1. What if the moon were made of cheese? Or Neptune made of soap? Pick a celestial object, reimagine its material composition, and explore the implications. Feel free to explore the realms of physics, philosophy, fantasy…the sky is the limit! —Inspired by Tate Flicker, Class of 2025

Some said it was a comet, an asteroid, or a fragment of an exoplanet. Some astronomists claimed it was an alien spaceship. It's been 4 years since the discovery of 'Oumuamua, but the controversy of its origin still remains. It's now moving away from the earth, without leaving us many clues about its identity. In order to fully explore 'Oumuamua phenomenon, I have written a scientific paper that theorizes its past, present, and future:

ABSTRACT

'Oumuamua is known to be a red, 160-meter-long, Sarcophagus-shaped interstellar object. After logical reasoning and scientific contemplation, I concluded that 'Oumuamua is a crayon. In this paper, I explore its past, present, and future based on the observed information and existing theories.

1. Past

It is plausible to assume if a large crayon exists in the universe, a larger owner also exists. Considering 'Oumuamua has been lost, or not put back in its box, we can suppose the owner is probably a child who doesn't tidy up toys.

A researcher at Limitless Space Institute, Harold White, announced he accidentally generated a warp bubble (1). Although the result is disputed, it possibly confirms the longstanding hypothesis that three-dimensional space can be bent like two-dimensional paper, and objects can go by shortcut to a spatially far place. Here, I integrate the crayon assumption. If our universe is like paper to some four-dimensional existence, it can also be drawn on with a cosmic crayon.

The presumption that the owner of the crayon is a four-dimensional child may explain the formation of objects in the universe. Kids often draw diverse swirls, and what are galaxies if not giant beautiful swirls drawn upon a cosmic canvas. Our mysterious universe must be the artwork of a creative child. (c.f. FIGURES)

2. Present

These hypotheses decipher the current behavior of 'Oumuamua. It accelerated bizarrely approaching the Sun, a fact which led the Harvard astronomist Avi Loeb to surmise it was an alien probe (2). However, if space is paper, when the child takes the paper without putting back the crayon, the crayon rolls across infinity, rattle-rattle, accelerating in a sudden way we three-dimensional humans cannot understand.

So why did the child leave the crayon? The ongoing formation of new stars known as NGC 6726 in Corona Australis must have caught their attention. We all know the attention span of kids can abruptly refocus without reason. (Just turn on an episode of SpongeBob SquarePants in front of kids and see what happens.) The child was probably distracted by their incomplete blue drawing around Corona Australis and didn't need a red crayon to form those new stars.

3. Future

Based on the fact that 'Oumuamua has not been put back for quite a while now, it also is reasonable to think there is no adult to provide discipline. Until the innocent child feels like drawing something red, it will freely float. In Pegasus, where 'Oumuamua is heading, there is a cluster of galaxies, Stephan's Quintet, in the midst of collision. Stars are being formed in the red area of

Stephan's Quintet. When the crayon reaches it, the formation will be activated, emitting brighter red light.

When a crayon is melted because of the heat of stars, the wax will be spread in space. Wax is an ester of triacontanol and palmitic acid, which is an organic component with carbon, hydrogen, and oxygen. Thus, the melted crayon spread around Stephan's Quintet will certainly become a seed of carbon-based Earth-type life (without nitrogen though.) Perhaps humans originate from a crayon as well. (Determinant crayon color of carbon-based Earth life theory to be published in upcoming UChicago Journal of Insane Theoretics 09/2022.)

Here, my deduction ventures slightly afield of science, but maintaining that a four-dimensional child is responsible for the creation of our universe, then it is plausible to theorize that each three-dimensional human child also creates their unique universe on canvas with their colorful crayons producing two-dimensional lives. Furthermore, each two-dimensional life child could theoretically create their unique universe on canvas with their colorful crayons producing one-dimensional lives. As any credible scientist can see, the ramification of the 'Oumuamua discovery has yet to be fully understood and more funding will be required to fully unlock these phenomena.

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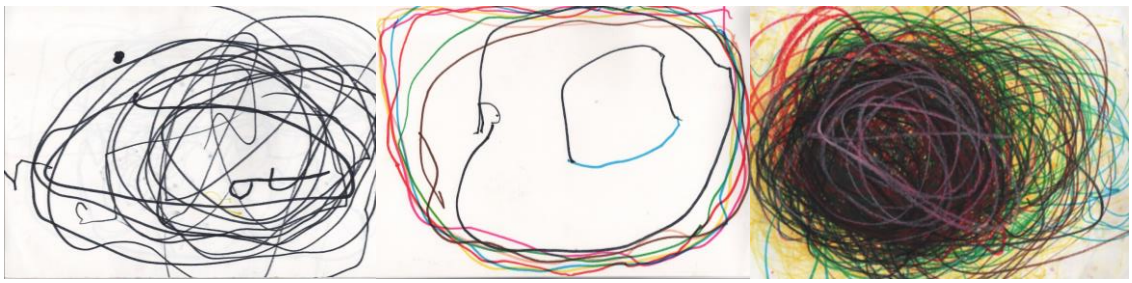
REFERENCE

1. White, H., Vera, J., Han, A, *et al*. (2021). Worldline numerics applied to custom Casimir geometry generates unanticipated intersection with Alcubierre warp metric. *Eur. Phys. J. C*
2. Dorminey, B. (2021) Harvard's Avi Loeb Argues That 'Oumuamua' Was Really An Interstellar Alien Probe. *Forbes*

FIGURES



My brother's galaxies at 3