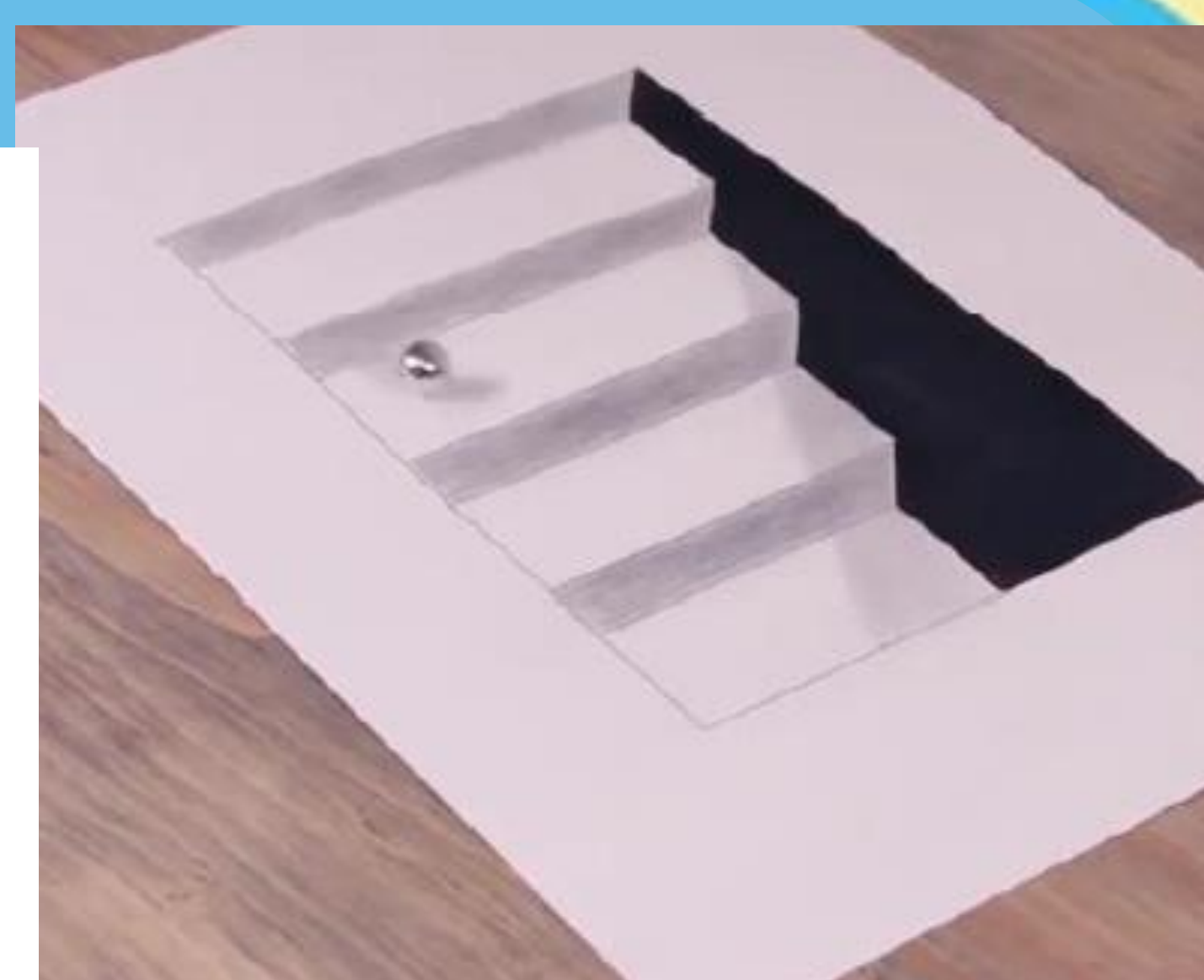
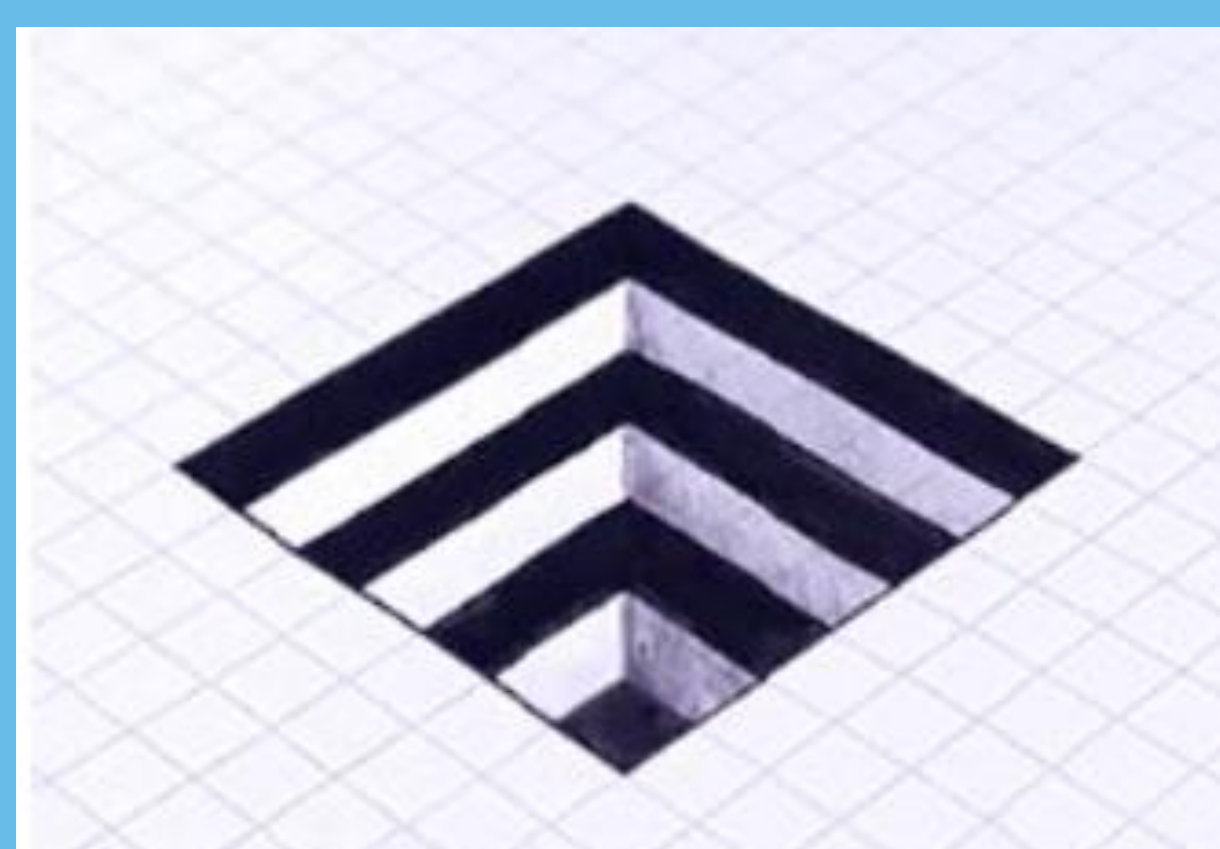
They are also worked  
with geogebra;s platform apps

#### Artist

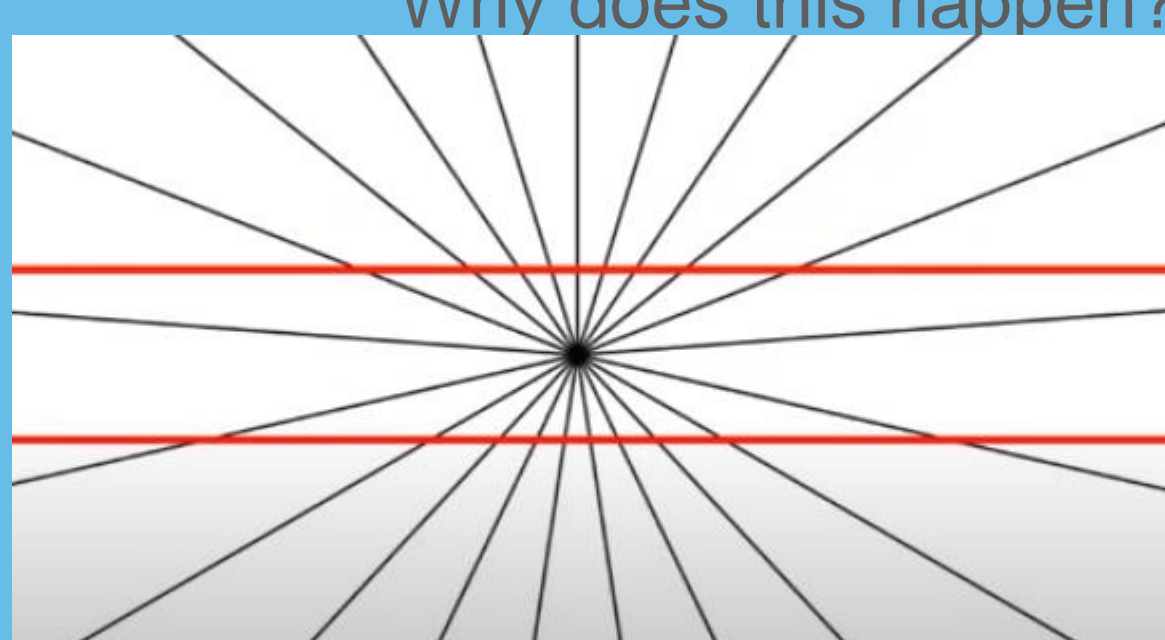
Athina Kanata, Filio Bechraki



### Common View



Seeing is believing, right? Well, actually... What you see and what you think you see are different things. Your senses gather information and send it to your brain. But your brain does not simply receive this information—it creates your perception of the world. This means that sometimes your brain fills in gaps when there is incomplete information, or creates an image that isn't even there! Why does this happen? Evolution! Survival depends on fast reactions. Your brain has evolved to put together whatever bits and fragments it can get—and to fill out the rest.



Illusion "Reality is merely an illusion,  
albeit a very persistent one."  
- Albert Einstein

