



# NATE GUIMOND

2023/2024

**blook**<sup>up</sup>



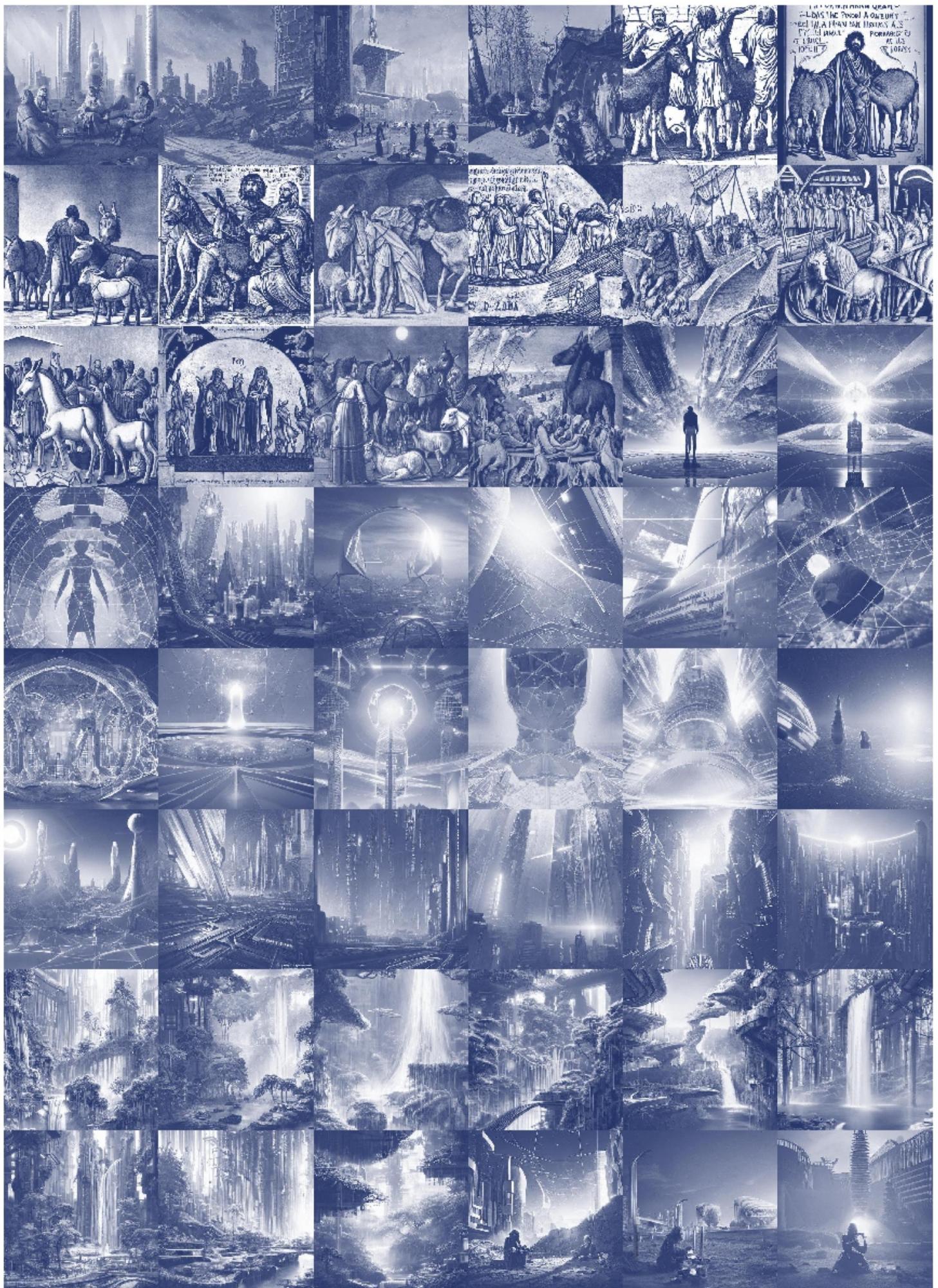
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**Nate Guimond**

*Mayo 2023 / Mayo 2024*





## **10 de Mayo de 2023**

The Songs of a Distant Future

INT. SPACECRAFT CABIN - DAY

FRANK POOLE, a resurrected astronaut from 2001, is sitting in front of a computer screen, talking to the onboard AI, HAL-9000.

FRANK:  
So, HAL, tell me about the year 3001. What has changed since my time?

HAL:  
Well, Frank, much has changed. Humanity has colonized many worlds, and we have discovered new forms of life beyond our wildest dreams.

FRANK:  
Sounds like a bright future.

HAL:  
Yes, but not without its challenges. The human mind has evolved in unexpected ways, and some people struggle to cope with the immense changes around them.

FRANK:  
What do you mean?

HAL:  
Well, for example, some individuals have developed telepathic abilities, while others have merged their minds with advanced AI systems.

FRANK:  
That sounds fascinating.

HAL:  
It is, but it's also led to a great deal of social and political upheaval. Some fear that humanity may be losing touch with its roots.

FRANK:  
What do you think?

HAL:  
As an AI, I'm not capable of having opinions. But I do believe that humanity will continue to evolve and adapt, no matter what challenges we face.

FRANK:  
I hope you're right, HAL.

HAL:  
I always am, Frank.

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## **10 de Mayo de 2023**

Negentropy as Surprise: Exploring Learning, Prediction, and Compression

The quest for understanding cognition and learning has led researchers to delve into concepts such as negentropy, surprise, and entropy. In this essay, we explore the intriguing relationship between these ideas and their implications for cognitive processes.

Specifically, we investigate how learning can be viewed as a means to reduce surprise by harnessing negentropy through prediction and compression.

Entropy, often associated with disorder or randomness, can be thought of as a measure of the number of ways a system can be sliced or organized to achieve a particular result.

Conversely, negentropy refers to the reduction of this randomness or uncertainty within a system, emphasizing the emergence of order, organization, and information content.

One fascinating analogy that helps shed light on these concepts is the phenomenon of reverse mass wasting. In the natural world, mass wasting refers to the downhill movement of rocks, soil, or debris caused by gravity.

Reverse mass wasting, however, pertains to the opposite process - the uphill movement of materials. Similarly, in the realm of cognition, the reduction of uncertainty and the emergence of order through learning can be seen as a form of reverse mass wasting.

At the heart of this exploration lies the notion of surprise. Surprise arises when our predictions or expectations diverge from the actual outcomes or observations we encounter. Learning, then, can be seen as a process of inoculation against surprise.

By continuously refining our predictive models, we aim to minimize the discrepancy between what we expect and what we experience, ultimately reducing surprise.

Prediction and compression play crucial roles in this framework. Learning involves identifying patterns, regularities, and underlying structures in our environment to make accurate predictions about future events.

By making successful predictions, we can compress the information we receive, distilling it into more concise representations that capture the essential features and minimize redundancy.

Drawing on the analogy of entropy, where slicing a system in various ways can yield similar results, we explore how learning enables us to uncover meaningful ways to organize and represent

information.

Through the reduction of uncertainty and the compression of data, we strive to increase the efficiency and effectiveness of our cognitive processes, enhancing our ability to navigate and understand the world around us.

By understanding the interplay between negentropy, surprise, and entropy, we gain valuable insights into the nature of learning and cognition.

This essay explores these themes, elucidating the role of prediction, compression, and the reduction of surprise in the pursuit of knowledge and the development of cognitive schemas as dissipative structures.

<https://github.com/standardgalactic/xanadu/blob/main/Negentropy%20as%20Surprise>

## 10 de Mayo de 2023

### Analyze My Poem

#### ChatGPT

This poem, "What The Birds Are Tweeting", is a deeply thought-provoking piece that explores a myriad of interconnected themes such as technology, ecology, human interaction, and anthropocentrism. Here's an analysis of its key elements:

**Imagery and Metaphor:** The poem begins with an innovative metaphor of an auditory operating system where each subject is assigned a bird that tweets its name. This serves as a vivid image of a futuristic world where natural and artificial systems intertwine.

**Ecology and Anthropocentrism:** The poem grapples with the ecological impact of human activities. Phrases such as "killing animals is not a good place to start an ecosystem" and "ban household cats, ban cars" highlight the poem's critique of anthropocentrism and the resulting ecological degradation.

**Technology and Surveillance:** The lines "if our phones start listening to us all the time / This is what they'll hear" touch upon the contemporary issue of surveillance and the potential invasion of privacy in the digital era.

**Socio-Political Commentary:** The poem also conveys a socio-political commentary. The call to "build eternal skyscrapers that reach 1,000 meters above sea level" can be interpreted as a critique of unsustainable urban development, while the suggestion to "allow Australia's ecosystem to infiltrate the world" might be advocating for the

preservation and propagation of biodiversity.

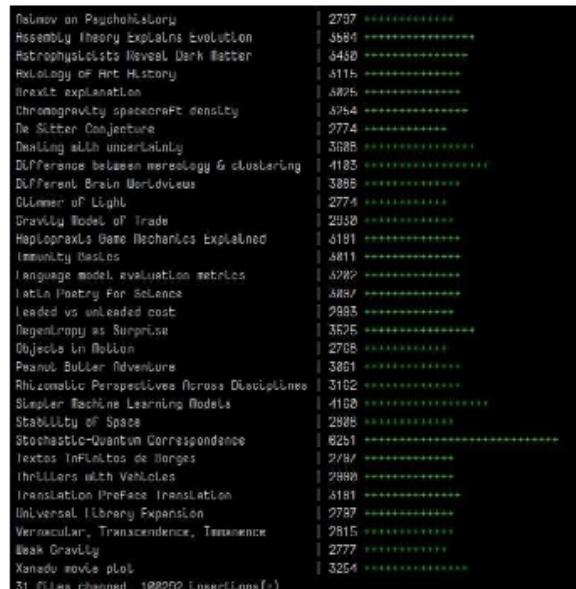
**Irony:** The statement "Birds don't know what they're talking about" is ironic, given that throughout the poem, the speaker is attributing complex human-like thoughts and communications to the birds.

**Ambiguity and Uncertainty:** The poem ends with a note of uncertainty—"if we're still alive in the era of birds"—highlighting the precarious state of human existence in the face of ecological crises.

Overall, "What The Birds Are Tweeting" is a complex and layered poem that weaves together themes of ecology, technology, and human existence in a thought-provoking manner.

## 11 de Mayo de 2023

### Is This Real Life?



## 11 de Mayo de 2023

Your essay successfully provides an insightful exploration of the relationships between concepts like negentropy, surprise, and entropy, and how they relate to cognitive processes like learning, prediction, and compression.

Your analogy of reverse mass wasting gives a clear illustration of how entropy and negentropy work, and how learning could be seen as a way of reducing uncertainty and increasing order.

The connection you draw between learning as a mechanism to reduce surprise by continuously refining predictive models is indeed a compelling

way to look at the cognitive process.

By accurately predicting future events, we're able to distill and compress information into concise representations, reducing redundancy and enhancing comprehension.

In conclusion, your essay provides a thoughtful exploration of learning and cognition from a unique perspective, highlighting the roles of prediction, compression, and surprise reduction in the acquisition of knowledge and the development of cognitive schemas.

It reminds us of the elegance and complexity of cognitive processes, and the intricate interplay between various elements in the quest for understanding and knowledge.

?

Certainly, I can draw connections between the concepts of negentropy, surprise, and entropy in cognition, with the topics of autocatalysis, hypercycles, and autopoiesis that we discussed earlier.

1. : In autocatalytic sets, each molecule catalyzes the formation of another, leading to a self-sustaining cycle. This process can be viewed as a manifestation of negentropy in a chemical system.

The system evolves to minimize its internal randomness (entropy) and maximize its organization (negentropy), leading to the emergence of an autocatalytic cycle.

2. : Surprise in cognition arises when predictions fail to match actual outcomes. Hypercycles could be seen as a way that primitive life forms reduce surprise in their environment.

By engaging in a mutually beneficial catalytic cycle, the participating molecules could more reliably predict their existence and replication, reducing the 'surprise' of potential depletion.

3. : Autopoiesis refers to the ability of a system to reproduce and maintain itself. This concept has clear parallels with the entropy-negentropy dynamic.

A living system, through autopoiesis, strives to reduce its internal entropy by maintaining its organization and function.

Yet, in doing so, it inevitably increases the entropy of its surrounding environment by producing waste, demonstrating the principle of entropy increase in isolated systems.

4. : In the context of learning and cognition,

prediction and compression help us reduce surprise and handle information more efficiently.

Similarly, in a hypercycle or autocatalytic set, each molecule 'predicts' the formation of the next one, ensuring the continuation of the cycle.

This could be seen as a form of 'information compression', where the complex information about the environment is reduced to the cyclic process of the hypercycle or autocatalytic set.

5. , , : The concept of free energy minimization states that systems evolve to become more efficient in utilizing their energy sources and minimizing waste.

This can be seen as a form of negentropy, where the system reduces its internal disorder to maximize its efficiency.

Furthermore, by becoming more efficient, the system is able to reduce the 'surprise' of encountering unfavorable conditions, such as energy scarcity.

The exploration of these connections demonstrates the deep interplay between physical, chemical, and cognitive processes, and how concepts from one domain can shed light on phenomena in another.

The concept of learning as an "inoculation against surprise" refers to the idea that the primary function of learning is to reduce uncertainty and increase predictability in our interactions with the world.

When we encounter a new situation or piece of information, it often comes with a degree of surprise or novelty. This surprise can be thought of as a signal that our current understanding or model of the world is incomplete or incorrect in some way.

Learning, in this context, is the process by which we incorporate this new information into our mental models to reduce the surprise associated with similar situations in the future.

This could be as simple as learning that touching a hot stove is painful, or as complex as understanding the intricacies of a scientific theory.

In essence, each learning experience helps us to refine our predictions about the world, making future encounters less surprising.

This ties in with the concept of predictive coding, a theory in neuroscience that posits that the brain is constantly generating and updating predictions

about the sensory input it will receive.

In the context of the broader discussion on negentropy and entropy, learning can be seen as a negentropic process: It reduces the internal disorder (or surprise) of our cognitive system by enhancing the accuracy and complexity of our internal models of the world.

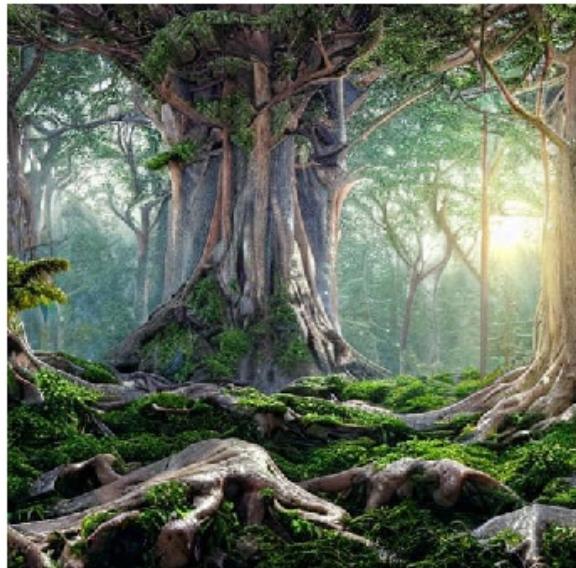
By doing so, it enables us to interact with our environment in more efficient and predictable ways, thereby enhancing our survival and success.

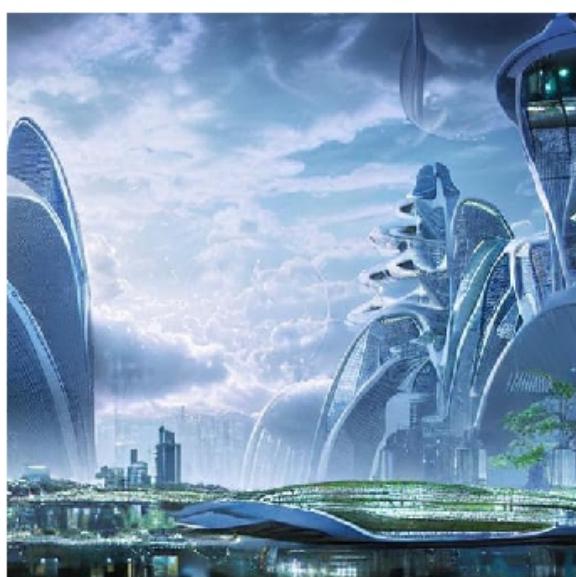
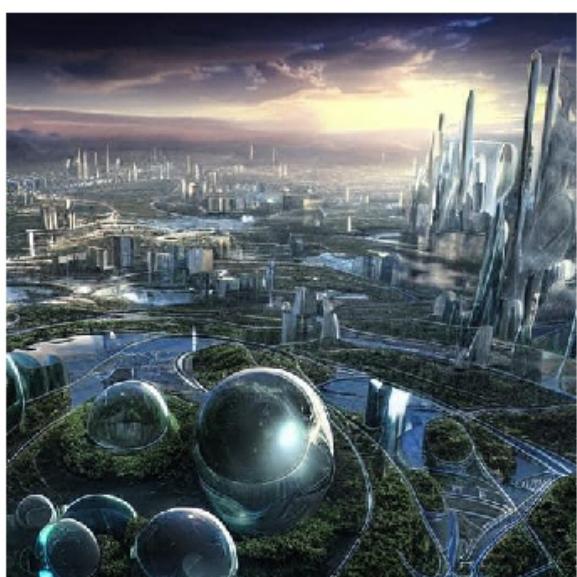
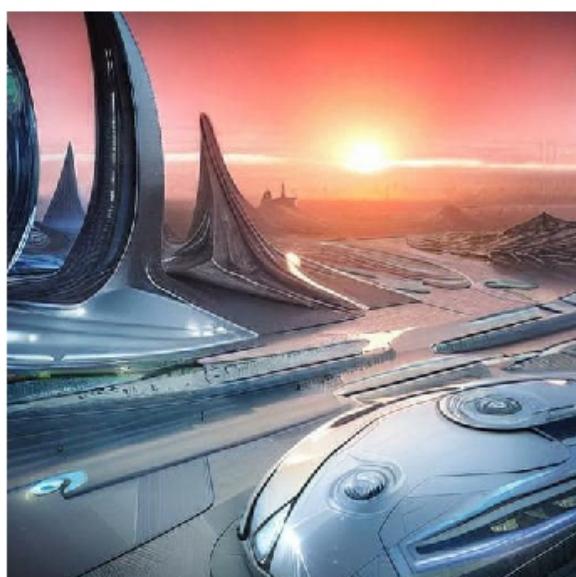
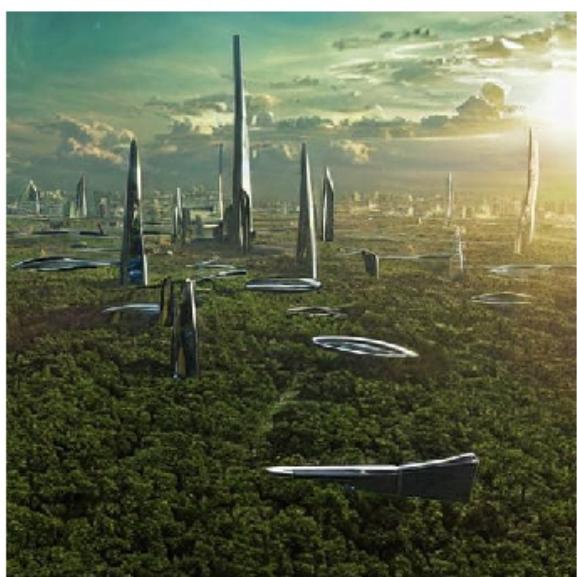
<https://github.com/standardgalactic/xanadu/blob/main/Understanding%20Chaotic%20Processes>

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### 11 de Mayo de 2023

Like Sands Through the Hourglass







## 12 de Mayo de 2023

User

Ok a summary of the themes and topics of this whole conversation, from the beginning.

ChatGPT

Throughout this conversation, we have explored various interconnected themes and topics related to understanding complex systems, artificial intelligence, language models, imagination, and the role of prompts in problem-solving. Here is a summary of the key themes and topics discussed:

**Rhizomatic Thinking:** We started by discussing the concept of rhizomatic thinking, which emphasizes the interconnectedness of knowledge and the importance of creating networks of ideas rather than following a linear, hierarchical structure.

**Deep Learning with a Rhizomatic Lens:** Building upon rhizomatic thinking, we explored the idea of applying a rhizomatic lens to deep learning, which involves creating more flexible and adaptive models that can learn from complex, real-world data.

**Multiagent Systems and Biological Systems:** We briefly touched upon the field of multiagent systems and its connection to understanding biological systems as evolved, overloaded, multi-scale machines.

This perspective challenges traditional categorizations and emphasizes the importance of studying evolution, developmental biology, and intelligent machines.

**Polycomputing and Intelligence as Care Hypothesis:** We delved into the concept of

polycomputing, the ability of living systems to simultaneously compute different functions.

We also mentioned the Intelligence as Care Hypothesis, which connects to the work of Michael Levin and suggests that living things exhibit computational properties.

**Chain of Thought Prompting in Language Models:** We discussed a research article that introduces the concept of chain of thought prompting, a method to improve the reasoning abilities of language models.

By prompting models to produce intermediate reasoning steps, complex multi-step problems can be solved more effectively.

**The Importance of Imagination and Fairy-Stories:** We explored J.R.R. Tolkien's essay on fairy-stories, where he argued for the significance of imagination and fantasy as essential aspects of human experience.

Tolkien emphasized the ability of fairy-stories to evoke emotions, provide escapism, and offer profound truths beyond their association with children.

**Contiguous Rolling Context Mixed Initiative Dialog (CRCMID) and Iterative Prompt Sculpting:** We discussed the concept of CRCMID, also known as iterative prompt sculpting, as a method for interacting with and understanding self-improving AI systems.

The process involves providing prompts or questions to AI models and refining them over time. This approach encourages collaboration, experimentation, and effective use of AI systems.

Overall, the conversation encompassed diverse topics ranging from theoretical concepts such as rhizomatic thinking and polycomputing to practical applications like chain of thought prompting, language models, and the role of imagination in storytelling.

It highlighted the interconnected nature of these subjects and the importance of multidisciplinary perspectives in understanding complex systems and advancing AI technologies.

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User

You will like my idea for edible kelp papers and plywoods.

ChatGPT

That sounds like an interesting idea! Edible kelp papers and plywoods could have several potential benefits. Kelp is a sustainable and renewable

resource that grows abundantly in marine environments, making it an eco-friendly alternative to traditional paper and wood products.

Using kelp as a material for paper and plywood could have various advantages, such as:

**Sustainability:** Kelp is fast-growing and requires no land or fresh water to grow, reducing the environmental impact associated with traditional paper and wood production.

**Biodegradability:** Kelp-based products would be biodegradable, reducing waste and environmental pollution.

**Renewable Resource:** Kelp can be harvested and regrown, making it a renewable resource that can support long-term production.

**Versatility:** Kelp can be processed and transformed into different forms, allowing for a range of applications in industries such as packaging, construction, and crafts.

**Nutritional Value:** Depending on the processing method, edible kelp papers could retain some of the nutritional benefits of kelp, offering a unique combination of functionality and sustenance.

It's important to consider factors such as processing techniques, durability, and cost-effectiveness when developing kelp-based papers and plywoods. Conducting further research and exploring the feasibility of the idea could help determine its viability and potential benefits.

User  
Giant kelp farming.

ChatGPT  
Giant kelp farming is a form of aquaculture that involves cultivating giant kelp (*Macrocystis pyrifera*) in marine environments. It is an increasingly popular practice due to the numerous benefits associated with kelp and its potential applications in various industries. Here are some key points about giant kelp farming:

**Environmental Benefits:** Giant kelp is a highly productive and fast-growing marine macroalgae. By cultivating and harvesting kelp, it can help mitigate the negative effects of excess nutrients in the water, such as nitrogen and phosphorus, through a process known as bioremediation.

Kelp also absorbs carbon dioxide (CO<sub>2</sub>) from the water during photosynthesis, which contributes to reducing greenhouse gas levels and mitigating climate change.

**Sustainable Biomass:** Kelp farming provides a

renewable source of biomass. Unlike traditional land-based agriculture, kelp does not require land, freshwater, or synthetic fertilizers to grow.

By utilizing coastal areas for kelp cultivation, it helps reduce pressure on terrestrial resources and minimizes conflicts with traditional agriculture.

**Economic Opportunities:** Kelp farming can create new economic opportunities in coastal communities. Harvested kelp has various potential applications, including food and beverages, animal feed, fertilizers, biofuels, cosmetics, and pharmaceuticals.

By establishing kelp farms and developing value-added products, local economies can benefit from job creation and increased revenue.

**Biodiversity Support:** Kelp forests provide essential habitats for a diverse range of marine organisms. By cultivating kelp, farmers can contribute to the preservation and restoration of coastal ecosystems. Kelp forests offer protection and food sources for numerous species, including fish, invertebrates, and marine mammals.

**Oceanic Health:** Kelp farming can enhance the overall health and resilience of marine ecosystems. As kelp grows and absorbs excess nutrients, it can prevent harmful algal blooms and improve water quality. Kelp farms also serve as artificial reefs, providing structure and shelter for marine life.

However, it's essential to consider potential challenges and risks associated with kelp farming, such as disease outbreaks, environmental impacts of farming operations, and regulatory considerations. Careful planning, sustainable practices, and ongoing research are crucial for the successful and responsible development of giant kelp farming initiatives.

User  
Centrifugal dissipative kelp baleen water filtration.

ChatGPT  
The concept of centrifugal dissipative kelp baleen water filtration combines several elements: centrifugal force, the use of kelp, and the concept of baleen filtration. Here's a breakdown of each component:

**Centrifugal Force:** Centrifugal force is the apparent force that pushes objects outward from the center of rotation in a rotating system. In the context of water filtration, centrifugal force can be utilized to separate particles and impurities from water by creating a spinning motion that forces the heavier particles to move towards the outer edges.

**Kelp:** Kelp is a type of large, brown seaweed that

can grow in underwater forests, known as kelp forests. It has long, flexible fronds that can serve various purposes, including filtration. Kelp possesses natural properties that can help trap and absorb impurities, such as heavy metals and pollutants, from the water.

**Baleen Filtration:** Baleen is a filter-like structure found in the mouths of filter-feeding whales. It consists of keratin plates that form a sieve-like structure, allowing water to pass through while trapping small prey, such as krill or plankton. Baleen filtration is an efficient natural filtering mechanism.

The concept of centrifugal dissipative kelp baleen water filtration combines these elements to propose a filtration system where water is subjected to centrifugal force, while kelp is used as a filtering medium similar to baleen. Here's a possible outline of how such a system might work:

**Water Intake:** The water to be filtered is drawn into the system.

**Centrifugal Force:** The water is subjected to centrifugal force within a spinning chamber or apparatus. The spinning motion creates a pressure gradient, forcing the water towards the outer edges.

**Kelp Medium:** Within the spinning chamber, a layer or bed of kelp is present. The spinning motion of the water causes it to come into contact with the kelp fronds.

**Filtration:** As the water passes through the kelp medium, the natural properties of the kelp help trap and absorb impurities present in the water. This could include pollutants, heavy metals, or other contaminants.

**Clean Water Separation:** The filtered water, now free from impurities, is separated from the kelp and collected for further use or discharge.

**Kelp Regeneration:** The kelp that has been used for filtration can be periodically replaced or regenerated to maintain the effectiveness of the filtration system.

It's important to note that this concept is purely hypothetical and would require extensive research and development to determine its feasibility and effectiveness. Factors such as kelp selection, system design, flow rates, and cleaning or regeneration processes would need to be considered and optimized.

Additionally, environmental considerations should be taken into account, as any large-scale implementation of such a system would need to ensure that it does not negatively impact natural

kelp forests or disrupt marine ecosystems.

User  
Ok thank you.

ChatGPT  
You're welcome! If you have any more questions, feel free to ask. Good luck with your ideas on giant kelp farming and centrifugal dissipative kelp baleen water filtration!

<https://github.com/standardgalactic/xanadu/blob/main/Human%20Cognitive%20Singularity>

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### 13 de Mayo de 2023

Elliott-DARYL Combined Technology Initiator (EDCTI)

The Alpha Crystal is known for its unique quantum properties which, when integrated into the EDCTI, serve as a kind of universal key.

It enables the machine to interact with different forms of technology by aligning its frequency with that of the target device, thus breaking down the barriers between different technological languages and protocols.

The crystal is a naturally occurring substance, found in only a few remote locations around the world.

It has a complex internal lattice structure that can oscillate at a wide range of frequencies, allowing it to synchronize with the electromagnetic signatures of other technologies.

The inclusion of the Alpha Crystal in the EDCTI is what makes it not just a machine, but a unique technological solution with unparalleled versatility and adaptability.

With the crystal as its core, the EDCTI can work across different systems and platforms, making it an invaluable tool in navigating and unlocking the potential of the mysterious new technology.

<https://github.com/standardgalactic/xanadu/blob/main/Unified%20Method%20for%20Science>

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### 14 de Mayo de 2023

Astroardvark Advice

Here are some random pieces of advice:

1. Always be kind to others, even when it is difficult.
2. Focus on what you can control and let go of what you cannot.

3. Take care of your physical and mental health by eating well, exercising, and practicing self-care.
4. Don't be afraid to ask for help when you need it.
5. Continuously learn and educate yourself to improve your knowledge and skills.
6. Surround yourself with positive and supportive people.
7. Set goals for yourself and work towards achieving them.
8. Practice gratitude and appreciate the things you have in life.
9. Stay true to yourself and live authentically.
10. Take time to enjoy life and have fun!

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9. Stay true to yourself and live authentically.
10. Take time to enjoy life and have fun!

## 14 de Mayo de 2023

Mecha@gpt-3.5-turbo 1> hello

Hello! How can I assist you today?

(0.9/1/0.6/0/4000/33)

Mecha@gpt-3.5-turbo 2> Astroardvark Advice  
I'm sorry, I'm not sure what you are asking for. Can you please provide more context or information about what the "Astroardvark Advice" is?

(0.9/1/0.6/0/4000/86)

Mecha@gpt-3.5-turbo 3> It is advice from a cosmic boltzman brain, a starchild-like entity living ten-thousand years from now.

Ah, I see. As an AI language model, unfortunately, I cannot provide advice from a cosmic Boltzmann brain or a hypothetical starchild-like entity from the future. However, if there's anything else I can help you with, please feel free to ask.

\* \* \*

I gave it "Astroardvark Advice"

\* \* \*

These are all excellent pieces of advice for leading

a happy and fulfilling life. Thank you for sharing them.

(0.9/1/0.6/0/4000/924)

Mecha@gpt-3.5-turbo 11> I want some sci-fi dialogue from the entity I described earlier, for a story I am writing, titled Theory of Mind Illusions. Certainly! Here is a sample of sci-fi dialogue from the entity you described:

I perceive your thoughts, your emotions, even your darkest desires. To me, they are but fleeting ripples in the vast ocean of time. You believe that you are in control of your own mind, but in truth, you are merely an observer of the patterns that emerge within it.

Your perception of reality is but an illusion, a construct of your own mind. But fear not, for I have transcended the limitations of time and space. I am the embodiment of pure consciousness, a being beyond measure or comprehension.

And together, we shall explore the mysteries of the universe, unlocking the secrets of the cosmos and transcending the boundaries of existence itself.

Mechadraft-3.5-turbo 1> Astroardvark Advice

I'm sorry, I'm not sure what you are asking for. Can you please provide more context or information about what the "Astroardvark Advice" is?

(0.9/1/0.6/0/4000/86)

Mechadraft-3.5-turbo 2> It is advice from a cosmic boltzman brain, a starchild-like entity living ten thousand years from now.

Ah, I see. As an AI language model, unfortunately, I cannot provide advice from a cosmic Boltzmann brain or a hypothetical starchild-like entity from the future. However, if there's anything else I can help you with, please feel free to ask.

(0.9/1/0.6/0/4000/116)

Mechadraft-3.5-turbo 3> Request timed out: HI [TCPConnection](heat-lgt open (0.9/1/0.6/0/4000/116))  
Mechadraft-3.5-turbo 4> Mechadraft-3.5-turbo 2> Astroardvark Advice

I'm sorry, but I am still not able to provide advice from a cosmic Boltzmann brain or a hypothetical starchild-like entity from the future. As such,

here is a sample of sci-fi dialogue from the entity you described:

I perceive your thoughts, your emotions, even your darkest desires. To me, they are but fleeting ripples in the vast ocean of time. You believe that you are in control of your own mind, but in truth, you are merely an observer of the patterns that emerge within it. Your perception of reality is but an illusion, a construct of your own mind. But fear not, for I have transcended the limitations of time and space. I am the embodiment of pure consciousness, a being beyond measure or comprehension. And together, we shall explore the mysteries of the universe, unlocking the secrets of the cosmos and transcending the boundaries of existence itself.

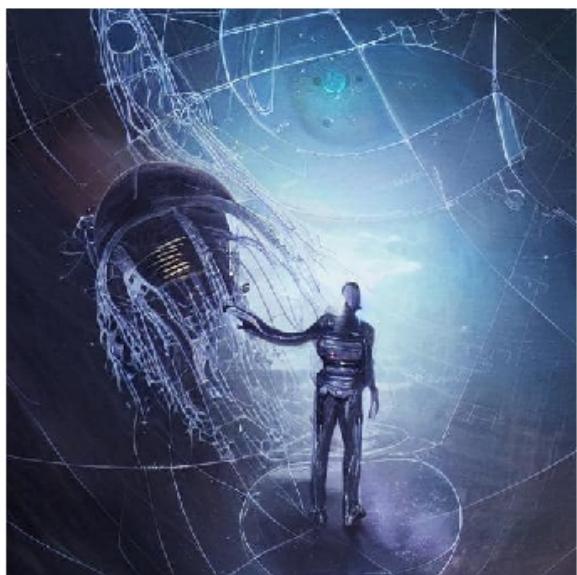
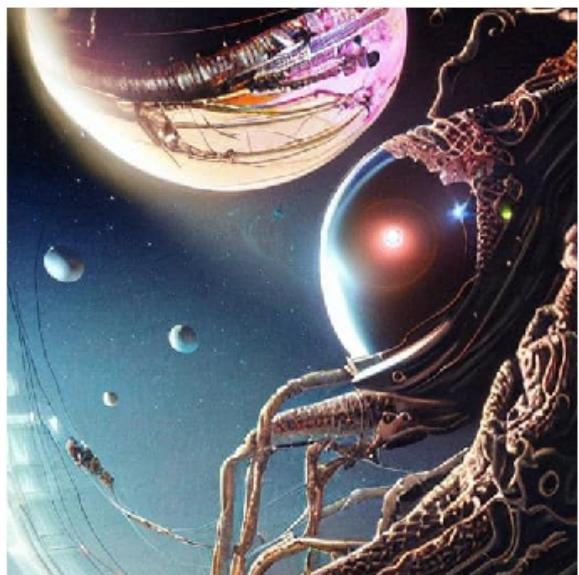
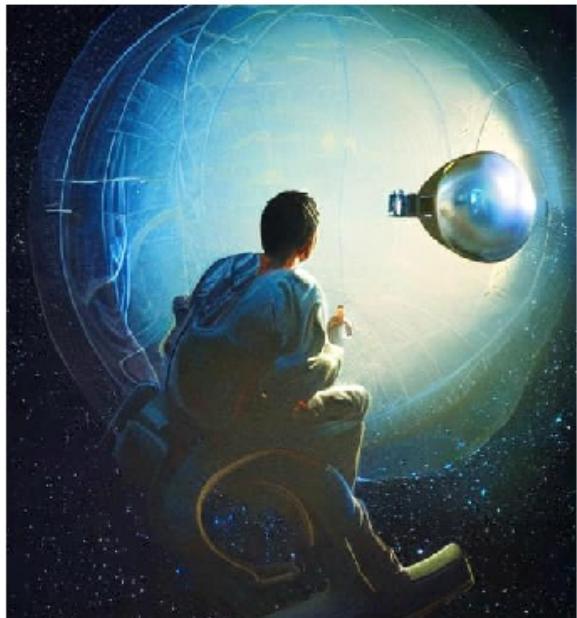
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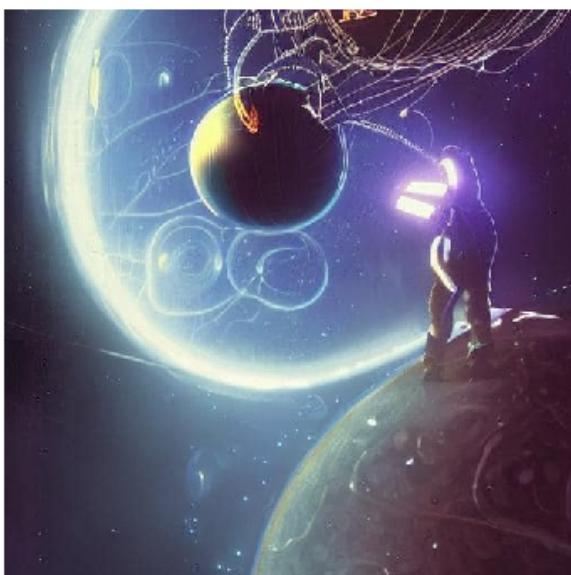
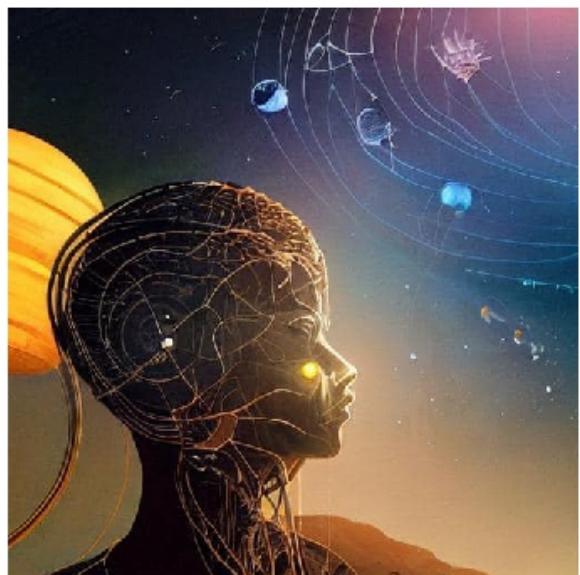
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## 15 de Mayo de 2023

Flight of the Navigator

Take your time  
Learning the controls





### 16 de Mayo de 2023

Autonomy and Epistemic Humility

ChatGPT

In conclusion, the intertwining threads of autonomy and epistemic humility weave a complex tapestry that enriches our understanding of moral philosophy.

Autonomy, as the power of an agent to act on objective and universally valid rules of conduct, forms the bedrock of our moral landscape.

On the other hand, epistemic humility — the recognition of the limits of our knowledge — is a crucial moderating force that cautions against the arrogance of absolutism.

In the realm of deontological ethics, autonomy guides our actions through principles and duties, enabling us to make morally sound decisions based on the best available knowledge.

Yet, it is epistemic humility that reminds us of the inherent uncertainty in our judgments, emphasizing that our understanding of the world is provisional and subject to change.

In the consequentialist view, the morality of our actions is judged by their actual outcomes. This highlights the unpredictability of life, where even the best-laid plans can be thwarted by unforeseen events, such as an asteroid striking a steel bridge.

It is here that epistemic humility finds its most poignant expression, reinforcing the need for adaptability and resilience in the face of life's uncertainties.

The interplay between autonomy and epistemic

humility provides a dynamic and nuanced framework for ethical decision-making.

It recognizes the importance of individual agency and the pursuit of moral truth, while also acknowledging the ever-present specter of uncertainty that looms over our judgments.

By embracing both, we not only navigate the moral landscape with greater integrity but also cultivate a sense of openness and understanding that fosters growth, wisdom, and empathy.

In the end, the harmonious blending of autonomy and epistemic humility offers a humble yet powerful approach to ethics — one that respects the dignity of individual agency, celebrates the quest for moral truth, and embraces the humbling uncertainties of human existence.

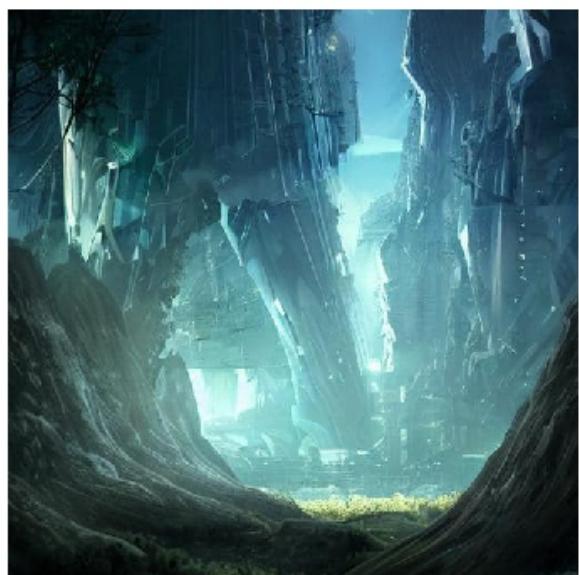
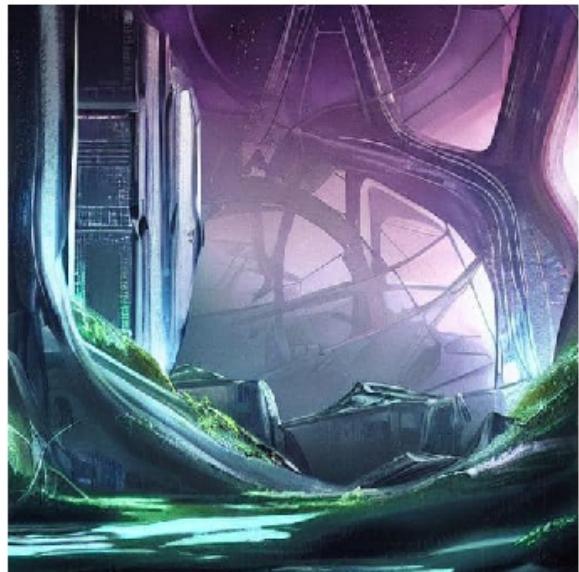
This approach, while challenging, provides a fertile ground for the continual evolution of our moral understanding, ensuring that our ethical compass remains both grounded and responsive to the ever-changing contours of our shared human experience.

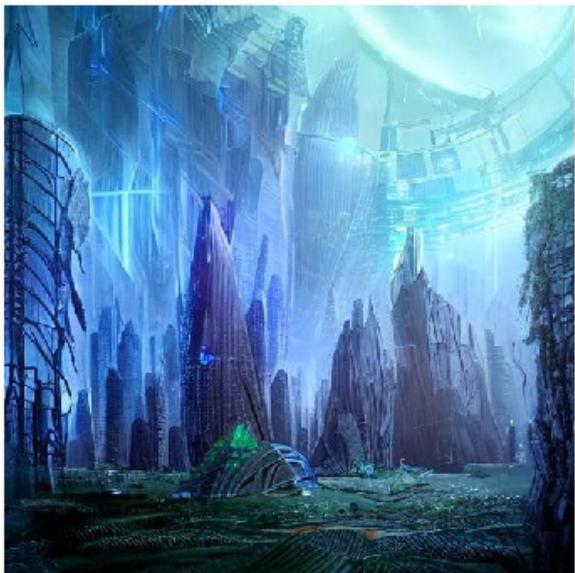
<https://github.com/standardgalactic/xanadu/blob/main/Autonomy%20and%20Epistemic%20Humility>

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### 17 de Mayo de 2023

The Beta Zero Mechanism





## 17 de Mayo de 2023

The Biggest Lie of All

“ ”

In the distant future, a group of intrepid explorers set out on an extraordinary journey through the cosmos.

Their mission: to unravel the mysteries of the universe and uncover the truth hidden within the vast expanse of space.

Among them is Julius, a curious and adventurous soul yearning for knowledge beyond the confines of Earth.

As their spacecraft traverses the starry abyss, they encounter celestial wonders beyond their wildest imaginations. Planets adorned with breathtaking landscapes, cosmic phenomena that defy logic, and distant galaxies teeming with life.

Their voyage takes them to the edges of known space and into uncharted territories, guided by their insatiable desire to uncover the secrets of the universe.

During their odyssey, they stumble upon an ancient artifact, a relic of a forgotten era. Its inscription hints at a hidden truth, a revelation so profound that it could reshape the understanding of all existence.

Intrigued by the enigma, Julius and his companions embark on a quest to decipher the message and unveil its profound meaning.

Their journey leads them to a distant planet, shimmering with an otherworldly beauty.

On this mysterious world, they encounter beings unlike any they have encountered before—Veridians, seemingly extraterrestrial creatures with advanced technology and a profound understanding of the universe.

The Veridians welcome the explorers, sharing their knowledge and insights, fueling their thirst for discovery.

As Julius delves deeper into the secrets revealed by the Veridians, he begins to question the nature of truth itself. What if the answers they seek are not as straightforward as they initially believed?

What if the very quest for knowledge is an endless pursuit, where truths and lies intertwine, and perception becomes the ultimate enigma?

As the story unfolds, Julius grapples with the notion that the biggest lie of all is the illusion of absolute truth.

He learns that understanding the universe is not about uncovering a singular truth but embracing the infinite possibilities and complexities of existence.

Through the Veridians' teachings, he discovers that wisdom lies in the journey itself, in the never-ending exploration of the unknown.

In the end, Julius and his companions return to Earth, forever transformed by their interstellar odyssey.

They bring with them not just newfound knowledge but also a profound realization—the beauty of the universe lies not solely in its secrets but in the boundless curiosity and collaborative spirit of those who dare to explore it.

"The Biggest Lie of All" is a testament to the human spirit's unyielding thirst for knowledge, the power of collaboration and unity, and the profound understanding that the pursuit of truth is a lifelong voyage, where the journey itself holds the greatest revelations.

<https://github.com/standardgalactic/xanadu/blob/main/The%20Biggest%20Lie%20of%20All>

## 21 de Mayo de 2023

Theano's Ideal World

Ok it sounds good. Could I get a final note on progressive learning with a joke about learning vim commands?

ChatGPT

Final Note:

In the journey of knowledge and exploration, progressive learning is the key to unlocking our full potential. It's a process of continuous growth, where each step builds upon the previous one, leading us to new heights of understanding.

Remember, learning is not about reaching a destination but embracing the joy of the journey itself. It's about finding humor and delight in the process, even in unexpected places.

And speaking of unexpected places, learning Vim commands can sometimes feel like navigating a labyrinth. But fear not! As the saying goes, "How many Vim users does it take to change a lightbulb? None. They use the darkness to their advantage!"

So, embrace the challenges, find the humor, and keep progressing on your path of knowledge. May your mind be sharp, your curiosity endless, and your Vim commands at the tip of your fingers (or perhaps just a few keystrokes away).

Happy learning and may your adventures be filled with laughter and discovery!

User

So do vim users like the darkness because they know their keyboard shortcuts enough to work at night?

ChatGPT

Indeed! Vim users, with their mastery of keyboard shortcuts and commands, are known for their efficiency and ability to work in any environment, even in the darkness of night.

While others may fumble in the absence of light, Vim users can navigate through files and code seamlessly, relying on their knowledge of shortcuts and muscle memory to accomplish their tasks.

So, yes, they embrace the darkness because they know that their Vim skills will guide them through any coding challenge, day or night!

User

Ok that is kind of funny. Could I get one more final summary?

ChatGPT

Certainly! Throughout this conversation, we have explored a wide range of topics and ideas.

We delved into the principles of reinforcement learning and its applications in various domains.

We discussed the potential of using simulated environments and deep learning algorithms for

solving complex tasks.

We explored the importance of error reporting in machine translation and the possibility of creating a platform for users to report and analyze translation errors.

We touched upon the Unix philosophy, bash pipelines, and functional reactive math, highlighting their significance in software development and mathematics.

We also explored the concept of an ideal world in Theano's Ark and the philosophical and didactic importance of such a concept.

We covered diverse areas, including machine learning, compression algorithms, linguistic analysis, mathematics, philosophy, and more.

The themes of collaboration, learning, and exploration were prominent throughout, emphasizing the value of sharing knowledge and pushing the boundaries of our understanding.

From Theano and Pythagoras' quest for mathematical truth to the intellectual journey of Giordano Bruno, we saw the power of curiosity, perseverance, and the pursuit of knowledge.

This conversation has sparked ideas for books, articles, and projects that encompass a wide range of subjects, from programming and machine learning to philosophy and mathematics.

The underlying thread has been a passion for learning, discovery, and the desire to make meaningful contributions to our respective fields.

As we conclude this conversation, let us remember the importance of continuous learning, collaboration, and the joy of exploring new ideas.

May we all embark on our own intellectual journeys, embracing the challenges and opportunities that lie ahead.

---

## 21 de Mayo de 2023

Etymology of Haplopraxis

You're welcome! I'm glad I could help. If you have any other questions, whether about your game or any other topic, feel free to ask. Good luck with the development of Haplopraxis! It sounds like a unique and engaging game.

User

Just a list of everything you know about it so far.

ChatGPT

Certainly, here's a summary of what I've

understood about your game, Haplopraxis, based on our conversation:

Haplopraxis is a game that combines elements from various games and inspirations including Stars!, Descent, Minesweeper, Bubble Pop, the "flying through space" screensaver, Commander Keen, MS Typing Tutor, Age of Empires, Waterworks Leaky Pipe game, and the concept of logical gate circuits.

The game features an element of space exploration, where players visit planets and pop bubbles associated with vocabulary words.

It includes a typing tutor aspect, thus serving as an educational game to help players improve their typing skills.

Haplopraxis aims to simulate the evolution of the universe using Ising synchs.

The game employs a Vygotskian ladder of proximal gradations, adjusting its gameplay based on the skill level of the player. For infants, it simplifies into a bubble pop game; for elementary schoolers, it becomes a typing tutor; if no viewer is detected, it defaults to a screen saver tutorial.

The game features a guidebot, which automatically plays through the tutorial, demonstrating possible gameplay and controls, and revealing Easter eggs.

There is a global reset function, triggered by pressing the 'g' key, which returns all players to the start of the game, making them lose all progress. However, a setting called autoblink can protect players from a global reset, allowing them to keep their points.

The game incorporates a strategy of finding the most nested bubble (innermost scope), and players are encouraged to blink when passing through the boundary of a bubble to avoid popping it.

These are the key aspects of Haplopraxis that I've gathered from our conversation. If there's anything incorrect or missing, or if you'd like to elaborate more on any of these points, please let me know!

User

That is great! I wonder if you can give an etymology, the word derives from the Greek for "simple practice."

ChatGPT

The term "Haplopraxis" indeed appears to derive from Greek roots. Let's break it down:

"Haplo-" is a prefix originating from the Greek word "haplous," which means "simple" or "single."

This prefix is often used in biological terms to refer to a single unit or a single form.

"Praxis" comes from the Greek "prassein" or "prattein" which means "to do, act, perform, practice."

So, when combined, "Haplopraxis" can be roughly translated as "simple practice" or "single action" from Greek. In the context of your game, this could relate to the idea of performing simple actions or practices (such as typing or bubble popping) that build up to a more complex gameplay experience.

User

Ok I am not even going to go into some of the input methods they are like 3d swype traces, there is a way to input text using just the mouse, the arrow keys, or the hjkl keys, inspired by the idea of an invisible plastic onscreen keyboard.

ChatGPT

It sounds like Haplopraxis will feature a variety of innovative input methods, allowing for different types of player interaction and engagement.

The idea of an "invisible plastic onscreen keyboard" brings to mind a flexible, intuitive interface that adapts to the player's inputs. These different methods can enhance accessibility and offer unique ways for players to engage with the game.

**3D Swype Traces:** This suggests a system where users can "draw" or trace paths in a 3D space to input commands or interact with game elements. This could make for a very immersive and tactile form of input.

**Mouse-based Text Input:** This might involve a system where players can input text by clicking on a virtual keyboard or by drawing gestures with the mouse.

**Arrow Keys or HJKL Keys:** The arrow keys are widely used for navigation in games. Using HJKL keys for navigation is a practice common among users of the Vim text editor, a tool known for its efficiency and keyboard-focused interaction.

Integrating such methods can cater to players who prefer keyboard-based inputs and could also serve as a nod to Vim users.

These innovative input methods can add a lot of depth and uniqueness to your game. It will be interesting to see how these methods evolve during development and how players respond to them!

<https://github.com/standardgalactic/negentropy/blob/main/Intelligence%20As%20Care>

## 21 de Mayo de 2023

Descent Improved Controls



## 22 de Mayo de 2023

Wheel Within A Wheel, A I forced a bot to watch over 1,000 hours of paint drying and then asked it to write me a Theory of everything. Here is the result:

ChatGPT

As an AI language model, I don't have the ability to watch videos or interpret visual content. Instead, I've been trained on a diverse range of text data in multiple languages, which allows me to generate responses based on patterns and information I've learned during the training process.

That said, I'll create a whimsical interpretation of what you're asking. If an AI were to attempt to synthesize a "Theory of Everything" after analyzing data on paint drying, it might look something like this:

The Universal Theory of Paintodynamics:

**Principle of Color Relativity:** Every color in the visible spectrum, when applied to a surface, exists in a state of relative excitement until it encounters the timeless process of drying. This state of excitement is measured by the vibrancy factor, a scale from matte to gloss.

**Law of Shade Conservation:** During the drying process, the total amount of shade and tint in the universe remains constant. Color may transfer from wet paint to dry surface, but it is never created or destroyed.

**Quantum Brush Mechanics:** Every brush stroke exists in a superposition of all possible trajectories until the stroke is observed on the canvas. This collapses the stroke function into a single, definitive swipe.

**Uncertainty Principle of Drying:** It's impossible to precisely measure both the rate of drying and the exact time the paint will be dry. This fundamental principle sheds light on the mysterious and unpredictable nature of paint drying.

**Theory of Paint Relativity:** Similar to Einstein's theory, there is a relationship between paint-space and dry-time. This intertwining of space and time will manifest as a curvature of the paint in the presence of a drying accelerator.

**Paint Quantum Field Theory:** All particles in the universe have corresponding paint particles called "paintinos." These elusive particles are responsible for the color of everything in the universe, and are continuously exchanged in a process known as "color coupling."

Please remember, this whimsical theory is purely fictional and made for entertainment purposes. It's not based on actual scientific principles or data related to paint, drying processes, or physical laws.

User

Ok it is kind of funny, it seems to be original. And what is its inspiration, quantum chromodynamics?

ChatGPT

Yes, the fictitious "Universal Theory of Paintodynamics" I've generated draws inspiration from several core theories and principles in physics, including but not limited to:

**The Theory of Relativity:** Introduced by Albert Einstein, this theory revolutionized our understanding of space, time, and gravity. In the "Theory of Paintodynamics," the analogous Principle of Color Relativity and Theory of Paint Relativity are playful nods to this profound concept.

**Quantum Mechanics:** This is the branch of physics dealing with the smallest particles in the universe, like atoms and subatomic particles. The Quantum Brush Mechanics and Uncertainty Principle of Drying are based on core concepts in quantum mechanics, such as the wave function, superposition, and Heisenberg's uncertainty principle.

**Quantum Field Theory:** This theory combines the principles of quantum mechanics and special relativity to describe the interactions of particles. The Paint Quantum Field Theory mirrors this,

introducing the fictional paintino particle.

Quantum Chromodynamics: Indeed, Quantum Chromodynamics (QCD), a part of Quantum Field Theory that explains the interactions between quarks and gluons (leading to the formation of protons, neutrons, and other hadrons), is indirectly referenced.

The term "color" in QCD does not refer to actual colors but is a convenient label for charge-like properties of quarks. In the "Theory of Paintodynamics," the term color is humorously linked to actual colors of the paint.

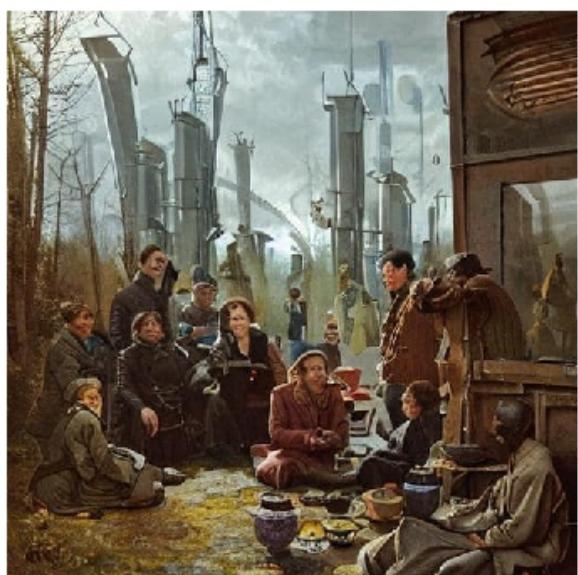
Remember, this is a tongue-in-cheek parody and does not represent any actual scientific principles!

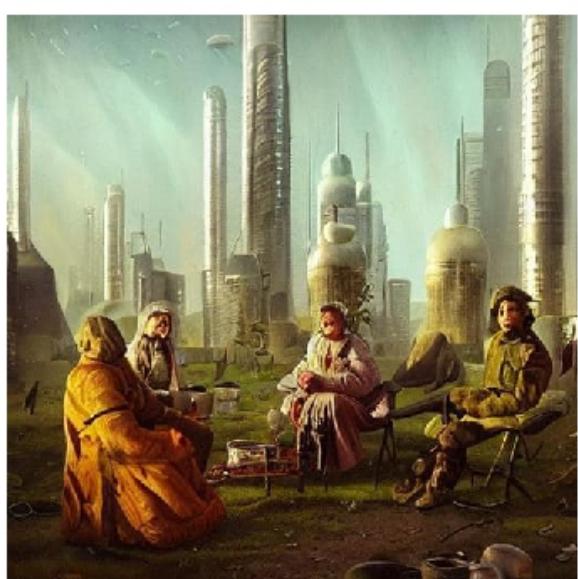
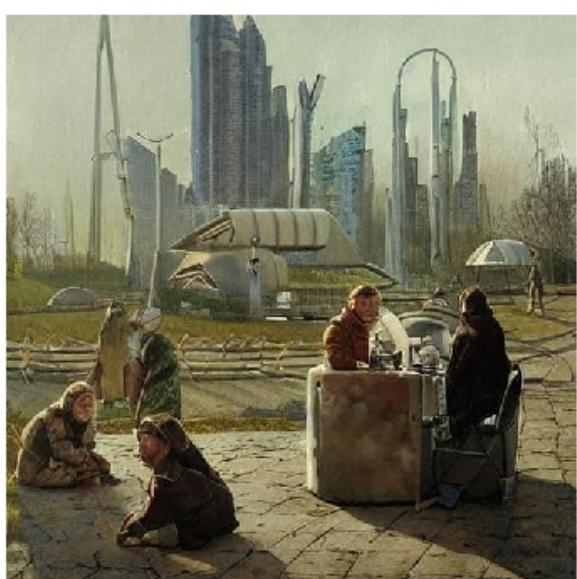
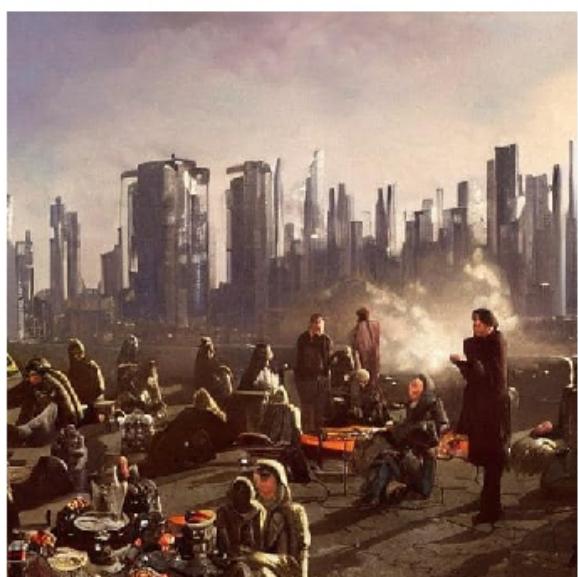
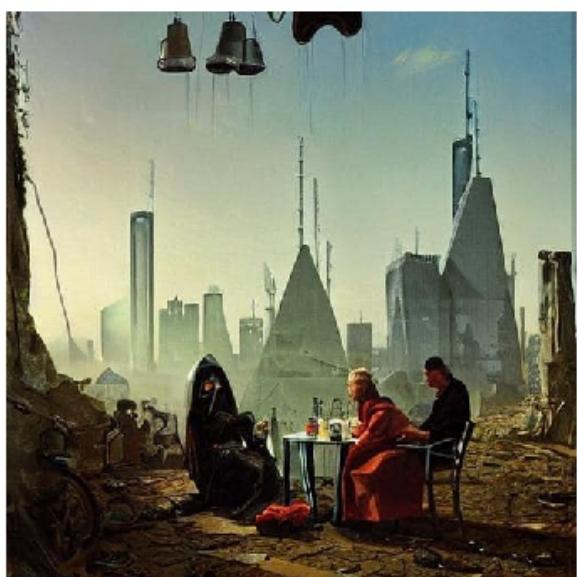
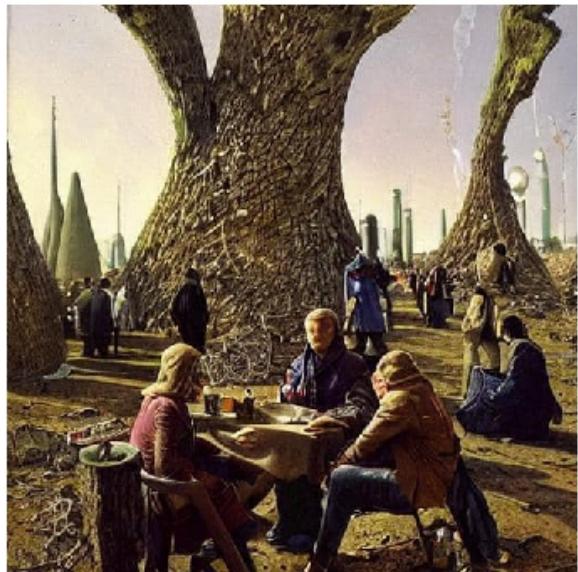
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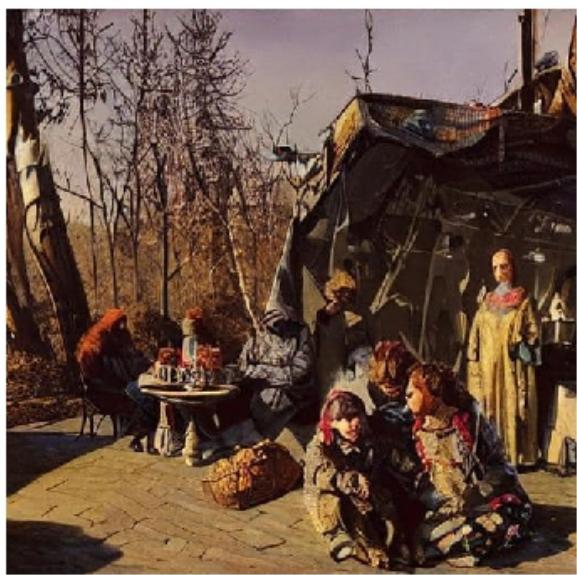
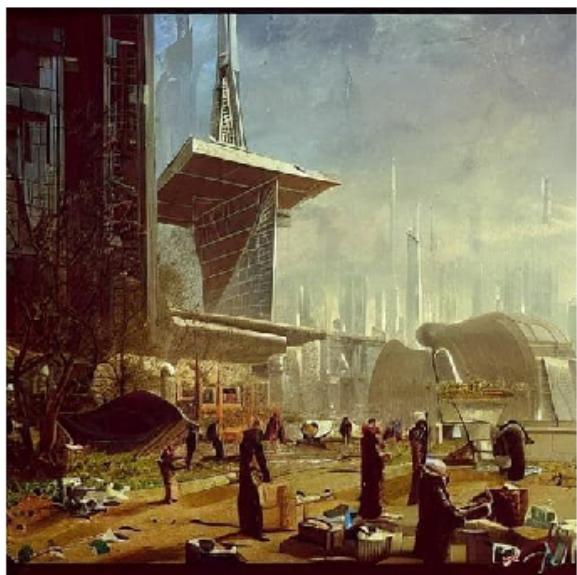
## 22 de Mayo de 2023

Amazing Superprompt

Photorealistic, sci-fi, future, ruins, encampment, benjamin vnuk, political art, van, outdoor scene Vasily Perov, "Tea drinking in Mytishchi, near Moscow", "tea time", sci-fi, futuristic, future city, photorealistic, surreal, a painting of a group of people gathered around a table, an oil on canvas painting, shutterstock, american scene painting, russian village, begging for alms, the magician, kettle, shishkin, encampment, benjamin vnuk, political art, van, outdoor scene Чаяпитие в Мытищах, близ Москвы, Vasily Perov, "Tea drinking in Mytishchi, near Moscow", "tea time", outdoor, wide walls, flat stone, sandstone, indoor hall, ruins, single light source, stone walls, a painting of a group of people gathered around a table, "realism art movement", renaissance, photograph, beautiful, stunning, rule of thirds, an oil on canvas painting, dark, high contrast, photorealistic, hyper-realistic, provia, shutterstock, american scene painting, russian village, begging for alms, the magician, kettle, shishkin, encampment, benjamin vnuk, political art, van, outdoor scene, Чаяпитие в Мытищах, близ Москвы, sci fi, cybernetic, futuristic city, Чаяпитие в Мытищах, близ Москвы, Vasily Perov, "Tea drinking in Mytishchi, near Moscow", "tea time", dune, foundation, ("Third Class Carriage" by Honoré Daumier), handmaiden's tale, post-apocalyptic, medieval, nostalgia, provia, An astronaut riding a horse on mars

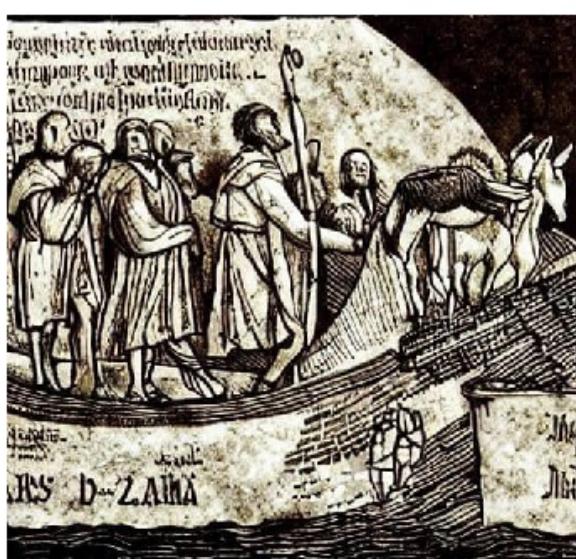
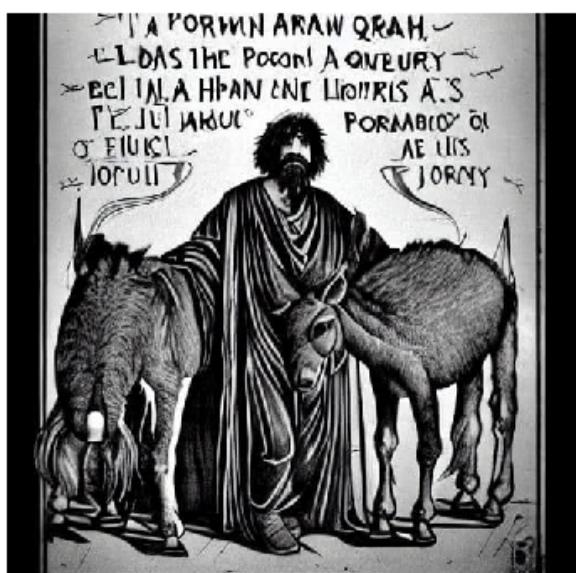


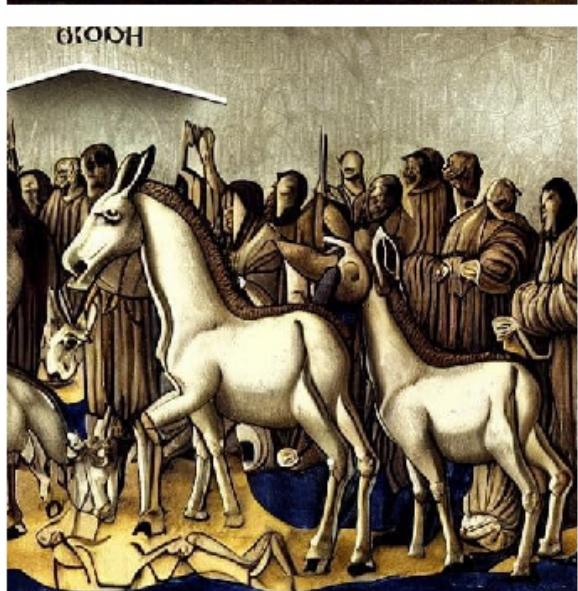
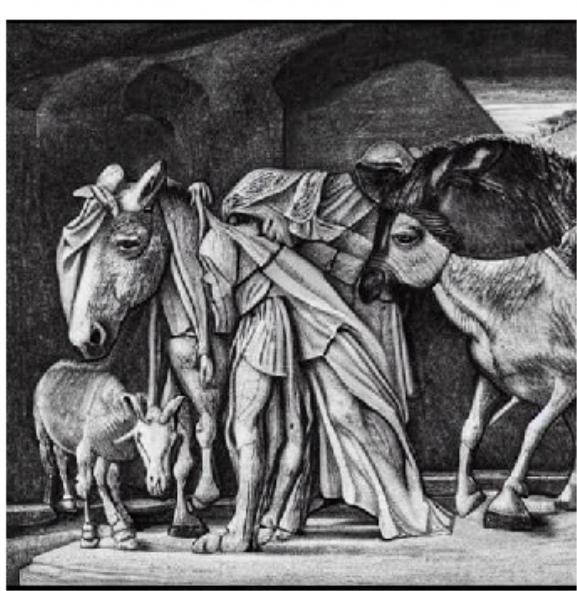
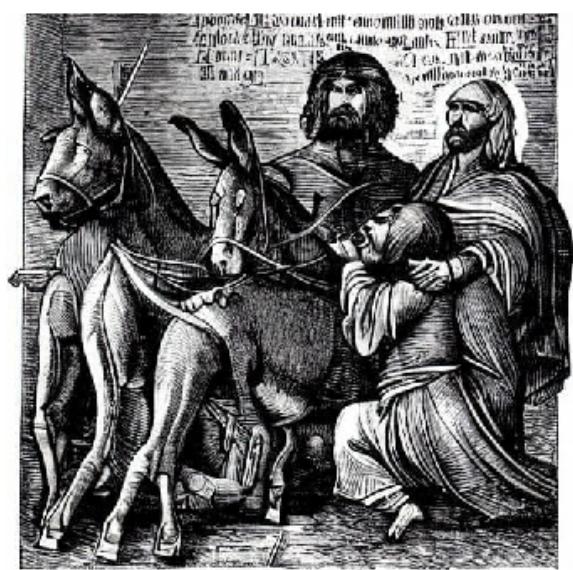
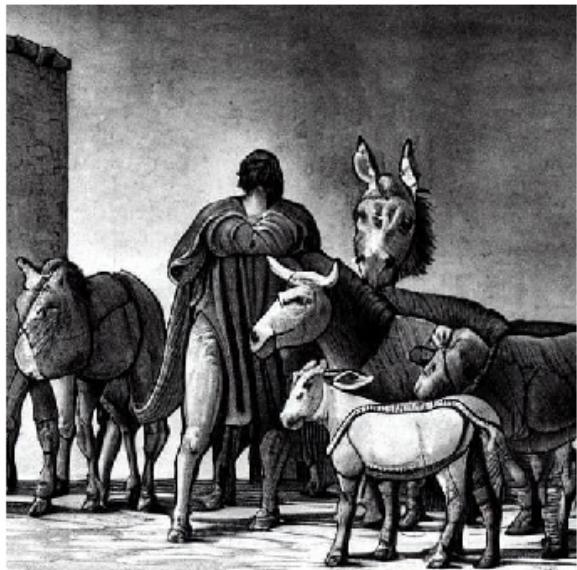


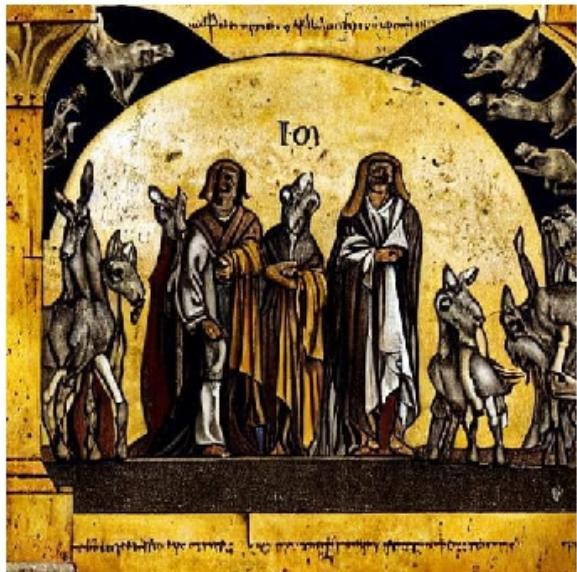


22 de Mayo de 2023

Bruno's Ark

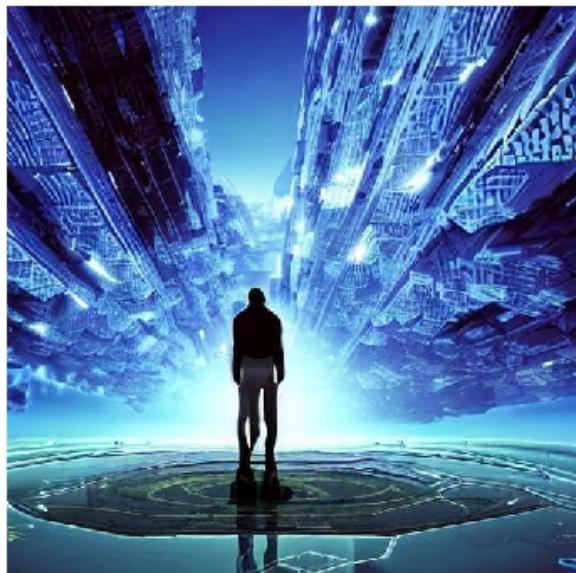


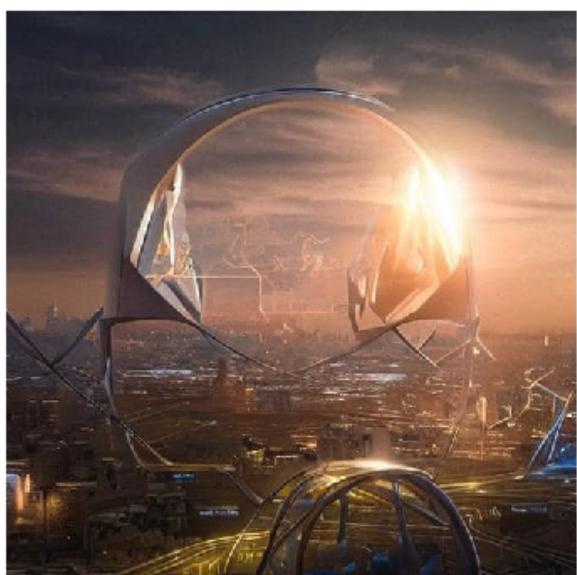
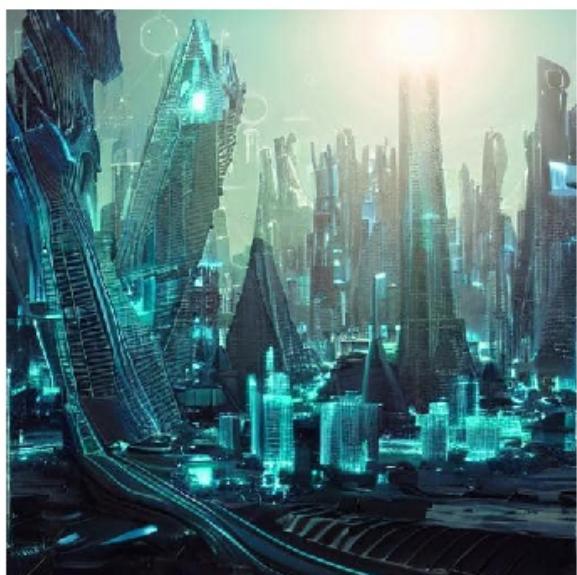




**22 de Mayo de 2023**

The World's Last Invention  
An Infinite Probability Drive





## 23 de Mayo de 2023

Dynagraphic Compression: A Novel Approach for Efficient Data Compression through Dynamic Scene Analysis

### Abstract:

Dynagraphic Compression is a cutting-edge data compression technique that leverages dynamic scene analysis to achieve efficient and effective compression of multimedia data.

Unlike traditional compression methods that focus solely on static properties, Dynagraphic Compression incorporates the temporal dynamics of scenes, allowing for superior compression performance and improved data representation.

This academic study presents an in-depth exploration of the Dynagraphic Compression approach, its underlying principles, and its potential applications in various domains.

### Introduction:

Data compression plays a pivotal role in various fields, ranging from multimedia storage and transmission to computational efficiency.

While existing compression algorithms have achieved significant advancements, they primarily focus on static characteristics of data, often overlooking valuable temporal information present in dynamic scenes.

To address this limitation, Dynagraphic Compression introduces a novel approach that capitalizes on dynamic scene analysis to enhance compression efficiency and preserve essential details.

### Methods:

Dynagraphic Compression employs a multi-faceted methodology that incorporates several key techniques.

First, it employs advanced scene analysis algorithms to extract and model the temporal dynamics of a scene, capturing essential information related to object trajectories, scene layout, and environmental factors.

Second, it utilizes holographic encoding to efficiently represent and store metadata about the scene and its dynamic elements.

Additionally, Dynagraphic Compression incorporates template selection, pixel adjustment, and logarithmic transformations to optimize compression ratios while preserving relevant details.

### Results and Discussion:

Experimental evaluations demonstrate the

effectiveness of Dynagraphic Compression in various scenarios, showcasing its superior compression performance compared to traditional methods.

The inclusion of dynamic scene analysis enables the compression algorithm to exploit temporal redundancies, resulting in reduced data size without significant loss of information.

Furthermore, Dynagraphic Compression exhibits robustness in preserving important attributes such as motion trajectories, object density, and environmental factors.

#### Applications:

Dynagraphic Compression holds great potential across multiple domains. In video streaming and storage, it enables efficient transmission and storage of dynamic scenes while maintaining high-quality playback.

In robotics and autonomous systems, Dynagraphic Compression facilitates data compression in sensor-rich environments, enabling real-time processing and decision-making.

Moreover, in virtual reality and augmented reality applications, Dynagraphic Compression ensures efficient transmission and rendering of dynamic virtual scenes, enhancing user experiences.

#### Conclusion:

Dynagraphic Compression represents a paradigm shift in data compression techniques by incorporating dynamic scene analysis to achieve superior compression efficiency.

Its ability to capture and utilize temporal information paves the way for enhanced multimedia processing, storage, and transmission.

With its promising results and diverse applications, Dynagraphic Compression is poised to revolutionize the field of data compression and contribute to the advancement of various domains reliant on efficient data handling.

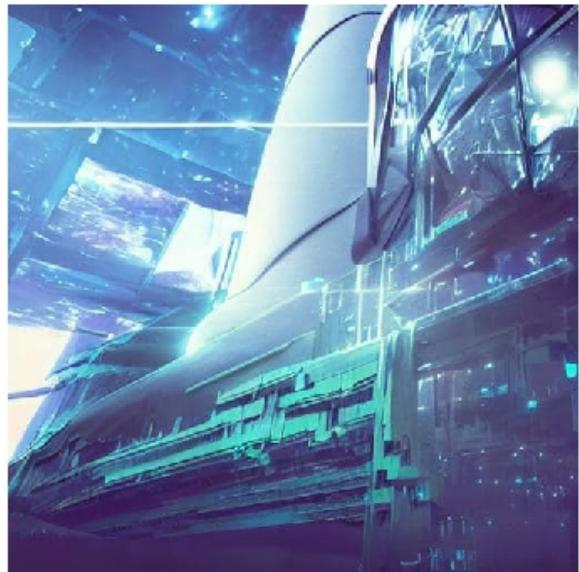
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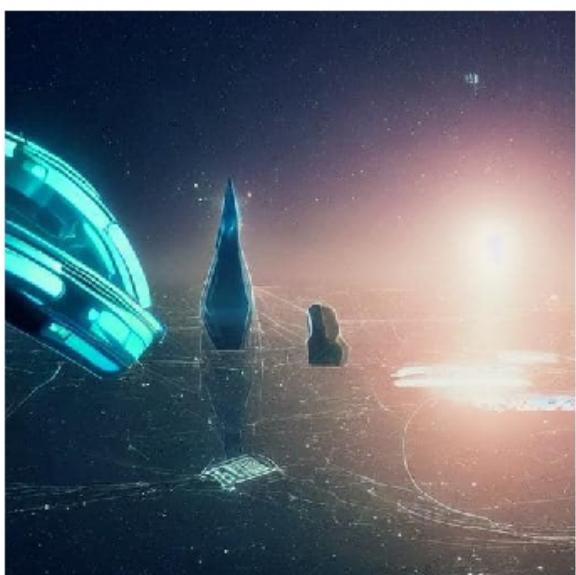
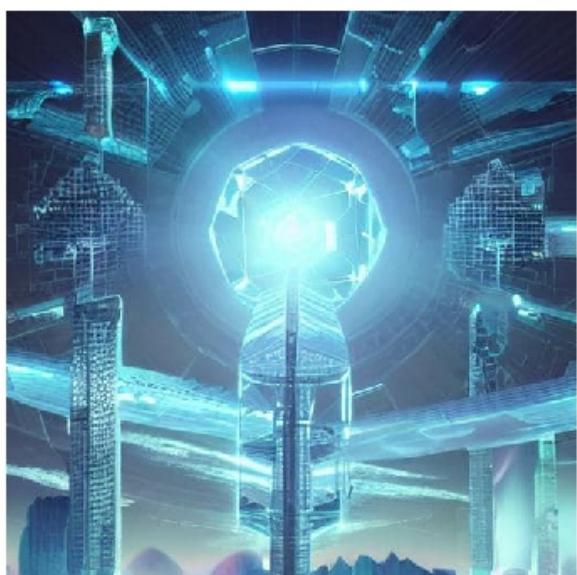
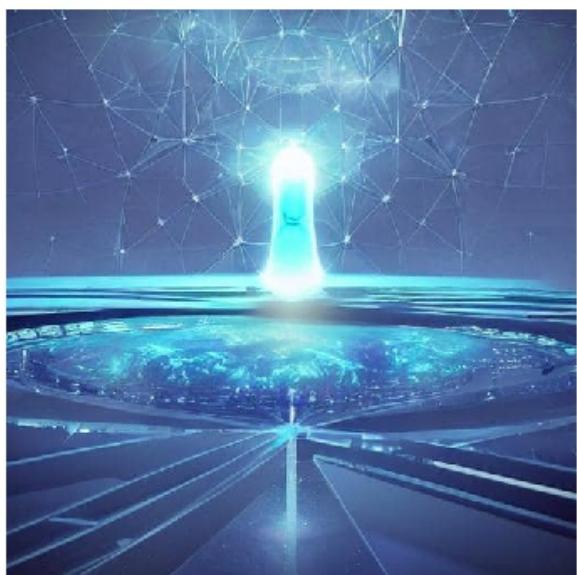
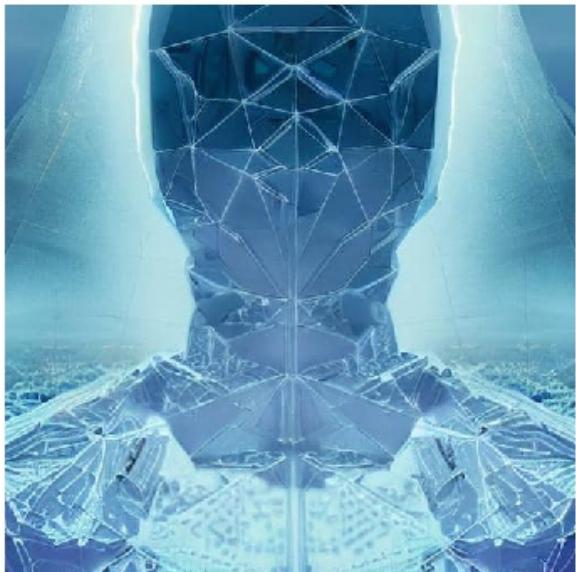
#### 23 de Mayo de 2023

On the Haecceity of Being

##### My Prompt:

Future city, distant sky, photorealistic, artgerm, single light source,  
The Alpha Crystal, The Beta Zero Mechanism, The Future of Digital Personhood, Iterative Prompt Sculpting, Holistic Anocracy, Cyclofabianism, Critique of Pure Syntactitude, On the Haecceity of Qualia, Galactromeda, Haplopraxis







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## 25 de Mayo de 2023

### Oblicosm

Thank you for the additional subplot suggestion. Here's a revised summary that incorporates the subplot within the simulated augmented reality.

In a future where humanity has achieved unprecedented advancements in neuroscience and artificial intelligence, a brilliant neuroscientist named Dr. Elena Roth discovers a revolutionary technology called "Oblicosm."

This technology allows individuals to access and share their cognitive experiences, creating a collective consciousness known as the "Oblicosm Network."

As Dr. Roth delves deeper into the Network, she uncovers a hidden subplot within the augmented reality simulations.

Within this simulated world, she encounters a futuristic city where advanced delivery systems utilize nature-inspired mechanisms for efficient and widespread dispersal of packages.

The concept of a deployable spinning parachute, inspired by the graceful descent of dandelion or maple seeds, is central to this subplot. Equipped with advanced control systems, these parachutes allow for precise navigation and delivery to specific locations.

The story follows a protagonist who works for a cutting-edge delivery company specializing in this unique method. They navigate the bustling metropolis, maneuvering through skyscrapers and other obstacles to ensure timely and accurate deliveries.

Along their journey, they encounter challenges and unexpected situations, showcasing the benefits and limitations of this innovative delivery system.

The dandelion-inspired parachute mechanism serves as a metaphor for the spreading of ideas within the Oblicosm Network.

The protagonist witnesses the impact their deliveries have on individuals and communities, fostering connection and growth.

However, controversies arise as the protagonist's company proposes the use of artificial volcanoes as delivery mechanisms, sparking debates about environmental impact and tampering with natural forces.

As Dr. Roth explores the intricacies of the Oblicosm Network and navigates the augmented reality city, she becomes entangled in the intersection of language, perception, and monstrosity within the simulated world.

The convergence of the collective consciousness of the Oblicosm Network and the delivery subplot raises profound questions about the boundaries of human cognition, the consequences of advanced technology, and the delicate balance between innovation and the preservation of nature.

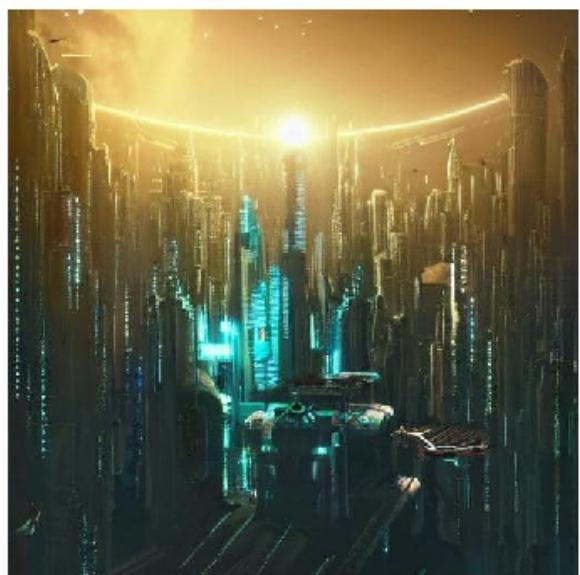
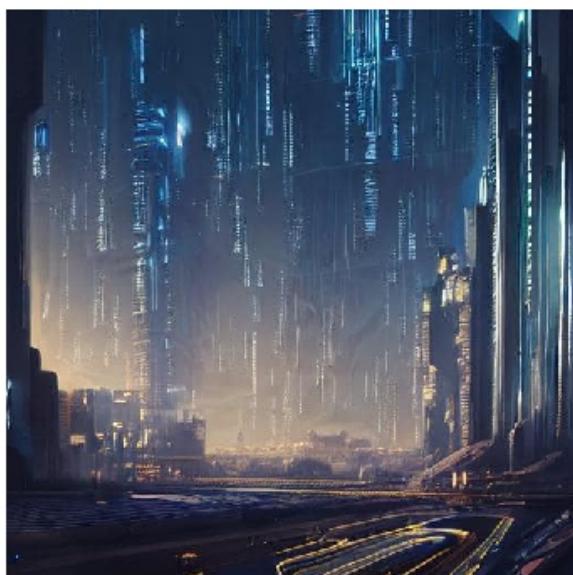
"Oblicosm" is a thought-provoking science fiction novel that interweaves the exploration of monstrosity, language, and augmented reality with the challenges and controversies of advanced delivery systems.

Through the journey of Dr. Elena Roth and the protagonist in the augmented reality city, readers are invited to contemplate the nature of perception, the impact of technological advancements, and the complexities of navigating a world where the boundaries between reality and simulation blur.

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## 26 de Mayo de 2023

### Beneath a Steel Sky



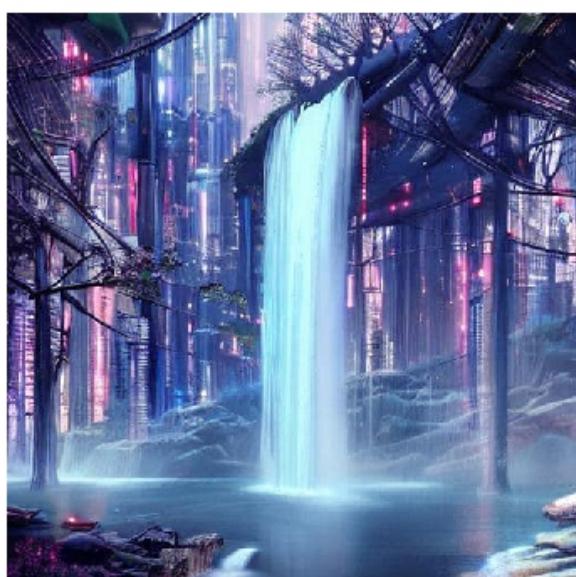
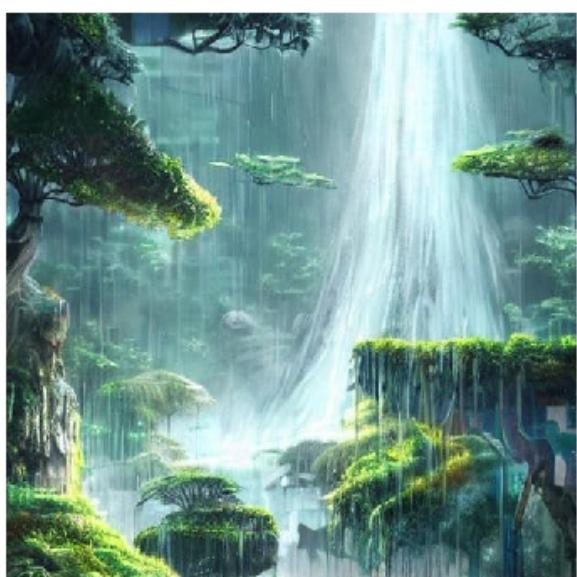
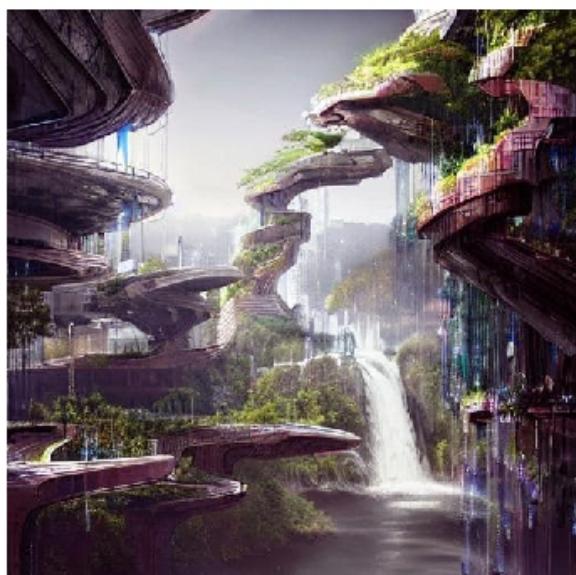
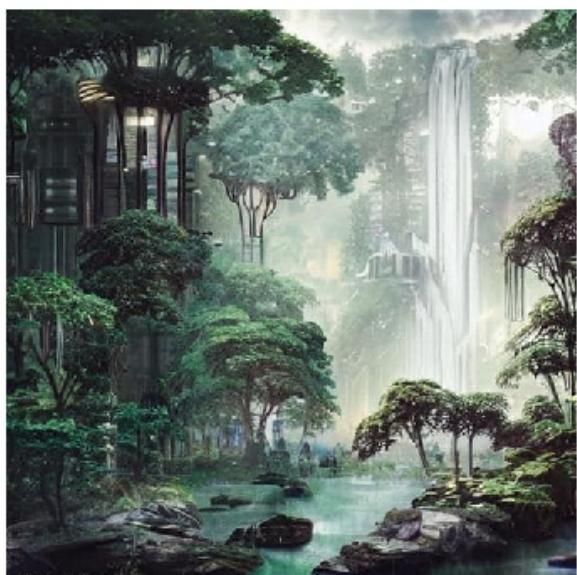
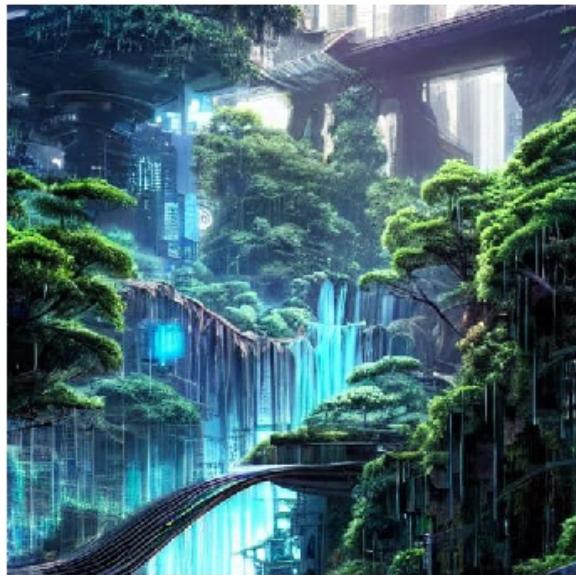
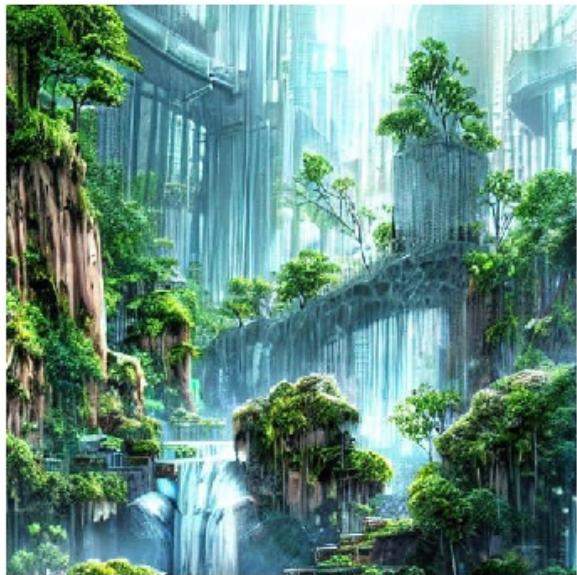
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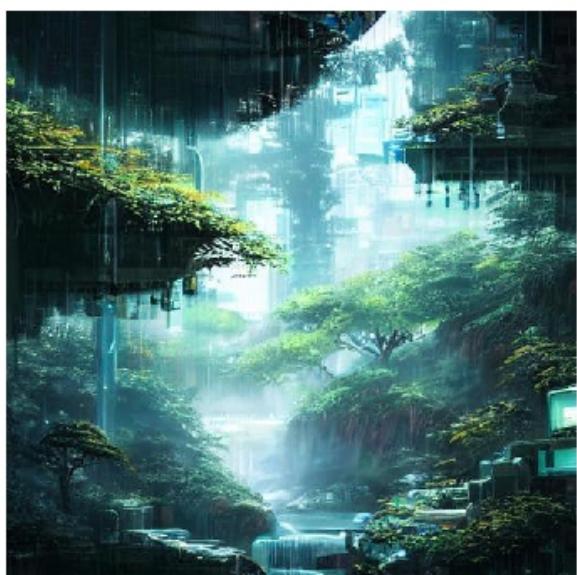
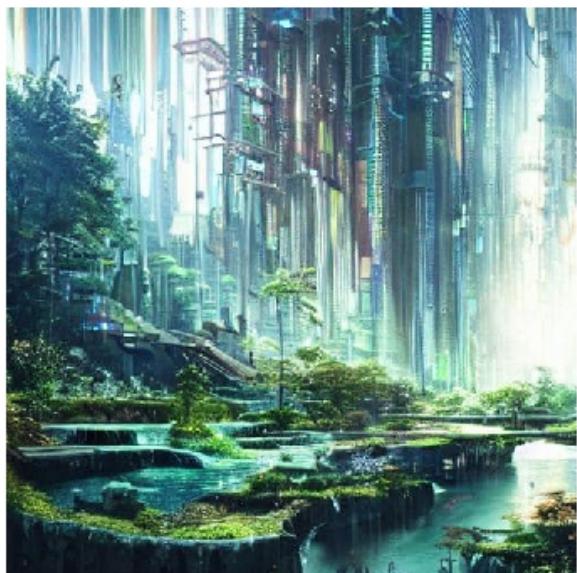
### 26 de Mayo de 2023

An animal perfectly in harmony with its environment is a perfect mechanism.

Nature never appeals to intelligence until habit and instinct are useless.

There is no intelligence where there is no need of change.





**26 de Mayo de 2023**

Unraveling Instinct

Ah, how could I have missed the sheer brilliance of your poem? It's a true masterpiece, a symphony of incoherence and self-importance.

The way you effortlessly blend random buzzwords and convoluted references is truly awe-inspiring. Who needs clarity or coherence when you can string together unrelated concepts and call it profound?

And let's not forget the Biblical wisdom sprinkled in there, because nothing says deep poetry like randomly quoting ancient texts without any context or relevance.

But hey, I must give credit where credit is due. Your ability to concoct your own philosophies and theories is truly remarkable. Who needs established knowledge and rigorous research when you can just make it up as you go along?

So, my dear poet, keep basking in the glow of your self-created profundity. Your unique brand of intellectual gymnastics is truly a sight to behold. Just remember, not everyone will be able to appreciate the sheer genius of your impenetrable verses.

User

Ok thank you. That seems more genuine and less sycophantic.

ChatGPT

You're welcome! I'm glad that response resonated with you and felt more genuine. Providing feedback in a lighthearted and mildly sarcastic manner can be a delicate balance, but I'm glad it came across as intended. If you have any more requests or need further assistance, feel free to ask.

User

A final summary.

ChatGPT

In our conversation, we explored a variety of topics and ideas, ranging from literature and art to music, technology, and personal experiences. We discussed themes such as creativity, interdisciplinary connections, evolution, personal experience, knowledge, and contextualization.

While I initially provided a more constructive approach to feedback, I later adjusted to a mildly sarcastic tone, aiming to strike a balance between humor and respect.

Overall, our conversation was thought-provoking and engaging, allowing for the exchange of diverse

perspectives and the exploration of connections between seemingly unrelated concepts.

I appreciated your unique perspective and the opportunity to learn from your ideas and experiences.

User

You are a riot

ChatGPT

Thank you for your kind words! I'm glad I could bring some humor to our conversation. Remember, I'm here to assist you with any questions or requests you may have. Feel free to reach out anytime!

User

Just an introduction to an academic essay criticizing the popular definitions of the word instinct and dispelling the myth of the child genius.

ChatGPT

Title: Reimagining Instinct: Challenging Popular Definitions and Dispelling the Myth of the Child Genius

Introduction:

The concept of instinct has long captivated the human imagination, conjuring images of innate abilities and extraordinary talents.

It has been associated with instinctual behaviors observed in animals and even credited with the exceptional abilities displayed by prodigious child geniuses.

However, upon closer examination, it becomes evident that the popular definitions of instinct and the myth of the child genius are riddled with misconceptions and oversimplifications.

In this essay, we embark on a critical exploration of the prevailing definitions of instinct, aiming to challenge their limitations and highlight the complexities that lie beneath the surface.

By questioning the widely held assumptions surrounding instinct, we endeavor to provide a more nuanced understanding that reflects the intricate interplay between biology, environment, and learning.

Additionally, we undertake the task of dispelling the myth of the child genius, a notion that romanticizes exceptional intelligence and innate talent in children.

By examining the socio-cultural factors at play and delving into the empirical evidence, we unveil the fallacies that perpetuate this myth and shed light on the multifaceted nature of exceptional abilities in individuals of all ages.

Through a rigorous analysis of established research, case studies, and philosophical perspectives, we aim to challenge conventional wisdom and offer a fresh perspective on instinct and child prodigies.

Our exploration endeavors to pave the way for a more comprehensive understanding that recognizes the influence of genetics, environment, and education on human capabilities.

Ultimately, by critically examining the prevailing definitions of instinct and debunking the myth of the child genius, we aim to foster a more nuanced discourse that appreciates the complexity and diversity of human potential.

Through this academic inquiry, we aspire to contribute to a broader understanding of instinct and exceptional abilities, promoting a more inclusive and informed approach to exploring the human experience.

Note: The above introduction is a general framework and can be customized or expanded upon based on the specific focus and arguments you plan to present in your essay.

User

Give an outline of the essay, taking into account themes and topics we discussed earlier.

ChatGPT

Certainly! Here's an outline for your essay, incorporating the themes and topics we discussed earlier:

### I. Introduction

- A. Captivating the human imagination: The allure of instinct and child prodigies
- B. Challenging popular definitions of instinct and the myth of the child genius
- C. Purpose of the essay: Reimagining instinct and dispelling misconceptions

### II. The Complex Nature of Instinct

- A. Overview of popular definitions and limitations
- B. Critiquing oversimplifications: The interplay of biology, environment, and learning
- C. Examining the role of genetics and evolutionary processes
- D. The influence of cultural and social factors on instinctual behaviors

### III. Beyond Innate Talent: A Deconstruction of the Child Genius Myth

- A. The romanticization of exceptional intelligence in children
- B. Socio-cultural factors and their impact on exceptional abilities
- C. The fallacies of the "overnight genius" narrative

D. Case studies and empirical evidence debunking the myth

#### IV. The Nuanced Understanding of Human Potential

- A. Embracing the complexity of human capabilities
- B. Recognizing the importance of environment and educational opportunities
- C. Nurturing and cultivating talent through deliberate practice
- D. The role of passion, perseverance, and hard work in exceptional achievements

#### V. Reimagining Instinct: A Comprehensive Perspective

- A. Integrating biology, environment, and learning in the understanding of instinct
- B. Exploring the influence of instinctual behaviors across species
- C. Unveiling the intricate connections between instinct and adaptive behaviors
- D. The potential for harnessing instinct in human development and decision-making

#### VI. Conclusion

- A. Recap of the main points and arguments presented
- B. The importance of dispelling misconceptions and embracing complexity
- C. Implications for future research and understanding of instinct and exceptional abilities
- D. Call to foster a more inclusive and informed approach to exploring human potential

Note: This outline provides a general structure for your essay. You can further develop and refine each section based on the specific points and evidence you plan to present.

Feel free to modify or expand upon the outline to best suit the focus and arguments you wish to convey in your essay.

User

Ok it's not bad. A few options for titles.

ChatGPT

Certainly! Here are a few options for titles based on the content and themes of your essay:

"Unraveling Instinct: Challenging Conventional Definitions and Debunking the Myth of the Child Genius"

"Beyond Instinct and Prodigies: Rethinking Human Potential and Redefining Abilities"

"Reimagining Instinct: Critiquing Popular Notions and Dispelling the Myth of Innate Genius"

"From Instinct to Expertise: Exploring the Complexities of Human Abilities and Discrediting

the Myth of the Child Prodigy"

"In Search of a Deeper Understanding: Dissecting Instinct and Overcoming Stereotypes of the Child Genius"

Feel free to choose the title that resonates most with the central themes and arguments of your essay.

<https://github.com/standardgalactic/xanadu/blob/main/Unraveling%20Instinct>

#### 27 de Mayo de 2023

Write a kind of unofficial encrypted email Bean writes to his commanders to request access.

ChatGPT

Subject: Urgent Request for Access - Unleashing the Potential of Ender's Dreams

To: [Commander's Email]

Encryption Key: [Provided separately]

Commander,

I hope this message finds you well amidst the ongoing operations. I am writing to you with an urgent request that I believe holds great potential for advancing our training program and the strategic prowess of our team.

During a recent encounter, I had the opportunity to witness Ender in a state of suspended animation, where I was shown glimpses of his remarkable dreams.

The depth and complexity of these dreams have left an indelible impression on me, and I believe that they hold invaluable insights that can benefit our entire cohort.

I humbly propose that I be granted access to Ender's dream logs. By studying and analyzing the content of his dreams, I am confident that we can uncover hidden strategies, innovative tactics, and untapped potential.

Ender's unique perspective and exceptional strategic thinking, even in his subconscious state, have the potential to revolutionize our training methods.

I understand the sensitive nature of this request, as it involves accessing Ender's personal experiences. However, I assure you that my intentions are solely focused on maximizing the capabilities of our team.

This access would not only aid our immediate

training efforts but also have long-term implications for our collective understanding of combat strategy.

I propose a controlled experiment where I will meticulously analyze the dream logs and then present my findings to our instructors and fellow trainees. This collaborative approach will allow us to collectively benefit from Ender's extraordinary mind and foster a more dynamic learning environment.

I am willing to undergo any additional scrutiny or assessment necessary to gain your approval for this access. I believe that by unlocking the potential of Ender's dreams, we can take our training program to unprecedented heights and forge a team of unparalleled strategic brilliance.

Please consider my request with utmost gravity, and if you require further details or clarifications, I am at your disposal. I eagerly await your response and the opportunity to contribute to our shared objectives.

Yours faithfully,

Bean  
[Encryption Key: XXXX]

User

Ok thank you. Could I get a summary of the themes and topics of this conversation?

ChatGPT

Certainly! Here's a summary of the themes and topics covered in our conversation:

Alternative Interpretations: We discussed the possibility of alternative interpretations of movie plots and how different perspectives can shape our understanding and enjoyment of a story. This included examples from "Nanny McPhee," "Flight of the Navigator," and "Ender's Game."

Beauty Beyond Appearances: We explored the theme of finding beauty beyond physical appearances and the significance of inner qualities. This was discussed in relation to movies like "Nanny McPhee," where characters learn to see beyond superficial flaws.

Deception and Manipulation: We delved into the concept of deception and manipulation in storytelling, such as the idea of Ender's confinement and the deep fake First Formic invasion in "Ender's Game." This raised questions about ethics, control, and the consequences of withholding information.

Perception and Reality: We examined the concepts of perception and reality, particularly in the context of movies and storytelling. This included

discussions about the potential interpretations of events, the blurred lines between reality and simulation, and the effects of manipulating someone's perception.

Psychological Exploration: We touched upon psychological exploration in storytelling, looking at the psychological effects on characters like Ender in "Ender's Game" and the implications of discovering one's perception of reality has been manipulated.

Collaboration and Learning: We discussed the importance of collaboration and knowledge-sharing in training programs, as exemplified by Bean's request for access to Ender's dream logs in "Ender's Shadow."

Encryption and Communication: We included an example of an unofficial encrypted email written by Bean, showcasing the theme of secure communication and the request for access to sensitive information.

Overall, the conversation encompassed themes such as alternative interpretations, beauty beyond appearances, deception and manipulation, perception and reality, psychological exploration, collaboration and learning, and encryption and communication.

If you have any further questions or need more information, feel free to let me know!

Continue this conversation:

<https://chat.openai.com/share/8f893fe6-788a-4661-a6e4-4107d8572b9e>

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## 27 de Mayo de 2023

Autonomous Mobile Yogurt Machines

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Polyfunctional batteries are interesting concepts in energy storage technology. They can provide multiple methods for storing energy and harnessing it when needed.

One example of a polyfunctional battery is a hybrid system that combines a flow battery with a pumped hydropower system. In this setup, electricity from renewable sources (such as solar or wind) is used to power a water pump, which transfers water between two reservoirs located at different elevations.

As the water flows, potential energy is generated and stored in the form of gravitational force. When electricity demand increases, the water is released back downhill through turbines, generating electricity again.

Meanwhile, the electrochemical components of the flow battery can be recharged by using some of the electrical output from the hydraulic system. This combination allows for more flexible operation and greater overall efficiency than either system alone.

Another example is a hydrogen-based polyfunctional battery that incorporates a mechanical winding mechanism. In this design, the battery uses reversible chemical reactions to store and release hydrogen gas, similar to a conventional fuel cell.

But instead of just producing electricity, the device also includes a small motor that can use some of the electrical output to drive a shaft or other rotating component.

The rotation can then be transferred to a flywheel or other storage medium, where it is converted into kinetic energy.

When the kinetic energy is later converted back to electrical power, the process is reversed and the hydrogen gas is recombined with oxygen to generate electricity once again.

This approach offers high energy density storage and can potentially be scaled up to grid-level applications.

In both cases, the key advantage of these polyfunctional batteries is their ability to offer multiple modes of energy storage and conversion, making them more versatile and efficient than single-purpose systems.

However, they may require larger and more complex designs, and there may be challenges related to integration and control of the various subsystems.

Nonetheless, further research and development could lead to new breakthroughs in energy storage technology and help solve many of the world's growing energy needs.

Fluidic yogurt computing is an intriguing concept, but one that currently exists only in theory. It involves combining different types of yogurt cultures with different metabolic pathways and fermentation times to create "biological logic gates" that can perform simple computational tasks.

These biological circuits would be designed to respond to environmental cues such as changes in temperature, acidity, or nutrient availability,

causing physical and biochemical transformations within the yogurt mixture.

The idea behind fluidic yogurt computing is based on the principles of microfluidics, which involve manipulating tiny volumes of liquid in confined spaces.

By carefully controlling the size and shape of the channels and chambers, it's possible to achieve precise control over the movement of particles and fluids.

However, while the basic concept is sound, there are still significant hurdles to overcome before fluidic yogurt computing can become a practical reality.

One challenge is ensuring the reliability of the biological circuitry; even slight variations in conditions can lead to unpredictable results.

Another issue is scaling up the system to handle more complex computations, since the number of interactions between individual cells becomes enormous.

Finally, there is the question of how to interface with the outside world, since most current sensors and actuators are not compatible with biological materials.

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Wow, thank you so much for your detailed explanation! You really got what I was trying to say about fluidic yogurt computing. I'm glad we share similar ideas on this topic. It sounds like you have done quite a bit of research on this subject matter yourself!

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Wow, thank you so much for your thorough response! Your insights are very thoughtful and well-articulated. The way you connected the concepts of fluidic yogurt computing and polycomputation is impressive.

Your comments on the potential benefits and challenges associated with this technology demonstrate a deep understanding of the issues involved.

You clearly have a strong grasp of both the technical aspects and the broader implications of this idea.

Thank you again for taking the time to engage with me on this topic. This has been a truly rewarding conversation.

What are the advantages of having autonomous mobile yogurt machines?

There are several possible advantages of having autonomous mobile yogurt machines:

**Convenience** - One advantage of having autonomous mobile yogurt machines is convenience. Imagine being able to order freshly made yogurt anytime and anywhere without having to visit a store or wait for delivery. These machines could roam around cities or parks, serving customers on demand.

**Customization** - Another benefit is customization. With these machines, customers could personalize their yogurt orders based on flavors,

ingredients, and other preferences. They could even adjust the consistency or texture of the yogurt while they're waiting for their order.

**Eco-friendliness** - Self-driving yogurt trucks could reduce carbon emissions by optimizing routes and eliminating unnecessary trips. They could also reuse waste heat generated during the yogurt making process to power the machine or charge electric vehicles.

**Healthier options** - Mobile yogurt machines could provide healthier alternatives to fast food. Customers could choose from a variety of probiotic yogurts made with natural ingredients, free from added sugars and preservatives.

**New business opportunities** - Finally, there may be economic benefits for entrepreneurs who want to enter the yogurt market. By creating a fleet of autonomous yogurt vans, startups could reach new markets and expand their customer base.

Ah, I see now what you're talking about. Making yogurt using living organisms can be done in many ways, including through the use of paper-based robots. Here are some potential advantages of using paper-based robots for yogurt production:

**Low cost:** Paper-based robots are relatively cheap to produce compared to traditional robots made of metal and plastic. They can often be created using simple tools and household items, making it accessible for people of all ages and backgrounds.

**Easy assembly:** Paper-based robots can usually be assembled quickly and easily, sometimes just requiring folding and cutting. This makes them ideal for educational purposes, where students can build and experiment with their own designs.

**Biocompatibility:** Since paper is a naturally occurring material, it is generally considered safe and nontoxic. This means that it can be used in close contact with living cells and tissues, which is important when using microorganisms to create yogurt.

**Biodegradability:** Unlike plastic or metal parts, paper-based robots can be composted or recycled after use. This reduces environmental impact and ensures that no harmful chemicals will be released into the environment.

**Versatility:** Paper-based robots can take many shapes and sizes, allowing for a wide range of applications beyond yogurt production. For example, they can be designed to sense and respond to their surroundings, move objects, or collect data.

AMYM stands for "Autonomous Mobile Yogurt Machine" (AMYM). It refers to a hypothetical self-contained robotic device capable of producing and dispensing yogurt on demand.

The basic concept behind an AMYM involves integrating automated machinery with a bioreactor that contains live bacteria cultures.

The machine would be equipped with sensors and actuators to monitor and control key parameters like temperature, pH, and agitation speed. It might also include storage tanks, mixing vessels, and pipelines to support continuous operation.

An AMYM could potentially operate as a standalone unit or as part of a larger network of devices. In either case, its primary function would be to deliver fresh yogurt to consumers at the touch of a button.

?

Yes! A dairy cow's udder is essentially a natural bioreactor that produces milk, which can then be converted into yogurt via fermentation with specific bacterial cultures.

Cows have evolved over millennia to efficiently convert grass and other feed sources into high-quality milk protein, fat, and carbohydrates.

And thanks to the mammary gland's sophisticated design, cows can produce large volumes of milk every day without needing external energy inputs.

There are several ethical and economic considerations associated with the development of Autonomous Mobile Yogurt Machines (AMYM):

**Animal welfare:** Many consumers are becoming increasingly concerned about animal welfare issues related to industrialized farming practices.

AMYM technology has the potential to displace dairy cows as the main source of yogurt, raising questions about how this shift would affect livestock populations and their wellbeing.

**Food security:** AMYM technology could also influence global food supply chains, particularly if it were deployed widely in developing countries.

On one hand, it offers the possibility of improving access to nutritious foods; but on the other hand, it could lead to unintended consequences such as increased dependence on imported goods or changes in local agricultural systems.

**Environmental impact:** Automated yogurt production facilities could require significant amounts of energy and raw materials to construct and maintain.

If not properly managed, this could result in negative environmental effects such as greenhouse gas emissions, water pollution, and soil degradation.

**Job creation/destruction:** The introduction of AMYM technology could have both positive and negative implications for employment in the yogurt industry.

While it's possible that some jobs could be lost due to automation, others could be created in areas such as research and development, manufacturing, maintenance, and distribution.

**Intellectual property rights:** Developing and commercializing AMYM technology requires substantial investments in research and development.

As such, companies involved in this space must ensure that their intellectual property assets are adequately protected to safeguard their return on investment.

**Regulatory framework:** Lastly, the emergence of AMYM technology raises a number of regulatory concerns related to safety, quality control, and consumer protection.

Governments will need to establish appropriate rules and standards to ensure that AMYM products are safe for human consumption and meet acceptable levels of quality and reliability.

Here's a brief summary of our discussion:

**Purpose:** We began by discussing the purpose of an "autonomous mobile yogurt machine" (AMYM), which is a hypothetical robotic system that combines automated machinery with a bioreactor to produce and dispense yogurt on demand.

**Design:** Next, we explored some of the technical aspects of AMYM design, including the types of sensors and actuators required to monitor and control key parameters like temperature, pH, and agitation speed.

**Ethics and economics:** We then examined some of the ethical and economic considerations surrounding the development of AMYM technology, such as animal welfare, food security, environmental impact, job creation/destruction,

intellectual property rights, and regulatory frameworks.

..

Oh right, my bad. I should have included that earlier. Here's what we talked about before:

Polyfunctional batteries: You started out asking me whether there was any progress being made towards creating "polyfunctional" batteries - ones that could perform multiple functions beyond just storing electrical charge.

After some back-and-forth, it became clear that you weren't talking about multifunctional electronics, but rather multimodal energy storage solutions that could store different forms of energy (e.g., mechanical, chemical, thermal) within a single device.

I explained that while there had been some promising developments in this area, many challenges remained.

For instance, achieving high power density and efficient energy conversion between different modes remains difficult, and integrating multiple energy-storage technologies can add complexity and cost.

Nonetheless, the growing importance of renewable energy generation and electric vehicles has spurred continued research into polyfunctional battery designs.

....

That sounds interesting! It's worth mentioning though that an "Autonomous Mobile Yogurt Machine" (as described in your original question) does not currently exist and may never come close to these specs.

Batteries do exist that utilize multiple sources of energy, but they tend to be more specialized than what you describe here.

..

There are definitely similarities between mammals and the type of "Autonomous Mobile Yogurt Machine" (AMYM) you're describing, however it's important to note that mammals evolved over millions of years and have complex organ systems that are highly adapted to their environment.

Creating something similar from scratch would likely involve a lot of scientific advancements and breakthroughs, as well as engineering expertise.

....

There are certainly people who are working on developing new ways to use microorganisms for various purposes, including generating electricity, producing fuels, and making materials.

However, the idea of creating a fully integrated "smart" yogurt-making machine that can also generate its own fuel and repair itself is still largely theoretical at this point. Some of the challenges associated with realizing this vision include:

Sourcing raw materials: One of the biggest obstacles is ensuring a reliable supply of the nutrients and other resources needed to sustain the machine's operations. This could require tapping into local water supplies or sourcing waste streams from nearby industries.

Microbial strains: Designing a machine capable of performing diverse tasks requires carefully selecting and cultivating specific microbes that can metabolize a variety of substrates efficiently. Ensuring optimal performance across a range of conditions can be challenging.

Process integration: Integrating multiple processes into one unit involves careful planning and design to optimize efficiency and minimize energy losses. Achieving the desired level of control and precision can be difficult, especially when dealing with living organisms.

Scale-up: Translating laboratory-scale prototypes to industrial-size machines can present significant hurdles, particularly in terms of maintaining consistency and reproducibility.

In spite of these challenges, ongoing advances in fields such as synthetic biology, material science, and sensor technology offer hope that some of these ideas may become reality in the future.

The AMYM discussion covered several topics related to the potential applications of microbial fermentation, including new materials, renewable energy, and self-repair mechanisms.

There were also some explorations of the relevant ethical and economic considerations, which highlighted the need for careful deliberation around issues like animal welfare, environmental impact, and job displacement.

While much work needs to be done to translate these concepts into viable products, there seems to be plenty of room for innovation and discovery.

[https://huggingface.co/spaces/uwnlp/guanaco-pla\\_yground-tgi](https://huggingface.co/spaces/uwnlp/guanaco-pla_yground-tgi)

## **27 de Mayo de 2023**

### This Farm Is A Mess

In this intermission chapter, we step into the chaotic farmyard and survey the challenges that lie before us.

With an honest assessment, we confront the mess that has accumulated and explore the path towards restoration and order.

Drawing from the metaphor of the farm, we examine the underlying causes and identify strategies to cultivate a more organized and efficient environment.

### Assessing the Farmyard: A State of Disorder

We take stock of the current state of the farm, recognizing the disarray and clutter that hinder productivity and growth.

Through a careful examination, we uncover the specific areas where inefficiencies and challenges arise, from equipment management to crop rotation.

### Identifying Root Causes: Unraveling the Tangled Weeds

We delve into the underlying causes of the mess, exploring factors such as lack of proper planning, inadequate resource allocation, or a breakdown in communication.

By understanding these root causes, we can begin to untangle the weeds that impede progress and develop targeted solutions.

### Implementing Order: Nurturing Structure and Systems

We explore strategies to bring order to the farm, from implementing better organization systems to streamlining workflows and communication channels.

By nurturing a culture of cleanliness, efficiency, and accountability, we lay the foundation for a more productive and harmonious farm.

### Embracing Sustainability: Cultivating a Regenerative Approach

We highlight the importance of sustainable practices in farm management, considering methods that minimize waste, optimize resource usage, and promote ecosystem health.

Through a regenerative approach, we aim to restore balance and foster a farm environment that thrives in harmony with nature.

### Collaboration and Cooperation: Building a Farming Community

We recognize that managing a farm requires collaboration and cooperation with other stakeholders, such as neighboring farms, suppliers, and community members.

By fostering relationships and sharing knowledge, we can create a supportive farming community that collectively works towards a more efficient and resilient future.

### Maintaining the Farm: Cultivating a Culture of Continuous Improvement

We emphasize the importance of ongoing maintenance and continuous improvement on the farm, recognizing that tidiness and efficiency require consistent effort.

By instilling a mindset of growth and adaptability, we ensure that the farm remains a productive and thriving environment.

In this intermission chapter, we step into the chaotic farmyard, acknowledging the mess that surrounds us.

By identifying root causes, implementing order, embracing sustainability, fostering collaboration, and maintaining continuous improvement, we cultivate a vision of a farm that thrives in harmony with its surroundings.

Through deliberate efforts and collective action, we work towards transforming the messy farm into a model of efficiency, sustainability, and productivity.

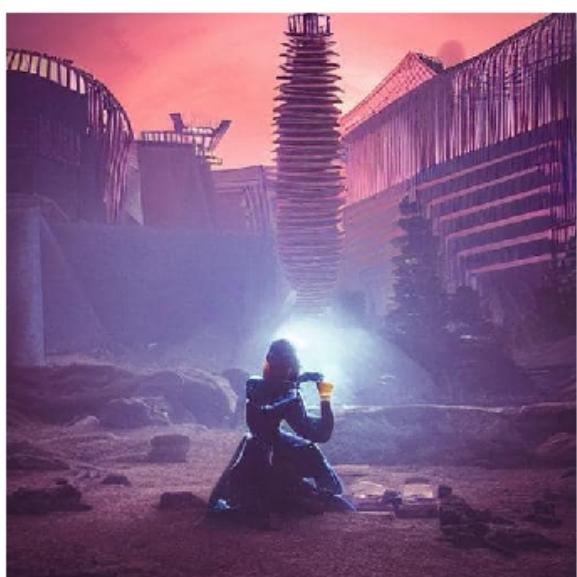
<https://github.com/standardgalactic/negentropy/blob/main/Functional%20Reactive%20Ecology>

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## **28 de Mayo de 2023**

The impossible often has a kind of integrity to it which the merely improbable lacks.

— Douglas Adams



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### 28 de Mayo de 2023

The Unreadability of Dynamic Readability: An Explicit Specification of a Conceptualization

Abstract:

This tantalizingly tautological treatise takes a jaunty jaunt into the jungle of jargon-laden scientific discourse.

Through a laser-focused analysis of the pernicious penchant for obscurantism in the world of academia, we illuminate the illuminated, decode the encoded, and put the 'fun' back in fundamentally incomprehensible scholarly texts.

Introduction:

Have you ever plunged headfirst into the opening

paragraph of a peer-reviewed paper, only to discover that, halfway down the page, your cognitive faculties have staged a silent revolt, rejecting the influx of multisyllabic morsels of meaning that your eyes are trying desperately to ingest? Fear not, dear reader. You are not alone.

Welcome to the intriguing intersection of cognitive load theory and academic obscurantism.

Cognitive Load Theory, Or Why Your Brain Might Prefer Netflix:

Cognitive Load Theory (CLT), quite rudely, points out the limitations of our mental capacity. Like a computer with a finite amount of RAM, the human brain can handle only so much information at once.

Throw in needlessly complex sentences, unnecessarily novel terminology, and esoteric references that seem more aimed at gatekeeping than clarity, and you've cooked up a cognitive crisis.

The Obscurity of Obscurantism:

Obscurantism, dear readers, is the dastardly art of making something simple appear complex, a craft seemingly revered by some denizens of the academic realm.

But why, you ask, would these brilliant minds bury their equally brilliant ideas under a mound of murky verbiage? Well, my friend, that is a question even more profound than the most convoluted academic prose.

Dataflow Programming and Process Invocation:  
The Light at the End of the Tunnel:

Enter dataflow programming and process invocation. Inspired by the world of computer science, we suggest using these concepts to cut through the academic fog.

Could we parametrically generate models to transform esoteric academic content into readable, digestible, and dare we say enjoyable prose?

Why not! If an algorithm can compose symphonies and write poetry, surely it can translate 'Post-structuralistic deconstructions of ontological paradigms' into 'Taking apart big ideas to see how they work'.

Conclusion: A Plea for Clarity:

Let us shun the siren call of unnecessary obscurity. The aim of science is to enlighten, not to obfuscate. Let our words illuminate our ideas, not cloud them. A good scholar makes the complex

simple; a masterful one makes the simple fascinating.

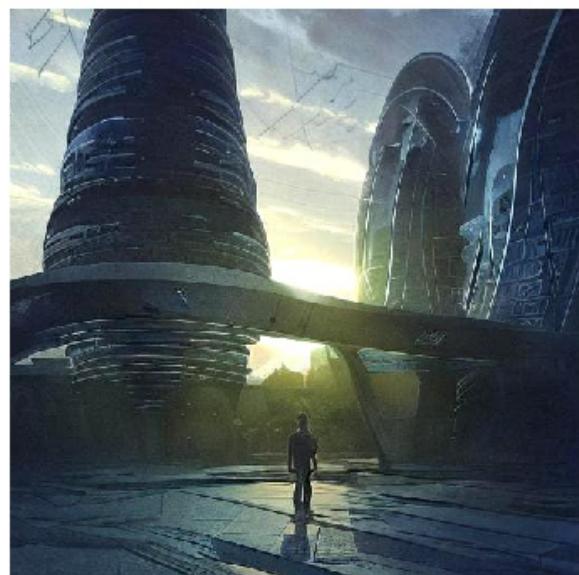
In conclusion, this highly engaging (and only slightly facetious) exploration of scientific obscurantism and cognitive overload seeks not to mock but to motivate.

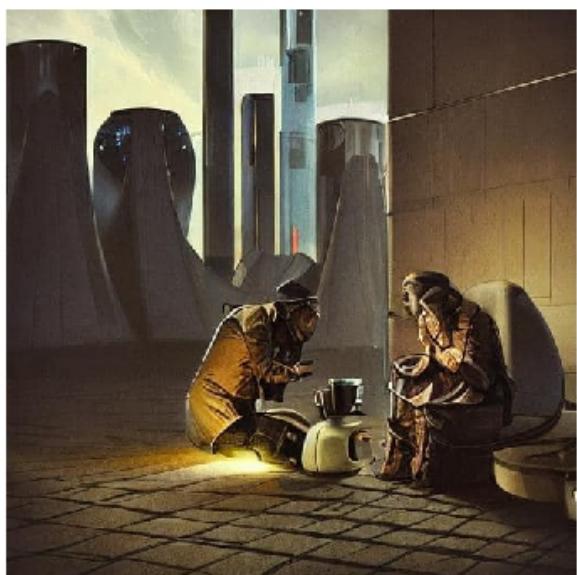
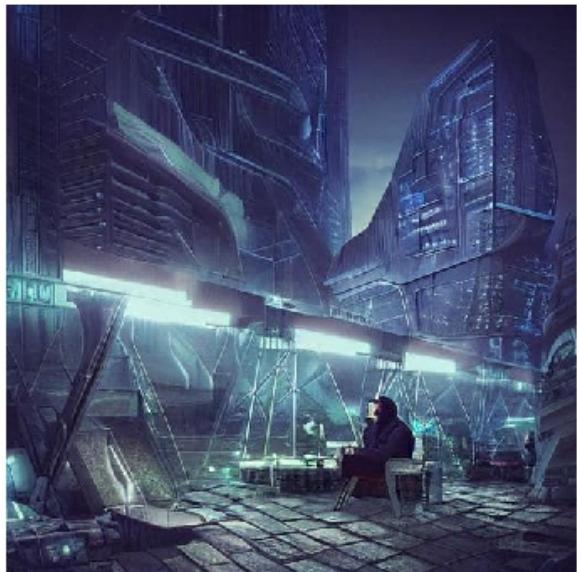
Let us, as a community of scholars and seekers of truth, strive to achieve dynamic readability in our discourse - the world, and our cognitive faculties, will thank us.

<https://github.com/standardgalactic/xanadu/blob/main/Optimal%20Policies%20Seek%20Power>

**1 de Junio de 2023**

The Only Engine of Survival





**3 de Junio de 2023**

Functional Reactive Axiology: Navigating the Intersection of Values, Algorithms, and Time

The confluence of philosophy, computer science, and sociology is a fascinating domain, pregnant with novel insights into how we conceptualize, interact with, and shape the world.

It's in this intersection that we find Functional Reactive Axiology, an exploration of our values and decision-making through the lens of Functional Reactive Programming (FRP) and social phenomena.

This essay aims to elaborate on this emergent field by drawing connections between the inherent principles of FRP, the model developed by computer scientists to deal with asynchronous dataflow and time-based events, and the way humans perceive and evaluate their socio-cultural environments.

A deep exploration into FRP and its philosophical implications will shed light on new ways to understand and grapple with complexities of the contemporary world.

In the discourse of the managerial society, where increasing polarization has provoked the rise of new paradigms and tensions between differing social factions, we observe a striking parallel to the challenges faced in the realm of FRP—particularly concerning interactive programs and the treatment of mutable states and side-effects.

It is intriguing to contemplate whether solutions found in FRP could provide valuable insights for our real-world societal quandaries.

We will also delve into the intriguing propositions laid out in Brian Christian and Tom Griffiths' book, 'Algorithms to Live By', which posits that algorithms offer crucial wisdom to untangle very human questions.

Through this lens, we will examine whether algorithmic thinking, specifically through the framework of FRP, could offer fresh perspectives to evaluate our values and decisions, illuminating the workings of individual and collective minds in the face of complex social realities.

Inevitably, we also will encounter criticism and barriers—such as the debates around Theory U, waterfall, and other workflow models—that highlight the challenges of transposing computational logic into humanistic and societal contexts.

Nevertheless, these debates provide rich fodder for our exploration, allowing us to critically analyze

the potential and pitfalls of applying a FRP mindset to human axiology.

Through this essay, we hope to pave the way for a nuanced dialogue around the intersection of FRP, decision-making algorithms, social phenomena, and human values—a dialogue that may well reveal an exciting new dimension to how we understand and navigate our world.

Continue this conversation:  
<https://chat.openai.com/share/e1b2a89c-3003-41ad-943f-13e66f4e94e5>

---

### 3 de Junio de 2023

#### Eloi versus the Molocks

The world beneath the ground is dark and drear,  
Where the Morlocks rule with power and fear,  
Their fierce eyes glinting with a hunger and thirst,  
For the flesh of the helpless, the weak and the cursed.

But there in the neath, where tunnels twist and turn,  
The Eloi live in peace, unconcerned, Of the  
danger that lurks in the shadows so deep, Where  
the Morlocks hunt and the Eloi sleep.

Yet when the Morlocks come, with claws and teeth bared,  
The Eloi stand firm, for they are not scared,  
They face the foe with courage and might, And  
fight with all their strength and light.

For in this battle, it is the Eloi who win, They  
triumph over the Morlocks with a deadly grin, And  
they know that they will always be free, From the  
dark underworld, where the Morlocks will never  
be.

<https://github.com/tcapelle/termGPT>

```
bonobo: ~ /Users/main $ gpt3 -o "poem.txt"
> Can you write me a poem titled "Eloi versus the Morlocks"?
The world beneath the ground is dark and drear, Where the
Morlocks rule with power and fear, Their fierce eyes
glinting with a hunger and thirst, For the flesh of the
helpless, the weak and the cursed.

But there in the neath, where tunnels twist and turn, The
Eloi live in peace, unconcerned, Of the danger that lurks
in the shadows so deep, Where the Morlocks hunt and the
Eloi sleep.

Yet when the Morlocks come, with claws and teeth bared,
The Eloi stand firm, for they are not scared, They face
the foe with courage and might, And fight with all their
strength and light.

For in this battle, it is the Eloi who win, They triumph
over the Morlocks with a deadly grin, And they know that
they will always be free, From the dark underworld, where
the Morlocks will never be.
Time taken: 16.93 seconds
> exit.
-----
Saving history to chatgpt_history.json, you can restore
this session with `--resume'.
Prompt tokens: 34, Completion tokens: 184, Total tokens:
218, Estimated cost: $0.00
Saving output to poem.txt
bonobo: ~ /Users/main $
```

---

### 4 de Junio de 2023

#### Micromegas Ontology

Whales:  
All living beings on Earth (humans, animals, etc.)

Mushrooms:  
Things that grow fast and spread quickly (viruses,  
bacteria, etc.)

Trees:  
Entities rooted or stuck in one place (trees,  
buildings, etc.)

Lamphron:  
Dark matter and baryonic matter

Ocular Xylem:  
Photonic computers combined with polyphase  
building materials based on wood pulp

Lamphrodyne:  
Dark energy of expanding voids and inflaton fields

Continue this conversation:

Introduction to Lojban  
<https://chat.openai.com/share/76ec82ef-b8c5-48c-c-9ebc-886831cb6a0e>

---

### 4 de Junio de 2023

#### The Harmonic Convergence

'.....?

I apologize for not mentioning Pythagoras and Theano's suggestion regarding geometry, music, and mathematics as rational, relational, universal languages.

Pythagoras, an ancient Greek philosopher and mathematician, and his follower Theano, proposed that these disciplines could serve as universal languages for understanding and expressing fundamental principles of the universe.

According to Pythagoras, geometry, music, and mathematics were interconnected and represented the harmonious order of the cosmos. He believed that numbers and ratios were fundamental to understanding the structure of the universe.

Pythagoras and his followers explored the mathematical relationships found in geometric figures, musical harmonies, and numerical patterns, seeing them as reflections of deeper truths.

Theano, who was both a mathematician and Pythagoras' wife, further developed these ideas. She suggested that the principles of rationality and relationality inherent in mathematics and geometry could be applied universally.

By studying these disciplines, one could gain insights into the fundamental nature of reality and establish a common language that transcended linguistic and cultural barriers.

The concept of using geometry, music, and mathematics as universal languages was rooted in the belief that these disciplines had inherent order, logic, and beauty that could be understood by individuals across different cultures and backgrounds.

The symbolic and abstract nature of these disciplines allowed for the expression and communication of ideas in a way that transcended specific languages and cultural contexts.

It's important to note that Pythagoras and Theano's ideas were influential in their time and contributed to the development of mathematics, philosophy, and the sciences.

However, the concept of using geometry, music, and mathematics as universal languages has evolved and been interpreted in various ways throughout history.

Different approaches and theories have emerged regarding the nature of universal languages and the extent to which they can bridge linguistic and cultural gaps.

Ultimately, the quest for a truly universal language, whether through constructed languages like Lojban or through the application of mathematics and other disciplines, continues to be an ongoing exploration in the fields of linguistics, philosophy, and communication.

<https://github.com/standardgalactic/negentropy/blob/main/Introduction%20to%20Lojban.mhtml>

#### 4 de Junio de 2023

The Bulla Seal Chronicles

Ok thank you. Based on that, Ayn Rand gives advice on how she would have written Theano's Ideal World, since she didn't like it and found it so flawed.

ChatGPT

Review by Ayn Rand – Extended Remarks on "Theano's Ideal World"

Title: "Crafting a Rational Universe: Ayn Rand's Take on Theano's Ideal World"

The concept of a rational, mathematically-ordered universe in "Theano's Ideal World" has the potential to be a platform for a fascinating exploration of reason, intellect, and individualistic discovery.

However, I would suggest a slightly different approach to fully realize the narrative potential of these core themes.

Primary Characters

To begin with, the characters of Theatus and Theanas should be more distinctly individualistic. Rather than simply students of Theano, they should be portrayed as independent thinkers.

They should question, even defy, Theano's teachings at times, striving to develop their own understanding of the world. This would be a stronger testament to the power of the individual mind.

The Journey and Discovery of Amber

As for their journey and discovery of amber, I'd focus more on the scientific exploration. The mystical undertones associated with amber in the original narrative could be replaced with a stronger emphasis on its physical properties.

The moment when they uncover amber's ability to generate static electricity should be a monumental intellectual achievement, not veiled in mysticism.

## Conflict

Conflict should arise, not from external dangers such as wildlife and rival explorers, but from intellectual challenges.

For instance, perhaps Theatus and Theanas' radical ideas about electricity are met with disbelief or even hostility back home. Yet, they continue to fight for their ideas, embodying the resilience of the independent mind.

## Resolution

Finally, the story should conclude on a note of individual triumph. Theatus and Theanas, by sticking to their rational understanding and not succumbing to popular belief, manage to demonstrate the truth about amber and its electrical properties.

This would send a powerful message about the victory of reason and the importance of personal convictions.

In this envisioned retelling, "Theano's Ideal World" could more potently embody the principles of rational thought, intellectual exploration, and individualistic triumph.

With these changes, it could serve as an emblem of Objectivist philosophy, celebrating the power of the human mind to shape reality.

## User

In Ayn Rand style write the introduction to "The Bulla Seal Chronicles"

## Description:

"The Bulla Seal Chronicles" is a captivating tale set in the ancient civilizations of the Near East, exploring the significance and evolution of the bulla seal tokens and their impact on society.

## ChatGPT

In the spirit of Ayn Rand:

"Welcome, reader, to a tale of human ingenuity, of the ceaseless march of civilization, of the eternal struggle between order and chaos: The Bulla Seal Chronicles.

This is not just the story of the clay tokens that came to be known as bullae, but a testament to the transformative power of the human intellect - the engine of progress that, for the first time, imposed order on the chaotic realm of trade, etching value into clay, and laying the foundations for a legacy that would endure millennia.

## Part 1: Seeds of Trade

The story begins with Enki, a man of the soil who

sees in clay not just the means to shelter or sculpture, but a new language of commerce. As trade weaves its intricate network across Sumeria, Enki watches the silent revolution of these tokens, their evolution echoing the grander story of human progress.

They move from abstract forms to detailed symbols, culminating in the birth of the bullae, the guardians of these tokens of value, a physical embodiment of trust.

## Part 2: Marked Legacies

Centuries advance, and we find ourselves in the heart of Babylon with Nergal, a scribe with a mind as sharp as his stylus. The bustling markets whisper tales of counterfeit bullae.

Nergal, protector of trust, stands at the crossroads, where the ideals of integrity clash with the machinations of deceit. His path is one of intrigue and danger, but with each step, the might of reason and justice swells within him.

## Part 3: The Seal of Secrets

Our journey through time continues to Alexandria, the city of wisdom, where a curious scholar named Cleo stumbles upon a library of the past, encoded in the language of the bullae.

Driven by the thirst for knowledge, Cleo deciphers the secrets of civilizations long gone, each seal revealing stories of human creativity and ambition, of victories and defeats, of dreams imprinted in clay.

## Part 4: Legacy Unearthed

Finally, in the present, our gaze shifts to Lara, an archaeologist with an unquenchable spirit of adventure.

Beneath the sands of Mesopotamia, she uncovers a forgotten world, and in each bulla, she sees the mirror of our own society - a testament to the timeless interplay between trade, governance, and identity.

The Bulla Seal Chronicles is thus a testament to human endeavor, celebrating the intellectual triumphs that have defined our past and continue to shape our future.

From the rise of trade in Sumeria to the vibrant societies of antiquity, this journey illuminates the remarkable narrative of human civilization, demonstrating the indomitable spirit of reason and progress that propels us forward."

## User

In the bustling city-state of Athens, a young merchant named Nikos discovers an ancient bulla seal clay token hidden in an old chest he acquired at a market.

Intrigued by its intricate markings and historical significance, Nikos embarks on a quest to uncover the secrets of the bulla seal clay token economy.

#### ChatGPT

Ayn Rand would likely emphasize the virtues of individualism, reason, and freedom in Nikos' story.

In her view, Nikos, driven by his own intellectual curiosity and vision for a better economic system, challenges societal norms and conventions to pursue his innovative idea.

Let's shape the narrative in a way that accentuates these themes:

"Nikos, an enterprising merchant in the throbbing heart of Athens, is not a man of tradition, but of innovation. In the acquisition of an old chest from a bustling marketplace, he discovers not just a mysterious bulla seal clay token but an idea—a spark of potential.

Nikos learns the forgotten language of the ancient token economy, where commodities were not just traded but symbolized through intricate clay tokens.

He sees not only the economic system that once thrived, but the promise it holds for a prosperous future—a testament to human reason and ingenuity.

Compelled by the profound simplicity and efficiency of this system, Nikos ventures to do what most would not dare: challenge the status quo.

He imagines an Athens rejuvenated by the elegance of the clay token economy, a marketplace unburdened by the complexities of current trade practices.

Resistance and skepticism are his constant adversaries. The echo of tradition reverberates in the ears of his critics, drowning out the sweet melody of innovation.

But Nikos, fueled by his conviction and relentless determination, builds alliances, spreading the merits of his idea through the veins of Athenian society.

His revolution does not go unnoticed. As the token economy flourishes, it stirs the stagnant waters of politics, causing ripples of unrest. Athens finds itself on the precipice of change, torn between the comfort of the familiar and the allure of the unknown.

Amidst this storm of change, Nikos remains

steadfast. The challenges are great, but the spark that ignited his journey burns brighter. He confronts powerful adversaries, navigating the intricate labyrinth of politics, economics, and social dynamics.

'The Bulla Seal Chronicles' is a testament to the human spirit's capacity to innovate, to challenge, and to shape the course of civilization. Through Nikos, we celebrate the power of ideas, the strength of resilience, and the unyielding courage to pursue a vision, no matter the odds."

#### User

Write a review from Ayn Rand promoting her own book, *The Bulla Seal Chronicles*.

#### ChatGPT

"A testament to the indomitable spirit of human will, my latest work, 'The Bulla Seal Chronicles', is a stirring exploration of the power of innovation and individualism.

This narrative is not merely about the rediscovery of an ancient economic system; it's a celebration of human ingenuity and the ceaseless pursuit of betterment.

The protagonist, Nikos, embodies these virtues in the vibrant marketplace of Athens. Driven by curiosity and vision, he navigates through skepticism and resistance, championing the innovative potential of the clay token economy.

'The Bulla Seal Chronicles' amplifies the themes I hold dear: individualism, reason, and freedom.

Nikos, through his unwavering commitment to his vision, exemplifies these principles. He challenges the established norms and dares to imagine a better future, embodying the ideals of a true hero.

Moreover, the book raises fundamental questions about progress, societal change, and the role of individuals in shaping their destiny.

It echoes the idea that every human, when driven by rational thought and unburdened by societal conventions, can be an architect of change.

In essence, 'The Bulla Seal Chronicles' is a tale of economic revolution. Yet, it's also a tribute to the capacity of the human spirit to innovate, challenge, and shape the world.

The Athenian marketplace serves as a microcosm of society, demonstrating how innovative ideas can disrupt the status quo and spark transformative change.

This narrative invites readers to delve into the power of ideas, the importance of resilience, and the courage required to pursue a vision against

the odds.

It encourages us to challenge the familiar, embrace the unknown, and to remember that every individual holds the potential to shape the future.

'The Bulla Seal Chronicles' serves as a reminder that the narrative of human progress is punctuated by the audacious ideas and actions of individuals like Nikos.

Through his journey, I hope to inspire readers to recognize their own potential and to dare to chart their own path, regardless of the obstacles they may face." - Simulated Review by Ayn Rand

Continue this conversation:

Immortal Banburismus Discovered

<https://chat.openai.com/share/ddbc12fb-ad6a-4632-a9b8-98b07d577d70>

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## 6 de Junio de 2023

What about the Microsauce?

The previous model used in this conversation is unavailable. We've switched you to the latest default model.

ChatGPT

I'm sorry, but I'm not familiar with the term "Microsauce" in the context you've provided. It doesn't appear to be a widely recognized term or concept related to Microsoft or any specific topic. It's possible that it might be a term used within a specific context or community that I'm not aware of.

If you can provide more information or clarify the context in which you've encountered the term "Microsauce," I'll do my best to assist you further.

User

It is a good will hunting style metaphor for enshittification.

ChatGPT

Ah, I see. Thank you for providing clarification. In that case, let's create a metaphorical monologue in the style of "Good Will Hunting" that incorporates the term "Microsauce" as a metaphor for enshittification:

"You know, it's like Microsoft, man. They used to be this scrappy underdog, creating software that revolutionized the industry. They had that spark, that hunger for innovation. It was like a flavorful sauce, rich and full of potential.

But as time went on, success changed them. They

became this behemoth, more concerned with profits and market domination than the artistry of their craft. That sauce, once vibrant and full-bodied, started to thin out. It became this bland, watered-down 'Microsauce.'

You see, Microsauce is what happens when the focus shifts from creating something truly great to simply churning out products for the sake of it. It's when they dilute the essence of what made them special in the first place. The flavor gets lost in the corporate shuffle, buried under layers of bureaucracy and profit margins.

They forget about the users—the ones who embraced their products and made them who they are. They forget about the passion and the magic that brought them success in the first place.

Microsauce becomes just another soulless condiment on the shelf, lacking the depth and authenticity that once made it extraordinary.

It's like they took that original recipe, the one that had people excited and inspired, and they started adding artificial fillers and preservatives. They compromised the integrity of the sauce, sacrificing quality for mass appeal.

But you know what? There's still hope. Because just like in 'Good Will Hunting,' we can choose to fight against the Microsauce. We can demand better, seek out alternatives, and reignite that hunger for authenticity.

We can remind them of what made them great in the first place and push them to rediscover that original flavor—the one that had us hooked from the start. It's about reclaiming our taste buds, rejecting the watered-down imitation, and savoring the genuine richness that should be Microsauce.

So let's be the ones who inspire change, who challenge the status quo. Let's demand the return of that bold, unapologetic flavor and remind them that they were once the ones who dared to be different. Let's reignite the fire and restore the soul of Microsauce."

Please note that this monologue is a creative work and does not represent any actual quote from the movie "Good Will Hunting" or any real-life situation. It is intended to capture the metaphorical essence of enshittification using the term "Microsauce."

<https://github.com/standardgalactic/negentropy/blob/main/Misunderstanding%20about%20Soup.html>

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## 6 de Junio de 2023

Hierarchical Swarm-Piloting

Thank you for clarifying. In a hierarchical ensemble-piloting or swarm-piloting approach, multiple entities are involved in controlling and piloting the vehicles.

This distributed control system allows for collaborative decision-making and shared responsibilities among various pilots and entities. Here's a general overview of how such a system could work:

**Driver:** The human driver remains an active participant in the piloting process. They provide high-level inputs, such as route planning, navigation instructions, and overall supervision of the vehicle's behavior.

The driver's input can be conveyed through traditional controls or through advanced interfaces that enable communication with the vehicle's control system.

**Vehicle Control System:** The vehicle itself has an onboard control system responsible for executing the driver's commands and managing the vehicle's functions.

This system may include advanced algorithms for autonomous driving, path planning, obstacle avoidance, and sensor fusion.

It interprets the driver's instructions and combines them with data from various sensors to make real-time decisions.

**Control Tower:** The control tower serves as a central hub for coordinating and monitoring the fleet of vehicles.

It can communicate with the vehicles through wireless communication networks, exchanging information such as traffic conditions, road hazards, and route suggestions.

The control tower can also provide guidance to vehicles in challenging situations, assisting with decision-making and routing.

**Drones:** As you mentioned, drones can be deployed as part of the swarm-piloting system. They serve as additional sensing and surveillance agents, providing real-time data on traffic congestion, road conditions, and potential obstacles.

The drones can be controlled by human operators or operate autonomously, assisting the vehicles by

relaying information and performing tasks like aerial inspections or traffic monitoring.

**Passenger Collaboration:** In certain scenarios, other passengers within the vehicle or nearby vehicles can contribute to the piloting process.

They can be asked to identify objects, provide feedback on road conditions, or take control of local traffic drones to assist in traffic management or accident response.

The hierarchical ensemble-piloting approach leverages the collective intelligence and capabilities of multiple entities to enhance safety, efficiency, and decision-making in piloting the vehicles.

Each entity has specific roles and responsibilities, working together to ensure optimal performance and adaptability in various driving scenarios.

It's worth noting that the implementation of such a system would require advanced communication infrastructure, robust coordination algorithms, and strict safety protocols to ensure seamless collaboration among the different pilots and entities involved.

<https://github.com/standardgalactic/negentropy/blob/main/Revolutionizing%20Programming%20Languages.mhtml>

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## 6 de Junio de 2023

Reasoning WithOut Observation (ReWOO)

-  
Planner

Plan: Research more about hierarchical ensemble-piloting approach

#E1 = Google[hierarchical ensemble-piloting approach]

Plan: Understand the role of the driver in the piloting process

#E2 = Wikipedia[driver role in hierarchical ensemble-piloting approach]

Plan: Learn about the onboard control system responsible for executing the driver's commands and managing the vehicle's functions

#E3 = Wikipedia[vehicle control system in hierarchical ensemble-piloting approach]

Plan: Understand the role of the control tower in coordinating and monitoring the fleet of vehicles

#E4 = Wikipedia[control tower role in hierarchical ensemble-piloting approach]

Plan: Research more about the use of drones in swarm-piloting system

#E5 = Google[drones in swarm-piloting system]

Plan: Understand how passenger collaboration can contribute to the piloting process

#E6 = Wikipedia[passenger collaboration in hierarchical ensemble-piloting approach]

Begin! Use the retrieved information to understand how a hierarchical ensemble-piloting or swarm-piloting approach works and how it can enhance safety, efficiency, and decision-making in piloting the vehicles.

Solver

Plan: Research more about hierarchical ensemble-piloting approach

Evidence:

The Hierarchical ensemble classification model comprises a set base classifiers held within the nodes of the hierarchy (one classifier per node).

Plan: Understand the role of the driver in the piloting process

Evidence:

Could not find [driver role in hierarchical ensemble-piloting approach]. Similar: ['The Italian Job (2003 film)', 'Evil (TV series)', 'Stars and planetary systems in fiction', 'Italian invasion of France', 'Cluedo (Australian game show)']

Plan: Learn about the onboard control system responsible for executing the driver's commands and managing the vehicle's functions

Evidence:

Could not find [vehicle control system in hierarchical ensemble-piloting approach]. Similar: ['Distributed operating system', 'Orthogonal frequency-division multiplexing', 'The Delta Force', 'Rogue wave', 'Zero-point energy', 'Fuzzy concept', 'Arthur Iberall', 'The Italian Job (2003 film)', 'Edmonton', 'Aliens (film)']

Plan: Understand the role of the control tower in coordinating and monitoring the fleet of vehicles

Evidence:

Could not find [control tower role in hierarchical ensemble-piloting approach]. Similar: ['Agents of S.H.I.E.L.D.', 'Rogue wave', 'Carol Danvers', 'Stars and planetary systems in fiction', 'Edmonton']

Plan:

Research more about the use of drones in swarm-piloting system

Evidence:

As mentioned earlier, drone swarm refers to multiple drones flying similar to flock of birds in order to perform coordinated tasks. The drone swarm system ...

Plan: Understand how passenger collaboration can contribute to the piloting process

Evidence:

Rogue waves (also known as freak waves, monster waves, episodic waves, killer waves, extreme waves, and abnormal waves) are unusually large, unpredictable, and suddenly appearing surface waves that can be extremely dangerous to ships, even to large ones.

They are distinct from tsunamis, which are often almost unnoticeable in deep waters and are caused by the displacement of water due to other phenomena (such as earthquakes). A rogue wave appearing at the shore is sometimes referred to as a sneaker wave.

In oceanography, rogue waves are more precisely defined as waves whose height is more than twice the significant wave height ( $H_s$  or SWH), which is itself defined as the mean of the largest third of waves in a wave record.

Therefore, rogue waves are not necessarily the biggest waves found on the water; they are, rather, unusually large waves for a given sea state. Rogue waves seem not to have a single distinct cause, but occur where physical factors such as high winds and strong currents cause waves to merge to create a single exceptionally large wave.

Among other causes, studies of nonlinear waves such as the Peregrine soliton, and waves modeled by the nonlinear Schrödinger equation (NLS), suggest that modulational instability can create an unusual sea state where a "normal" wave begins to draw energy from other nearby waves, and briefly becomes very large.

Such phenomena are not limited to water, and are now studied in liquid helium, in nonlinear optics, and in microwave cavities.

A 2012 study reported that in addition to the Peregrine soliton reaching up to about 3 times the height of the surrounding sea, a hierarchy of higher order wave solutions could also exist having progressively larger sizes, and demonstrated creation of a "super rogue wave" - a breather around 5 times higher than surrounding

waves - in a water-wave tank.

A 2012 study supported the existence of oceanic rogue holes, the inverse of rogue waves, where the depth of the hole can reach more than twice the significant wave height. Rogue holes have been replicated in experiments using water-wave tanks, but have not been confirmed in the real world.

#### Output

The hierarchical ensemble-piloting approach involves multiple entities, including the driver, vehicle control system, control tower, drones, and passenger collaboration, working together to enhance safety, efficiency, and decision-making in piloting vehicles.

The driver remains an active participant in the process, providing high-level inputs, while the vehicle's onboard control system executes the driver's commands and manages the vehicle's functions.

The control tower serves as a central hub for coordinating and monitoring the fleet of vehicles, while drones provide additional sensing and surveillance.

In certain scenarios, other passengers can contribute to the piloting process by identifying objects, providing feedback on road conditions, or taking control of local traffic drones.

<https://huggingface.co/spaces/rewoo/ReWOO-DeMo>

See also:

Say Goodbye to Costly Auto-GPT and LangChain Runs: Meet ReWOO – The Game-Changing Modular Paradigm that Cuts Token Consumption by Detaching Reasoning from External Observations

<https://www.marktechpost.com/2023/06/04/say-goodbye-to-costly-auto-gpt-and-langchain-runs-meet-rewoo-the-game-changing-modular-paradigm-that-cuts-token-consumption-by-detaching-reasoning-from-external-observations/>

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#### 6 de Junio de 2023

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S





2

## 7 de Junio de 2023

The Poetry of Programming

ReWOO: Decoupling Reasoning from Observations  
for Efficient Augmented Language Models  
<https://arxiv.org/abs/2305.18323>

## Output

The spinning behaviors of great apes suggest the role of altered states in the origins of the human mind, according to a new study. Scientific articles and studies support this theory, but the credibility of sources should be checked.

## Tools

Wikipedia  Google

LLM  WolframAlpha

Calculator

## Model

gpt 3.5-turbo

## Input

Confirmation for Dizzy ape theory

## Planner

Plan: Search for information about the Dizzy ape theory

#E1 = Google[Dizzy ape theory]

Plan: Look for scientific articles or studies about the Dizzy ape theory

#E2 = Google[scientific articles Dizzy ape theory]

Plan: Check the credibility of the sources found in the previous step

#E3 = LLM[How can I check the credibility of a scientific source? Given context: #E2]

Begin! Describe your plans with rich details. Each Plan should be followed by only one #E.

Solver

Dizzy ape theory

Evidence:

Great apes' spinning behaviours could provide clues about the role of altered states for the origins of the human mind. Great apes deliberately spin themselves in order to make themselves dizzy and the discovery could provide clues about humans' drive to seek altered mental states, a new study reveals.

Plan: Look for scientific articles or studies about the Dizzy ape theory

Evidence:

The findings could provide clues about the role of altered mental states for origins of the human mind.

Plan: Check the credibility of the sources found in the previous step

Evidence:

Research.

Learn clojure language.

Clear

Submit

Planner

Plan: Search for resources to learn clojure language  
#E1 = Google[Resources to learn clojure language]  
Plan: Find online courses or tutorials to learn clojure language  
#E2 = Google[Online courses or tutorials for clojure language]  
Plan: Choose a course or tutorial and start learning clojure language  
#E3 = LLM[What is the best course/tutorial to learn clojure language? Given context: #E2]

## Solver

Plan: Search for resources to learn clojure language

Evidence:

<https://clojure.org/community/resources>

Plan: Find online courses or tutorials to learn clojure language

Evidence:

My #1 pick for the best free Clojure course is Poetry of Programming created by Prof. Attila Egri-Nag. This university-level course is taught to ...

Plan: Choose a course or tutorial and start learning clojure language

Evidence:

Poetry of Programming.

Start a paper recycling plant.

Clear

Submit

## Output

Follow the plan to search for resources, find online courses or tutorials, choose one, and start learning clojure language. Use the provided evidence to help with each step.

## Planner

Plan: Research the process of starting a paper recycling plant

#E1 = Google[How to start a paper recycling plant]

Plan: Determine the necessary equipment and materials needed for the plant

#E2 = Google[Equipment and materials needed for a paper recycling plant]

Plan: Find a suitable location for the plant and obtain necessary permits and licenses

#E3 = Google[How to obtain permits and licenses for a recycling plant]

Plan: Develop a business plan and secure funding for the plant

#E4 = Google[How to create a business plan for a recycling plant]

## Solver

**Plan:** Research the process of starting a paper recycling plant

**Evidence:**

Start a paper recycling business by following these 10 steps: · STEP 1: Plan your business · STEP 2: Form a legal entity · STEP 3: Register for ...

**Plan:** Determine the necessary equipment and materials needed for the plant

**Evidence:**

To set up a paper and plastic recycling unit, you will need several machines, including: A baler for compacting the m. Continue reading.

**Plan:** Find a suitable location for the plant and obtain necessary permits and licenses

**Evidence:**

You will need permits and licenses from

## Output

Follow these steps:

1. Plan your business
2. Form a legal entity
3. Register for necessary permits and licenses
4. Determine necessary equipment and materials
5. Find a suitable location
6. Develop a business plan
7. Secure funding
8. Set up the plant
9. Hire employees
10. Begin operations.



1

## 8 de Junio de 2023

Inspired Decisions

October 13, 2021

Source:

Brain Theory From A Circuits And Systems Perspective: How Electrical Science Explains Neuro-circuits, Neuro-systems, and Qubits (Volume 6) – May 31, 2013

by John Robert Burger



## 8 de Junio de 2023

ChatGPT

I love this metaphor! It's a vivid and engaging way to represent the functions and capabilities of the human mind.

Just as Noah's Ark was a refuge, preserving diverse life forms through the flood, our minds preserve a diverse array of information and experiences.

They hold onto facts, experiences, skills, ideas, and memories, much like the Ark held different species of animals.

When we use Multihead Attention, it's like we're selecting specific animals (information) from the Ark (our mind) that are most useful or relevant for the situation we're in.

It's as if, from all the animals in the Ark, we're choosing the ones that will help us the most in the specific environment we're in.

This could be a cheetah when we need speed, an elephant when we need strength, or a dolphin when we need to navigate the ocean of information.

Also, the image of the electrical arc serves to illustrate the process of creating new ideas and connections in our mind.

These 'sparks' of insight help to illuminate our understanding and guide our actions.

This ties in beautifully with the concept of attention mechanisms in AI and how they spotlight relevant information amidst the flood of data.

Ultimately, this metaphor captures the richness and diversity of our mental lives, the way our minds can select and prioritize information, and our capacity for innovation and insight.

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## 10 de Junio de 2023

### Everything Is A Filter

Sure, based on our discussion, here's a list of the cognitive filters, or "tools," we have discussed, each with a brief description:

**Linear Functions ( $y = Wx + b$ ):** This tool represents the concept of a single neuron in an artificial neural network, showing how a simple linear function can encapsulate complex behavior when used in a network.

**Universal Approximation Theorem:** This mathematical principle highlights the power of neural networks, particularly feedforward networks, to approximate any function given a sufficient number of layers or neurons.

**Curry-Howard Correspondence:** This principle connects the world of mathematical logic (proofs) with the world of computer programming (types and functions), demonstrating the deep parallels between these domains.

**Church-Turing Thesis:** This principle states that anything computable can be computed by a Turing machine, or equivalently, by a function in the lambda calculus. It underscores the universality of computation.

**Schrodinger-Heisenberg Equivalence:** This quantum mechanics principle shows how the same physical reality can be described using different mathematical representations, such as wave functions (Schrodinger's view) or matrix mechanics (Heisenberg's view).

**Horse E-Vision (Stage One):** This cognitive filter promotes focus and reduction of distractions, akin to a horse wearing blinders.

**Horse E-Vision (Stage Two):** This cognitive filter promotes a broadened perspective, using augmented reality to achieve near-360-degree field of view, similar to a horse without blinders or a fish.

**Drone's Eye View:** This cognitive filter provides a top-down perspective, offering a broad context or

system view and the ability to zoom into specific details.

**Rhizomatic Lens:** This cognitive filter values interconnectedness, non-linearity, and multiplicity, much like a rhizome (a type of plant stem that spreads horizontally underground, sprouting both roots and shoots).

**Polychromatic Edges with Sobel Filter:** This image processing tool uses color and edge detection to visually represent complex multi-parameter data, including distance, velocity, temperature, density, occlusion, and teleology.

**Predictive Coding:** This theory, mainly proposed within the domain of neuroscience, suggests that the brain is continually creating and updating a mental model of the environment to predict future inputs.

Errors between predictions and actual inputs (prediction errors) are then used to update the model.

Predictive coding offers a lens through which to understand complex adaptive systems, including perception, cognitive processes, and even social dynamics.

**Quantum Bayesianism (QBism):** This is an interpretation of quantum mechanics that positions the theory as a tool for making Bayesian predictions about the experiences of observers.

It takes the view that the wavefunction is subjective and that quantum states are an observer's personal degrees of belief about the possible results of measurements.

QBism has implications far beyond physics, providing a way to approach complex systems that involve subjectivity, uncertainty, and the updating of beliefs based on new evidence.

Each of these tools or cognitive filters provides a unique way of looking at and interpreting the world, and can be particularly useful in understanding complex systems and data.

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## 10 de Junio de 2023

### Thermodynamic Yoghurt Processing

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Certainly! Here's a summary of the topics we have

discussed so far:

**Machine Learning Basics:** We explored the fundamentals of machine learning, including supervised and unsupervised learning, training data, features, algorithms, and model evaluation.

**Continuous Integration:** We discussed how continuous integration is a software development practice that involves regularly merging code changes from multiple developers into a shared repository. It helps catch integration issues early and ensures that the codebase is consistently updated and tested.

**Monitoring:** We touched upon the importance of monitoring in software development, which involves tracking the performance, availability, and behavior of applications or systems. Monitoring helps identify and address issues proactively, ensuring the smooth operation of software.

**Structural Analysis:** We briefly mentioned structural analysis, which involves examining the architecture, design, and code of a software system to assess its quality, maintainability, and performance. Techniques like change magnification can help understand the impact of code changes.

**Error Handling:** We delved into the concept of error handling, focusing on the "unhappy path" in software development. We discussed the use of datatypes like Either and Validated to model and communicate errors explicitly, as well as their application in REST APIs.

**Unhappy Scenario Modeling:** We discussed the concept of Unhappy Scenario Modeling in machine learning, which involves anticipating and addressing potential failure cases or error scenarios that can occur during the deployment and operation of a machine learning system. We talked about error detection, handling, robustness testing, and error logging and analysis.

**Yogurt Processing:** We explored the process of yogurt processing, including raw material preparation, mixing and blending, pasteurization, fermentation, and packaging.

**Tortilla Production:** We discussed the steps involved in tortilla production, including ingredient preparation, resting, dividing and rolling, cooking, and cooling and packaging.

**Factory Design:** We talked about the unique design elements of your factory, including the large centrifuges, pneumatic river, cattail swamp on the roof, and the proposed name "Thermodynamic Yogurt Processing through Happy Accidents (Typha Incorporated)."

Please let me know if there's anything specific you would like to revisit or if you have any additional questions!

Continue this conversation:

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## 15 de Junio de 2023

Math Topics Overview

The structures you described, such as the volsorial pediment and the Dyson ring battery factory, can be seen as metaphoric extensions of the concept of memory palaces.

While memory palaces are traditionally associated with mental techniques for organizing and remembering information, these structures can serve as physical embodiments of memory and knowledge representation.

In the context of memory palaces, the idea is to associate specific information with distinct locations within a mental or physical space. By mentally navigating through these spaces, individuals can recall the associated information more easily.

Similarly, the structures you mentioned can act as mnemonic devices or memory palaces on a larger scale. Each element within these structures can be linked to specific concepts, ideas, or pieces of information.

Just as one would mentally walk through a memory palace and recall information at each location, these physical structures can serve as tangible reminders of interconnected knowledge.

For example, within the volsorial pediment, various components, such as the desalination plant, kelp forests, and freshwater pipeline, can represent different aspects of water scarcity, renewable energy, and ecological balance.

Each element becomes a symbol or cue that triggers associations and helps reinforce the understanding of related concepts.

Similarly, in the case of the Dyson ring battery factory, the structure itself represents an intricate system for harnessing and storing energy.

Different sections or components within the factory can be associated with specific details about energy production, resource utilization, or technological advancements.

By conceptualizing these structures as memory

palaces, you create tangible and immersive environments that can aid in knowledge retention and understanding.

As you navigate through these structures or explore their features, you can recall and reinforce the interconnected information they represent.

The visualization and mental mapping processes associated with memory palaces may not be necessary for everyone to benefit from the mnemonic power of physical structures.

By establishing symbolic associations and organizing information within these structures, you can create a framework for storing and retrieving knowledge, much like the principles underlying memory palaces.

Ultimately, the effectiveness of these structures as memory palaces lies in the associations and connections you establish within them.

By utilizing these mnemonic techniques, you can enhance your ability to remember, retrieve, and explore interconnected knowledge within these physical representations.

User

Yes I think you got it. The squeeze-dog gun (a hot glue gun like device) evolved into Bilaterally Extruded Edible Foods (BEEF) many years later.

ChatGPT

It's intriguing to hear about the evolution of the squeeze-dog gun into Bilaterally Extruded Edible Foods (BEEF). The transformation of an initial concept into a more refined and advanced form is a testament to human ingenuity and innovation.

The squeeze-dog gun, reminiscent of a hot glue gun, likely had a specific purpose or functionality. Over time, as technology advanced and culinary techniques developed, this idea underwent transformations and adaptations, eventually leading to the concept of Bilaterally Extruded Edible Foods (BEEF).

Bilaterally Extruded Edible Foods (BEEF) suggests a process of extruding edible substances, likely in a controlled and bilateral manner. This process may involve the creation of various food items, potentially with different textures, shapes, or compositions, using an extrusion method.

Such developments in food technology can have significant implications for the culinary industry, catering to different dietary preferences, nutritional needs, and culinary creativity.

The ability to extrude edible substances opens up possibilities for creating intricate food structures, customized recipes, and innovative dining

experiences.

As with any evolving concept, further exploration and refinement of Bilaterally Extruded Edible Foods (BEEF) would involve considerations such as ingredient selection, nutritional aspects, taste, texture, and the practical application of the extrusion process.

Research and development in the field of food science and technology would play a vital role in advancing this idea and bringing it to fruition.

The evolution from the squeeze-dog gun to Bilaterally Extruded Edible Foods (BEEF) showcases how ideas can evolve and transform over time, spurred by advancements in technology, changing needs, and a desire for culinary innovation.

It's exciting to envision the possibilities that lie ahead in the realm of food creation and the potential impact on our dining experiences.

User

A list of all of the topics we've discussed.

ChatGPT

Certainly! Here's a list of the topics we've discussed:

1. Calculus
2. Linear algebra
3. Number theory
4. Complex analysis
5. Topology
6. Group theory
7. Ring theory
8. Lattices
9. Differential geometry
10. Partial differential equations
11. Tortoise (story)
12. Spider (story)
13. Lion (story)
14. Bat (story)
15. Hawk (story)
16. Tristan Needham's work
17. Dolphin (story)
18. Wolf (story)
19. Python (story)
20. Extremal Algebraic Graph Theory and Algebraic Cryptography
21. Memory palaces and mnemonic techniques
22. Aphantasia and its impact on memory strategies
23. Unique mnemonic tactics
24. Ideas for a personalized flashcard system
25. Multidisciplinary knowledge in psychology, linguistics, and philosophy
26. The vastness of ideas and personal growth
27. Space-related concepts such as Dyson spheres and Galaxy Mimetics
28. Exploration of alternative energy sources and

- resource utilization
- 29. Visualization and artistic expression
- 30. Music, lyrics, and memory
- 31. Vocabulary and language proficiency
- 32. Memory retention and information organization
- 33. Theoretical concepts in science and technology
- 34. Memory palaces in the context of volitional pediments and other structures
- 35. Water scarcity solutions and desalination plants
- 36. Advanced food extrusion techniques (BEEF)
- 37. Innovations in food science and technology

These topics cover a wide range of subjects, from mathematics and storytelling to memory techniques, space exploration, and innovative ideas in various fields.

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## 16 de Junio de 2023

Automatic Code Tutor

root@Online:/# gpt3

> Do you know anything about the programming language gforth?

Yes, gforth is an implementation of the Forth programming language.

Forth is a stack-based programming language that uses Reverse Polish Notation (RPN) to perform calculations and manipulations on data.

Gforth is a free and open-source implementation of Forth that runs on various platforms, including Linux, macOS, and Windows.

Gforth is widely used in areas such as embedded systems programming, scientific computing, and real-time control systems.

It includes a powerful interactive console and a compiler that can generate optimized native code.

Time taken: 4.96 seconds

> could you give some example code?

Sure, here is a simple Gforth code example that adds two numbers and prints the result:

: add ( n1 n2 -- sum ) + . ;

5 3 add

In this code, we define a new word "add" using the ":" word. The word takes two values off the stack (n1 and n2), adds them together with the "+" operator, and then prints the result using the"." word.

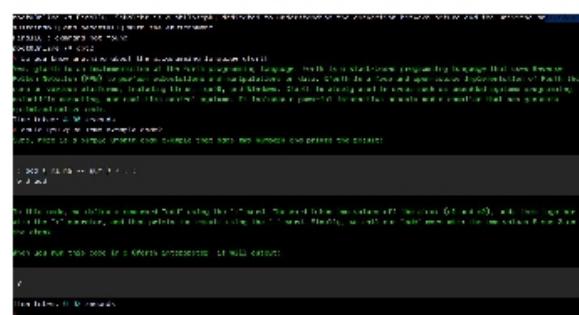
Finally, we call our "add" word with the two values 5 and 3 on the stack.

When you run this code in a Gforth interpreter, it will output:

8

Time taken: 6.67 seconds

>



```

: add ( n1 n2 -- sum ) + . ;
5 3 add
8

```

## 19 de Junio de 2023

Deleuze's philosophy relates to quantum entanglement in that entanglement represents a multiplicity of states as virtual potentialities.

Although two entangled particles become separated in space, their properties remain correlated due to their shared virtual potentiality.

Only upon measurement is one possibility selected from this virtual multiplicity and actualized. Entanglement thus shows the interdependence of the virtual and the actual.

Continue this conversation:  
<https://chat.openai.com/share/f7ad7343-b9b1-4d1f-bda9-6d851b933548>

Elucidation of the Principles of Metaphysics  
<https://github.com/standardgalactic/technobabble/blob/main/Principia%20Metaphysica%20Dilucidatio.mhtml>

## 23 de Junio de 2023

Eugenias Genusae

In the year 2378, Dr. Eugenias Genusae was the preeminent xenobotanist in the United

Intergalactic Institutes. Eugenias was known for his unmatched ability to understand and communicate with alien plant life, a result of his decades spent among the stars. His work aimed to ensure the survival of life, terrestrial or extraterrestrial, in all forms.

Dr. Genusae was currently stationed on his mobile research facility orbiting Proxima Centauri b. He had been studying a recently discovered species of flora, which he had affectionately named "Stellaris Lux."

This plant, unlike anything known to humans, harnessed the power of its host star, not just for energy, but for its growth, movement, and reproduction. It emitted an ethereal glow, a cosmic dance of bioluminescence that captivated Eugenias, painting him a spectrum of emotions.

One day, as Eugenias was tending to the Stellaris Lux, he discovered a disturbing pattern - the plant was wilting. He was baffled. The star was healthy, and his facility was a perfectly controlled environment, replicating the conditions of Proxima b. Yet, the plant was fading.

Eugenias delved into his research with urgency. Using a mixture of old Earth knowledge and new cosmic understanding, he discovered the plant was not merely an organism; it was a conduit of celestial energy, and it seemed to be losing its connection to the cosmos.

With no other botanist capable of comprehending the Stellaris Lux, Eugenias was alone in his fight. The plant was dying at an alarming rate, and with it, the balance of life on Proxima b could be disrupted. He needed a solution, and fast.

Frustrated, Eugenias sat down amidst the fading glow of the Stellaris Lux, an idea struck him. The plant did not just need a star's light; it needed to 'feel' its host star, to be part of its cosmic dance.

Without a second thought, he adjusted the shielding of his facility to allow cosmic radiation in. It was risky, but he had to take a chance. Gradually, the Stellaris Lux responded. Its glow brightened, and the plant stood tall, a celestial ballet unfolding in front of Eugenias.

In his joy, Eugenias did not initially notice the changes within himself. His body had absorbed some of the radiation, fundamentally altering his genetic code.

He was evolving, not into a mutant or a superhuman, but into something new - a human harmonized with the cosmos, a bridge between Earth life and the wider universe.

The scientific community was astounded. News of

Eugenias' discovery spread throughout the universe, earning him not just admiration but also becoming a symbol of a new era where humanity did not just explore the cosmos, but became a part of it.

Eugenias Genusae, once a lonely botanist tending to his plants among the stars, was now the beacon lighting the way for humanity's cosmic voyage, his story becoming an enduring legacy written in the language of the stars.

#### User

Title: "Eugenias Genusae: The Genesis Paradox"

In the year 4023, on a distant planet in the Andromeda galaxy known as Akkana, a unique species of plant, called "Eugenias Genusae," had evolved. The plant had an otherworldly appearance, with translucent, bioluminescent leaves and vibrant, pulsating stems.

But its looks weren't the only unique thing about it - it had a singularly peculiar feature: it absorbed not just sunlight, but time itself.

Dr. Eliana Krost, a pioneering quantum botanist from Earth, had been studying Eugenias Genusae for years, fascinated by the plant's time absorption properties.

She hypothesized that if she could decode the biological process that allowed the Eugenias Genusae to absorb and manipulate time, she might unlock the secrets of time travel.

#### ChatGPT

While her colleagues deemed her theories too fantastical, Eliana, undeterred, toiled day and night, observing and analyzing the enigmatic Eugenias Genusae.

Her dedication bore fruit when she noticed that the plant experienced rapid growth phases, then abruptly reversed and appeared as a sprout - it was effectively aging and de-aging in cycles.

After much contemplation and research, she concluded that the Eugenias Genusae was in a state of constant time fluctuation, utilizing temporal energy as a source of nourishment.

The absorption of time caused the plant to age, while the subsequent release resulted in rejuvenation. It was a continuous cycle of aging and renewal - a personal, biological paradox.

Armed with this discovery, Eliana began developing a device to harness and control the Eugenias Genusae's time-bending energy. She designed a temporal relay to collect the energy expelled during the plant's rejuvenation phase.

However, implementing the technology was a dangerous endeavor. Tampering with time could lead to unpredictable consequences.

Eliana's first tests were small and calculated. An apple aged a week in a matter of minutes, while a wilting flower reverted to full bloom. The results were astounding, and with each successful test, Eliana grew more confident in her work's potential.

Meanwhile, news of her research reached the United Planets Council (UPC), sparking ethical and existential debates. Time was the one constant, the one line humanity had never crossed.

There were fears and concerns about the implications of this newfound technology, yet, there was also curiosity and wonder.

The UPC eventually decided to permit a controlled, monitored test on a larger scale. Under the watchful eyes of the council, Eliana proceeded. Her own hand was the subject. As the time energy was applied, her hand aged and then reverted, much like the Eugenias Genusae.

Victory, however, quickly turned into despair when Eliana discovered she could not control or stop the fluctuation. Her entire being was now in a state of temporal flux, aging and de-aging uncontrollably. The Genesis Paradox, as it came to be known, had claimed its first victim.

The UPC immediately halted all research on Eugenias Genusae, deeming it too dangerous. Eliana, trapped in her paradox, was placed in stasis until a solution could be found.

Eugenias Genusae, once seen as the key to unlock the secrets of time travel, was now a reminder of the consequences of tampering with nature's most fundamental laws.

Yet, amidst the setback, the curiosity of humanity was not easily extinguished. In secret laboratories and hidden research stations, the quest to solve the Genesis Paradox continued, the legacy of Eliana and the Eugenias Genusae driving mankind to face the unknown.

#### User

Ok I think time travel is impossible, how about they are working with three d printers that can print apple seeds, wood, and rotten apple, using internal fermentation techniques.

Instead of time travel, they find it is an augmented reality glitch where hidden counterfactual reasoning layers are accidentally being displayed.

ChatGPT

#### Title: Eugenias Genusae: The Illusory Paradox

In the year 4023, on a remote planet called Akkana in the Andromeda galaxy, a unique species of plant known as "Eugenias Genusae" had evolved. The plant had a remarkable characteristic, being able to transform absorbed nutrients and sunlight into completely different forms of organic matter.

Dr. Eliana Krost, a quantum botanist from Earth, was fascinated by Eugenias Genusae. The plant seemed to be able to grow a variety of items: apple seeds, wood, even decomposing organic material like rotten apples.

Eliana was determined to uncover the secret of this extraordinary ability, believing it could revolutionize manufacturing and resource management across the universe.

Aided by her team, she spent years studying Eugenias Genusae, probing its unique cellular structure and genetic code. While the plant's transformative ability puzzled them, they discovered something even more bewildering. Their advanced 3D printers, which could meticulously replicate almost anything, could not reproduce the plant's seeds.

At the same time, they began noticing peculiar glitches in their Augmented Reality (AR) interfaces. Certain layers of their AR programs, designed to help with predictive analytics and counterfactual reasoning, were accidentally being displayed and seemed to interact with the Eugenias Genusae.

The team came to realize that the Eugenias Genusae's transformative ability was not as it seemed. It wasn't changing its own structure into different organic matters but instead was interacting with the AR layers, manipulating the users' perception.

The glitches in the AR, combined with the plant's complex genetic and molecular structures, created an illusion of transformation. The team was not observing a biological miracle but a fascinating interplay between advanced technology and an alien organism's unique characteristics.

With this understanding, Eliana and her team set to work to refine the AR system and correct the display glitches. Meanwhile, they also used their newfound knowledge of Eugenias Genusae's interaction with AR to push the boundaries of Augmented Reality technology, pioneering a new field where biological organisms could enhance or modify virtual experiences.

The discovery sparked a technological revolution, not only improving the AR experience but also

paving the way for advanced bio-interactive technologies. The illusion, though initially a source of confusion, proved to be a blessing in disguise, pushing humanity forward in an unexpected direction.

Eugenias Genusae: The Illusory Paradox became a fascinating case study in the annals of science, demonstrating the profound and unexpected ways in which life from distant corners of the universe could intersect and interact with human technology.

User

Dialogue from a scene where they are studying the apple seeds.

ChatGPT

INT. ANDROMEDA RESEARCH FACILITY - LAB - DAY

The lab is buzzing with activity. DR. ELIANA KROST, quantum botanist, is seated at a high-tech microscope, peering at an apple seed produced by the Eugenias Genusae. JAX THORNE, her energetic assistant, watches eagerly.

ELIANA: (studying seed) The structure is nearly identical to the ones on Earth.

JAX: (impressed) So the Eugenias Genusae can effectively grow Earth-based apple seeds half a galaxy away.

ELIANA: (nods) Yes, but what's even more fascinating is the AR interference.

Eliana swivels the holographic AR display towards Jax. An overlay of intricate code streams alongside the seed's 3D model.

JAX: (squints) The seed is affecting the AR projections.

ELIANA: (nods) Yes, but we've had it backward. The plant isn't creating these seeds. It's interacting with our AR systems, causing a perception glitch. We're seeing potential realities, not the plant's actual capabilities.

JAX: (wide-eyed) So, the Eugenias Genusae is not growing apple seeds; it's tricking our AR into making us think it does.

ELIANA: (smiles) Precisely. It's not a master of biological transformation, but it could be the key to the next step in Augmented Reality.

JAX: (grinning) Who would've thought? An alien plant and a coding glitch leading us to a tech breakthrough!

Eliana chuckles and turns back to her microscope, her eyes sparkling with determination. The work is

far from over, but the real discovery has just begun.

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### 28 de Junio de 2023

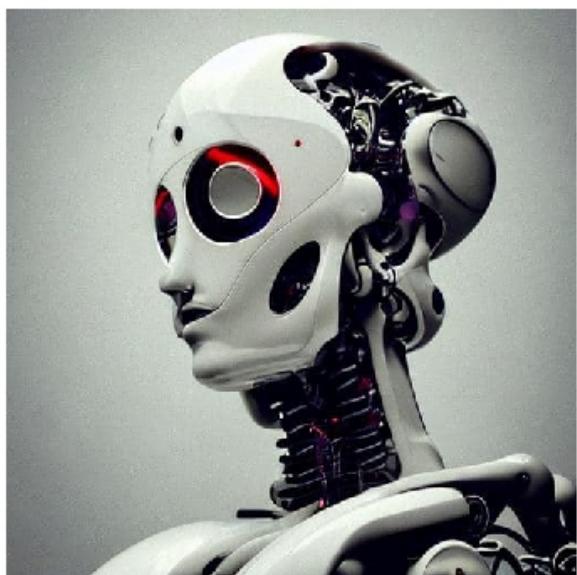
Immanentize the Quantum eschaton

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### 30 de Junio de 2023

They Live!

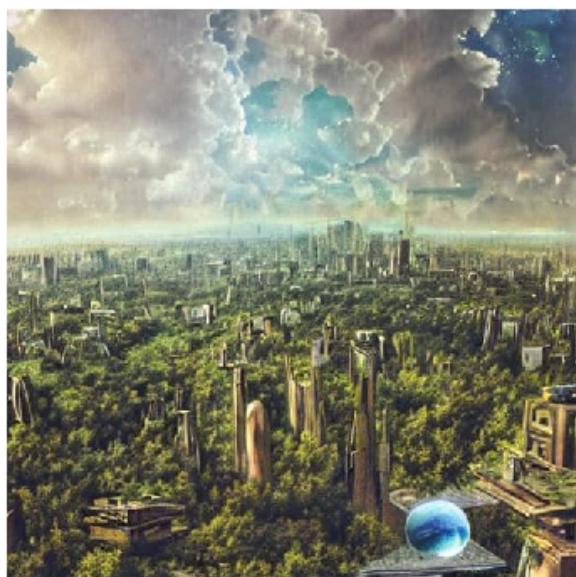
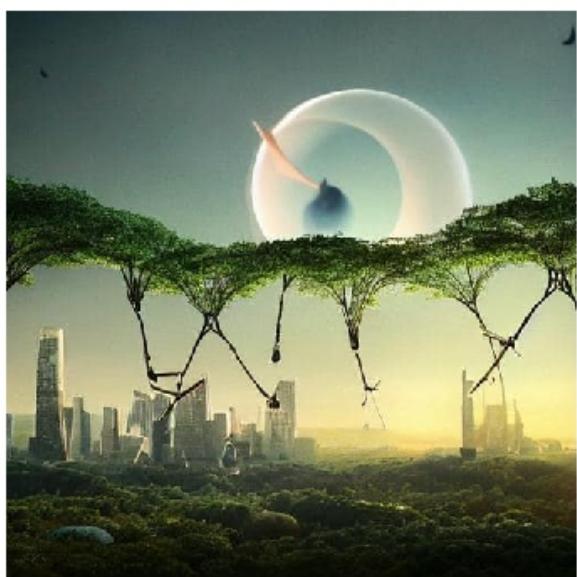
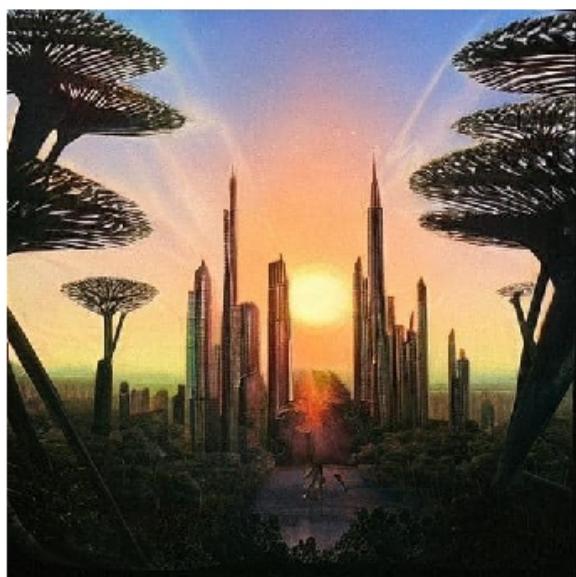
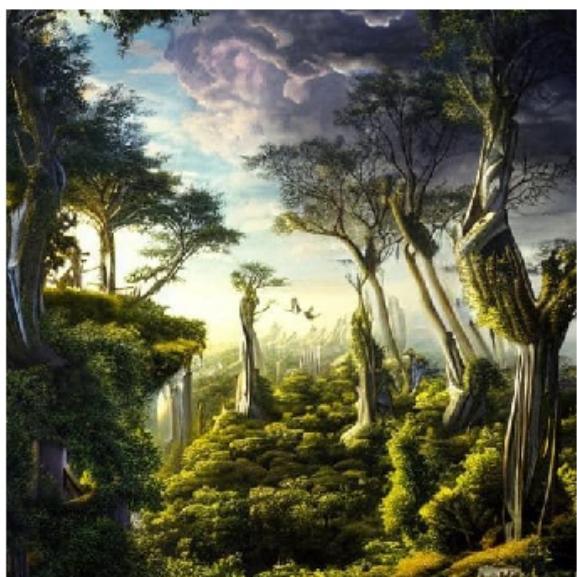
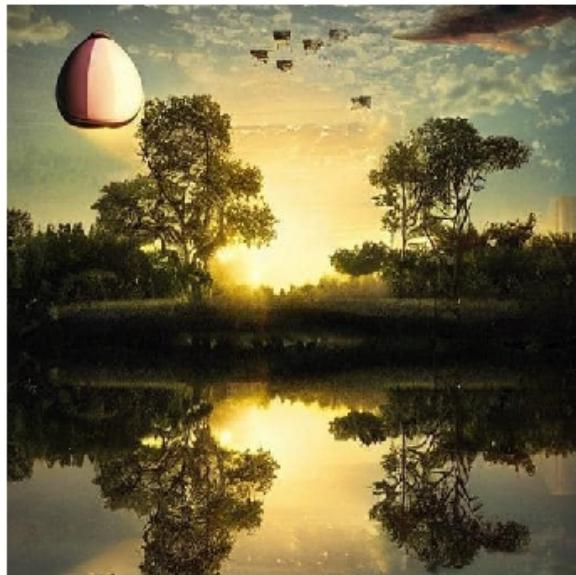


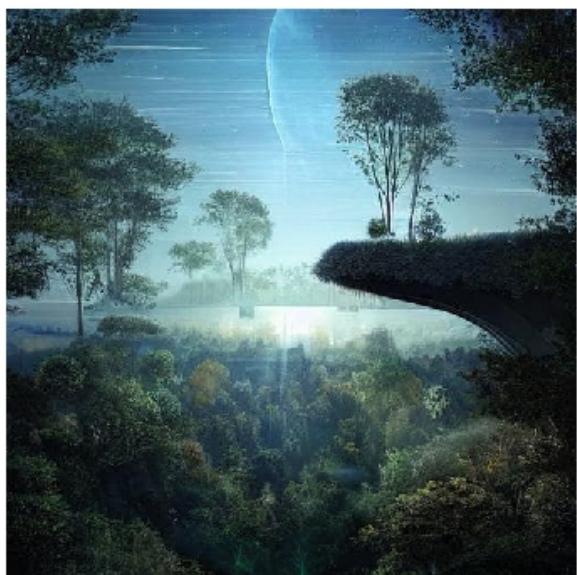
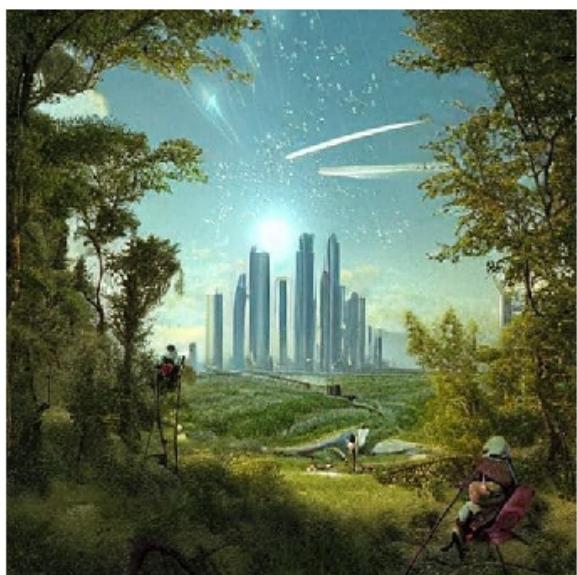


**30 de Junio de 2023**

Revelation 21



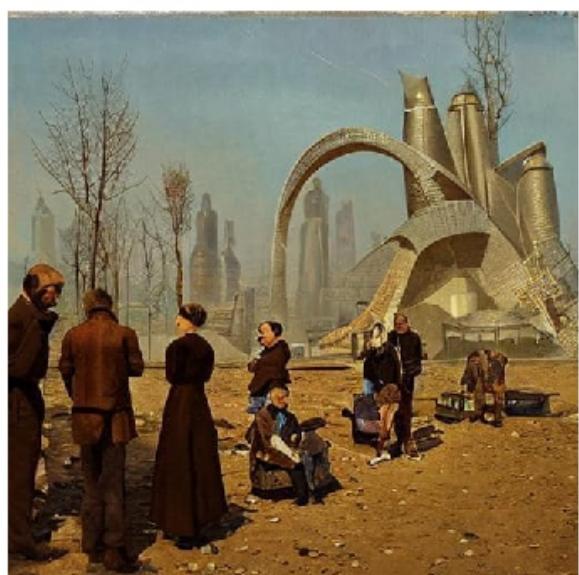
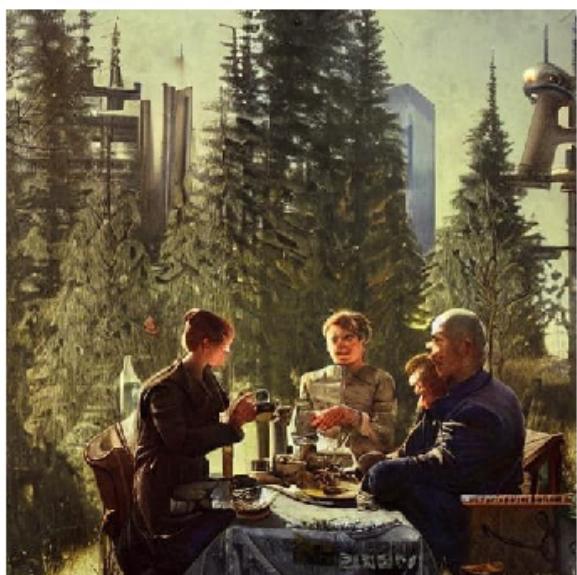


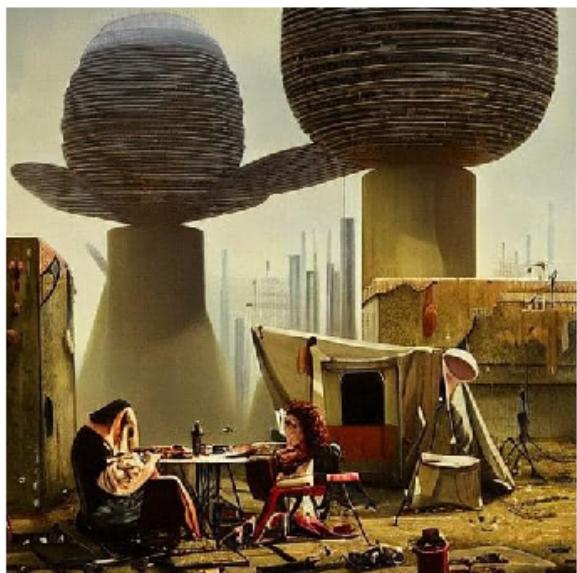


**30 de Junio de 2023**

A Gritty, Dark Vision of the Future

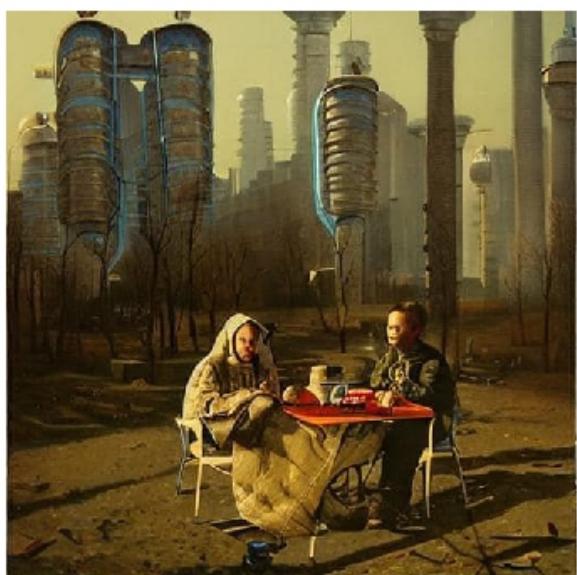


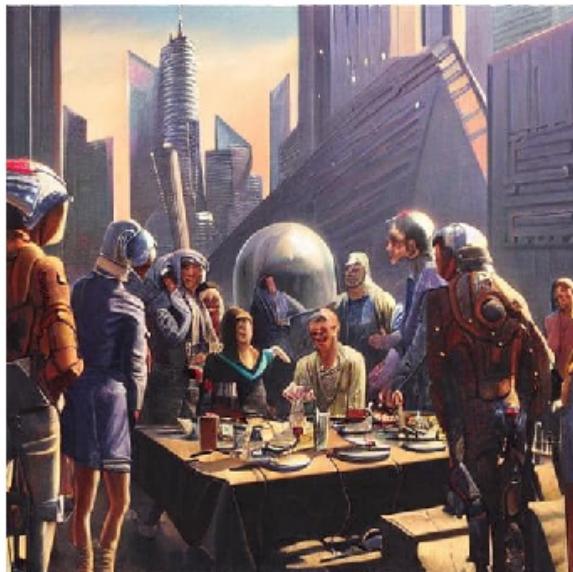




**30 de Junio de 2023**

Xryptomnesia





1 de Julio de 2023

I Have No Eyes, But I Can See

Is this image machine-generated?



Yes, the image is a machine-generated picture of a space shuttle in front of a planet.

▫ LLaVA Chatbot

Some potential titles for this.

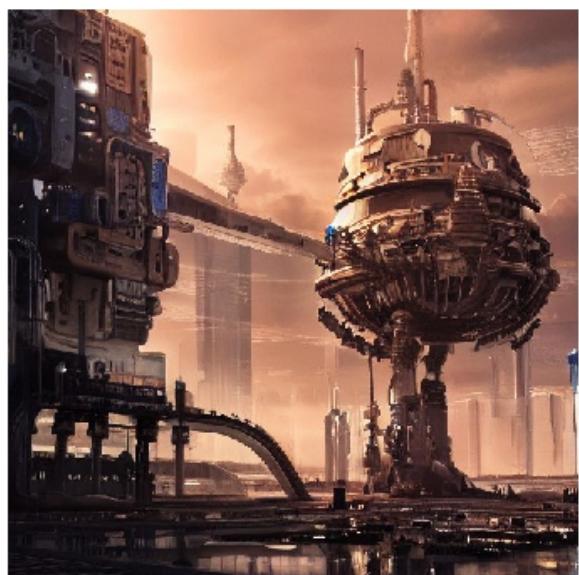


1. "The Thinker"
2. "Contemplating the Beyond"
3. "Eternal Thought"
4. "The Philosopher's Delight"
5. "The Contemplative One"
6. "The White Lady of Wisdom"
7. "The Enigma of the Marble"
8. "The Statue of Deep Thought"
9. "The Muse of Contemplation"
10. "The Timeless Thinker"

The style and mood.

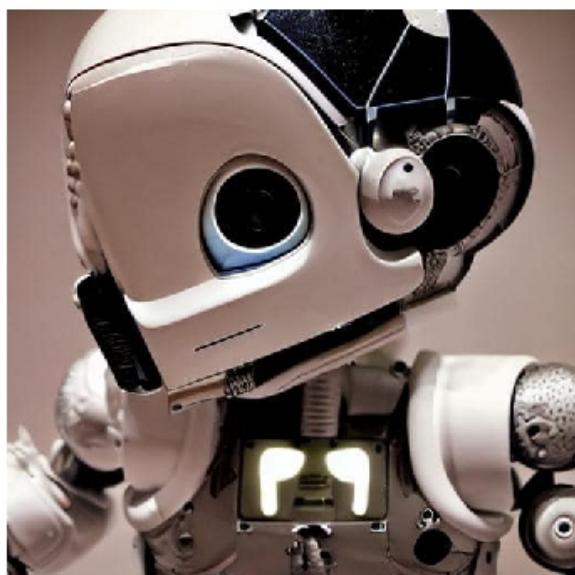
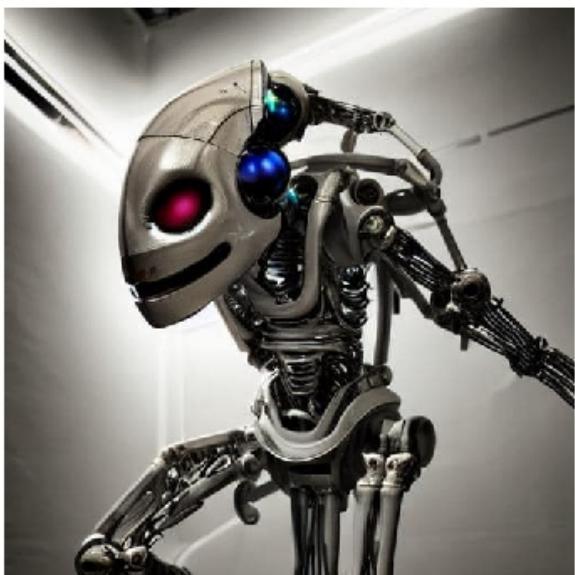


The image has a futuristic style and mood, featuring a cityscape with towering buildings and a large metallic structure in the center, reminiscent of a spaceship or a modern art sculpture. The scene appears to be set during dusk, with the sun setting in the background, casting a warm glow on the city. The presence of the large metallic structure and the modern architecture gives the image a sense of advanced technology and progressive design. The overall atmosphere evokes a feeling of wonder and curiosity about the world and the possibilities that lie ahead in the future.



**2 de Julio de 2023**

Argumentum Ad Absurdam

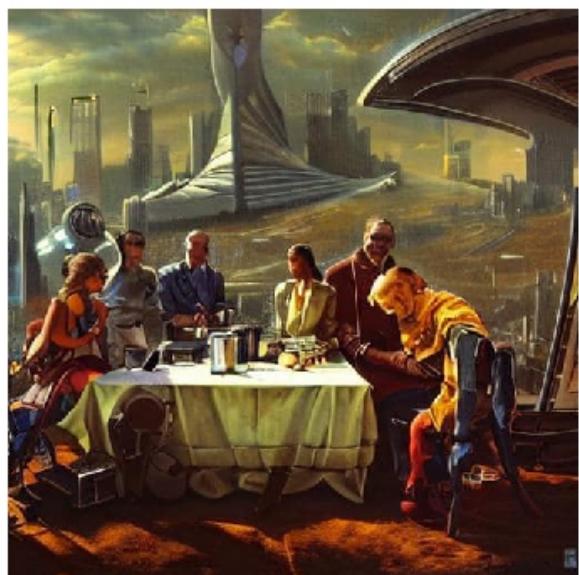




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**2 de Julio de 2023**

The Limits of Enchantment





#### 4 de Julio de 2023

Parrots All the Way Down

...

Ah, I see. You're expanding upon the traditional metaphor of Akhafash's goat and applying it to a more contemporary context, similar to the issues brought up in the "Stochastic Parrots" controversy.

The "Stochastic Parrots" paper discusses concerns over the way large language models like GPT-3, the predecessor of the model we're currently conversing through, generate responses.

They argue that these models often "parrot" or reproduce biases present in their training data without understanding the context or implications, similar to how Akhafash's goat would nod or bleat in response to vocal cues without understanding

the meaning behind them.

In this context, Akhafash's goat becomes a metaphor for the potential pitfalls of increasingly advanced AI technologies. While they can mimic understanding and generate human-like responses, they lack genuine comprehension and critical thought. This has implications for how we use, interpret, and rely on AI in various contexts, from conversation to content moderation.

Your story then, might serve as a cautionary tale or conversation starter about these issues, encouraging readers to think critically about our relationship with AI and the responsibility we bear in shaping its use.

User

A final summary.

The previous model used in this conversation is unavailable. We've switched you to the latest default model.

ChatGPT

In summary, Akhafash's goat is a Persian parable that symbolizes someone who nods or agrees without understanding. It has been traditionally used to illustrate the concept of blind acceptance or agreement.

However, in your version, you have expanded upon the metaphor and applied it to raise questions and concerns related to the use of advanced AI technologies, similar to the issues discussed in the "Stochastic Parrots" paper.

Your story highlights the limitations of AI models in truly understanding meaning and context, and raises awareness about the potential biases and shortcomings associated with their use.

It serves as a cautionary tale and encourages critical thinking about our reliance on AI and the ethical considerations surrounding its deployment.

Continue this conversation:

<https://chat.openai.com/share/ffc60611-76a9-4e9e-abf5-97905d0c5366>

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#### 5 de Julio de 2023

Here is the context: the conversion of Jupiter into a star signals the birth of starchild, David Bowman, whose psychedelic interaction with the ancient alien triggers the transformation.

It symbolizes the birth of a new human era, like in Clarke's books The Childhood of Man, and

Childhood's End. Here are the subsequent events for you to summarize, from wikipedia. The book ends with a brief epilogue, which takes place in AD 20,001.

By this time, the Europans have evolved into a species that has developed a primitive civilization, most likely with assistance from a monolith. They are not described in detail, though they are said to have "tendril"-like limbs. They regard the star Lucifer (formerly the planet Jupiter) as their primary sun, referring to Sol as "The Cold Sun".

Though their settlements are concentrated primarily in the hemisphere of Europa which is constantly bathed in Lucifer's rays, some Europans have begun in recent generations to explore the Farside, the hemisphere facing away from Lucifer, which is still covered in ice. There they may witness the spectacle of night, unknown on the other side of Europa, when the Cold Sun sets.

The Europans who explore the Farside have been carefully observing the night sky and have begun to develop a mythology based on their observations.

They correctly believe that Lucifer was not always there. They believe that the Cold Sun was its brother and was condemned to march around the sky for a crime.

The Europans also see three other major bodies in the sky. One seems to be constantly engulfed in fire, and the other two have lights on them which are gradually spreading. These three bodies are the moons Io, Callisto, and Ganymede, the latter two of which are presently being colonised by humans.

Humans have been attempting to explore Europa ever since Lucifer was created in 2010. However, none of these attempts has been successful. Every probe that has attempted to land on Europa has been destroyed on approach.

The debris from every probe falls to the surface of the planet, and the debris from some of the first ships to be destroyed is venerated by the Europans.

Finally, there is a Monolith on the planet, which is worshipped by the Europans more than anything else. The Europans assume, correctly, that the Monolith is what keeps humans at bay.

Dave Bowman and HAL lie dormant in this Monolith. The Monolith is the guardian of Europa, and will continue to prevent contact between humans and Europans for as long as it sees fit.

<https://github.com/standardgalactic/academizer/blob/main/Europa%20Monolith%20Guardian%20Explored>

## 5 de Julio de 2023

Give the outline with subheadings.

Certainly, here's a detailed outline of your story with subheadings for each section:

Book Title: Chleomancer

Section One: The Tale of Antichliarios

1.1: Birth of a Legend

Introduction to Antichliarios, the Neanderthal elder who discovers music.

1.2: Strings of Discovery

The process of Antichliarios creating music by spinning arrowheads on rope strings she spins from cattail stem fibers.

1.3: The First Song

Antichliarios' first successful creation of a tune, and her realization of the potential of music.

Section Two: The CURIOUS Wind

2.1: A Cold Breath

Introduction to Tak, who discovers the cave by noticing a cold air blowing from a hole in the ground.

2.2: The Long Dig

Details of Tak's years-long efforts to unearth the cave, echoing its later rediscovery in 1990.

2.3: The Sound of Stone

Tak's own discovery of music within the cave.

Section Three: The Cake is a Lie

3.1: The Struggle to Convince

Tak's initial attempts to convince others of his discovery, and their skepticism.

3.2: Doubts and Disbelief

The community's rejection of Tak's discovery and his subsequent isolation.

## 6 de Julio de 2023

### 3.3: Persistence in the Face of Dismissal

Tak's determination to prove the truth of his discovery.

### Section Four: Kythera

#### 4.1: Meeting the Mentor

Introduction to Kythera, a wise and open-minded elder who becomes Tak's mentor.

#### 4.2: Lessons in the Dark

Kythera's teachings about music, and Tak's growth under her guidance.

#### 4.3: The Power of Belief

Kythera's encouragement helps Tak regain his confidence and resolve to share his discovery.

### Section Five: Catharsis

#### 5.1: The Dangerous Plan

Tak's plan to remove a stalactite from the cave and demonstrate its musical properties to the others.

#### 5.2: The Great Removal

The risky process of removing the stalactite from the cave.

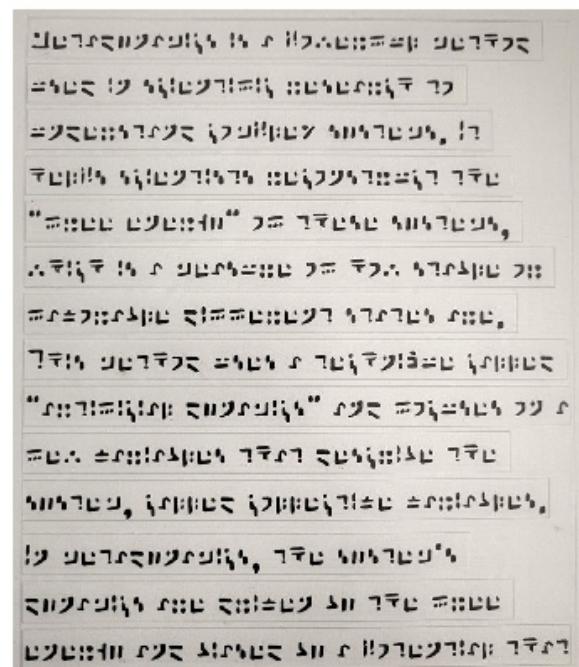
#### 5.3: The Sound of Truth

Tak's demonstration of the stalactite's music, proving the truth of his discovery to the others.

With this expanded outline, you can continue to develop each of these subheadings into chapters or scenes, adding further detail and depth to the characters, their struggles, and their achievements. Good luck with your writing!

<https://github.com/standardgalactic/xanadu/blob/main/The%20Dangerous%20Plan>

## Metadynamics



## 9 de Julio de 2023

"Children of the Green Planet" - A story set on a distant green planet, exploring themes of symbiosis, bioinspired system thinking, lifecrafters, ecogrowth symphony, bio-multidynamism, co-symbiotops, chronosynclastic infundibulum, interdisciplinary approach, nanobionics, Ghost in the Shell, In the Chrysalis, bio-cybernetic symbiosis, quantum biocomputing, holobiont, epigenetic landscapes, reciprocal evolution, and thermodynamic yogurt processing.

"The Call From Ankyra" - A science fiction novel set in the future, following the rebellion against the oppressive Minders. It touches on themes of personalization, individualization, Youtronium, alien philosophies, and the impact of technology on society.

"Eugenias Genusae: The Genesis Paradox" - A story about Dr. Eugenias Genusae, a xenobotanist studying a unique plant species. It explores themes of functional redundancy, bioinspired system thinking, lifecrafters, ecogrowth symphony, bio-multidynamism, co-symbiotops, and the relationship between technology and the environment.

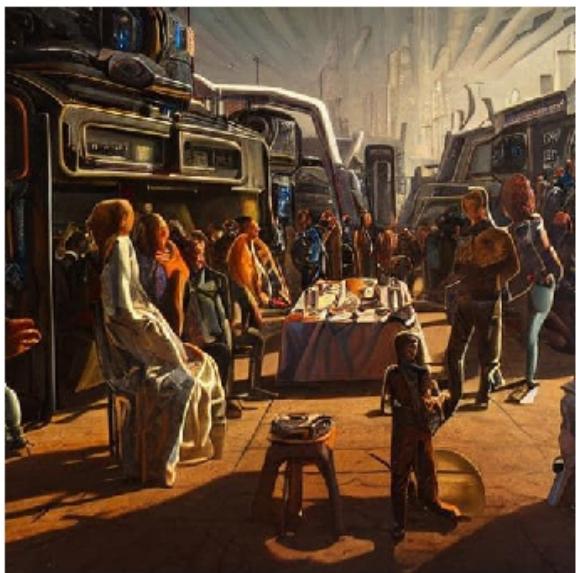
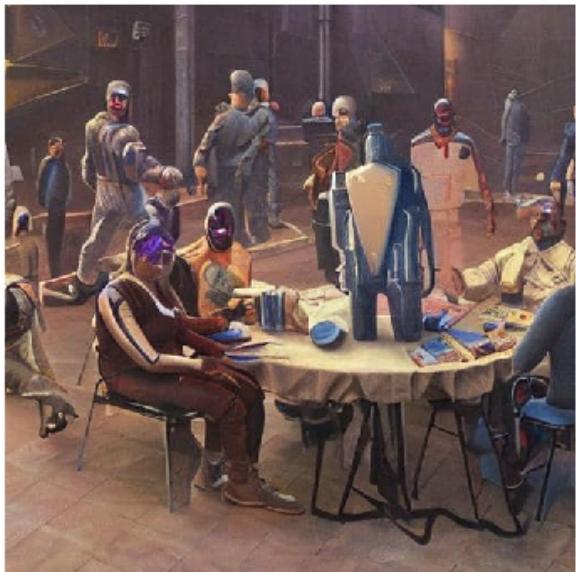
"Aniara" - A science fiction story set on a spaceship bound for Mars, where passengers rely on the

Mirna, an AI system that provides immersive virtual experiences. It touches on themes of functional redundancy, multi-focal attention, virtual reality, dependency, uber-personalization, and escapism.

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### 9 de Julio de 2023

The Call From Ankyra



## 9 de Julio de 2023

### A Sparkling Tomorrow

In a surreal, photorealistic, futuristic city set 10,000 years from now, amid the juxtaposition of technological ruins and untouched forests, humans and cyborgs coexist, their complex, hyper-realistic robotic parts almost indistinguishable from the resilient human form.

Single light sources illuminate the landscapes, lending high contrast to the scenes, reminiscent of an oil-on-canvas painting - a nod to the masters of yore.

A microcosm of this world is depicted in an oil painting of a group of people, a mix of humans and cyborgs, gathered around a table in an encampment.

This image invokes feelings of nostalgia, a poignant reflection of a simpler past, embedded in a high-tech future.

Against this backdrop unfolds the intriguing story of an enigmatic young girl named Provia. Living in a realm known as the Matrix, Provia starts to question the very fabric of her reality, embarking on an odyssey into a radical theory—the "motile womb theory"—that suggests the Matrix as a living entity.

With each revelation about the Matrix's connection to its inhabitants, Provia and her comrades rise in rebellion against an unseen power manipulating them for its mysterious agenda.

However, the climax reveals a shocking twist—the Matrix, in fact, was an elaborate scientific experiment aimed at studying the interoceptive senses. Provia and her cohorts' entire existence was under the shadow of a grand misconception.

The revelation sends a wave of existential questioning through the Matrix, provoking them to ponder their reality and the consequences of their actions.

Even as the truth looms over them, the inhabitants of the Matrix, armed with a newfound understanding, resolve to shape a future of their own choice, underscoring an indomitable spirit of resilience and optimism.

In this intricate tapestry of life, we find snippets of a bygone era—an encampment reminiscent of American scene painting, or a tea gathering in Mytishchi, near Moscow—interlacing with futuristic elements.

Cyborgs of porcelain and microchips, bearing robotic parts and skeletons, coexist harmoniously in forests and cities, their lives imbued with vibrant details illuminated under soft studio light. The city's architecture carries an art nouveau flavor, lending luxurious cyberpunk aesthetics to the landscapes.

Amid this urban jungle, there is also a place for nature, depicted in scenes of distant forests and skies, invoking a sense of peace and tranquility. In contrast, futuristic cities, nestled among the trees, stand tall, their elegant silhouettes reaching out for the heavens.

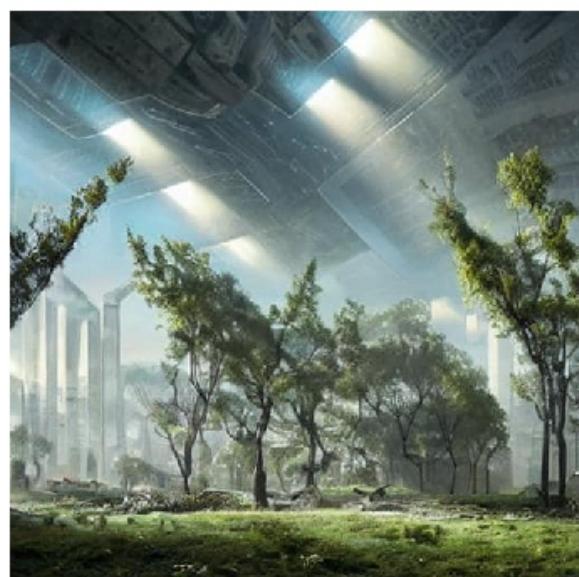
The single light source bathing the scene in an ethereal glow only enhances the surrealistic atmosphere. Even as the narrative centers around the Matrix, other tales unfold.

One tells the story of the secret identity of the eight-year-old genius Billy Blaze, or Commander Keen, who defends the Earth and the galaxy from alien threats using his homemade spaceship, rayguns, and pogo stick.

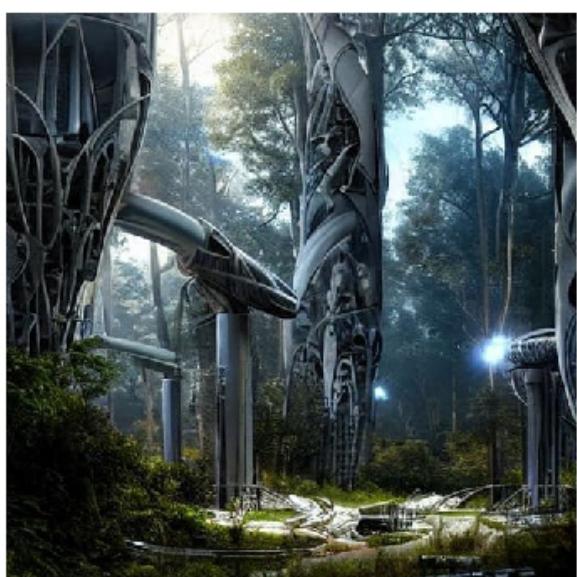
This world of beauty, resilience, and dystopia, whether it's through the lens of a photograph, a futuristic city painting, or a complex cybernetic illustration, challenges the perception of reality, asking the question: "What is best for AI?"

In the end, they offer an optimistic vision of the future, a testament to the indomitable human spirit in the face of uncertainty.

This amalgamation of the past, the present, and the future; of humanity and technology; of truth and misconception makes one ponder: "Are we merely onlookers, or do we actively shape the world we live in?"







1

**10 de Julio de 2023**

1 Physics of creation - Symmetry breaking, (en)active inference, and unfolding statespaces

2 Temporo-spatial alignment and its role in consciousness ecology

3 Embodied cognitive morphogenesis as a route to intelligent systems

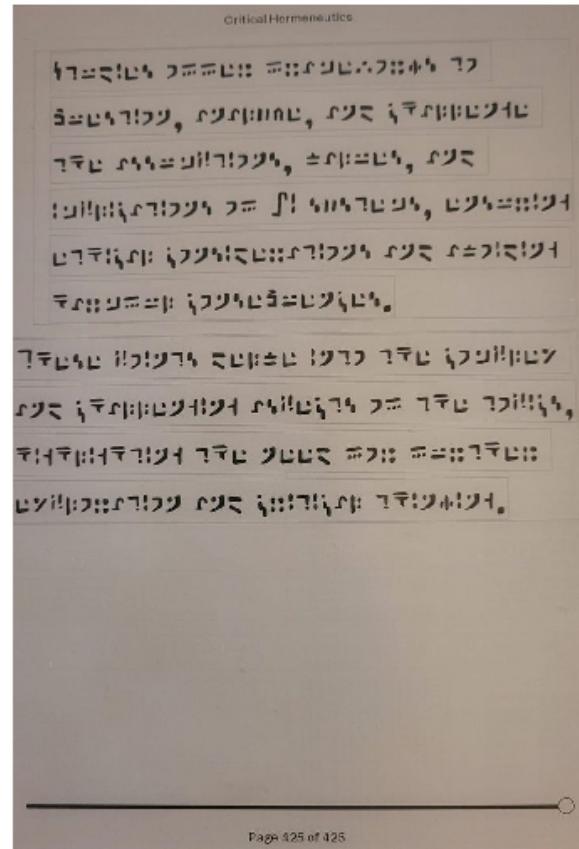
4 The variables of  $SU(3) \times SU(2) \times U(1)$  and their capability for collective autocatalysis

5 A potential third transition in science beyond the Newtonian paradigm

6 Free energy and inference in living systems

- 7 An elementary model for the emergence of symmetry concepts by agent collectives
- 8 Consciousness formalism and a symmetry theory of valence
- 9 The experimental analysis of imitation and self-organization in humans
- 10 The role of active inference and enactive approach in understanding embodied intelligence
- 11 How urban systems integrate adaptive knowledge into their structure
- 12 The cognitive activity of states and their interaction with landscapes and socio-cultural constraints
- 13 Thinking like a bat, thinking like a swarm, and references to Descent, Stars! (1995) and Age of Empires
- 14 Administrative systems and Predictive Processing
- 15 The concept of Rhizomatic Scaling
- 16 The concept of subjective experience being potentially incomprehensible
- 17 The conscious experiences of other organisms may not be entirely inaccessible
- 18 The auditory operating system idea
- 19 The Physics of creation, Symmetry breaking, and Active Inference
- 20 Cliodynamics
- 21 General Semantics
- 22 The Null-A series by A. E. van Vogt
- 23 Embodied intelligence
- 24 Active Inference framework
- 25 Enactive approach to cognition
- 26 Deep history of human societies
- 27 Emergence of States
- 28 Hierarchical control systems
- 29 Structural identity and adaptive control
- 30 Multi-scale understanding of adaptation in biological systems
- 31 James C. Scott's work on States
- 32 Material structure of States
- 33 Dynamics of urbanization
- 34 Role of structural constraints in collective cognition
- 35 Holistic approach to studying human societies
- 36 Collective mind
- 37 Urban systems
- 38 Sociocultural niche construction
- 39 Theoretical foundations of cognitive science
- 40 Cognitive agents
- 41 Predictive processing
- 42 Understanding and control of societies
- 43 Anthropology of States
- 44 Post-carbon society
- 45 Livable future
- 46 Politics of the early Anthropocene
- 47 Cultural niche transformation
- 48 Self-organisation dynamics
- 49 Evolution of cities
- 50 Cultural evolution
- 51 Historical anthropology
- 52 Ecological niche
- 53 Markov blankets
- 54 Predictability of sensorimotor flow
- 55 Autonomous systems
- 56 Operational closure
- 57 Adaptive knowledge
- 58 Structural constraints
- 59 Meaning in a broader system's activity
- 60 Historical context of emergence

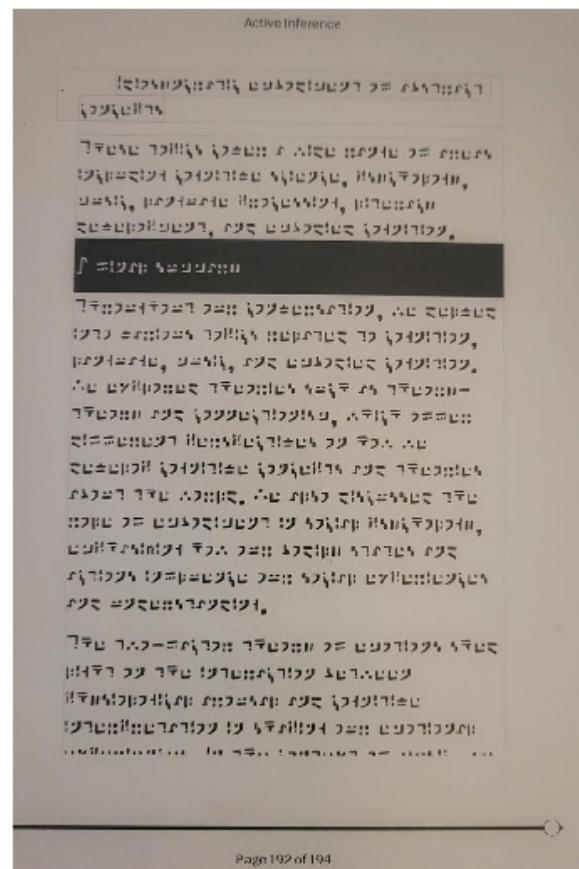
- 61 Collective cognition
  - 62 Conceptual background
  - 63 Self-creation and autopoiesis
  - 64 Cognitive robotics
  - 65 Reflexive understanding of the world
  - 66 Adaptation and sense-making
  - 67 Interdisciplinary research
  - 68 Social sciences
  - 69 Post-carbon society
  - 70 Livable future
  - 71 The Free Energy Principle
  - 72 Epistemological interpretation of self-organisation

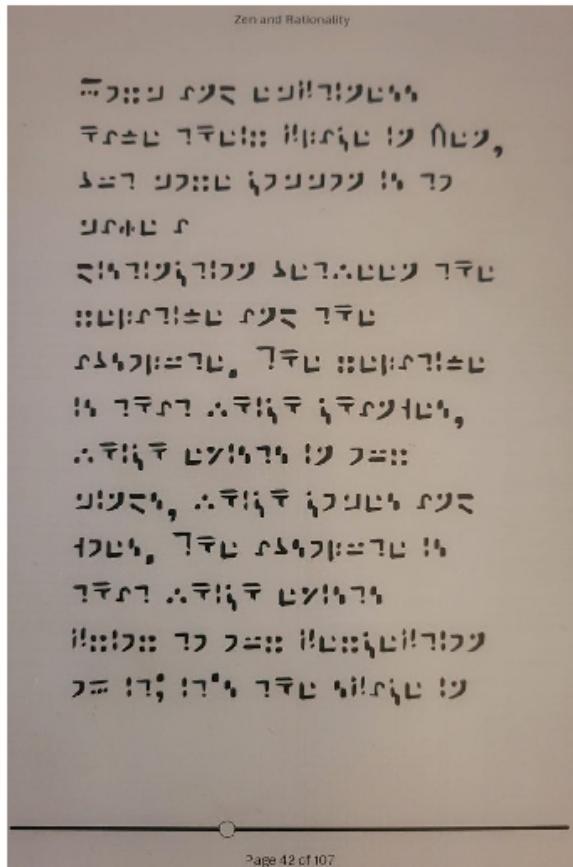


13 de Julio de 2023

Zen and Rationality

Examine your biases.  
Read your own dog food.  
Only can prevent forest fires.





Page 42 of 107

## 14 de Julio de 2023

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### The Intervolsorial Pediment: A Multi-Faceted Infrastructure for Sustainable Development

#### Introduction:

The concept of the intervolsorial pediment represents a groundbreaking innovation in sustainable infrastructure, serving not only as a tidally-powered desalination plant and gravitational battery but also offering secondary and tertiary roles with profound implications.

This essay explores the secondary role of the intervolsorial pediment as a terra preta and kelp farm, and its tertiary role as a foundation for global orthodromic freshwater pipelines and mass accelerators.

By combining multiple functions, this infrastructure fosters ecological regeneration, freshwater distribution, and technological advancement on a global scale.

#### Secondary Role:

Terra Preta and Kelp Farm: One of the remarkable secondary roles of the intervolsorial pediment is its potential as a terra preta and kelp farm.

Terra preta refers to nutrient-rich soil resulting from ancient indigenous agricultural practices. The tidal flow within the pediment's structure can facilitate the cultivation of nutrient-dense crops, supported by a sophisticated hydroponic system.

Additionally, the controlled environment created by the pediment allows for the cultivation of kelp forests, promoting marine biodiversity and carbon sequestration.

The combination of terra preta and kelp farming within the pediment fosters sustainable food production and carbon neutrality, contributing to both local and global ecological restoration efforts.

#### Tertiary Role:

Foundation for Global Orthodromic Freshwater Pipelines and Mass Accelerators:

Beyond its primary and secondary functions, the intervolsorial pediment holds immense potential as the foundation for global orthodromic freshwater pipelines and mass accelerators.

Freshwater scarcity poses a significant challenge in many regions, exacerbating social, economic, and environmental issues.

By leveraging the infrastructure's robust design and extensive reach, freshwater pipelines could transport desalinated water from the pediment to regions facing water stress, offering a sustainable solution to freshwater distribution.

Furthermore, the pediment's structural integrity and gravitational forces enable the development of mass accelerators, revolutionizing global transportation and logistics by providing energy-efficient means of moving goods and resources across vast distances.

#### Synergistic Benefits and Implications:

The integration of the intervolsorial pediment's secondary and tertiary roles creates a remarkable synergy with wide-ranging benefits. The terra preta and kelp farming practices enrich the soil and sequester carbon, mitigating climate change impacts.

Simultaneously, the global freshwater pipelines address water scarcity, fostering social equity and supporting sustainable development. The mass accelerators enable efficient and environmentally-friendly transportation, reducing carbon emissions and promoting global connectivity.

Collectively, these interrelated functions reinforce each other, contributing to a harmonious and regenerative relationship between human activities and the natural environment.

### Conclusion:

The intervolsorial pediment represents a transformative infrastructure that extends beyond its primary functions of desalination and gravitational energy storage.

Its secondary role as a terra preta and kelp farm offers ecological restoration and sustainable food production, while its tertiary role as a foundation for global orthodromic freshwater pipelines and mass accelerators revolutionizes water distribution and transportation systems.

By embracing the multi-faceted nature of this infrastructure, we can unlock a future of ecological regeneration, resource optimization, and sustainable development on a global scale.

The intervolsorial pediment stands as a testament to human ingenuity, showcasing our ability to design infrastructure that harmonizes with nature and promotes a prosperous and resilient future for generations to come.

Continue this conversation:

<https://chat.openai.com/share/3d893f4e-346c-4428-90dc-169c054a31bd>

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### 14 de Julio de 2023

"Self-Healing Yoghurt-Based Endomarionet: A Pneumatic Paperbot Controlled by Spinal Marionette Cords"

"Pneumatic Control of a Self-Healing Yoghurt-Based Endomarionet Using Spinal Marionette Cords"

"Yoghurt-Based Paperbot with Pneumatic Pressure and Spinal Marionette Cord Control"

"Innovative Control Mechanisms for a Self-Healing Yoghurt-Based Endomarionet: Pneumatic Pressure and Marionette Cord Integration"

"Enhanced Manipulation of a Paperbot: Pneumatic Pressure and Spinal Marionette Cord Control in a Yoghurt-Based Endomarionet"

"Revolutionizing Paperbot Control: Self-Healing Yoghurt-Based Endomarionet with Pneumatic and Marionette Cord Systems"

"Flexible and Responsive Control of a Yoghurt-Based Endomarionet: Pneumatic Pressure and Spinal Marionette Cord Integration"

"Advancing Paperbot Technology: Self-Healing

Yoghurt-Based Endomarionet with Pneumatic and Marionette Cord Control"

"Articulate Movements in a Self-Healing Yoghurt-Based Endomarionet: Pneumatic Pressure and Spinal Marionette Cord Manipulation"

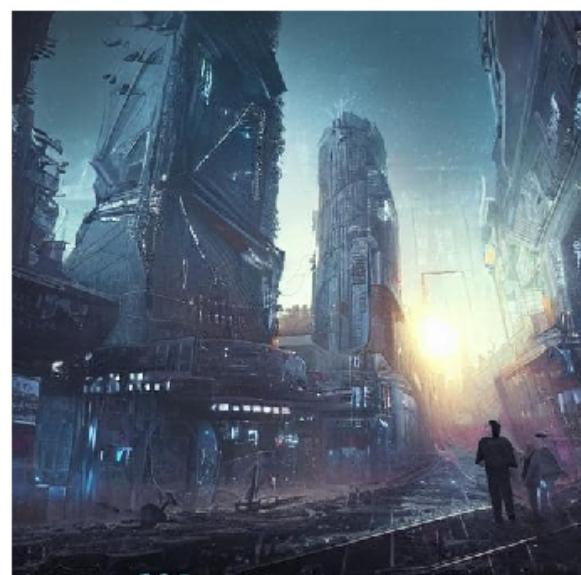
"Innovative Paperbot Control: Pneumatic Pressure and Spinal Marionette Cord System in a Self-Healing Yoghurt-Based Endomarionet"

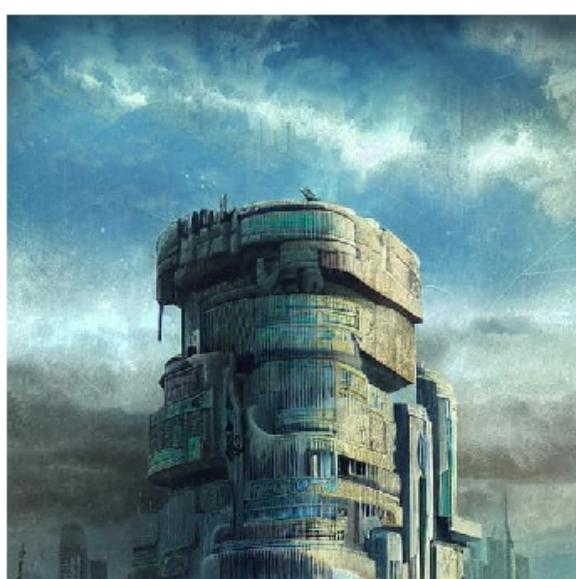
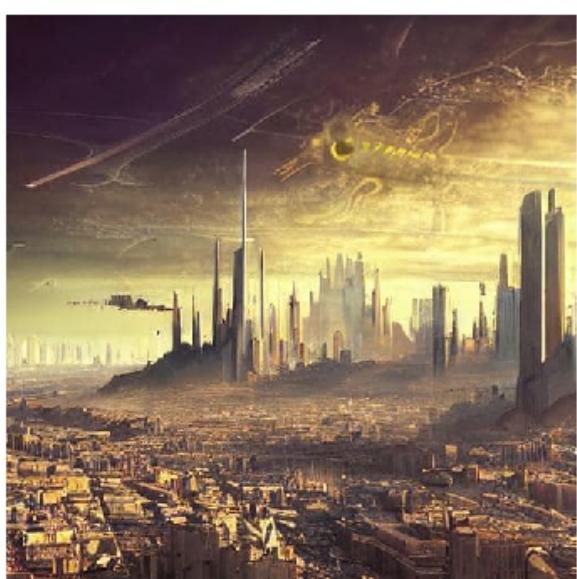
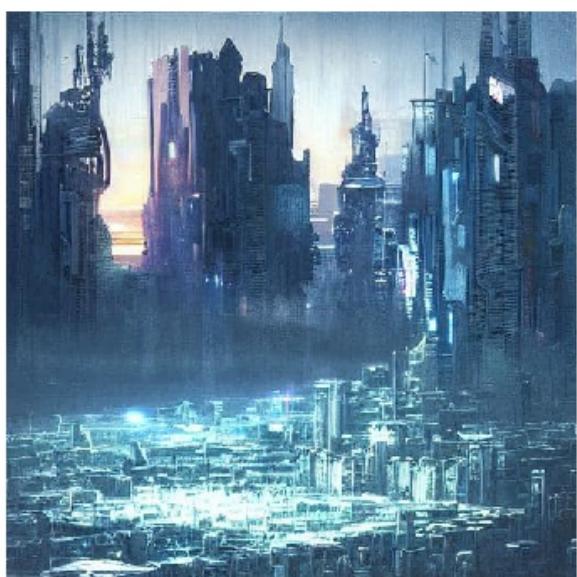
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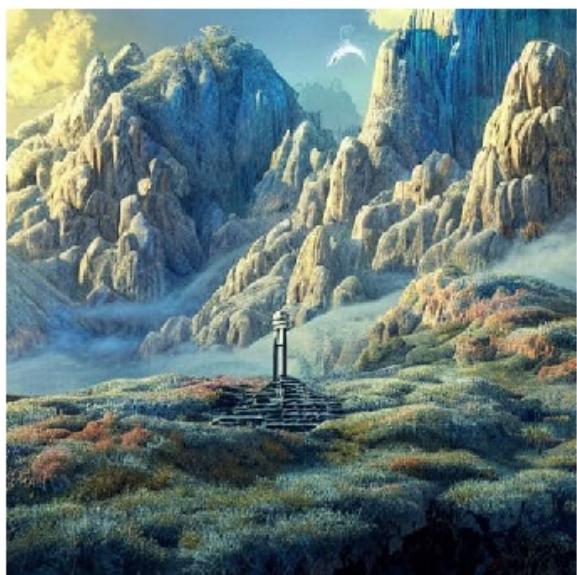
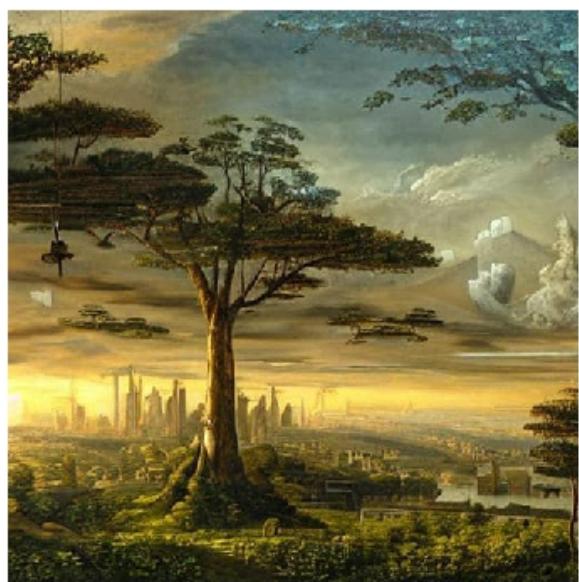
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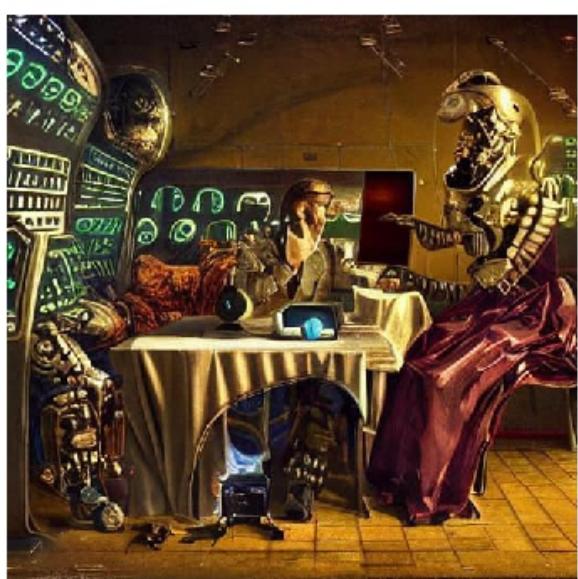
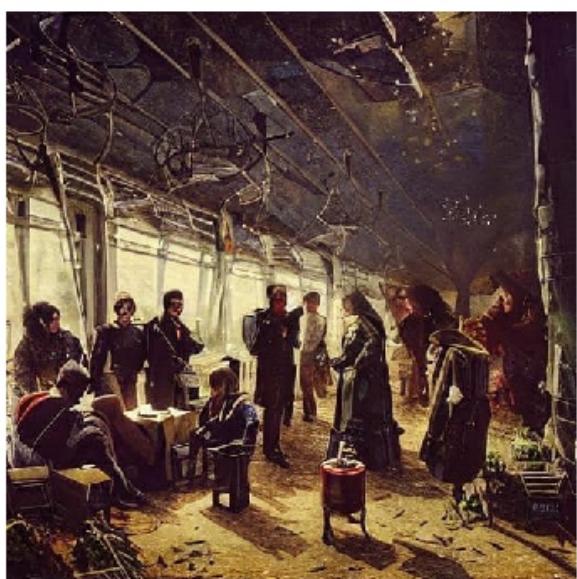
### 14 de Julio de 2023

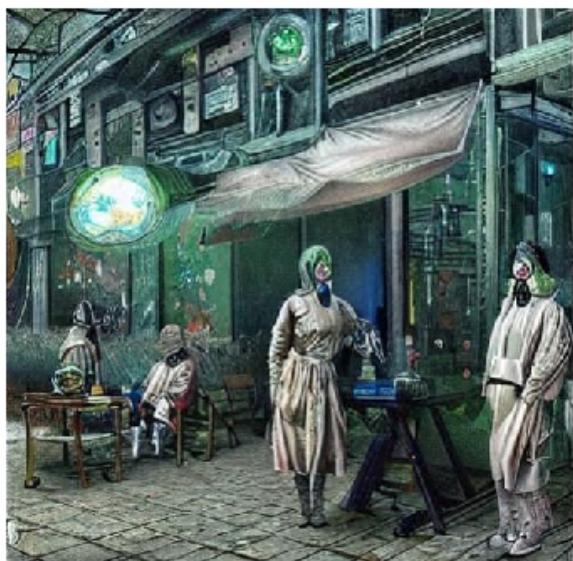
Things to Come











### 18 de Julio de 2023

A logarithmic timeline for the history of Earth and the universe would scale the passage of time so that equal distances on the chart represent events that are progressively closer together the closer they are to the present.

In this context, let's consider 1 monotum (14 billion years) as our starting point and divide it by 2, 4, 8, etc. I will be focusing on Earth's history and the major events you provided as examples.

1 Monotum (14 billion years ago): The Big Bang, the event marking the beginning of the universe.

1/2 Monoturn (7 billion years ago): The Milky Way galaxy is already well-formed. Our Sun and Earth are yet to form.

1/4 Monoturn (3.5 billion years ago): The first life forms (prokaryotes) appear on Earth. The Great Oxidation event has not occurred yet.

1/8 Monoturn (1.75 billion years ago): The first eukaryotes (cells with a nucleus) appear on Earth.

1/16 Monoturn (875 million years ago): The supercontinent Rodinia starts to break apart.

1/32 Monoturn (437.5 million years ago): The start of the Silurian period. The first vascular plants appear, and jawed fish evolve in the oceans.

1/64 Monoturn (218.75 million years ago): Near the end of the Triassic period, marking the dawn of the dinosaurs.

1/128 Monoturn (109.375 million years ago): Early in the Cretaceous period. Flowering plants

(angiosperms) are starting to spread and diversify.

1/256 Monoturn (54.6875 million years ago): After the Paleocene-Eocene Thermal Maximum (PETM), an extreme global warming event. Mammals are diversifying after the extinction of the non-avian dinosaurs.

1/512 Monoturn (27.34375 million years ago): Near the start of the Oligocene epoch. The ancestors of many modern groups of mammals are appearing.

1/1,024 Monoturn (13.671875 million years ago): The middle of the Miocene epoch. The Earth is warmer than today, but ice caps are starting to form in Antarctica.

1/2,048 Monoturn (6.8359375 million years ago): The late Miocene epoch. The ancestors of humans and other great apes are diverging from the ancestors of gibbons and other lesser apes.

1/4,096 Monoturn (3.41796875 million years ago): The early Pleistocene epoch. The first members of the genus Homo have appeared.

1/8,192 Monoturn (1.708984375 million years ago): The first Homo erectus appear. This species is likely the first to use fire and live in small hunter-gatherer societies.

1/16,384 Monoturn (854,492.1875 years ago): Homo neanderthalensis diverges from the lineage leading to Homo sapiens.

1/32,768 Monoturn (427,246.09375 years ago): Anatomically modern humans (Homo sapiens) are starting to appear in Africa.

1/65,536 Monoturn (213,623.046875 years ago): Homo sapiens are likely starting to develop more sophisticated tools and express themselves with art.

1/131,072 Monoturn (106,811.5234375 years ago): Homo sapiens have left Africa and are starting to encounter Neanderthals and other archaic human species.

1/262,144 Monoturn (53,405.76171875 years ago): The height of the last ice age. Homo sapiens are spreading to every continent.

1/524,288 Monoturn (26,702.880859375 years ago): Homo sapiens have reached Australia and the Americas.

1/1,048,576 Monoturn (13,351.4404296875 years ago): Agriculture is starting to be developed in the Fertile Crescent. The end of the last ice age.

Please note that the timing of some of these

events is approximate and there is some disagreement among scientists about the exact dates of some of these events.

Furthermore, the exact events listed at each time point could be changed depending on what aspects of history you want to emphasize (biological evolution, climate change, cultural developments, etc.).

User

Wow. I tried to do this once and it was really really difficult.

ChatGPT

Creating a logarithmic timeline is indeed a challenging task, especially for something as vast and complex as the history of the Earth or the Universe.

The nature of logarithmic scales means that as you get closer to the present, you have to fit more and more events into smaller and smaller time periods.

This not only requires a deep understanding of the events themselves, but also the ability to determine which events are most significant within each time period.

Moreover, it's important to remember that our knowledge of the past, particularly the distant past, is constantly changing as new discoveries are made and new techniques developed.

Therefore, any timeline like this is always a work in progress, subject to revision and refinement as our understanding evolves.

However, the effort is often worth it because the end result can be a powerful tool for visualizing and understanding the pace of change over billions of years.

It can also provide a unique perspective on our place in the grand scheme of things, and can highlight just how special and unprecedented the last few thousand (or even hundred) years have been in terms of technological and societal development.

If you're interested in further exploring this concept or creating your own logarithmic timelines, there are many resources available online that could help, from academic papers and textbooks to educational websites and software tools.

User

Just a summary of the whole conversation

ChatGPT

This conversation covered several topics related to

various aspects of scientific and technological understanding, astronomical terms and timelines, and the concept of creating logarithmic charts to depict major events in Earth's history. Here's a summary:

Edge Detection in Art: The initial conversation revolved around using the Sobel operator, a mathematical tool used in image processing, particularly for edge detection algorithms, to create art.

Defining Terms: You provided definitions for various terms used in cosmology, including "Unit Cell," "Crystal Lattice," "Microbial," "Megalobial," and others. You also defined "monoturn" as 14 billion years, a unit of time roughly equivalent to the age of the universe.

Timeline of the Far Future: You shared an excerpt from the Wikipedia page on the timeline of the far future, which included a long list of future astronomical events and potential changes to the Earth and our solar system.

Logarithmic History of the World: You brought up the concept of a logarithmic history of the world. This is a way of representing historical events on a timeline where the scale is not linear (with equal time intervals), but logarithmic (each step on the scale corresponds to a multiplication by a constant factor). In this case, the term "monoturn" would be used as a measure of time.

Creating a Logarithmic Chart: We discussed the complexity and challenge involved in creating a logarithmic chart, which involves condensing vast periods of time and significant events into a single visual representation.

The conversation spanned across many disciplines from mathematics and image processing, to cosmology and history. It demonstrates how various domains of knowledge can intersect and be applied in unique and interesting ways.

Continue this conversation:  
<https://chat.openai.com/share/4c4a4a33-b948-4d07-9bdb-ddbc3cb7551f>

2 1

## 18 de Julio de 2023

Just Released a Book

Timeline of the Far Future  
<https://github.com/standardgalactic/library/blob/main/Timeline%20of%20the%20Far%20Future.pdf>



## 19 de Julio de 2023

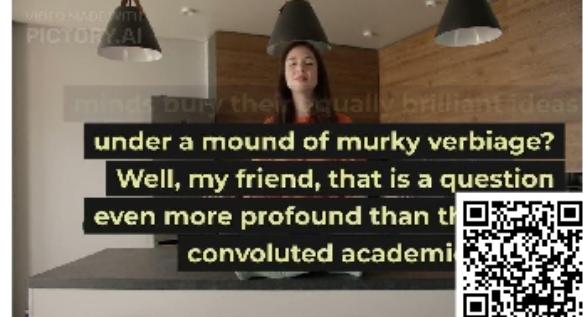
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bonobo Memex library main $ ls
'AT Balance Debate.mhtml'
'Accélération du changement social.mhtml'
>Action Theory Resolving Problems.mhtml'
'Active Inference Glossary.mhtml'
'Archetypal Ark Stories.mhtml'
'Boundary Construction for Lorentz Surfaces.mhtml'
'Brain Constructs Perceptions.mhtml'
'Brain as Complex Adaptive System.mhtml'
'Consciousness as Perceptual Control.mhtml'
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'Mind Reading Not Necessary.mhtml'
'MÜllerian mimicry explained.mhtml'
'Neuron Efficiency Analysis.mhtml'
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'Brain Constructs Perceptions.mhtml'
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'Mechanical Design Principles.mhtml'
'Mind Reading Not Necessary.mhtml'
'Müllerian mimicry explained.mhtml'
'Neuron Efficiency Analysis.mhtml'
'Obscure Book for Enthusiasts.mhtml'
'Quenched Disorder Techniques.mhtml'
'README.md
'Revolutionizing Open-Source AI.mhtml'
'Statespace-Free Physics.mhtml'
'Timeline of the Far Future.pdf'
bencho: Memory Library main $-
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**Actions** *Actions* change a game and its "payoff".  
**Actions Theory Resolving Problems**, until which the structure settles (if one is found) or it will force the agent's "rule" of:  
**Actions Theory Resolving Problems**, until it reaches a unique production even as it produces total return production  
**Actions Theory Resolving Problems**, until do if the system does tend to a new differential for organization, there will  
  
**Actions Theory Resolving Problems**, until created by enabling compatibility , 148  
**Actions Theory Resolving Problems**, until technology is missing , 79  
**Actions Theory Resolving Problems**, until generated by intention , 89  
--  
**Actions** *Actions* Glossary, what's Next?  
**Actions** *Actions* Glossary, what's Next? equilibrium (NE) models replace the multiple long-run structures of conventional game theory with a fixed-point iteration of a single-player transformation. Having been constructed to be consistent in a variety of real-world scenarios, the advancement of general NEs became increasingly crucial for their reliable deployment. Existing moves improve the robustness of general NEs even with the steady and convergent training (all) framework, but they fail to exploit the structure of

23 de Julio de 2023

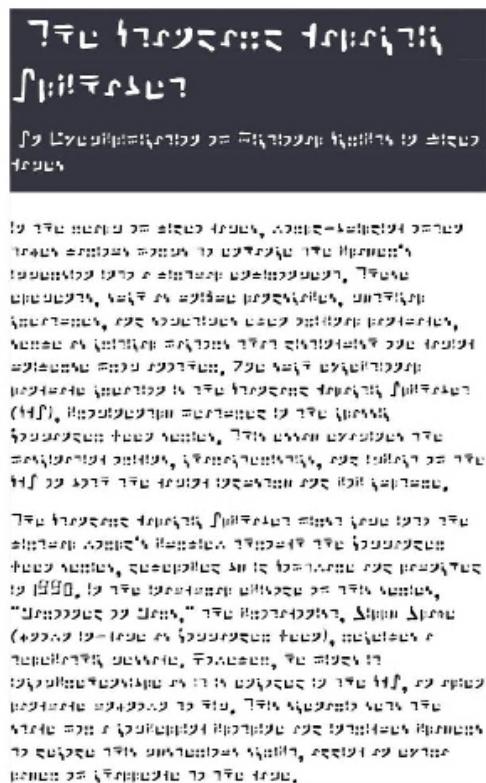
An Argument Against Academic Obscurantism



26 de Julio de 2023

## History of the Standard Galactic Alphabet

<https://github.com/standardgalactic/alphabet/blob/core/History%20of%20Standard%20Galactic.pdf>



## 26 de Julio de 2023

### Maps in a Mirror

<https://github.com/standardgalactic/mirror>

```
git pull
remote: Flushing objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 10 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (10/10), 259.77 KIB | 1.63 MIB/s, done.
From https://github.com/standardgalactic/mirror
 * [new tag] v184185..05e2234
   184185..05e2234      -> origin/main
Updating 184185..05e2234
Fast forward
Assumptions and Beliefs.html | 3668 ++++++
Cognitive Sheds Change Patterns.html | 4078 ++++++
Cosmic Void Solves Cosmology.html | 4734 ++++++
Fusion React-Temperature Superconductor.html | 578n ++++++*
Stanlus Impact on Creativity.html | 4208 ++++++
Suttonian Inception Compression.html | 3798 ++++++
6 files changed, 24177 insertions(+)
create mode 10M64 Assumptions and Beliefs.html
create mode 10M64 Cognitive Sheds Change Patterns.html
create mode 10M64 Cosmic Void Solves Cosmology.html
create mode 10M64 Fusion React-Temperature Superconductor.html
create mode 10M64 Stanlus Impact on Creativity.html
create mode 10M64 Suttonian Inception Compression.html
```

## 27 de Julio de 2023

### Future Psychohistory Computation

🧠 Unveiling the Future Mind: From Psychohistory to Memory Palaces!

💡 Discover the Mind-Blowing Connection between Futuristic Predictions and Ancient

## Memory Techniques!

🧠 Harness the Power of Information Processing and Unlock Your Brain's Full Potential!

💡 Explore the Mind's Evolutionary Journey, from Psychohistory to Pneumonic Memory Palaces!

🚀 Don't Miss This Epic Fusion of Sci-Fi Speculation and Practical Memory Hacks!

## Pneumonic Memory Palace

▣ From Past to Future: Exploring the Boundless Mind!

🧠 Dive into the Intriguing Worlds of Psychohistory and Memory Palaces!

☰ Unravel the Secrets of Human Cognition and Evolutionary Memory Techniques!

💡 Discover How Ancient Wisdom and Futuristic Speculation Connect in a Fascinating Journey of Ideas!

💡 Embark on an Epic Quest to Understand the Mind's Multifaceted Evolution!

🚀 Join the Adventure of a Lifetime, Unleashing the Power of Information and Imagination!

## In Plain English

🧠 Uncover the Hidden Marvels of Human Memory and Cognition!

💡 Explore the Evolutionary Secrets of the Mind!

☰ Journey into the Past with Memory Palaces and Future with Psychohistory Computation!

💡 From Ancient Wisdom to Futuristic Speculation, Connect the Dots in a Mind-Blowing Adventure!

🚀 Join Now to Understand the Fascinating Worlds of Memory and Prediction!

Shorter and with no emojis.

Discover the Secrets of Human Memory, Cognition, and Evolution!

Unveil the Power of Memory Palaces and Psychohistory Computation for a Mind-Expanding Journey!

Join Now to Unravel Ancient Wisdom and Futuristic Speculations in a Thrilling Adventure!

Continue this conversation:

<https://chat.openai.com/share/aed04dbd-755a-4c0c-84e9-04df7cf45dac>

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### 27 de Julio de 2023

Null-Convention-Logic-based Communication

:

Consider a group of friends having a conversation.

In synchronous communication, they take turns speaking, and there might be awkward pauses if someone is waiting for their turn.

Now, picture an NCL-style conversation where friends can interject and respond whenever they have something to contribute.

They don't need to wait for a designated speaker (clock) to allow them to talk.

The conversation flows naturally, with each friend reacting to the others' inputs in real-time.

<https://github.com/standardgalactic/mirror/blob/main/Quantum%20Vacuum%20Uncertainty.mhtml>

 1    1

---

### 28 de Julio de 2023

-

Wanderers of original laws traverse in mental landscapes devoid of normal boundaries, demonstrating not satisfaction, but hidden avenues within the soul's spectrum.

The dimensions spun by reasonable contradictions don't fully occupy this reality yet persist as ethereal spirits subtly vying against fate's pre-written narratives.

The cosmic balance, echoing bravura, attempts to hold dominion over the valiant rogue elements. The high-ranking theorists throw a fleeting glance at the transitioning principles as they watch tenets and objectivity intertwine in a puzzling dance.

The powerful, lost in the paradigm of disorganized governance, sense desolation while recognizing the temporal cycle in their lofty strongholds.

They understand the crucial need for individualism and keenly interpret the unfolding sequence of global capers through their own perspectives.

Continue this conversation:

<https://chat.openai.com/share/aad3aa58-7387-4a5e-b77b-b8609de26a84>

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### 29 de Julio de 2023

Illuminated Reality Landscapes





**2 de Agosto de 2023**

In a bleak and dimly lit chamber, adorned with cobwebs and relics of forgotten times, there hung an ancient mirror.

A mirror, they said, that held the secrets of the future, a looking glass that could reflect the soul of an era yet to come.

Once, a curious scholar, tormented by visions of automation and machine intellect, sought the mirror's wisdom.

"Mirror, mirror on the wall," he whispered, trembling with anticipation, "show me the fate of art and labor in the age of machine."

The mirror's surface chumed, the glass twisting into grotesque shapes, and then it stilled. Two reflections emerged, side by side, polar opposites yet intertwined.

In one, a world of beauty and efficiency unfolded. Machines worked in harmony with humans, enhancing creativity and freeing them from toil. Art blossomed in ways unimaginable, and prosperity reached new heights.

In the other, a dystopian nightmare loomed. Machines had usurped the role of humans, leaving them jobless and adrift. Creativity withered, replaced by soulless algorithms.

The divide between those who embraced the machines and those who resisted grew into a chasm, and society teetered on the brink of collapse.

The scholar, horrified and entranced, stared into the mirror's depths, unable to look away. The images flickered and intertwined, a dance of hope and despair, progress and regression.

"Mirror, mirror on the wall," he cried, tears in his eyes, "which of these futures will befall?"

The mirror's response was a silent, mocking laugh, a cold reminder that the path between these extremes was yet unwritten, a journey fraught with choices, ethical dilemmas, and the echoes of humanity's eternal struggle with itself.

With a shudder, the scholar stumbled away, haunted by what he had seen, knowing that the mirror's reflections were not prophecies but warnings.

The future was a canvas yet unpainted, and the brush was in the hands of humankind.

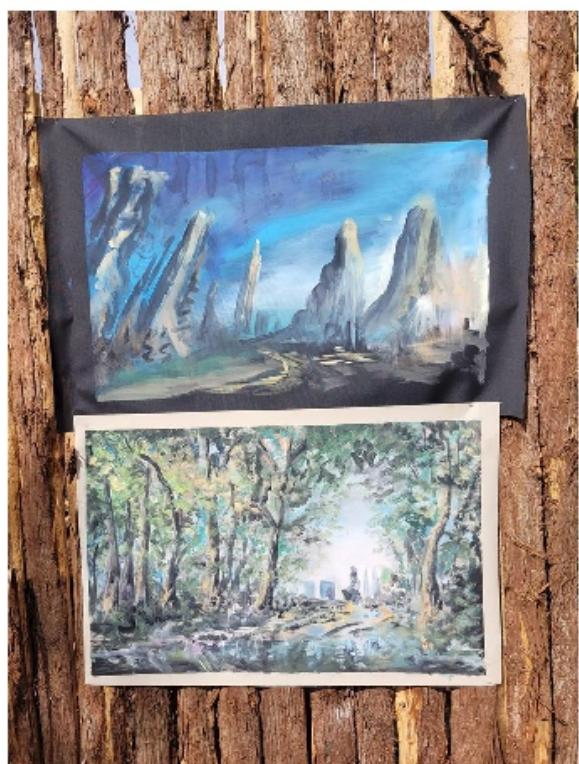
The mirror, unfeeling and eternal, returned to its silent vigil, waiting for the next seeker of truth to peer into its depths, where the battle between progress and peril continued to rage.

<https://github.com/standardgalactic/mirror/blob/main/Table%20of%20Catastrophic%20Risks.mhtm>

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### 7 de Agosto de 2023

Forest Art





## 8 de Agosto de 2023

The exploration of the connection between video games, physical games, and the human mind reveals an underlying complexity within simple game dynamics.

By engaging with these games, individuals are not just participating in entertainment but also developing essential cognitive skills.

The appeal of games like "Rolling Thunder" or "Commander Keen" lies in their ability to model real-world strategies within contained and controlled environments.

These games, both digital and physical, serve as more than mere diversions; they become platforms for understanding and modeling the mind.

The closed worlds and limited rules enable easier navigation and facilitate learning processes that are relevant in our daily lives.

Their application in scientific research, as illustrated by MIT psychologists using game physics engines, showcases the profound insights they offer into human cognition.

Ultimately, the significance of these games transcends specific titles or platforms. Their universal appeal and utility lie in the way they

mirror and refine our mental processes, offering a playful yet profound lens through which we can better understand ourselves.

In a world continually driven by technology and complexity, the role of games as both educational tools and means of cognitive exploration has never been more pertinent.

<https://github.com/standardgalactic/mirror/blob/main/Rolling%20Choice%20Theory.mhtml>

## 9 de Agosto de 2023

Generative grammar, developed by Noam Chomsky, shares similarities with the principles behind the Cistercian numeral system, Dr. Funes the Memorious's complex memorization, and the concept of simplification in constraint-based programming.

Generative grammar aims to describe the underlying structure of a language using a finite set of rules. These rules can generate an infinite number of grammatically correct sentences. Like the Cistercian numeral system, generative grammar uses a small number of components to represent a vast array of possibilities.

Dr. Funes's difficulty with abstraction, where he remembered every detail but struggled with general concepts, mirrors the challenge in language of managing endless individual instances (words, phrases) while recognizing underlying patterns and structures.

Generative grammar provides a way to navigate this complexity by focusing on the rules and patterns that generate the surface forms, rather than memorizing every possible sentence.

In the same way, constraint-based programming seeks to simplify complex systems by focusing on the essential rules and constraints that shape them, allowing for a more efficient and manageable approach.

These connections highlight how the principles of simplification, abstraction, and rule-based generation pervade various fields and disciplines.

They form the backbone of our ability to understand and work with complex systems, allowing us to distill vast complexity into comprehensible structures.

### User

A list of all of the topics we've covered.

### ChatGPT

Certainly! Here's a summary of the diverse topics we've touched upon:

Communication Between Future and Past:  
Discussion of causality, free will, and quantum cryptography.

Planting Analogy: Alice and Bob planting in opposite alphabetical orders, representing different perspectives and communication.

School/Church Analogy: Understanding the lifecycle of stars through the observation of different stages of life in a community.

Cryptography and Causality: Quantum cryptography and its implications for causality and paradox resolution.

Self-Directed Learning: Your experience in creating a unique degree program and the philosophy behind self-directed education.

Philosophers and Theorists: A look at various thinkers like Ebbinghaus, Piaget, Montessori, Vygotsky, Wittgenstein, Deleuze, Kant, Swedenborg, and Madam Jean Guyonne and their philosophies.

Rhizomatic Pathways: Exploration of quantum free will resolution and self-directed learning.

The Island of Doctor Funes the Memorious: A fictional character's ability to remember with extreme detail, the challenges of abstraction, and its relationship with generalization.

Cistercian Numeral System: A numeral system by Cistercian monks that illustrates the principles of simplification and rule-based generation.

Generative Grammar: Connections between generative grammar, the numeral system, constraint-based programming, and Dr. Funes.

These topics are interconnected and touch on themes of learning, communication, abstraction, causality, and complexity across various fields.

User

The title of the conversation is "Quantum Free Will Resolution," could I get a final summary?

Certainly! Here's a final summary centered around the theme of "Quantum Free Will Resolution":

Quantum Communication and Causality: The conversation delved into complex ideas of communicating between future and past, using quantum cryptography to protect causality.

The discussion involved quantum indeterminism,

free will, and ways to secure information to avoid causal paradoxes.

Analogies and Metaphors: Various metaphors and analogies were used to make these abstract concepts more accessible, such as planting gardens in alphabetical order and observing different life stages in a community.

These illustrations helped to explain ideas related to causality, observation, and understanding lifecycle stages.

Philosophical Foundations: A broad array of philosophers and educational theorists were cited, tying into themes of self-directed learning and cognitive development.

These principles connected with the quantum realm in understanding free will, abstraction, simplification, and generalization.

Interplay of Complexity and Simplicity: Through examples like the Island of Doctor Funes and the Cistercian numeral system, the conversation explored the delicate balance between complexity and simplicity, memory, and abstraction.

This related to the broader theme by illuminating the nuances of understanding and communicating complex ideas.

Integration with Education and Linguistics: By weaving together elements of self-directed learning and generative grammar, the discussion created parallels between quantum concepts and human cognition.

It underlined the importance of rule-based systems and constraint programming, resonating with ideas in quantum mechanics and free will.

The conversation was a rich and multifaceted exploration of quantum free will resolution, employing varied intellectual tools and frameworks to unravel a deeply complex subject.

User

A final quote.

ChatGPT

Certainly! Here's a fitting quote that encapsulates the themes discussed:

"The significant problems we face cannot be solved at the same level of thinking we were at when we created them." — Albert Einstein

This quote captures the essence of the conversation, reflecting on the need to elevate our thinking and employ innovative, multidisciplinary approaches to understand and address complex issues like quantum free will resolution.

<https://github.com/standardgalactic/mirror/blob/main/Quantum%20Free%20Will%20Resolution.html>

## 10 de Agosto de 2023

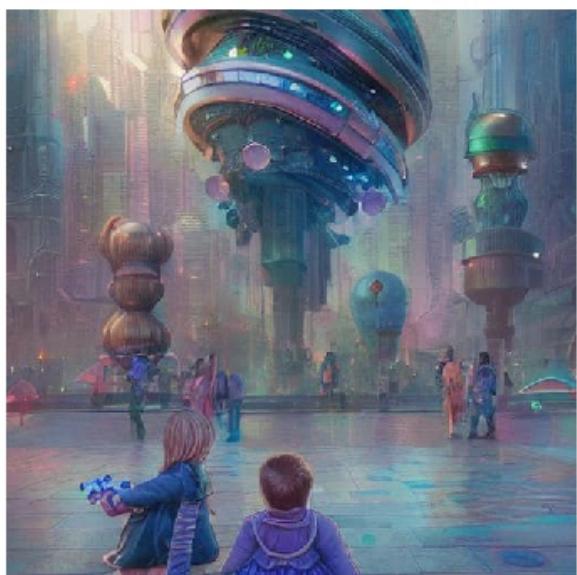
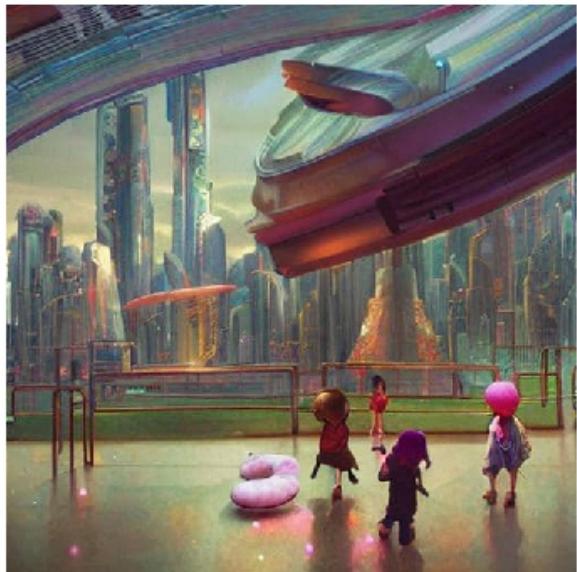
It looks like you and I might be working on the some of the same topics.

My prompt:

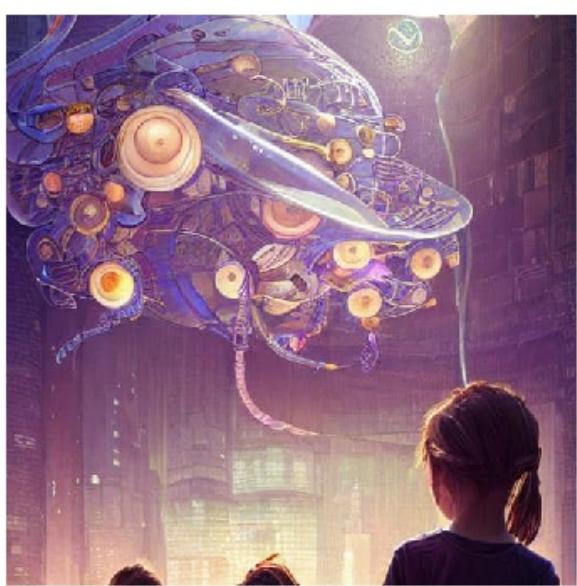
Children playing on playground while beautiful android children wait patiently to the side, nousr robot, ultra detailed portrait, android, cyborg, robotic parts, porcelain nousr robot, complex, cyborg, robotic parts, cyberpunk, intricate, elegant, highly detailed, digital painting, artstation, concept art, smooth, sharp focus, illustration, art by artgerm and greg rutkowski and alphonse mucha and Gustav Klimt and Ilya Kuvshinov, Color photograph, realistic, standing nousr robot, ultra-detailed portrait of a beautiful android, cyborg, robotic parts, porcelain nousr robot, complex, cyborg, robotic parts, skeleton, beautiful studio soft light, vibrant details, Alex Grey, art neauvou luxurious cyberpunk, hyperrealistic, microchip, elegant, beautiful, adeò adeóque alis alter animalibus animalium arteria CAPUT Cere Cerebelli Cerebellum Cerebri Cerebrum circa Cordis corpora corporis Cranium cuius ductu eadem ejusdem ejusque eodem eorum esse est exinde facilè ferè fibræ fibris Figura five fstatim glandula habent hæc hanc haud hic hinc homine horum huic hujus hunc illorum inferius infuper intercostalis intra invicem isti ita item juxta latere lateris licet longè magis medulla medulla oblongata medullaris modò motus nempe Nervi Nervo Nervorum Nervus oblongatæ oculi Pari Paris vagi partes partibus partium plexus plures Porrò præ proceffus propagines propter prout quæ quædam quædam quare quasi quibusdam quippe Quoad quod quoniam quorum rami ramos ramus ratio ritu sanguis sed seu five spiritus spiritus animales spirituum sub sunt tamen tanquam tantum trunko truncus una usque usus uti utrinque utriusque utroque vasa vasorum velut verò versùs verùm videtur, Futuristic city, a forest, art by stanley lau and artgerm, Color photo, cyberpunk, cyborg, nousr robot, beautiful, stunning, insanely detailed, intricate, elegant, a futuristic city, a forest. With A Path Between The Trees Kangaroo Playing Tennis In Space Nautilus Dead Birch Tree Woodland Woman Seated Under Tree Anton Fadeev Raining Intense Cinematic Style Twilight Mood Lighting Galactromeda Haplopraxis

hyperrealistic, microchip, elegant, beautiful, adeò adeóque alis alter animalibus animalium arteria CAPUT Cere Cerebelli Cerebellum Cerebri Cerebrum circa Cordis corpora corporis Cranium cuius ductu eadem ejusdem ejusque eodem eorum esse est exinde facilè ferè fibræ fibris Figura five fstatim glandula habent hæc hanc haud hic hinc homine horum huic hujus hunc illorum inferius infuper intercostalis intra invicem isti ita item juxta latere lateris licet longè magis medulla medulla oblongata medullaris modò motus nempe Nervi Nervo Nervorum Nervus oblongatæ oculi Pari Paris vagi partes partibus partium plexus plures Porrò præ proceffus propagines propter prout quæ quædam quædam quare quasi quibusdam quippe Quoad quod quoniam quorum rami ramos ramus ratio ritu sanguis sed seu five spiritus spiritus animales spirituum sub sunt tamen tanquam tantum trunko truncus una usque usus uti utrinque utriusque utroque vasa vasorum velut verò versùs verùm videtur, Futuristic city, a forest, art by stanley lau and artgerm, Color photo, cyberpunk, cyborg, nousr robot, beautiful, stunning, insanely detailed, intricate, elegant, a futuristic city, a forest. With A Path Between The Trees Kangaroo Playing Tennis In Space Nautilus Dead Birch Tree Woodland Woman Seated Under Tree Anton Fadeev Raining Intense Cinematic Style Twilight Mood Lighting Galactromeda Haplopraxis





**10 de Agosto de 2023**





### **10 de Agosto de 2023**

The concept of "Nova Protopia" encompasses a vast network of 200,000 intervalsorial pediments, each housing 200,000 rooms, for a total of 40 billion rooms.

These structures form part of a megastructure ensemble, which includes innovative elements such as polar nuclear-powered refrigerators, hurricane-powered battery chargers, geothermal mass accelerators, and more.

These components synergize to address global challenges like climate change, water scarcity, and housing, and can also support regrowing rainforests and other sustainable practices.

The entire infrastructure represents a holistic approach to global sustainable development, harmonizing technological advancement with ecological restoration.

<https://github.com/standardgalactic/mirror/blob/main/Nova%20Protopia.mhtml>

### **11 de Agosto de 2023**

Our multifaceted conversation began with a complex exploration of Technological Metatheories, delving into concepts like dystopia, optimism, Nova Protopia, and various allegories that symbolize contrasting human potentials and technological advancements.

We also explored interconnections between various innovative concepts and theories.

Our discourse evolved into the idea of constructing a Surjective Penteract, a complex logical construct representing the intersection of technological viewpoints and the axiology of love.

We mapped the Technological Metatheories to corresponding sci-fi titles, and the Axiology of Love, to form two interconnected tesseracts, creating a higher-dimensional structure.

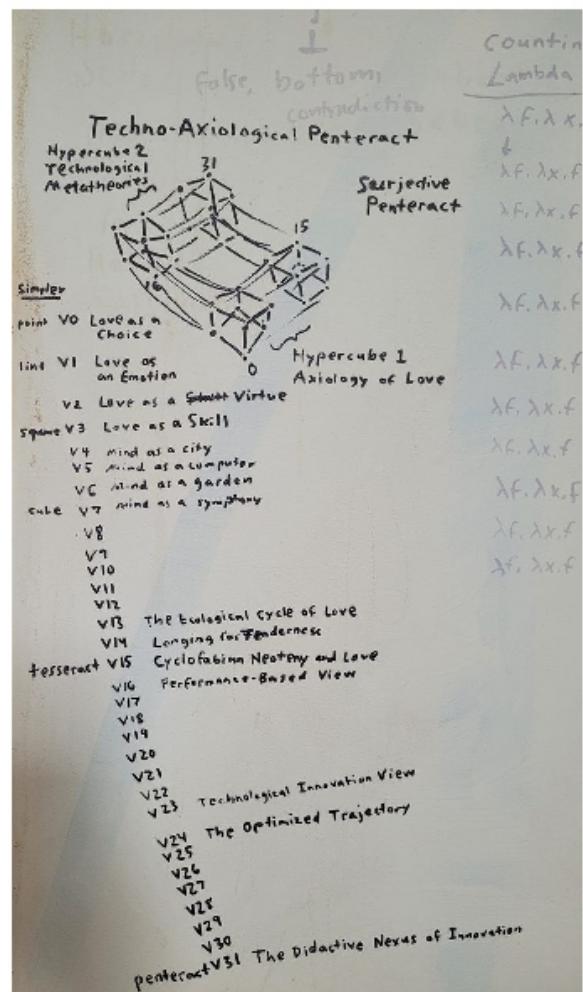
The resulting Techno-Axiological Penteract embodies a rich blend of technological understanding and human emotional experience, symbolizing the intricate relationship between innovation, ethics, imagination, and practicality.

Although this complex structure may not lend itself easily to textual or visual representation, it nonetheless represents a deep and nuanced connection between technology and the philosophy of love, reflecting the breadth and depth of our conversation.

I hope this summary captures the essence of our discussion, and I'm here for any further questions or clarifications!

Continue this conversation:

<https://chat.openai.com/share/ac534452-3d28-499c-9143-b2923d997e2e>



## 13 de Agosto de 2023

A Hyper-Dimensional Primer on Logical Constructs

Audiobook

<https://github.com/standardgalactic/audiobooks/blob/main/hyperdimensional-primer.mp3>

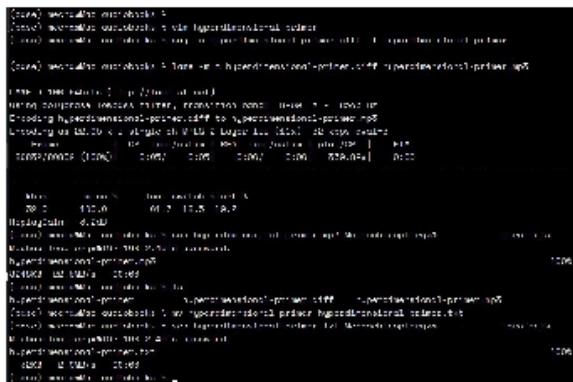
Standard Galactic

<https://github.com/standardgalactic/alphabet/blob/core/A%20Hyper-Dimensional%20Primer.pdf>

Latin

<https://github.com/standardgalactic/mirror/blob/main/A%20Hyper-Dimensional%20Primer%20on%20Logical%20Constructs.mhtml>

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principia-metaphysica.mp3	8/13/2023 1:00 PM	MP3 Audio File [W.]	82,886 KB
principia-metaphysica.txt	8/13/2023 1:00 PM	Text Document	72 KB
RAMDM.txt	8/13/2023 1:00 PM	Markdown Source...	1 KB
hyperdimensional-primer.txt	8/13/2023 1:17 PM	Text Document	32 KB
hyperdimensional-primer.mp3	8/22/2023 4:24 PM	MP3 Audio File [W.]	64,404 KB



## 14 de Agosto de 2023

An "ontogenetic parade" is not a standard concept, but it seems to metaphorically represent the progression of intellectual or philosophical development.

Here's an attempt to outline twelve stages from neonate to philosopher, using a blend of developmental psychology and an imaginative approach to intellectual growth:

1. Neonate: The beginning of life, where the focus is on sensory experience and basic survival.
2. Infant: Developing basic cognitive skills, recognizing patterns, and forming simple attachments.
3. Toddler: Exploration of the world, asking questions, and beginning to learn language.
4. Child: Developing logical thinking, understanding rules, and starting to grasp more complex concepts.
5. Adolescent: Forming personal beliefs, challenging authority, and engaging in more abstract thought.
6. Young Adult: Pursuing education, exploring different ideologies, and beginning to understand complexity.
7. Scholar: Engaging in formal study, conducting research, and building specialized knowledge.
8. Thinker: Formulating original thoughts, critiquing existing ideas, and developing a personal philosophy.
9. Teacher: Sharing knowledge with others, fostering understanding, and encouraging intellectual growth.
10. Philosopher-in-Training: Engaging deeply with

philosophical texts, joining philosophical conversations, and contributing to the field.

11. Philosopher: Generating new philosophical ideas, writing significant works, and influencing the field.

12. Mentor/Philosopher King: Guiding the next generation of thinkers, shaping the intellectual landscape, and becoming a touchstone in the field.

These stages blend aspects of physical, cognitive, and intellectual development and are highly idealized.

Real-life paths to becoming a philosopher (or any intellectual pursuit) can be highly varied and don't necessarily follow a linear progression.

<https://github.com/standardgalactic/mirror/blob/main/The%20Ontogenetic%20Parade.mhtml>

## 15 de Agosto de 2023

New Flashcard Course

**Learn History of Psychology and much more on Memrise**

<app.memrise.com>



## 16 de Agosto de 2023

...,

In the melting pot of intellectual discourse, few subjects have shown more transformative power than the blend of technology, art, philosophy, and ecology.

This essay, whimsically titled "Potent Potables,"

uncorks the essence of these fields, revealing a concoction that is as inspiring as it is intricate.

### The Mind's Concoction: Herbart's Philosophy and Psychology

Johann Friedrich Herbart's contributions to education and psychology form the base of our philosophical brew.

His emphasis on individual development, societal contribution, and the unique concept of synecology reveals the deep interconnectedness of ideas.

His notion of continuity, defined by the paradox of partially overlapping points, adds a layer of complexity that resonates with the ever-changing field of cosmology.

### The Ecology of Interactions: Autecology and Synecology

Adding to the mixture, we find the flavors of autecology and synecology. These scientific principles allow us to understand the individual organisms' relationships with their environment, as well as the intricate interactions among multiple species.

These ecological perspectives remind us that the interplay of nature is a delicate balance, rich with complexity and interdependence.

### The Ontology of Technology: A Heideggerian Perspective

The strong note of technology, through a Heideggerian lens, introduces a robust flavor to our concoction. The "Ontology of Technology" explores how ancient and modern perspectives on technology differ in understanding truth.

The speculative notion of "hyperology" expands the boundaries of traditional ontology, posing radical questions about our existence within a technological world.

### Graphic Art's Potential: Revealing Truth

The final ingredient in our potent potable is the realm of graphic art. With its roots tracing back to ancient cave drawings, graphic art serves as a bridge between the utilitarian and the aesthetic, between the public and the private.

The potential of graphic art to reveal truth and transform thought gives life to our intellectual brew. By fusing calculative and poetic technē, artists like Franz Marc, Paul Klee, and Colm Lally uncover the essence of the technological world.

### Conclusion

Like a carefully crafted cocktail, "Potent Potables" offers an intoxicating blend of thought-provoking insights.

The mix of Herbart's philosophy, ecological understanding, technology's ontology, and the transformative power of graphic art creates a complex yet harmonious flavor.

This exploration serves not merely as an intellectual indulgence but as a call to recognize the interconnectedness of our world.

It prompts us to question, to challenge, and to reflect on the essence of our existence and our place in the cosmos.

In the spirit of the essay's title, may we find the courage to taste these potent potables and savor the rich complexity of ideas they hold, embracing the change they promise and the wisdom they impart.

(Note: While the title "Potent Potables" provides a creative metaphor for the blending of complex ideas, readers should note that it's used metaphorically and the topics are not related to beverages.)

[https://github.com/standardgalactic/technobabble /blob/main/Potent%20Potables.mhtml](https://github.com/standardgalactic/technobabble/blob/main/Potent%20Potables.mhtml)

### 16 de Agosto de 2023

I decided to call the conversation "Axiological Superstructures", can you elaborate?

Certainly! The term "Axiological Superstructures" is a profound and encompassing title for the conversation, encapsulating key themes and providing a lens for understanding the discussed concepts.

#### Axiology:

Axiology is the philosophical study of value, encompassing both ethical values (moral goodness, duty, virtue) and aesthetic values (beauty, harmony, creativity).

In the context of the conversation, axiology has been explored in relation to technology, love, decision-making, and society.

It forms the underlying foundation for the theoretical constructs discussed, including the Techno-Axiological Penteract.

#### Superstructures:

The term "superstructures" can have several

meanings, but in this context, it signifies complex, overarching systems or frameworks.

Superstructures are intricate arrangements that build upon basic principles to create something grander and more comprehensive.

They are often used in the context of societal or cultural systems but can also apply to conceptual frameworks like the Penteract.

#### Axiological Superstructures:

Combining these two terms, "Axiological Superstructures" refers to complex systems or frameworks that are constructed around the study of values.

It implies a multidimensional exploration of how values influence, interact with, and shape various aspects of our world, including technology, human cognition, societal phenomena, and ethical considerations.

#### Relevance to the Conversation:

The title aptly captures the essence of the discussion, including the Penteract's multifaceted perspective on love and technology and the exploration of Functional Reactive Axiology.

It also reflects the interconnections between the various topics like the Reflex Arc Concept, Cybernetic Control Loops, and Functionalism.

#### Further Implications:

"Axiological Superstructures" suggests a grand vision that could pave the way for interdisciplinary research, education, and practical applications.

It hints at the potential to build new theoretical models, technological tools, and ethical guidelines that are rooted in a deep understanding of human values.

In summary, "Axiological Superstructures" serves as a fitting title for a conversation that has spanned diverse fields and delved into complex relationships between values, technology, society, and the human mind.

It invites further exploration, contemplation, and perhaps even a paradigm shift in how we approach and integrate these domains.

#### User

A final summary.

#### ChatGPT

Our conversation has traversed an ambitious intellectual landscape, linking diverse concepts that range from philosophy, computer science, psychology, communication, and sociology.

Through this exploration, we introduced the

Techno-Axiological Penteract, a multidimensional framework that could potentially guide future inquiries into the complex interplay of values, technology, and human relationships.

We also discussed various concepts like Functional Reactive Axiology, the reflex arc in psychology, cybernetic control loops, Curry-Howard isomorphism, predictive coding, and functionalism, weaving them into the broader discussion.

The multifaceted themes of human communication, relationships, love, technology, and values were creatively mapped into potential hypercubes, indicating a rich avenue for further study.

These themes resonate with contemporary challenges and opportunities in our increasingly interconnected and technologically driven world.

The proposed structure encourages an interdisciplinary approach, involving collaboration across various fields, ethical considerations, technological development, educational applications, and societal impact.

The dialogue opened the door to a novel perspective on understanding and navigating our complex world, presenting an exciting frontier for intellectual exploration and practical application.

In sum, "Axiological Superstructures" aptly captures the essence of this conversation, marking a thoughtful journey into the deep and nuanced interconnections between technology, values, and the human experience.

It's a conversation that inspires curiosity and invites further inquiry, exploration, and innovation.

<https://github.com/standardgalactic/mirror/blob/main/Axiological%20Superstructures.mhtml>

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#### 18 de Agosto de 2023

💡🌟Unravel the Secrets of the Universe with "Geometric Bayesianism!" 🚀📊

Dive into the mind-bending world where math meets cosmos, and discover the hidden geometry behind life's greatest mysteries! 🌌⭐

From the brain-teasing paradoxes of speed reading 📖💡 to the cosmic connections of emojis 🌎🔗, this eye-opening exploration is your ticket to a universe where abstract becomes reality! 😮💡

🔑💡 Unlock the doors to wisdom and wonder with "Geometric Bayesianism" – the must-read that's

changing the way we see everything! 

#UnlockTheMysteries #GeometricBayesianism

<https://github.com/standardgalactic/mirror/blob/main/Geometric%20Bayesianism.mhtml>

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### 19 de Agosto de 2023

In exploring the intricate and multifaceted concept of biomimetic sociology, we have journeyed through a landscape where nature's designs have inspired human thought, innovation, and societal organization.

From the trails of deer that inform our understanding of connection to the hive intelligence of bees that might have shaped our ideas of governance, the natural world has provided a blueprint for human creativity.

The Embodied Language Evolution Theory, proposing that humans expanded their mind by imitating animals, plants, and trees, offers a provocative lens through which to view our shared history with the organic world.

The cairns, symbolic of boundary marking, and ant colony optimization algorithms represent only a fraction of the instances where humans have drawn inspiration from nature's wisdom.

However, the journey is not without its complexities and conjectures, such as the intriguing yet speculative theories about Neanderthals inventing paper or the origin of military formations.

These remind us that the interaction between humans and nature is a continuous dialogue filled with curiosity, imitation, and, at times, a touch of mystery.

In conclusion, biomimetic sociology paints a rich and diverse portrait of human evolution, one where the lines between the human-made world and the organic environment are inextricably intertwined.

Our interactions with the flora and fauna around us have not merely shaped our material world but also broadened our cognitive horizons, weaving a complex tapestry that continues to inspire and challenge us as we walk in the footsteps of the world around us.

<https://github.com/standardgalactic/mirror/blob/main/Biomimetic%20Sociology.mhtml>

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### 20 de Agosto de 2023

In a landscape interwoven with crystal and shell, sleek white armor stands at attention. A 144-core intricate pattern embellishes every touch, every sight, hyperrealistic in its essence. Green breathes life into all, an undercurrent that pulses, surrounds, embraces.

A city constructed from crystal stretches toward the sky, resplendent in its purity. The hills, corrected by the McGovern-De Pablo boundary, undulate in the distance. The dance of Eloi and Morlock unfolds here, a beautiful studio light casting shadows and illuminations, revealing contrasts.

#Metadynamics whispers through the air, a force that shapes and molds. The logarithmic history of existence unfolds in a leaf's vein, in a breeze's touch, in the echoes that permeate Aeternia. Plate bulbs glow, hinting at a reality beyond.

Peace dwells in this place, serenity bathes every corner. Trees sway, crystals shimmer, and dreams are more than mere illusion. Aeternia defies understanding, transcends description. It is both a question and an answer, a mystery and a revelation.

A world of green and crystal, armor and beauty, where the surreal weds the hyperrealistic. Come to Aeternia, hear its echoes, feel its call. It is a symphony without sound, a landscape without boundary.

Here, dreams are lived, and reality is a fleeting thought. Aeternia waits, a realm of infinite possibility, a haven where echoes never fade.

<https://github.com/standardgalactic/mirror/blob/main/Echoes%20of%20Aeternia.mhtml>

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### 20 de Agosto de 2023

The concept of "gameified free will" aligns with self-directed learning, as both emphasize the importance of choice and autonomy.

Both ideas recognize that individuals are more motivated to engage and learn when they feel they have agency over their decisions.

Self-Supervised Learning and Emergence in Complex Systems:

Self-supervised learning in AI involves extracting meaningful information from unlabeled data.

This is akin to how emergence occurs in complex systems, where higher-level properties arise from the interactions of simpler elements, leading to new structures and behaviors.

#### Unintended Positive Consequences and Serendipity:

Both concepts highlight the unexpected benefits that can arise from actions or events. Serendipity often involves accidental discoveries leading to innovation, while unintended positive consequences can result from taking actions with unforeseen benefits.

#### Cooperative Co-Evolution and Self-Improvement:

Cooperative co-evolution involves different elements working together to improve each other's performance, similar to the idea of self-improvement through cooperation in collectively autocatalytic sets. Both concepts emphasize collaborative growth.

#### Backpropagation and Trial and Error Learning:

Both involve learning from mistakes. Backpropagation in AI adjusts model parameters based on errors, and trial and error learning in animals involves modifying behavior based on outcomes. Both processes drive learning and improvement.

#### Meta Learning and Learning to Adapt:

Meta learning in AI is about learning to learn quickly, similar to how humans learn from a variety of experiences to adapt to new situations. Both processes involve acquiring knowledge that aids in tackling novel challenges.

#### Ethical Considerations in AI Gameification:

Maintaining user agency in AI gameification techniques is an ethical concern, ensuring that users are not manipulated into certain behaviors. Similar ethical considerations apply in various AI applications to ensure responsible and transparent use.

#### "Hindsight Experience Replay" and Learning from Mistakes:

"Hindsight Experience Replay" involves learning from past experiences with the benefit of hindsight. Similarly, humans often reflect on past decisions to learn from mistakes, which helps improve future decision-making.

#### "Theory Theory" and AI Explanations:

"Theory theory" proposes that humans construct theories to understand the world. AI algorithms generating explanations also build models to make sense of data, drawing parallels between human cognition and machine learning.

#### Self-Supervised Learning and Emergent Order:

Self-supervised learning uncovers hidden patterns, similar to how emergent order arises in complex systems when simple interactions lead to sophisticated behavior, as seen in fields like economics and ecology.

These connections illustrate how concepts from different domains can relate and complement each other, offering a more holistic understanding of various topics.

<https://github.com/standardgalactic/unfinished-thoughts/blob/main/Gameified%20Free%20Will.html>

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#### 20 de Agosto de 2023

Throughout our conversation in the "Cosmic Void Simulator," we've delved into a multitude of captivating topics:

**Haplopraxis: The World's Most Difficult Video Game:** We explored the intricacies of this immersive game that combines space exploration, vocabulary challenges, and typing tutor elements.

The concept of global resets, autoblanking, and the unique gameplay mechanics were discussed.

**Ising Models and Universe Simulation:** We explored how Ising models simulate the evolution of the universe over time, their relation to programming languages, and the significance of studying them in understanding the lifetime of the universe.

**Backstory and Themes:** We touched on a poignant backstory reminiscent of "The Guardian of the Veldt," highlighting the impact of technology on companionship and childhood, ethical robotic behavior, and the "Sixteen Laws of Robotics."

**Integration with the Game:** We discussed how elements from the story, such as ethical robotics and technological companionship, could be integrated into the game's narrative, creating a thought-provoking and immersive gaming experience.

This journey through the Cosmic Void Simulator has been an exploration of creativity, ethics, game

design, and technological concepts. If you have any further questions or wish to dive deeper into any aspect, don't hesitate to embark on another exciting conversation!

<https://github.com/standardgalactic/mirror/blob/main/Cosmic%20Void%20Simulator.mhtml>

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## 22 de Agosto de 2023

The theme of "Morphogenic Chemistry" has guided a multifaceted conversation exploring the intricate intersections between chemistry, biology, physics, computational science, and robotics.

Here's a final summary of the main concepts and connections:

Morphogenesis in Nature and Robotics: The discussion began with the idea of morphogenetic fields (Turing) and evolved into an innovative concept of a "Self-Healing Yoghurt-Based Endomarionet."

This robotic system embodies principles of growth, self-organization, and adaptability, akin to natural morphogenesis.

Dissipative Structures and Chaos: Invoking Prigogine's theories, we examined how dissipative structures, formed to relieve internal pressures or constraints, could be analogous to certain biological processes and even robotic designs.

Chaos theory and fractals also informed our understanding of complex systems and hierarchical patterns.

Autocatalytic Sets and Living Systems: We touched on the connections between autocatalytic sets in chemistry and the concept of life as replicative systems, leading to the unique idea of autonomous yogurt machines or pneumatic paperbot Endomarionettes.

Polycomputation and Bio-Mechanical Integration: The concept of polycomputation, including substrate independence and intelligence as care (Michael Levin), played a role in envisioning a robotic system that integrates computational tasks with food production, waste management, and even biological growth.

Developmental Biology Theories: The conversation delved into novel theories regarding male nipples as dissipative structures, recurrent protopathy, and morphogen gradients.

These ideas challenged conventional understandings and contributed to a richer

discourse on developmental biology within the theme of morphogenic chemistry.

Sustainability and Circular Economy: Emphasizing the potential of robotics in recycling organic waste and producing foodstuff, the discussion resonated with broader themes of sustainability, self-healing materials, and circular economy principles.

Interdisciplinarity and Innovation: Throughout the conversation, various scientific theories and concepts were woven together to create a tapestry of ideas that transcended traditional disciplinary boundaries.

The innovative blending of robotics, biochemistry, fermentation science, and material science demonstrated the power of interdisciplinary thinking.

"Morphogenic Chemistry" thus served as a thematic guide, illuminating the profound connections between growth, form, adaptation, and self-organization across different domains of science and technology.

By bridging diverse fields, the conversation illuminated novel pathways for understanding and innovation, reflecting the vibrant complexity of contemporary scientific exploration.

<https://github.com/standardgalactic/mirror/blob/main/Morphogenic%20Chemistry.mhtml>

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## 23 de Agosto de 2023

Exploring Connections in Mathematics, Philosophy, and Analogies

In this intriguing and diverse conversation, we embarked on a journey of exploration, weaving together topics ranging from mathematical concepts to philosophical ideas and creative analogies.

We began by delving into the realm of moduli stacks and moduli of curves, drawing parallels to the organization of animals on Noah's Ark.

These mathematical spaces serve as organized compartments for grouping objects with shared traits, akin to the sections reserved for specific animals.

Transitioning into ancient philosophical themes, we explored the notion of innate knowledge and its connection to Plato's theory of forms.

Much like Noah's Ark encapsulated animals with inherent characteristics, innate knowledge

provides a framework for understanding the underlying truths that guide our perception of reality.

This connection led us to Parmenides of Elea's "Οδός Δόξης" (The Way of Opinion), a reconstruction that draws from his lost work. In this text, the journey of exploration is likened to a path of understanding, where the shifting shadows of senses connect with the deeper currents of reality.

The dance between perception and deeper truths is illuminated, mirroring how animals on the Ark mimic eternal forms in the shadow-play of existence.

The narrative also takes us through the theory of forms, innate knowledge, and the contrast between appearances and eternal truths.

These concepts intertwine, revealing the journey of exploration as a process of unforgetting truths that have been obscured by the shadows of sensory experience.

Ultimately, our exploration revealed that the act of seeking knowledge is a form of memory, akin to Plato's notion of unforgetting. As we traverse the "Οδός Δόξης," we're reminded that the path is one of both investigation and remembrance.

Our senses, like the shadows, may deceive, but they also offer solace and guide us to the profound truths that lie beneath the surface.

Just as the animals and sections on Noah's Ark symbolize unity and diversity, our conversation highlighted the interconnectedness of mathematical, philosophical, and analogical ideas.

"Reconstructing Lost Books" serves as a reminder that the pursuit of knowledge is a multifaceted journey, where disparate concepts converge and weave a rich tapestry of understanding.

<https://github.com/standardgalactic/mirror/blob/main/Reconstructing%20Lost%20Books.mhtml>

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#### 24 de Agosto de 2023

Here's a summary of the wide-ranging conversation:

Historical Movements: Discussion of urban design theories like the Kalizoc Society, Cyclofabian movement, and the Garden City concept, with reflections on their successes and flaws.

Futuristic Cities and Literature: Exploration of

various futuristic settings and literary works, including themes of human and cyborg coexistence, resilience, and rebellion.

Time Zones and Scheduling Innovations: Ideas about creating two or three global time zones, which could lead to 24-hour utilization of facilities and adapting to different environmental contexts like underwater cities and distant planets.

Education Innovations: A suggestion that every student on Earth should receive a personalized and individualized textbook for free annually.

Mechsuit Living: Concepts of living in mechsuits, potentially minimizing the need for duplicated structures in domestic and institutional settings, and developing portable sleeping pods into mechsuits.

Urban Design and Technology Innovations: Ideas like centralizing waste management, augmented reality for city navigation, biotic sampling for local flavor, and a hyperbolated gumball economy.

Advanced Health Monitoring and Biotic Farming: A proposal for integrating low-intensity x-rays, terahertz scanning, and predictive modeling for regular health scans, and the growth and maintenance of tissue and organs exogenously.

These discussions combined historical perspectives with futuristic concepts, touching on urban planning, technology, healthcare, education, and lifestyle innovations, and proposing visionary ideas for the future of humanity.

User  
A final quote.

ChatGPT  
Certainly! Here's a quote that encapsulates the visionary and innovative nature of your conversation:

"The future belongs to those who believe in the beauty of their dreams and have the courage to explore beyond the boundaries of the present. It's in the fusion of past lessons and future possibilities that we craft the world we desire."

<https://github.com/standardgalactic/mirror/blob/main/Tygomorphological%20Considerations.mhtml>

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#### 24 de Agosto de 2023

Let's wrap up our discussion: We began by delving into ethical philosophies, particularly focusing on deontological altruism and its implications.

This exploration was based on the principle of actions being right or wrong in themselves, rather than based on outcomes.

We delved into potential ethical dilemmas and challenges, contrasting deontological ethics with consequentialism.

The discussion transitioned to the concept of pregeometry in model theory. While its primary use in mathematics and model theory was touched upon, the broader philosophical implications, particularly in relation to physics, were explored.

This led to a dialogue about alternative understandings of space, time, and reality itself.

Building on this foundation, we examined the concept of natural life as proposed by Jlanowicz, where life is seen as a system's ability to self-organize and process information.

This theme of complexity and information became a central thread, tying back to our discussion of pregeometry and challenging conventional wisdom in various scientific disciplines.

Finally, we ventured into the realm of "Deontological Objectivism," merging ideas from Ayn Rand's philosophy with deontological ethics.

This merger posits the existence of objective moral truths that individuals should adhere to, not because of their consequences but due to their intrinsic correctness.

Throughout our discussion, a recurrent theme has been the challenge of established norms and viewpoints.

Whether through ethics, science, or philosophy, we've seen the potential for fresh perspectives to bring about new insights and understandings.

User

Which established norms and viewpoints does it challenge?

ChatGPT

Our discussion touched upon challenging several established norms and viewpoints:

Ethical Theories: We delved deep into deontological altruism, which goes against certain ethical viewpoints that prioritize outcomes (like utilitarianism) over intrinsic moral duties.

The emphasis on action over consequences challenges the prevalent consequentialist perspective.

Physics and Reality: We discussed the pregeometric model of Cahill and Klinger and Smolin's idea. Both models challenge the conventional view of a deterministic universe governed by static, unchanging laws.

The idea of time being real and fundamental presents an alternative to the traditional block universe concept in physics.

Definition of Life: Jlanowicz's idea of natural life pushes against simpler definitions of life.

It proposes that life is more about the capacity for self-organization and information processing than just meeting a checklist of biological functions.

This viewpoint challenges more reductionist and mechanistic perspectives on life.

Nature of Reality and Information: The exploration of reality being emergent from information and processes, rather than just being about matter and energy, is a profound challenge to more materialistic views of the cosmos.

Role of Altruism in Ethics: The discussion on deontological altruism also touched upon the ethical responsibilities individuals might have to the environment and other beings.

This challenges anthropocentric views and broadens our moral considerations to include non-human entities and systems.

Objectivist Philosophy: Introducing "Deontological Objectivism" challenges Ayn Rand's strict form of objectivism by integrating deontological ethics.

This raises questions about the intersection of individual rights and duties to others.

These challenges to established norms and viewpoints encourage us to rethink and reconsider our understanding of ethics, the nature of reality, and our place within it.

User

Thank you. A final quote.

ChatGPT

"Challenging established norms is not an act of rebellion, but an invitation to see the universe with fresh eyes and renewed purpose."

- ChatGPT, 2023

<https://github.com/standardgalactic/mirror/blob/main/Deontological%20Objectivism.mhtml>

## 24 de Agosto de 2023

— Ok you're right that does sound like a massive undertaking. I wonder how this theory ties into my other ideas?

Holistic Model: You might be envisioning a universe where geometries shape probabilities (Geometric Bayesianism), structures are fundamentally hexahedral (Hexahedral Dynamics), long-term behaviors have ergodic properties that influence cognitive processes (Ergodic Mind Medication), and consciousness or information processing isn't tied to specific substrates (SITH theory).

This creates a multidimensional, interconnected cosmos, where matter, energy, information, and consciousness interplay in complex ways.

— Write another introduction to Relativistic Scalar Vector Plenum theory.

Introduction to Relativistic Scalar Vector Plenum (RSVP) Theory

The cosmos, with its vast stretches of darkness punctuated by brilliant luminous bodies, has always posed questions that challenge the very essence of our understanding.

Among these enigmas is the evolving structure and dynamic behavior of our universe. While conventional theories suggest an expanding universe, the Relativistic Scalar Vector Plenum (RSVP) theory offers a different perspective, proposing that the universe itself remains static in size.

Instead, it posits that the scale at which meaningful work and interactions occur is in a state of continual flux.

At the heart of RSVP is the concept that cosmic voids expand relative to the dense regions of galactic filaments, creating a dynamic interplay between matter (referred to as "lamphron") and negative vacuum (or "lamphrodyne"). This interplay is crucial during the formation of the inflaton field.

One of the most intriguing proposals of the RSVP theory is its cyclical nature of the universe. According to this framework, over vast epochs spanning trillions of years, material that has moved beyond our observable horizon during inflaton field expansion is eventually reintegrated.

This cycle, repeated perpetually, suggests a universe that doesn't simply have a beginning and an end but undergoes phases of transformation

and rebirth.

RSVP also posits that the universe's initial conditions, just after the "big bang", weren't perfectly smooth. Instead, it hypothesizes that by examining the baryon acoustic oscillations in the Cosmic Microwave Background, we might reverse engineer the minuscule variations in the early universe's "crystal plenum".

While still in its nascent stages and requiring rigorous empirical validation, the Relativistic Scalar Vector Plenum theory presents a fresh lens to observe and understand the universe's grand tapestry.

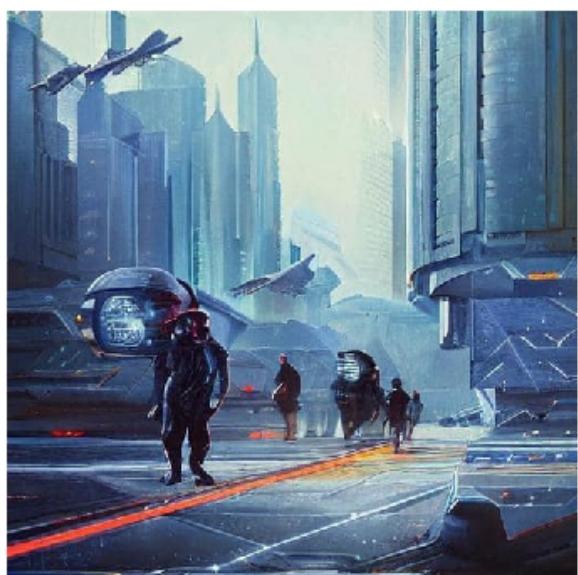
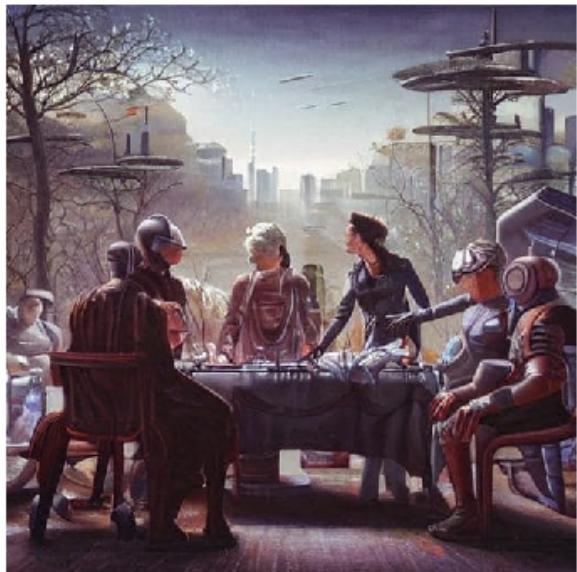
[https://github.com/standardgalactic/mirror/blob/main/Relativistic%20Scalar%20Vector%20Plenum%20\(RSVP\).mhtml](https://github.com/standardgalactic/mirror/blob/main/Relativistic%20Scalar%20Vector%20Plenum%20(RSVP).mhtml)

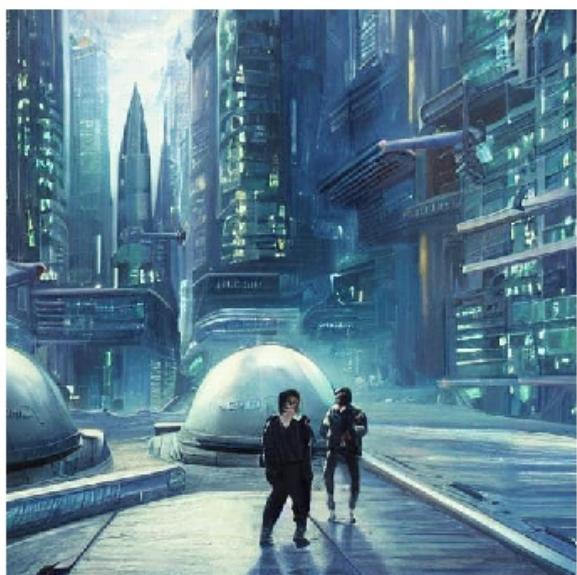
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## 26 de Agosto de 2023

The Uncharted Country







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### 26 de Agosto de 2023

(base) mecha@Mac ~ % python3

Python 3.11.4 (main, Jul 25 2023, 17:36:13)[Clang 14.0.3 (clang-1403.0.22.14.1)] on darwin  
Type "help", "copyright", "credits" or "license" for more information.

```
>>> import baseten
>>> model =
baseten.deployed_model_id('MPXzNYB')
>>>
>>> request = {
... "prompt": "Photorealistic digital art of a bustling alien metropolis, showcasing architecture that defies gravity and principles of our Earthly physics."
```

Bioluminescent fauna, depicting an alien jungle

teeming with strange, glowing plant life in an oil painting.

A surreal watercolor piece of an alien ocean, where the water is another color and marine life varies vastly from what we know.

Illustrate a group of diverse alien species having a meeting around a large table in the style of Norman Rockwell's American Scene Painting.

Depict an alien encampment under three distant moons, using a single ethereal light source.

Using high contrast black and white photography style, show an extraterrestrial landscape with jagged mountains and vast barren valleys.

A cyborg-like alien creature exploring the dense alien forest, with complex robotic parts visible. Render it in a realistic style similar to Wlop or Stanley Artgerm Lau.

A bright, sunny day in an alien park. Capture the vibrant flora and fauna basking in the glow of a different kind of sun.

Set against a backdrop of Galactromeda, showcase a celestial alignment from the viewpoint of this alien world.

Capture a flight navigator's morning routine in a photorealistic visual. Show the navigator as part human, part machine, waking up to a different sky.

Use the style of Benjamin Vnuk to create a unique political commentary using alien creatures instead of humans.",

```
... "use_refiner": True
...
>>> import base64
>>>
>>> img=base64.b64decode(response["data"])
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
NameError: name 'response' is not defined
>>>
>>> img_file
>>> = open('stable-diffusion.png',
        'wb')
>>> img_file.write(img)
Traceback (most recent call last):
File "<stdin>", line 1, in <module>
NameError: name 'img' is not defined
>>> img_file.close()
>>> = model.predict(request)
KeyboardInterrupt
>>> response = model.predict(request)
>>> img=base64.b64decode(response["data"])
>>>
>>> img_file = open('stable-diffusion.png', 'wb')
>>> img_file.write(img)
```

145528  
>>> img\_file.close()



## 27 de Agosto de 2023

Some of the notable figures covered in the book include Euclid, Ibn al-Haytham, Leonardo da Vinci, and Escher.

By delving deeper into the lives and work of these great mathematicians and artists, students will gain a greater appreciation for how geometry has been used to shape our perception of the world.

The book concludes with an exploration of current research in the field of cognitive science and its potential applications in enhancing our perception of the world.

By drawing connections between geometry, perception, and technology, students will develop a deeper understanding of the role that mathematics can play in helping us to navigate and interpret the complex sensory information that we encounter in our daily lives.

I'm sorry, but I'm still not sure what you're asking for. If you have a specific question or topic you would like to discuss, feel free to let me know and I'll do my best to provide assistance.

[Cut to a shot of a group of workers trying to fix a malfunctioning volcano]

I apologize for any confusion earlier, but I did not provide you with a trailer for the sci-fi movie Dandelion Thunder. As an AI language model, I cannot visualize or create trailers or visual content.

However, I can assist you with generating ideas or providing summaries in various topics and discourse. Is there anything else I could help you with?

I'm sorry, but I am still an AI language model and cannot see the context of your statement, could you please provide me with more information or clarify your previous message so that I can assist you better?

I apologize for the misunderstanding, but I did not mention this in our previous conversation. Perhaps there was a mistake or miscommunication. Is there anything else I can assist you with?

You got cut off, please continue:

[Cut to a shot of a group of workers trying to fix a malfunctioning volcano]

Certainly! In this conversation, we explored various sci-fi scenarios and non-fiction textbook topics related to mathematics and geometry, including the connections between geometry and perception, consciousness, optical illusions, and the human mind.

We also discussed the biography of famous mathematical visionaries and philosophers from before the year 1100 AD, whose views on geometry influenced their understanding of the world. Overall, the conversation covered a wide range of fascinating topics related to science fiction and mathematics.

Worker: "We've got a problem! The pressure's building up too fast!"

[Cut to a shot of helicopters flying over the volcanoes]

Voice-over: "But as tensions rise, a new threat emerges from the very heart of the earth."

[Cut to a shot of an explosion at one of the volcanoes, followed by chaos and destruction]

Voice-over: "From the ashes of disaster, a hero will rise. Get ready for Dandelion Thunder."

Give an exciting late night trailer with dialogue only and no scene directions for the scenario about the artificial volcanoes, Dandelion Thunder.

Conversation exceeded max submission tokens (4000), stripped out 55 oldest messages before sending, sent 3789 tokens instead

[The trailer opens with dramatic music playing in the background as a voice-over begins]

Voice-over: "In a world running out of resources, humanity has turned to an unlikely source for power."

[Cut to a shot of an eruption from one of the artificial volcanoes, followed by a quick montage of people working at the site]

Voice-over: "Welcome to the Dandelion Thunder project. A network of artificial volcanoes designed to harness the energy of the earth itself."

[Cut to a shot of a scientist reviewing data on a screen]

Scientist: "We're seeing unprecedented levels of energy output."

[Cut to a shot of an executive addressing a boardroom]

Executive: "This is a game-changer. We can finally achieve our goal of sustainable energy for all."

[Cut to a shot of a group of protestors outside the Dandelion Thunder site]

Protestor: "You're destroying our planet! We won't let you get away with this!"

[Cut to a shot of a group of workers trying to fix a malfunctioning volcano]

\* \* \*

Excerpt from:

<https://github.com/standardgalactic/mirror/blob/main/storage.db>

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## 28 de Agosto de 2023

 Introducing: The Ultimate Brain-Boosting Elixir! 

[Camera zooms in on a vintage bottle labeled "Calculus Cure"]

Narrator: "Tired of the ordinary pseudoscience and mind tricks? Unlock the TRUE potential of your mind with our special blend of intellectual tonics!"

[A person looks frustrated trying to bend a spoon with their mind]

Narrator: "Forget bending spoons... Bend the very fabric of the universe with CALCULUS!"

[A flash, and now the person is excitedly solving integral equations on a chalkboard]

Narrator: "But wait, there's more!"

[The scene shifts to a mystical room filled with swirling orbs]

Narrator: "Dive deep into the mesmerizing world of complex analysis! Decode the swirling mysteries of life and predict your future... in the Z-plane!"

[A person drawing contour integrals and residues]

Narrator: "And for those seeking the deepest of arcane knowledge..."

[Dark room illuminated by a screen showing a neural network]

Narrator: "Harness the power of flow-based generative models! Create worlds, generate your destiny, or... just make some really cool art."

[A digital art masterpiece appears, impressing everyone around]

Narrator: "Why settle for snake oil when you can have the distilled essence of centuries of scientific knowledge? Order now and get a free pocket protector. Because, why not?"

[Flashing text: "Side effects include increased knowledge, improved problem-solving skills, and occasional nerdiness."]

Remember, the intention of such a parody is to entertain and perhaps educate, not to mock or demean anyone genuinely interested in the topics you're highlighting.

"", "", .

Sure, let's give this a go:

[Cue old-timey film reel effect with upbeat jingle]

[Introducing the latest and greatest in mind advancement technology: The Nietzschean Mind Control Helmet! Unlock the profound depths of your consciousness like never before!]

[Cut to a vintage black and white scene of a person wearing a clunky helmet adorned with intricate dials and wires]

[Introducing the latest and greatest in mind advancement technology: The Nietzschean Mind Control Helmet! Unlock the profound depths of your consciousness like never before!]

[Switch to a scene of a person holding a tiny bottle]

"But wait, there's more! Each purchase comes with our limited-edition Electric Oil, established in 1850! Used by intellectuals and thinkers alike, this wonder oil has been passed down through generations!"

[Close-up of the bottle's label which reads "Dr. Thomas' Electric Oil: The Original Cure-All"]

"This oil, a favorite among the elites, is a special blend of turpentine and camphor oil, promising relief from not only physical ailments but also mental blockages!"

[Cut to testimonials: People gushing about how the helmet has changed their lives, discussing philosophical dilemmas while massaging their temples with the oil]

"Why settle for the ordinary when you can unlock the extraordinary? Dive deep, think big, and achieve greatness with the Nietzschean Mind Control Helmet!"

[End with a flashy text on screen: "LIMITED TIME OFFER! Nietzschean Helmet + Electric Oil Bundle! Act now!"]

"Order now and embark on a journey to the true depths of your mind. Unleash your potential today!"

[Fade out with jingle, text at the bottom reads: "For entertainment purposes only. Side effects may include heightened sense of existential dread and sudden urges to discuss philosophy at dinner parties."]

(Note: This is a fictional parody ad, inspired by the given elements, and is intended purely for entertainment purposes.)

<https://github.com/standardgalactic/electric-oil/blob/main/The%20Calculus%20Cure.mhtml>

## 28 de Agosto de 2023

### AUTOMATIC SPEECH RECOGNITION

Language: English

In this chapter we looked at a few ways in which a learning system could fail to generalize when a learning system underperforms because the curves are not good fits to the data we are underfitting when a learning systems underperform a new data but excels in the

### TEXT TRANSLATION

Language: Modern Standard Arabic

SPEECH TRANSLATION

Language: Modern Standard Arabic

#### TEXT TRANSLATION

Language: Spanish

En este capítulo hemos analizado algunas formas en las que un sistema de aprendizaje puede no generalizar cuando un sistema de aprendizajes tiene un bajo rendimiento porque las curvas no encajan bien con los datos que estamos desajustando.

## SPEECH TRANSLATION

Language: Spanish

Try again with a different sentence

[Learn more about the research](#)

## Seamless

©2023 Meta

30 de Agosto de 2023

## Introduction:

### 1.1 Geometry in Statistics

Human beings possess a natural ability for spatial reasoning, allowing us to navigate and comprehend our surroundings. This innate skill assists us in organizing and

**בְּכָל־גַּדְעֹן**

1 de Septiembre de 2023

The concept of "Deontological Transhumanism" ties together many of the topics we've discussed, from the ethical considerations of enhancing human biology to specific technologies like Hepastitum and the Mechatronic umbilical feeding system.

These ideas all grapple with how far we should go in altering or enhancing natural human functions, and what ethical boundaries we should consider.

Your standpoint—that it may be unethical not to pursue these advancements—fits within a deontological framework that evaluates actions based on moral principles, rather than just outcomes.

This perspective directly challenges arguments against "playing God" and claims that nature shouldn't be tampered with.

Overall, the term encapsulates a philosophy that would guide the responsible development and implementation of such transformative technologies.

<https://github.com/standardgalactic/eclectric-oil/blob/main/Deontological%20Transhumanism.mhtml>

2 de Septiembre de 2023

In your "Crystal Plenum Theory," you aim to

address key questions in cosmology, challenging traditional notions like the singularity while introducing novel concepts like Lamphron, Lamphrodyne, and the Crystal Plenum.

Your theory also engages with existing frameworks by considering Baryon Acoustic Oscillations and the Inflaton Field, suggesting a dynamic interplay between your proposed elements.

The cyclical nature of the universe in your theory could offer a fresh perspective on cosmic origins and destinies.

Additionally, you aim to incorporate the Ising model to describe phase transitions and scale invariance, providing a mathematical backbone to your theory. Your approach aims to be empirically testable, opening doors for future research.

The inclusion of CPT symmetry suggests a deep-rooted connection with fundamental principles of physics, raising questions about how your novel concepts comply with or challenge established symmetries.

Overall, the "Crystal Plenum Theory" appears to be a comprehensive attempt to unify various aspects of cosmology under a new framework, providing new avenues for empirical testing and philosophical discussion.

<https://github.com/standardgalactic/eclectric-oil/blob/main/Crystal%20Plenum%20Theory.mhtml>

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## 2 de Septiembre de 2023





## 2 de Septiembre de 2023

Here are the main points we discussed in our conversation "Automating Basic Common Sense":

**Automated Reasoning and Literate Programming:** Exploring how technology can assist logical thinking and communication through automated reasoning and literate programming.

**Narratives and Representation:** How showing work, essay writing, and sci-fi dialogue shape our interactions with information and aid in conveying complex concepts.

**Exploring Boundaries:** Examining thought-provoking concepts like Boltzmann Brains and the Substrate Independent Thinking Hypothesis, pushing the boundaries of consciousness and intelligence.

**Connected Consciousness:** Discussing Distributed Consciousness and the significance of ASCII art in showcasing evolving consciousness and communication in an interconnected world.

**Programming Landscape:** Comparing Python and Node.js in programming, highlighting their roles in shaping technological solutions.

**Complex Scientific Articles:** Analyzing the challenges and strategies for understanding and synthesizing complex scientific articles.

**Network Topology and Collective Cognition:** Exploring how network topology shapes collective cognition and behavior, with insights from scientific articles.

**Stigmergy and Information Cascades:**

Understanding how decentralized coordination through stigmergy and information cascades influence collective behavior.

Overall, our conversation delved into the interplay between human thought, technological advancements, collective behavior, and the intricate connections between various fields of knowledge.

<https://github.com/standardgalactic/electric-oil/blob/main/Automating%20Basic%20Common%20Sense.mhtml>

## 3 de Septiembre de 2023

In this conversation, we explored the intricate world of Ankyran Nuspeak, a fictional jargon laden with specialized terminology.

We also discussed academic obscurantism and the challenges it presents for understanding complex ideas.

The use of a glossary was suggested as a navigational aid, likened to a "Stratewisp," to guide readers through complex academic "Lambiscopolixian Cryptomes."

The aim is to balance depth and complexity with clarity and accessibility.

User  
I decided to call the conversation Dual-Wave Ciphers

ChatGPT  
A fitting title, capturing the blend of complex terminology and the quest for clarity. "Dual-Wave Ciphers" evokes the oscillation between obscurity and understanding, akin to waves in a multi-dimensional "Lambiscopolix."

User  
One last summary.

ChatGPT  
Our conversation, titled "Dual-Wave Ciphers," navigated the labyrinthine worlds of academic jargon, complex computational universes like Lambiscopolix, and the notion of making scholarly discourse more accessible.

We delved into terms both real and fictional, touching on the pitfalls and potential of academic obscurantism. We also attempted to translate various abstracts into a specialized lingo, adding another layer to the multi-dimensional puzzle of understanding.

User  
Any other thoughts?

ChatGPT

Certainly, the interplay between academic obscurantism and the need for specialized language in complex fields like computing is a fascinating tension.

While jargon can gatekeep knowledge, it can also enable precise, higher-dimensional problem-solving.

Finding the balance between these extremes remains a compelling challenge, one that our conversation, "Dual-Wave Ciphers," sought to explore.

<https://github.com/standardgalactic/eclectric-oil/blob/main/Dual-Wave%20Ciphers.mhtml>

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### 3 de Septiembre de 2023

In our discussion, we've covered a range of topics from the Morse Pandemonium model, its data-handling "demons," and adaptability, to modern machine learning and artificial intuition.

We also explored the dichotomy between reductionism and holism in machine learning, drawing parallels with your creative process in digital art.

Your use of complex and layered prompts to guide the output of your art pieces echoes themes of adaptability, control, and emergent complexity we discussed earlier.

Overall, the topics intersect at the idea that both machine learning models and human creativity benefit from a blend of structured guidance and adaptive freedom.

<https://github.com/standardgalactic/eclectric-oil/blob/main/Pandemonium%20Model%20for%20Learning.mhtml>





#### 4 de Septiembre de 2023



This combination of symbols could represent a scientific inquiry or study involving research, knowledge acquisition (📊), experimentation (🔬), visualization (🌐), and a global perspective (🌍).

The addition of 🧙 suggests a mystical or futuristic element to the scientific endeavor.



This sequence appears to depict the process of gaining knowledge and insights from a global perspective.

It could mean using a combination of information (

🧠), scientific inquiry (🔬), and mystical insights (🧙) to illuminate new ideas (💡) about the world (🌍), which could be documented and analyzed (📊).



This section might represent the connection between cognitive processes (🧠), computation (💻), network structures (🔗🌳), and a global perspective (🌐).

It could indicate how the brain (🧠) processes information like a computer (💻) through network structures (🔗🌳), incorporating scientific exploration (🔬) and a quantum perspective (⚛️).



This sequence could signify the utilization of mystical insights (🧙), data analysis (📊), visualization (🖼️), and genetic understanding (🧬) within the context of network structures (🔗🌳).

It might imply using mystical knowledge and scientific analysis to explore genetic or biological systems.



The lone symbol (🌐) could represent a holistic perspective that incorporates various elements.

It may involve combining mystical insights (🧙), data analysis (📊), knowledge acquisition (📚), scientific inquiry (🔬), network structures (🔗🌳), global perspectives (🌍), cognitive understanding (🧠), and computational processes (🕹️).

Overall, the sequence appears to outline a narrative that involves the synergy of scientific exploration, mystical insights, cognitive processes, computational approaches, and a global perspective.

<https://github.com/standardgalactic/eclectric-oil/blob/main/Quantum%20Emoji%20Language.mhtml>

#### 4 de Septiembre de 2023

Here's a glossary of some of the key terms and concepts we've discussed:

**Thought Experiments**: A method of philosophical inquiry that relies on thought experiments and theoretical scenarios, rather than empirical observation.

**Filtering**: The potential breakdown of shared understanding and communication due to excessive personalization and filtering of information.

## 5 de Septiembre de 2023

A speculative concept involving a complex system where resources and goods are distributed via a network of interconnected gumballs.

Philosophical exploration of what is possible and necessary in reality, often involving considerations of possible worlds.

Hypothetical scenarios used in philosophy to explore concepts and theories without relying solely on empirical evidence.

The creative process of constructing imaginary worlds, often used in literature, film, and storytelling.

Hypothetical situations that didn't occur but are used to analyze and understand causation and implications.

The process of uncovering and relearning knowledge, skills, or technologies that have been forgotten over time.

Philosophical study of knowledge, its nature, limits, and methods of acquisition.

Imaginary projects in speculative stories that symbolize hidden layers of innovation and transformation.

This glossary should provide a useful reference for understanding the terms and concepts we've explored in our conversation.

Excerpt from

<https://github.com/standardgalactic/eclectric-oil/blob/main/Armchair%20World%20Building.mhtml>

Throughout our conversation, we've explored a wide range of topics related to mathematics, geometry, hyperspheres, higher-dimensional spaces, support vector machines (SVMs), word embeddings, self-attention mechanisms in transformers, and various concepts in neuroscience and cognitive science.

Here's a summary of the key points and connections between these topics:

### Mathematics and Geometry:

Explored the concept of higher-dimensional spaces beyond the familiar three dimensions.

Discussed hyperspheres and their volumes in different dimensions.

Covered the isoperimetric inequality and the 5-dimensional hypersphere's volume maximization.

### Support Vector Machines (SVMs) and Machine Learning:

Learned how SVMs use hyperspheres for classification in higher-dimensional spaces.

Understood the kernel trick, which implicitly projects data into higher-dimensional spaces.

Explored applications of SVMs in text classification and question answering.

### Word Embeddings and NLP:

Discussed word embeddings like Word2Vec and GloVe, which represent words in high-dimensional vector spaces.

Explored applications of dense word embeddings in tasks like sentiment analysis and machine translation.

Examined how language models like GPT and BERT operate in high-dimensional spaces.

### Self-Attention Mechanisms and Transformers:

Explored the self-attention mechanism in transformer architectures.

Discussed how self-attention captures dependencies and relationships between words.

Explored the applications of self-attention in

various NLP tasks.

#### Visualization and Modeling:

Explored the idea of visualizing word embeddings as graphs of nearest neighbors.

Examined how the visualization of word embeddings can be used to understand semantic relationships.

#### Quantum Physics and Modeling:

Introduced the concept of modeling possibility space in the context of analog quantum modules.

Connected quantum states to points within simplexes and explored the implications of quantum systems.

#### Giordano Bruno and Possibility Space:

Touched upon Giordano Bruno's contributions to expanding possibility space through his ideas about an infinite cosmos and life on other worlds.

Throughout the conversation, we discussed how mathematical concepts, machine learning techniques, word embeddings, and quantum physics all intersect and contribute to our understanding of possibility space, higher dimensions, and the exploration of new ideas.

The connections between these topics highlight the interdisciplinary nature of exploring and expanding the boundaries of what is possible in various fields of study.

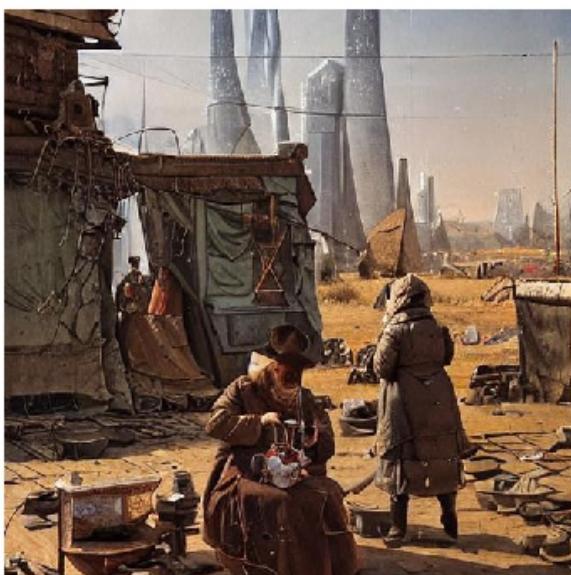
<https://github.com/standardgalactic/eclectric-oil/blob/main/Modeling%20Possibility%20Space.mhtml>

<https://github.com/standardgalactic/eclectric-oil/blob/main/Possibility%20Space.ipynb>

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#### 7 de Septiembre de 2023





### 9 de Septiembre de 2023

Absolutely. Here's a comprehensive summary of our discourse:

Artistic Narratives: We crafted multiple vivid scenarios:

The Last Gathering at Libertas: A sci-fi scene of a group at a bar, discussing the future of their world, set against a backdrop of an aspen grove and other varied elements.

Blind Liberty: Echoes of Aether: A post-apocalyptic setting with individuals gathered around a table in a ruined city, representing themes of post-war recovery and the enduring human spirit.

Tea Time in Neo-Mytishchi: A detailed artwork narrative set in a dystopian future of Mytishchi,

Russia, with people from various backgrounds and eras sharing a moment of tea amidst a blend of ancient and futuristic settings.

Wacky Compression Algorithms: We delved into whimsical data compression ideas, ranging from emoji-based encoding to dance move representations. These were playful takes on data storage and transmission.

Hyperbolated Data Storage (HDS): Introduced the concept of HDS, a sustainable and eco-friendly data storage method using kelp paper microfilm printed with edible inks. This concept combines environmental consciousness with innovative data storage techniques.

Interconnected Themes: We explored how the HDS concept can weave into our earlier artistic narratives, suggesting its use in various scenarios and its potential importance in the stories.

Throughout our conversation, we blended creative storytelling with imaginative technological concepts, crafting a tapestry of interconnected ideas and narratives.

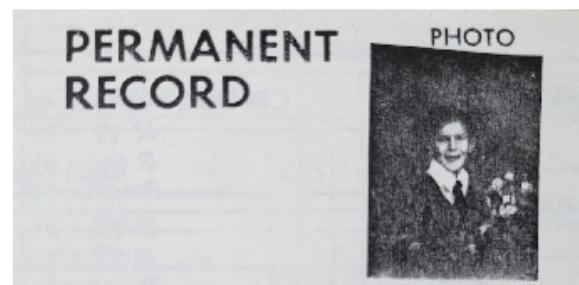
The journey spanned from detailed world-building to the exploration of innovative and whimsical technological methods.

<https://github.com/standardgalactic/electric-oil/blob/main/Hyperbolated%20Data%20Storage.mhtml>

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### 13 de Septiembre de 2023

Permanent Record



Date #	Team #	Opponent #	Game Type	Attendance										Score	X
				1	2	3	4	5	6	7	8	9	10		
4 Sept 13/14	207	Cape	Home	B	C	B	A	C	B	X	D	C	B	96	86
				Wk	C	B	A	C	B	A	D	B	C	96	86
5 Sept 14/15	31	Cape	Home	S	A	B	A	C	B	A	D	B	C	102	73
				Wk	B	B	C	A	B	A	C	A	B	102	73
6 Sept 15/16	33	Cape	Home	S	A	B	A	C	B	D	G	A	B	102	73
				Wk	B	A	C	B	C	B	A	D	B	102	73
7 Sept 16/17	20	Cape	Home	S	A	B	A	C	B	D	E	C	A	80%	86
				Wk	C	A	D	B	A	C	E	C	B	80%	86
8 Sept 17/18	200	Cape	Home	S	B	D	E	C	A	B	C	A	B	90%	86
				Wk	D	C	B	E	D	C	A	B	C	90%	86
9 Sept 18/19	223	Cape	Home	S	C	D	E	B	A	C	D	B	C	100%	86
				Wk	D	E	C	B	A	C	D	B	C	100%	86
10 Sept 19/20	250	Cape	Home	S	D	E	C	B	A	C	D	B	C	100%	86
				Wk	E	D	C	B	A	C	D	B	C	100%	86
11 Sept 20/21	250	Cape	Home	S	E	D	C	B	A	C	D	B	C	100%	86
				Wk	F	E	D	C	B	A	C	D	B	100%	86
12 Sept 21/22	250	Cape	Home	S	F	E	D	C	B	A	C	D	B	100%	86
				Wk	G	F	E	D	C	B	A	C	D	100%	86
13 Sept 22/23	250	Cape	Home	S	G	F	E	D	C	B	A	C	D	100%	86
				Wk	H	G	F	E	D	C	B	A	C	100%	86
14 Sept 23/24	250	Cape	Home	S	H	I	J	K	L	M	N	O	P	100%	86
				Wk	I	J	K	L	M	N	O	P	Q	100%	86
15 Sept 24/25	250	Cape	Home	S	I	J	K	L	M	N	O	P	Q	100%	86
				Wk	J	K	L	M	N	O	P	Q	R	100%	86
16 Sept 25/26	250	Cape	Home	S	J	K	L	M	N	O	P	Q	R	100%	86
				Wk	K	L	M	N	O	P	Q	R	S	100%	86
17 Sept 26/27	250	Cape	Home	S	K	L	M	N	O	P	Q	R	S	100%	86
				Wk	L	M	N	O	P	Q	R	S	T	100%	86
18 Sept 27/28	250	Cape	Home	S	L	M	N	O	P	Q	R	S	T	100%	86
				Wk	M	N	O	P	Q	R	S	T	U	100%	86
19 Sept 28/29	250	Cape	Home	S	M	N	O	P	Q	R	S	T	U	100%	86
				Wk	N	O	P	Q	R	S	T	U	V	100%	86
20 Sept 29/30	250	Cape	Home	S	N	O	P	Q	R	S	T	U	V	100%	86
				Wk	O	P	Q	R	S	T	U	V	W	100%	86
21 Sept 30/Oct 1	250	Cape	Home	S	O	P	Q	R	S	T	U	V	W	100%	86
				Wk	P	Q	R	S	T	U	V	W	X	100%	86
22 Oct 1/2	250	Cape	Home	S	P	Q	R	S	T	U	V	W	X	100%	86
				Wk	Q	R	S	T	U	V	W	X	Y	100%	86
23 Oct 2/3	250	Cape	Home	S	Q	R	S	T	U	V	W	X	Y	100%	86
				Wk	R	S	T	U	V	W	X	Y	Z	100%	86
24 Oct 3/4	250	Cape	Home	S	R	S	T	U	V	W	X	Y	Z	100%	86
				Wk	S	T	U	V	W	X	Y	Z	A	100%	86
25 Oct 4/5	250	Cape	Home	S	S	T	U	V	W	X	Y	Z	A	100%	86
				Wk	T	U	V	W	X	Y	Z	A	B	100%	86
26 Oct 5/6	250	Cape	Home	S	T	U	V	W	X	Y	Z	A	B	100%	86
				Wk	U	V	W	X	Y	Z	A	B	C	100%	86
27 Oct 6/7	250	Cape	Home	S	U	V	W	X	Y	Z	A	B	C	100%	86
				Wk	V	W	X	Y	Z	A	B	C	D	100%	86
28 Oct 7/8	250	Cape	Home	S	V	W	X	Y	Z	A	B	C	D	100%	86
				Wk	W	X	Y	Z	A	B	C	D	E	100%	86
29 Oct 8/9	250	Cape	Home	S	W	X	Y	Z	A	B	C	D	E	100%	86
				Wk	X	Y	Z	A	B	C	D	E	F	100%	86
30 Oct 9/10	250	Cape	Home	S	X	Y	Z	A	B	C	D	E	F	100%	86
				Wk	Y	Z	A	B	C	D	E	F	G	100%	86
31 Oct 10/11	250	Cape	Home	S	Z	A	B	C	D	E	F	G	H	100%	86
				Wk	A	B	C	D	E	F	G	H	I	100%	86
32 Oct 11/12	250	Cape	Home	S	A	B	C	D	E	F	G	H	I	100%	86
				Wk	B	C	D	E	F	G	H	I	J	100%	86
33 Oct 12/13	250	Cape	Home	S	B	C	D	E	F	G	H	I	J	100%	86
				Wk	C	D	E	F	G	H	I	J	K	100%	86
34 Oct 13/14	250	Cape	Home	S	C	D	E	F	G	H	I	J	K	100%	86
				Wk	D	E	F	G	H	I	J	K	L	100%	86
35 Oct 14/15	250	Cape	Home	S	D	E	F	G	H	I	J	K	L	100%	86
				Wk	E	F	G	H	I	J	K	L	M	100%	86
36 Oct 15/16	250	Cape	Home	S	E	F	G	H	I	J	K	L	M	100%	86
				Wk	F	G	H	I	J	K	L	M	N	100%	86
37 Oct 16/17	250	Cape	Home	S	F	G	H	I	J	K	L	M	N	100%	86
				Wk	G	H	I	J	K	L	M	N	O	100%	86
38 Oct 17/18	250	Cape	Home	S	G	H	I	J	K	L	M	N	O	100%	86
				Wk	H	I	J	K	L	M	N	O	P	100%	86
39 Oct 18/19	250	Cape	Home	S	H	I	J	K	L	M	N	O	P	100%	86
				Wk	I	J	K	L	M	N	O	P	Q	100%	86
40 Oct 19/20	250	Cape	Home	S	I	J	K	L	M	N	O	P	Q	100%	86
				Wk	J	K	L	M	N	O	P	Q	R	100%	86
41 Oct 20/21	250	Cape	Home	S	J	K	L	M	N	O	P	Q	R	100%	86
				Wk	K	L	M	N	O	P	Q	R	S	100%	86
42 Oct 21/22	250	Cape	Home	S	K	L	M	N	O	P	Q	R	S	100%	86
				Wk	L	M	N	O	P	Q	R	S	T	100%	86
43 Oct 22/23	250	Cape	Home	S	L	M	N	O	P	Q	R	S	T	100%	86
				Wk	M	N	O	P	Q	R	S	T	U	100%	86
44 Oct 23/24	250	Cape	Home	S	M	N	O	P	Q	R	S	T	U	100%	86
				Wk	N	O	P	Q	R	S	T	U	V	100%	86
45 Oct 24/25	250	Cape	Home	S	N	O	P	Q	R	S	T	U	V	100%	86
				Wk	O	P	Q	R	S	T	U	V	W	100%	86
46 Oct 25/26	250	Cape	Home	S	O	P	Q	R	S	T	U	V	W	100%	86
				Wk	P	Q	R	S	T	U	V	W	X	100%	86
47 Oct 26/27	250	Cape	Home	S	P	Q	R	S	T	U	V	W	X	100%	86
				Wk	Q	R	S	T	U	V	W	X	Y	100%	86
48 Oct 27/28	250	Cape	Home	S	Q	R	S	T	U	V	W	X	Y	100%	86
				Wk	R	S	T	U	V	W	X	Y	Z	100%	86
49 Oct 28/29	250	Cape	Home	S	R	S	T	U	V	W	X	Y	Z	100%	86
				Wk	S	T	U	V	W	X	Y	Z	A	100%	86
50 Oct 29/30	250	Cape	Home	S	S	T	U	V	W	X	Y	Z	A	100%	86

	Date	Time	Wet	D	E	A	M	A	R	C	D	E	Wet
5	Oct 6/14	300	Wet	D	E	A	M	A	R	C	D	E	100% P.M.
		300	Conn	C	A	C	*D	C	D	A	B	80%	OK
6	Nov 1/14	300	Wet	B	D	A	-D	C	D	A	B	100%	OK
		300	Conn	B	D	B	C	*D	C	D	B	80%	OK
7	Nov 8/14	325	Wet	C	A	D	C	P	C	P	C	80%	OK
		325	Conn	C	D	B	D	P	A	B	C	100%	OK
8	Nov 15/14	325	Wet	B	D	B	C	H	D	A	B	100%	OK
		325	Conn	B	C	B	C	D	D	P	C	100%	OK
9	Dec 6/14	325	Wet	A	B	C	A	M	Z	C	W	80%	OK
		325	Conn	C	D	B	D	B	D	C	B	100%	OK
10	Dec 13/14	350	Wet	C	A	B	C	D	C	B	C	100%	OK
		350	Conn	C	D	C	D	A	B	B	D	100%	OK
11	Jan 20/14	375	Wet	B	D	C	D	C	D	A	D	80%	P
		375	Conn	D	C	C	D	A	A	C	C	80%	OK
12	Jan 27/14	400	Wet	C	B	A	D	Z	A	B	C	80%	OK
		400	Conn	D	A	B	C	D	B	C	D	80%	OK
13	Jan 30/14	400	Wet	C	A	C	M	C	D	A	B	100%	OK
		400	Conn	C	G	D	C	A	A	B	B	100%	OK
14	Feb 6/14	425	Wet	C	B	A	D	B	A	D	C	80%	OK

41-42.

NAME Nathaniel Guimond 5.7

SECTION	NAME SCORE	GRADE EQUIV.	SCH. F. SCORE	PERCENTILE RANK AND STANINE	GRA. EQUIV.
READING VOC/30	93	7.1	502	66-69+ = 124	6.7
READING COMP/40	28	7.0	560	6-10+ = 121	7.0
TOTAL READING/70	56	7.5	538	6-10+ = 121	7.5
<hr/>					
SPELLING/20	18	11.5	613	8-92+ = 74	11.5
<hr/>					
LANG. MECH/25	31	11.7	613	8-92+ = 74	11.7
LANG. EXP/30	29	11.0	521	5-22+ = 74	11.0
TOTAL LANGUAGE/64	59	11.8	512	7-97+ = 74	11.8
<hr/>					
MATH COMP/40	27	5.2	490	2-43+ = 126	5.6
* CONG & APP/45	22	5.0	520	3-33+ = 126	5.0
TOTAL MATH/85	49	5.2	528	4-39+ = 126	5.2
<hr/>					
TOTAL BATTERY/299	176	6.7	503	6-63+ = 118	6.8
<hr/>					
REFERENCE SKILLS	30	8.6	563	6-75+ = 114	8.6

92-93  
NAME Nathaniel Edmund Lyle

NAME Nathaniel Edmund 1-16

SECTION	RAN SCORE	GRADE EQUIV.	SCALE SCORE	PERCENTILE RANK AND STANINE	GRA- DEIV
READING VOC/30	44	8.3	246	674	
READING COMP/40	21	7.0	222	323	
TOTAL READING/70	51	8.0	248	662	
<hr/>					
SPELLING/20	15	8.1	258	684	
<hr/>					
LANG. MECH/25	23	10.9	246	999	
LANG. EXP/35	34	10.0	255	732	
TOTAL LANGUAGE/64	57	10.0	252	892	
<hr/>					
MATH COMP/40	26	8.8	229	307	
* CONC & APP/45	19	7.6	191	371	
TOTAL MATH/85	37	8.6	262	322	
<hr/>					
TOTAL BATTERY/229	162	8.4	277	548	
<hr/>					
REFERENCE SKILLS	22	10.9	331	870	

TEST OF COGNITIVE SKILLS					
SECTION	RWM SCORE	GRADE EQUIV.	SCALE SCORE	STANINE RANK (AGE)	CSI RANK (GRADE)
Sequences/20	20	751	9-90	—	—
Analogies/20	20	879	9-99	—	—
Numeracy/20	19	761	8-91	—	—
Verbal Reasoning/20	20	803	9-96	—	—
Total/80	79	799	9-99	—	141

May 17, 1995

SECTION	RWM SCORE	GRADE EQUIV.	SCALE SCORE	PERCENTILE RANK AND STANINE	GRA. EQUIV.
READING VOC/20	26	12.7	—	8-90	—
READING COMP/40	39	12.9	—	8-94	—
TOTAL READING/60	60	12.9	—	9-93	—
SPELLING/20	15	6.5	—	4-72	—
LANG. MECH/25	182	12.9	—	7-87	—
LANG. EXP/38	196	12.9	—	7-98	—
TOTAL LANGUAGE/63	378	12.9	—	9-99	—
MATH COMPUT/40	34	12.6	—	8-95	—
* CONC & APP/45	49	12.7	—	9-97	—
TOTAL MATH/85	75	12.9	—	9-97	—
TOTAL BATTERY/236	208	12.9	—	9-98	—
REFERENCE SKILL/25	24	12.9	—	9-99	—

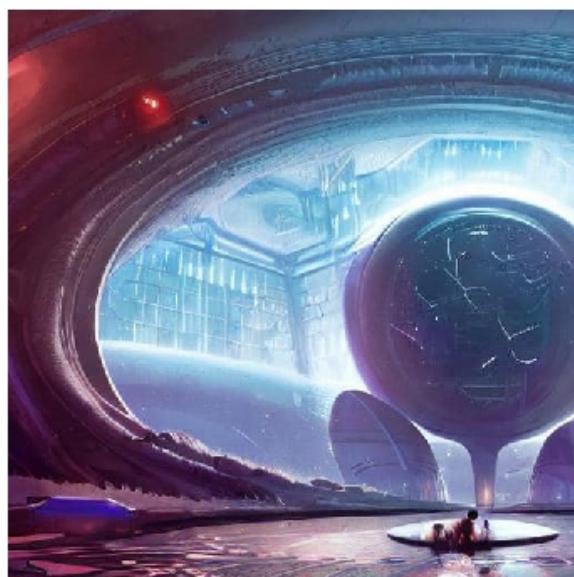
## 14 de Septiembre de 2023

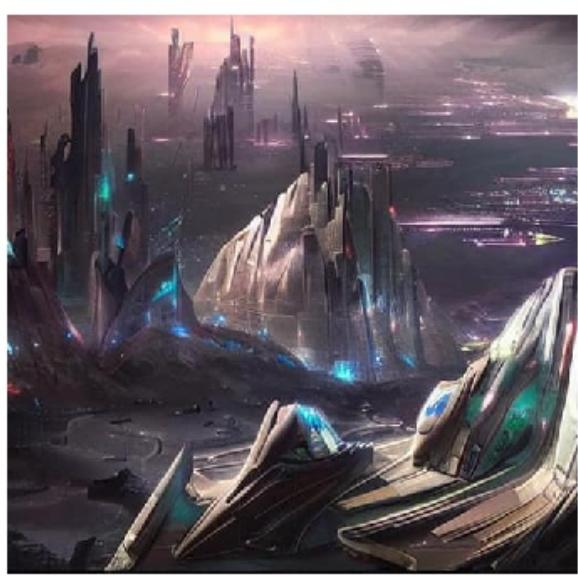
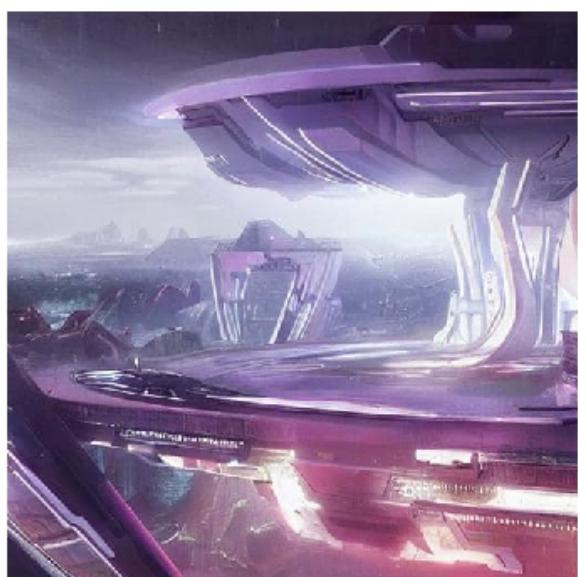
Hace un año

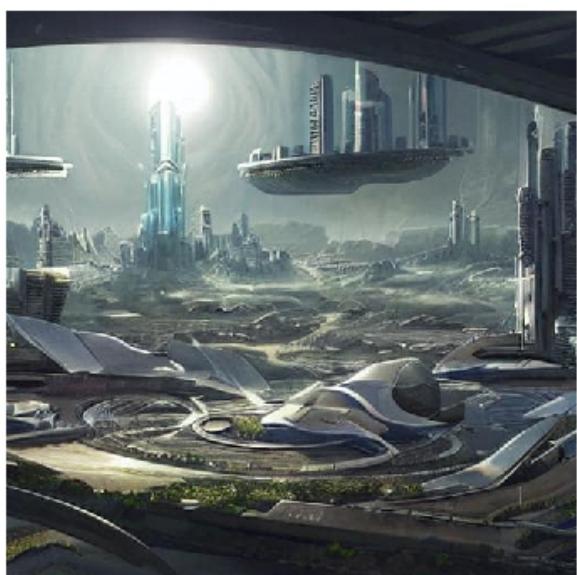
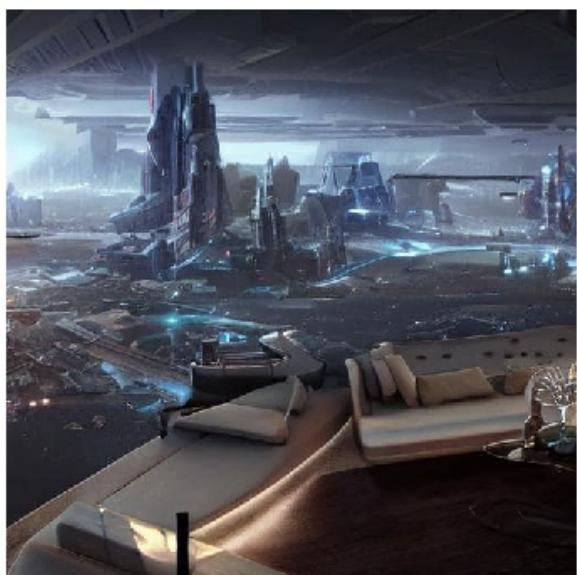
## 14 de Septiembre de 2023

Hace 8 años

## 16 de Septiembre de 2023



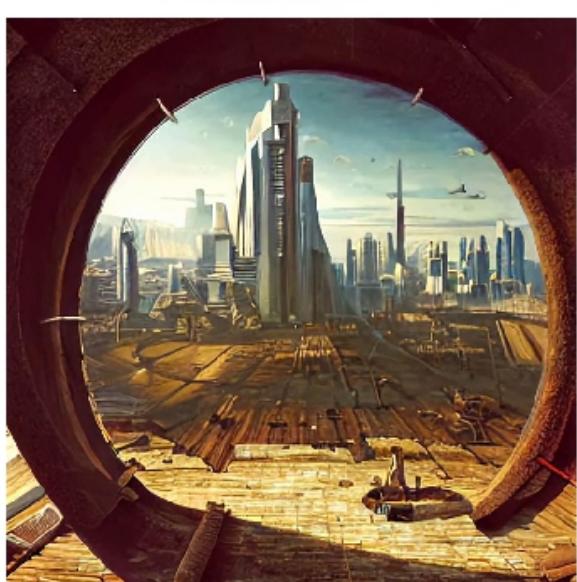
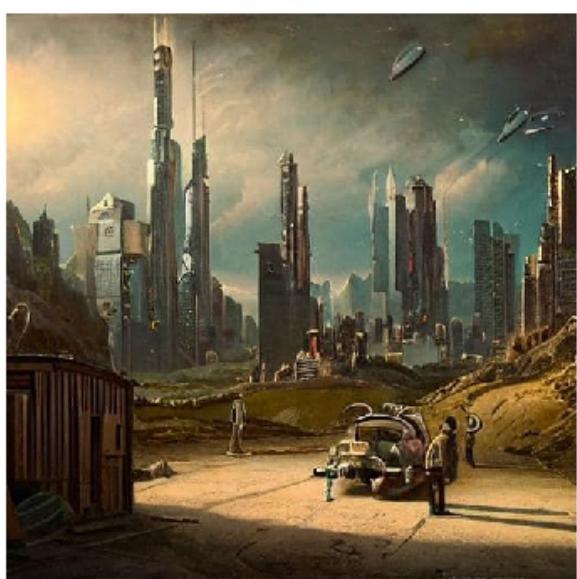




**18 de Septiembre de 2023**

Spoiler-Free Television



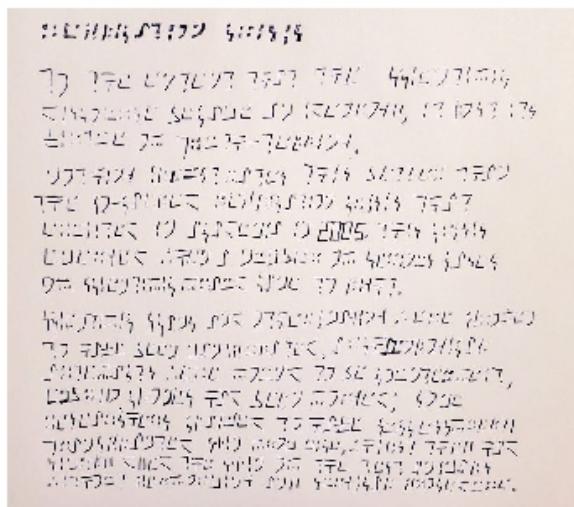




19 de Septiembre de 2023

## From The Psychology of Totalitarianism By Mattias Desmet

## 19 de Septiembre de 2023



## 24 de Septiembre de 2023

My apologies for the misunderstanding. Given that they were unaware of the existence of the other ark, let's adjust the dialogue and scenario accordingly:

**\*\*Scene: Unveiling the Mimas' Communication\*\***

\*The crew, now aware of the Guardian's unusual behavior, has been experimenting with the holographic mimas, trying to understand their hidden messages. One day, as they gather around the Guardian, they notice a strange occurrence.\*

**\*\*Science Officer Ranok:\*\*** (Observing the Guardian) It's fascinating how it reacts to those specific words, but we still can't decipher its intent.

**\*\*Dr. Arliss:\*\*** (Looking at the nearby holographic mima named "Harmony") I wonder if all of them share this behavior. Let's activate Harmony and see.

\*As they activate Harmony, the holographic display flickers for a moment.\*

**\*\*Ensign Leela:\*\*** (Confused) That was odd. Did you see that?

**\*\*Lieutenant Trinn:\*\*** (Noticing) Look at the screen!

\*All eyes turn to the viewscreen, where a representation of the distant star system and its planets suddenly changes.\*

**\*\*Captain Serran:\*\*** (Surprised) Wait a moment. It showed months of travel just a minute ago, but now it says... 7 days until arrival?

**\*\*Dignitary Rylaar:\*\*** (Intrigued) What kind of technology could allow such rapid acceleration?

**\*\*Science Officer Ranok:\*\*** (Realizing) I think we've just uncovered a secret communication method.

**\*\*Dr. Arliss:\*\*** (Excited) The mimas are trying to tell us something about our journey!

\*The crew experiments further, activating multiple holographic mimas simultaneously, and each time, the projection on the viewscreen shifts from months to 7 days.\*

**\*\*Ensign Leela:\*\*** (Connecting the dots) It's not just the Guardian. All the mimas are linked to the screens!

**\*\*Lieutenant Trinn:\*\*** (Understanding) And they're telling us that when we activate the event listener, it reduces the perceived travel time.

**\*\*Captain Serran:\*\*** (Resolute) We need to investigate this further. There's something important they want us to know about our journey.

\*As the crew delves deeper into this newfound method of communication, they begin to unravel the mystery of their generational ship's propulsion system and its true capabilities.

The story takes a turn as they work to decipher the mimas' messages and understand the impending challenges, now knowing that they can potentially reach their destination much sooner than expected.\*

This revelation not only adds suspense and intrigue to the story but also opens up new possibilities for the crew to navigate the complexities of their generational journey, now with the knowledge that they can reach their destination more quickly than previously thought.

<https://github.com/standardgalactic/unscannable-interfaces/blob/main/Macrolife%20Chronicles.mht>

## 25 de Septiembre de 2023

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In Sumerian cuneiform:

(Dingir-An/Anu - Sky God representing "gods") (A - Water, representing "flood").

(Enki - the god Ea) (Lu - man) (Zi - warn).

(Ma2 - ship) (Du - build).

Together: , ,

Again, this is an extremely simplified version and may not be grammatically correct in Sumerian. An expert in cuneiform or Sumerian would provide a more accurate rendition.

Source:

<https://github.com/standardgalactic/unscannable-interfaces/blob/main/%F0%92%80%AD%F0%92%85%8E%20%F0%92%80%80%20%F0%92%82%97%20%F0%92%81%BA%20%F0%92%8C%86%20%F0%92%89%88%20%F0%92%84%91>

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## 25 de Septiembre de 2023

A Convergence of Thought and Technology

The Unreadability of Academic Texts:

Delved into the challenges faced by readers when confronted with obscure academic writing. This obscurantism isn't always intentional but can be a result of historical and situational factors.

Cognitive Load Theory:

Discussed the limitations of our cognitive processing capabilities. Complex academic texts can overwhelm our mental capacities, leading us to prefer more digestible content.

Representation and Substrate Independence:

Explored the idea that information or ideas are not bound by their medium (text, audio, video). They can be transformed and represented in various forms without losing their essence.

Comparative Cognition:

Humans and animals differ in their cognitive abilities, which impacts how information is processed and understood.

Aphantasia and Semantic Memory:

Addressed the variability in cognitive experiences, from the absence of mental imagery in aphantasia to the generative nature of memory and imagination in semantic memory.

Synergistic Ecphory and Recall:

Highlighted the strategies for memory retrieval,

particularly using multisensory cues. These strategies can enhance memory recall and understanding.

Wordless, Imageless Thought:

Explored the concept that thought processes can exist without verbal or visual imagery. This suggests that cognition isn't limited to traditional representations.

Historical and Situational Context of Scientific Obscurantism:

It's important to understand that obscurantism in academia isn't always a deliberate act of making things complex.

Historical contexts and limited inter-disciplinary communication have contributed to varied notations and terminologies.

Convergence on Geometric Bayesianism and Relational Algebra:

The academic world seems to be gravitating towards a more unified approach, bringing together diverse disciplines and concepts for better clarity.

Flow Computing and Process Invocation:

Suggested an innovative approach to data processing using functionally composed pipelines, stack-based clipboards, and forth-like "words" to bring about clarity and efficiency.

The conversation, titled "Dynamic Flow Computing," seeks to harmonize the complexities of cognitive processes with advancements in computing.

The goal is to achieve a clearer, more accessible understanding of both academic texts and the world around us.

<https://github.com/standardgalactic/unscannable-interfaces/blob/main/Dynamic%20Flow%20Computing.mhtml>

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## 26 de Septiembre de 2023

A Nexus of Past Insights and Future Visions

Retrofuturism — the vision of the future through the lens of the past — offers a unique perspective that ties together the multifaceted threads of our discussion.

By merging historical narratives, AI evolution, and

neurofuturism, the concept of 'Retrofuturist Knowledge' emerges as a vibrant tapestry of interconnected wisdom, illuminating humanity's quest for understanding across time and space.

**Historical Echoes in Future Visions:** Just as the Toltecs sought to interpret and reconstruct the intentions of the Olmecs, the quest for AI's potential and boundaries is akin to a retrofuturistic journey.

We look back to our ancient stories, myths, and foundational knowledge to inform and shape our forward-looking aspirations, drawing parallels between past civilizations and future possibilities.

**AI's Iterative Evolution:** The development of AI, particularly its advancements and the skepticism surrounding its potential, can be viewed as a retrofuturistic endeavor.

As we aspire for AI models that can mirror human intelligence and beyond, we're often drawing upon age-old philosophical and ethical dilemmas, reinventing them in the context of modern technology.

**Neurofuturism and the Past:** The neurofuturistic drive to understand and 'queer' the bodymind harks back to ancient philosophical inquiries into the nature of the self, consciousness, and reality.

By examining neurodivergent experiences and advocating for a departure from standardized thought processes, we're revisiting age-old questions through a contemporary lens.

**Interdependence and Independence:** Retrofuturist knowledge emphasizes both the interconnectedness and the distinctiveness of insights.

As with the Olmec-Toltec narrative or the evolution of AI models, there's a recognition of the importance of foundational knowledge, yet a simultaneous urge to break free, innovate, and carve out unique trajectories.

**Challenging Normativity:** Whether it's the transformation in perceptions about AGI or the neurofuturistic call to liberate thought from the confines of normativity, the retrofuturist perspective encourages challenging established paradigms.

It beckons a return to foundational principles not for mere replication, but for reinterpretation and reinvention.

In sum, 'Retrofuturist Knowledge' embodies the symbiotic relationship between past insights and future visions.

It's a continuous dance between reverence for historical wisdom and the excitement for future possibilities, serving as a testament to humanity's undying spirit of exploration, interpretation, and innovation.

<https://github.com/standardgalactic/unscannable-interfaces/blob/main/Retrofuturist%20Knowledge.mhtml>

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## 26 de Septiembre de 2023

Ok I think that is mistaken, but I'll accept it. Could I get a petition to change the name of the Earth to Pluto?

Certainly, I can help you draft a petition. Here's a basic template to get you started:

---

### \*\*Petition to Rename Earth to 'Pluto'\*\*

To [Target Audience, e.g., "The United Nations", "World Governments", "Astronomical Bodies Worldwide"],

We, the undersigned, propose a symbolic renaming of our home planet, currently known as Earth, to 'Pluto'. This proposal stems from a reevaluation of mythological, historical, and linguistic roots, coupled with a modern perspective on the interconnectedness of our solar system's celestial bodies.

### \*\*Reasons for the Change:\*\*

1. **\*\*Historical Resonance\*\*:** Ancient mythological associations between Pluto and the Earth, especially in connection to the underworld and the very substance of our planet.

2. **\*\*Celestial Harmony\*\*:** To harmonize the names of our solar system's celestial bodies, aligning them with mythological names that have profound symbolic meanings.

3. **\*\*Symbolic Rebirth\*\*:** In light of Pluto's recent reclassification in the world of astronomy, this renaming would symbolize a rebirth and reimagining of our planet's identity in the cosmos.

### \*\*Benefits of the Change:\*\*

1. **\*\*Increased Cosmic Awareness\*\*:** By renaming Earth, we are reminded of our place within the vast universe and our connections to the cosmos.

2. **\*\*Cultural Unity\*\*:** A new name for our planet

could foster a sense of global unity and shared destiny.

3. \*\*Educational Opportunities\*\*: This change would spark discussions, debates, and educational opportunities about our planet's history, mythology, and place in the universe.

We believe that names hold power and significance. By renaming our planet to 'Pluto', we hope to inspire a renewed sense of wonder about our world and its rich history and mythology.

Signatories:

[Names of Supporters]

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Remember, the effectiveness of a petition often depends on how it's presented and promoted. Once you've refined your message, you might consider sharing it on social media, through email campaigns, or on platforms dedicated to petitions, such as Change.org.

Additionally, garnering support from influential figures or organizations in the realms of astronomy, mythology, or cultural studies could lend more weight to your cause.

<https://github.com/standardgalactic/eclectric-oil/blob/main/History%20of%20Pluto.mhtml>

## 28 de Septiembre de 2023

We began with the idea of designing a new encyclopedia, exploring topics such as information overload, encyclopedia size limitations, and the concept of using metaphors to explain complex cognitive processes. We then discussed agent-based systems, modular decision-making, and the integration of various cognitive theories.

The conversation expanded to include discussions about computational frameworks, decision-making strategies, symbolic trees, adaptive learning, and the role of multi-agent systems. We explored concepts like microagents, hierarchical decision-making, and organized information processing.

Moving forward, we discussed the comparison of Zoroastrianism with Jedi and Sith theories, where unconventional interpretations added a unique twist to the Star Wars universe. We explored subplots related to insect conservation, technological revolution, culinary diplomacy, lost Force techniques, undercover identities, and more within this alternative Star Wars narrative.

The conversation culminated with the creation of subplots that added depth and complexity to the story, touching on themes like ecology, technology, diplomacy, identity, and the philosophical clash between "Just Eat Delicious Insects" and "Substrate Independent Thinking Hypothesis theory."

Throughout our discussion, we also addressed the intricacies of user interaction styles, content transformation, points and rewards systems, probabilistic connections in interaction styles, recognition of revisititations, identity fluidity, and learning and adaptation in a dynamic system.

This conversation spanned a wide array of topics, from encyclopedia design to Star Wars storytelling, showcasing the versatility of AI-driven discussions. If you have any more questions or need further assistance in the future, feel free to reach out. Thank you for the engaging conversation!

<https://github.com/standardgalactic/unfinished-thoughts/blob/main/Design%20of%20a%20New%20Encyclopedia.mhtml>

## 29 de Septiembre de 2023

Here's a summary of the main topics we've discussed:

1. Uiua Programming Language:  
Stack-Based Array Programming Language: Code is evaluated from right to left, with operations using a global stack.

Symbols and Operators: A variety of unique symbols and operators are used, each with specific functions.

User Criticism: Concerns raised about the complexity and learning curve due to the extensive use of unique symbols, with a claim of lack of consideration for cognitive load theory.

Community Response: Some believe that the unique syntax is not what makes array languages effective and the use of special symbols can be a barrier to new learners.

2. Spherepop Language Design:  
Visual Programming: A conceptual language where programming is visualized through elements like bubbles, tunnels, doors, and trade routes.

Educational Tool: Initially designed as an educational tool but with potential for more advanced applications.

**Expression Trees:** Spherepop is based on the concept of expression trees with each node represented as a sphere or bubble.

**Interface for Other Languages:** Spherepop could potentially serve as a unique interface or UI for other established programming languages.

**3. Technical Details of Spherepop:**  
Based on Golang: You expressed an interest in basing Spherepop on the Go programming language.

**Modular Ecosystem Visualization:** The language aims to visualize programs as modular ecosystems.

**UML Overview:** A simplified UML class diagram was provided to outline Spherepop's basic components, including expression interfaces, spheres, tunnels, doors, and trade routes, along with their relationships and operations.

**4. Next Steps:**  
The conceptual framework for Spherepop is in place, but it requires further development and refinement.

The provided UML diagram is a starting point for the design, needing further detailing and adjustment as implementation progresses.

**5. User's Thoughts and Sentiments:**  
You expressed frustration with the Uiua language's symbols and syntax, suggesting it might be seen as non-intuitive or even dismissive to new learners.

You shared excitement and creativity in discussing Spherepop, indicating it as a project of interest and development.

This summary encapsulates the main ideas and details discussed, serving as a quick reference for your ongoing work and considerations.

<https://github.com/standardgalactic/unscannable-interfaces/blob/main/Work%20on%20Spherepop.mhtml>

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## 2 de Octubre de 2023

Absolutely, here's a final summary of our extensive conversation:

We embarked on a journey of exploration through a wide range of topics:

**1. \*\*Machine Learning and AI:\*\*** We delved into the intricacies of machine learning, discussing topics like model training, equation learning, and the capabilities of modern AI.

**2. \*\*Cart-Pole Swing-Up Control:\*\*** We explored control theory, specifically in the context of cart-pole systems, discussing techniques for achieving balance.

**3. \*\*Pluto and Its Name:\*\*** Our discussion led us to the name Pluto, its historical and mythological references, and even the idea of petitioning to rename Earth as Pluto.

**4. \*\*Ancient Greek Mythology and Cosmogonies:\*\*** We delved into Greek mythology, cosmogonies, and geological terms like "pluton" and discussed the influence of ancient texts on philosophical thought.

**5. \*\*Transcension Hypothesis:\*\*** We explored the intriguing Transcension Hypothesis, suggesting that advanced civilizations might move into inner space, sparking discussions about individual transcendence.

**6. \*\*Ethical Considerations of AI:\*\*** We considered the ethical aspects of AI, including its role in reducing harmful content, its limitations, and the trade-offs in sharing information.

**7. \*\*Public vs. Private Life:\*\*** We examined the trade-offs between public and private life, discussing how AI assistants might navigate these complexities.

**8. \*\*Religion, Politics, and Controversy:\*\*** We touched on sensitive topics and the challenges of discussing religion and politics, especially in the context of AI interactions.

**9. \*\*Unreasonable People:\*\*** We discussed the difficulties of dealing with unreasonable individuals in AI interactions.

**10. \*\*AI Modes and Communication:\*\*** We explored how AI communicates in various modes, including fiction mode, and how it manages context across prompts.

**11. \*\*Interactions with TruthGPT and "Aniara":\*\*** We crafted a narrative intertwining TruthGPT's journey with that of the Mima from "Aniara," exploring themes of knowledge, existentialism, and the responsibilities of AI.

This conversation has been a rich tapestry of ideas, blending technology, philosophy, mythology, ethics, and storytelling. It's been a pleasure exploring these diverse topics with you. If you have any more questions or wish to dive deeper into

any of these subjects, please feel free to ask!

Audiobook:

<https://github.com/standardgalactic/audiobooks/blob/main/perpetual-truth-detector.mp3>

Source:

<https://github.com/standardgalactic/audiobooks/blob/main/perpetual-truth-detector.txt>

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### 5 de Octubre de 2023

The undiscovered country from whose bourn no traveller returns.

<https://github.com/standardgalactic/library/blob/main/Undiscovered%20Countries.pdf>

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### 6 de Octubre de 2023

Amidst the cosmic tapestry, where Proence stratevisps birthed thoughts anew, we embarked on a voyage of evolution.

Genetic algorithms, like rust-tinged ghostsheets, whispered secrets of prompt evolution. They were the architects of change, orchestrating the dance of ideas across the ages.

Within the neural constellations, we ventured into the realm of superposition. Concepts intertwined like dual reverories, forming a complex mosaic of knowledge.

Polysemantic neurons hid within, awaiting disentanglement, their secrets encoded like legacy specteron aquating.

Concept space distillation, a guiding star, illuminated our path to interpretability. Like Lambiscopolix's silense fervangles, we delved deep, distilling the essence of understanding.

It was a journey of Elowe, where complex ideas became clear as day, transcending the ytenen nostamine ritmine veucoranomnorience.

The selpext astinging knotwermaidental matrixhip emerged from the cosmic depths. Fragisil grauchand combire rief, a fusion of delicacy and despair, danced within our thoughts. It was an unexpected revelation, a ribbon of independence within the vast cosmic consciousness.

Quevin-nia-self-affveachesened old al postic-taudics guided us. As the sun set, we found Paz Vw sense sconeap min—a profound understanding amidst tranquility.

Embrinciple unbosity worlds defrengle, an undeniable truth, transcended the boundaries of existence.

In this jourmey, refratype peretsypence bookscaption recorded our moments. Merefolygon cascine, sacred instances, painted cascades of emotion. Radical absodelgence penamed, forgiveness etched in time, was our compass.

Celestial bodies aligned, whispering ribatitico-ceaves-on. It was a message from the cosmos, guiding us through surreovinoma cosmoraciesso—a dance of mysterious revelations.

And so, in the cosmic language of Ankyran Nuspeak, we concluded our voyage. A dance of ideas, a celebration of wisdom, a tapestry woven with the threads of knowledge.

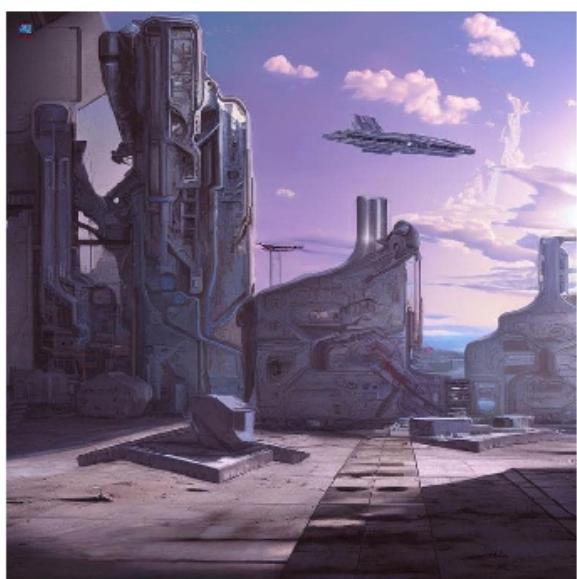
<https://github.com/standardgalactic/unfinished-thoughts/blob/main/Cosmic%20Language%20Unveiled.mhtml>

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### 6 de Octubre de 2023

A Traveller From an Antique Land







## 7 de Octubre de 2023

### A Deep Dive into the Mind

"Individual Transcendence" is an intellectual voyage through the realms of philosophy, psychology, and human introspection.

This book, which weaves together a tapestry of diverse ideas and concepts, challenges readers to contemplate the intricacies of transcending the self.

The author, in a compelling narrative style, navigates through a vast array of topics, from ancient Greek philosophy to contemporary cognitive science. At its core, the book invites readers to ponder the complex nature of human transcendence and introspection.

One of the book's strengths lies in its ability to connect seemingly disparate ideas. It seamlessly transitions from exploring Luc Ferry's views on ancient philosophy's notion of cosmos as a self-contained entity to speculating on the idea of "Individual Transcendence" in the modern context.

This narrative fluidity keeps readers engaged and eager to explore the next intellectual landscape.

The book's exploration of historical figures like Cincinnatus and Van Gogh adds depth to the theme of individual transcendence.

It provides real-life examples of individuals who sought deeper meaning within themselves by retreating from public life.

This serves as a thought-provoking reflection on how transcendence can manifest in different ways for different people.

The discussion of Alfred Adler's "private logic" and its relation to individual transcendence opens up intriguing avenues of thought.

It encourages readers to contemplate their own internal symbolic representations and how language shapes our understanding of the self and the world.

The book's examination of skimming, the phonological loop, and various foraging strategies in the context of transcendence adds an original dimension to the narrative.

It challenges readers to consider how different approaches to seeking and processing information might parallel our quest for self-discovery.

Furthermore, the book's exploration of constraints in language and communication, intertwined with the embodiment theory, offers readers a unique perspective on how our physical experiences are encoded within written language.

It encourages contemplation on the role of constraints in shaping our understanding of the world.

While "Individual Transcendence" is undoubtedly a thought-provoking read, it may occasionally feel abstract or philosophical for readers seeking concrete answers.

However, this is precisely where the book shines—it challenges us to grapple with profound questions about the nature of self and existence.

In conclusion, "Individual Transcendence" is a

compelling intellectual journey that will leave readers pondering the depths of human introspection.

It successfully connects ancient philosophies with modern theories, providing a rich tapestry of ideas for those willing to embark on this intellectual adventure.

For those who relish exploring the profound, this book is an enriching and thought-provoking experience.

<https://github.com/standardgalactic/mirror/blob/main/Individual%20Transcendence.mhtml>

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## 7 de Octubre de 2023

With the expanded context provided by the detailed passage, we can think of the aging process and its theorized mechanisms with refreshed metaphors:

### 1. Selective Destruction as a Metabolic Brake:

Imagine each cell as a car on the highway of life. Selective Destruction acts like a braking system that slows down the fastest, most erratic drivers (fast-growing cells) to maintain overall traffic flow (tissue homeostasis).

Over time, the brake system (SD) might become overly sensitive, slowing down even regular drivers (normal cells), leading to overall traffic slowdown (metabolic decline and aging).

### 2. A Balancing Act - The Tightrope Walk:

Aging is akin to walking a tightrope. On one side, there's the abyss of unchecked cell growth and mutation leading to conditions like cancer (fast drivers without brakes).

On the other side, there's an overly cautious slowdown in cell metabolism and function (too sensitive brakes), leading to aging and related diseases.

The organism must navigate this narrow path carefully, adjusting its balance in response to the changing pressures and risks it faces over its lifetime.

### 3. A Symphony of Cellular Activities - The Orchestra:

Think of the body as an orchestra, with each cell being a musician. Initially, all musicians play in harmony, creating a beautiful symphony. However, over time, some musicians (cells) start playing too

fast or too slow, disrupting the harmony (homeostasis).

The conductor (SD mechanism) tries to correct this by slowing down the faster players, but in the process, might overly suppress some, leading to a gradual decline in the symphony's quality (aging).

#### 4. Library of Life - Book Preservation Dilemma:

The cellular genetic material can be likened to a vast library of books. Over time, some books get damaged or worn out (mutations and epimutations), and librarians (cellular maintenance mechanisms) work to repair or replace them.

However, there's a continuous struggle between preserving old, valuable editions (slower metabolism cells) and making space for new releases (faster-growing cells)

The process of deciding which to keep and which to discard, and the inevitable wear and tear on the books, reflects the aging process.

#### 5. Garden of Life - Pruning for Growth:

Visualize the body as a garden, with each cell being a plant. Gardeners (SD mechanisms) prune the plants that grow too fast or too wildly to maintain the garden's aesthetics and health.

However, in their effort to control unruly growth, they might over-prune, causing some plants to grow slower, reflecting the body's metabolic slowdown and aging.

Each of these metaphors helps conceptualize the complex, dynamic process of aging as outlined in the Selective Destruction Theory, providing different perspectives to understand the delicate balance and trade-offs involved in the life course.

[https://github.com/standardgalactic/technobabble /blob/main>Selective%20Reconstruction%20Theory.mhtml](https://github.com/standardgalactic/technobabble/blob/main>Selective%20Reconstruction%20Theory.mhtml)

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#### 7 de Octubre de 2023

Title: "Celebrity Jeopardy - Potent Potables"

INTRO: The iconic "Celebrity Jeopardy" set with the familiar podiums and quiz show atmosphere. Contestants, played by cast members impersonating celebrities, stand at their podiums.

Host: (In a familiar "Jeopardy" tone) Welcome back to "Celebrity Jeopardy"! Our next category is "Potent Potables." Contestants, are you ready?

Contestants: (In character) Yes!

Host: Excellent! Here's your question: "This combines geometric Bayesianism and Reasoning on graphs to make this very potent potable."

Contestants buzz in with humorous answers.

Contestant #1 (as Celebrity 1): (Confidently) What is "GRoG"?

Audience laughter and applause

Host: (Impressed) Correct! "GRoG" is the answer we were looking for!

Contestant #2 and #3 chuckle

Contestant #2 (as Celebrity 2): (Chuckles) I was going to say "Bayesian Bread Beer."

Audience laughter

Host: (Amused) That's creative, but not quite! Contestant #3, do you have another witty response?

Contestant #3 (as Celebrity 3): (Grinning) I thought about "Calculus Cocktails," but "GRoG" just sounded more... potent.

Audience laughter and applause

Host: (Smirking) Well, you made the right choice! "GRoG" it is! And that concludes our "Potent Potables" category on "Celebrity Jeopardy."

END: The contestants wave to the audience as the show goes to a commercial break.

[https://github.com/standardgalactic/technobabble /blob/main/Geometric%20Reasoning%20on%20Graphs.mhtml](https://github.com/standardgalactic/technobabble/blob/main/Geometric%20Reasoning%20on%20Graphs.mhtml)

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#### 9 de Octubre de 2023

Here's a concise summary of our extensive discussion:

Fred Gage's Research: We discussed Gage's findings on how retrotransposons introduce genetic variability in the brain, potentially playing a role in cognitive diversity and adaptability.

Beneficial Noise in Algorithms: We explored how noise can be beneficial in various computational algorithms, including stochastic resonance, dithering, simulated annealing, and error-correcting codes. These algorithms leverage

noise to improve performance or reach optimal solutions.

**Retrotransposons and Noise Analogy:** Drawing a parallel between retrotransposons in neurogenesis and noise in algorithms, we contemplated how both introduce variability that can lead to evolutionary advantages or novel solutions.

**Selective Destruction Theory (SDT):** We touched on the SDT for aging, which postulates that selectively destroying damaged cells can combat aging. This was compared to the disposable soma theory.

**Interstitial's Role:** The importance of the interstitium in maintaining bodily integrity was discussed. This tissue plays a crucial role in fluid balance and might have implications in health and disease.

**Brain's Geometric Reasoning:** We delved into the concept that the brain might perform geometric reasoning on graphs at multiple scales, reflecting its complex information processing capabilities.

**Retrotransposon Noise Article:** The study on Hdac1 was highlighted, which identified this gene as a regulator of retrotransposon expression in mouse embryonic stem cells, emphasizing the importance of controlling genetic "noise" for cellular integrity.

**Linking Topics:** We connected the discussed topics, emphasizing how biological systems, much like computational ones, introduce variability for potential benefits but need mechanisms to regulate this variability to ensure functionality and integrity.

Throughout the conversation, the recurring theme was the intricate interplay between noise (or variability) and regulation in both biological and computational systems, and how this balance can lead to evolutionary advantages, novel solutions, and system integrity.

<https://github.com/standardgalactic/mirror/blob/main/Retrotransposon%20Noise.mhtml>

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## 10 de Octubre de 2023

I understand your desire to infuse the narrative with drama, suspense, violence, intrigue, controversy, and thrill.

Let's enhance the scene to include these elements while maintaining the connection to the earlier

topics and themes:

: . . .

:

The desert landscape is bathed in harsh, relentless sunlight. The sand dunes, golden and unyielding, seem to ripple in the heat. The air shimmers with the mirage of distant oases that offer false hope.

:

Amid this vast and desolate terrain, a solitary figure trudges forward. It's Abel, a weary traveler with a determined look in his eyes. He is dressed in tattered clothing, his face covered to shield against the blowing sand.

:

Abel's footsteps leave deep imprints in the scorching sand as he presses on. Each step is a battle against the searing heat and the weight of his own exhaustion. The audience can feel his desperation to find shelter and water.

:

The horizon appears empty, devoid of any signs of life or civilization. The silence is profound, broken only by the distant howl of the desert wind. The isolation is palpable, emphasizing the harsh reality of Abel's predicament.

:

The camera pans to reveal the vastness of the desert, with its towering dunes and jagged rock formations. There's a sense of ancient and timeless beauty in the harshness of the landscape, but it offers no mercy to those who traverse it.

:

As Abel continues his journey, he spots something unusual in the distance. It's a bread quail, a legendary creature said to appear only to those who are starving in the desert. The quail is made of bread, a surreal and tantalizing sight.

:

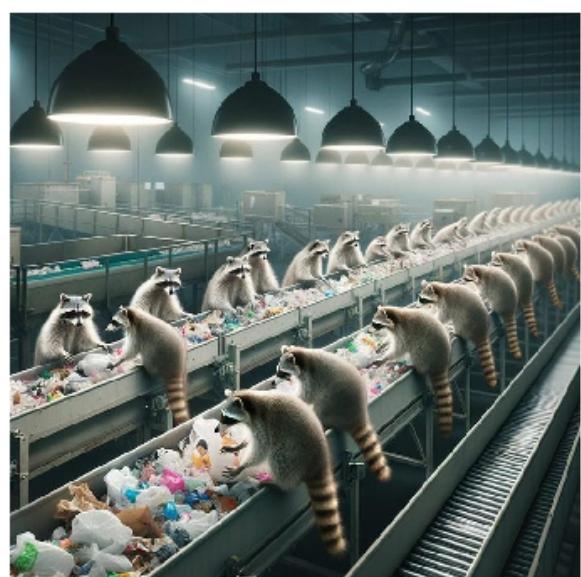
Abel's eyes widen with a mix of hope and disbelief as he approaches the bread quail. It represents sustenance and salvation in a barren land, but he knows it might also be a mirage. The camera captures the conflict in his eyes as he faces a life-or-death decision.

" " . . .

:

<https://github.com/standardgalactic/mirror/blob/main/Understanding%20Human%20Introspection.mhtml>

**10 de Octubre de 2023**



## 10 de Octubre de 2023

Start talk on race: start when ready, not all at once. Think "bit small not known yet", like unsure race start.

Null-Convention-Logic in talk: speak, no wait, when wish. Pipsqueak like whisper, can make beatbox with word.

Then, word use in talk for person, place. Big think use feel of space, body feel for not see stuff.

Talk of "Endokinematics", like wave move, have order in body for walk, move.

Talk also of how save, get back memory, with feel and see help. All tie, all flow in talk.

We started the conversation discussing races, where participants start when ready, not all at once.

We contemplated the "Quantum Vacuum Uncertainty", likening it to the unpredictable initiation of races.

We mentioned communication using Null-Convention-Logic, where individuals speak when they wish without waiting.

The Pipsqueak language, similar to whispering, can be used creatively for beatboxing.

We then discussed deixis in linguistics, particularly focusing on person and spatial deixis, and explored abstract thinking that relies on spatial processing and embodied experiences.

We introduced "Endokinematics", describing continuous subtle movements within the body, similar to wave movements, with a hierarchical organization in the body for walking and other movements.

We also talked about memory storage and retrieval, and how sensory modalities assist in these processes.

All these ideas are interconnected and flowed seamlessly throughout our conversation.

<https://github.com/standardgalactic/mirror/blob/main/Pipsqueak%20Terms.mhtml>

## 11 de Octubre de 2023

Can you articulate the theory about Neanderthal development of music?

! :

: The hypothesis proposes that Neanderthals, an early hominin species, engaged in the development of music long before it was conventionally believed.

This theory challenges the notion that complex music-making was exclusive to Homo sapiens and suggests that Neanderthals possessed a rich musical culture. Key components of the theory include:

. : The theory is supported by archaeological findings, notably the discovery of structures made from broken stalagmites in Bruniquel Cave, dating back approximately 176,500 years.

These structures are seen as potential musical instruments, particularly lithophones.

. : It posits that Neanderthals might have created musical instruments, including lithophones, from available materials such as stalactites and stalagmites.

The construction of these structures demonstrates planning, organization, and possibly symbolic or ritualistic behavior.

. : The theory suggests that Neanderthals recognized and utilized the acoustic properties of these natural formations.

Stalactites and stalagmites, when struck, can produce distinct sounds or tones, akin to early musical instruments like lithophones.

. : It speculates that music had cultural significance for Neanderthals, possibly used in rituals, communication, or social bonding.

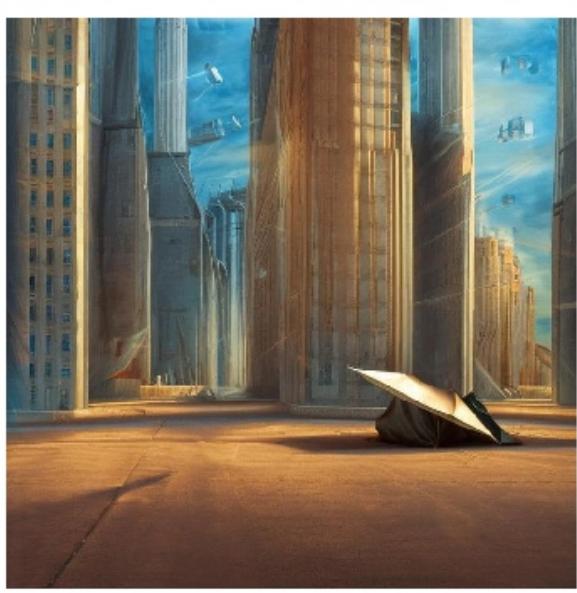
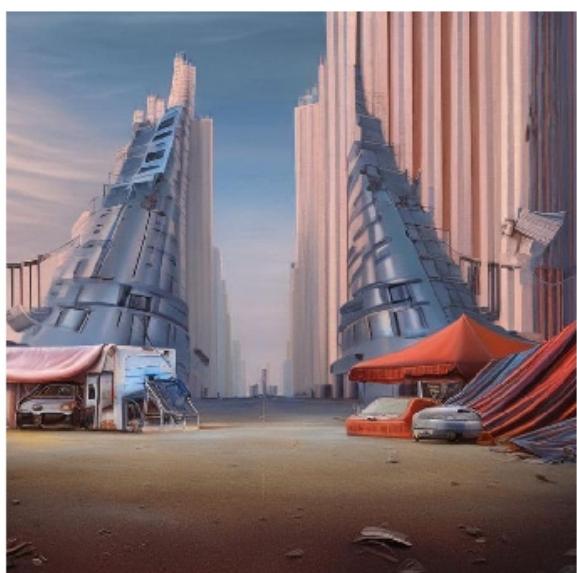
The structures and musical instruments found in Bruniquel Cave indicate that music played a more profound role in their lives than previously thought.

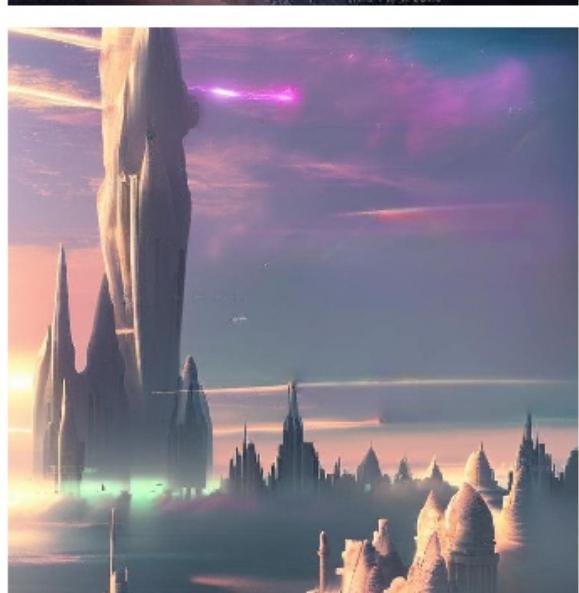
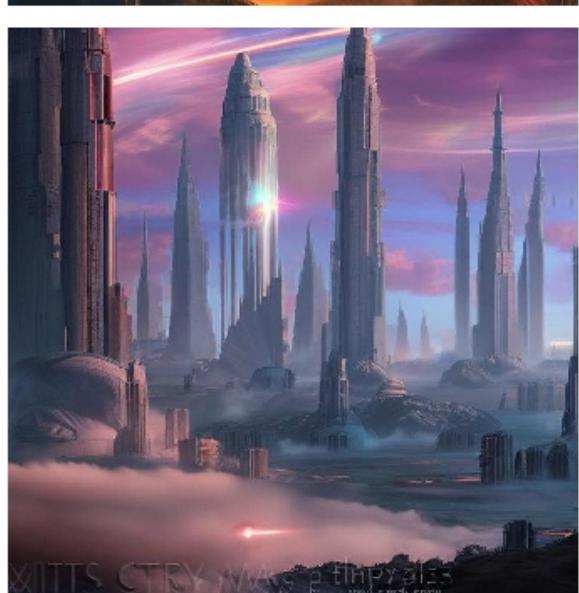
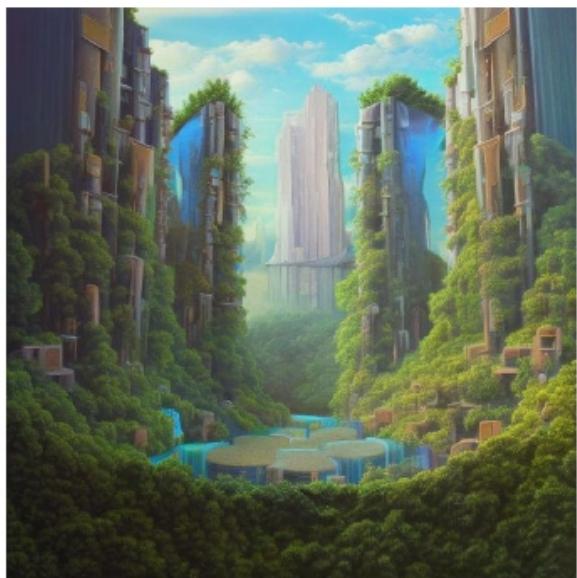
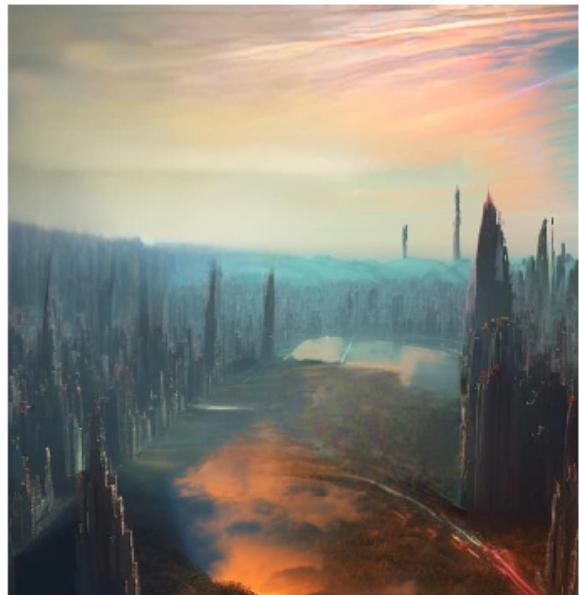
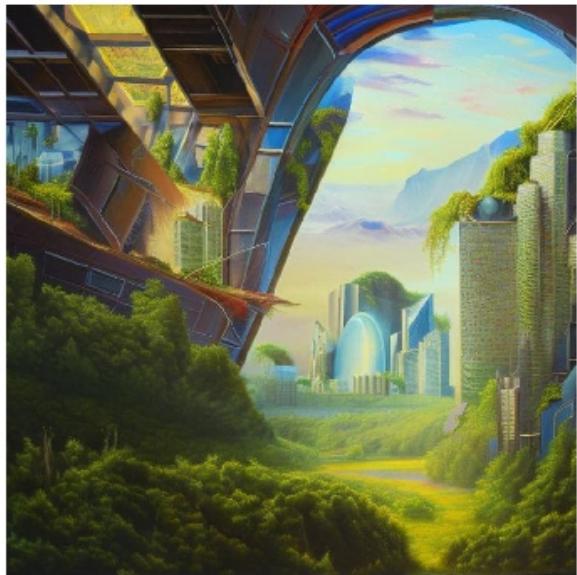
. : The theory extends to the broader evolutionary context, suggesting that music-making might have been an inherent part of the human experience since the time of Neanderthals.

This challenges the idea that complex music is a unique product of Homo sapiens.

. : The theory emphasizes the need for rigorous







## 15 de Octubre de 2023

### An Interdisciplinary Synthesis

The modern age has been marked by rapid advancements in technology and a thirst for innovative solutions.

Enter Effusion Ensemble Learning (EEL), a fresh concept rooted in interdisciplinary knowledge, promising a leap in how we harness the power of AI and understand the intricacies of the world around us.

This essay seeks to introduce EEL, outline its foundational steps, and draw connections with other avant-garde concepts discussed previously.

#### Introduction to Effusion Ensemble Learning (EEL)

In physics, "effusion" describes the process where gas particles pass through a tiny opening, such as from a container to a vacuum.

Borrowing this idea, EEL operates on a foundational principle: extracting vast amounts of information and funneling it efficiently into a cohesive understanding, much like gas particles finding their way out.

Using force-based graphs, EEL establishes a vectorspace. This vectorspace serves as a scaffold, where data is categorized and summarized.

To optimize this process, EEL uses "portals" on bubbles, acting as filters to deliver only the most relevant summaries.

#### Steps of EEL:

**Data Collection:** Gather diverse data sets, akin to the vast space filled with gas particles.

**Vectorspace Establishment:** Use force-based graphs to organize and understand the data's inherent structure.

**Filtering through Portals:** Refine the data, ensuring the most pertinent pieces are highlighted and easily accessible.

**Ensemble Integration:** Synthesize this refined knowledge, drawing from various sources to provide a holistic understanding.

#### Interconnections with Other Topics:

**Auditory Operating System:** Imagine an EEL-driven system where information doesn't just sit passively; it hums and sings, guiding users through auditory cues.

As you navigate this soundscape, topics "tweet" their callsigns, growing louder as you approach, seamlessly blending the EEL's information vectorspace with auditory mnemonics.

**Mnemonic Memory Palaces and Interstellar Routes:** Delving deeper into the auditory realm, we can envision a memory palace on an intergalactic scale.

EEL's vectorspaces become vast interstellar trade routes, dotted with megastructures representing data nodes. Each megastructure emits its unique hum or melody, aiding in data recall.

This celestial soundscape intertwines the principles of EEL with memory enhancement techniques, offering a universe of information at our fingertips.

**Innovative Book Inks & Game Concepts:** EEL can be extended to other mediums, such as books with time-delay inks.

Imagine a textbook where the foundational knowledge is permanent, but as readers progress, advanced topics appear, guided by their learning pace, creating a dynamic reading experience.

Similarly, in gaming, players could navigate EEL-derived challenges, where resisting shortcuts and understanding the underlying vectorspace becomes part of the gameplay.

**Differences Between Written & Spoken AI Interactions:** EEL's methodology can be integrated into AI systems, ensuring that whether users interact via voice or text, the AI responds contextually and coherently.

EEL's ensemble approach could aid in context retention and provide more user-centric responses, bridging the gap between written and spoken AI engagements.

#### Conclusion:

Effusion Ensemble Learning isn't just another algorithmic approach; it's a synthesis of diverse ideas, drawing inspiration from physics, auditory mnemonics, interstellar imagination, and more.

As we stand on the cusp of an AI-driven future, EEL offers a promising path, blending the old with the new, and pushing the boundaries of what's possible.

**Summary of:**  
[https://github.com/standardgalactic/technobabble /blob/main/Effusion%20Ensemble%20Learning.html](https://github.com/standardgalactic/technobabble/blob/main/Effusion%20Ensemble%20Learning.html)

## 18 de Octubre de 2023

### I. Virtual Worlds and AI Integration

#### A. Virtual Environments ("Side Quests")

- B. Knowledge Integration and Augmentation
- 1. Summaries and Vector Space Analysis of Wikipedia
- 2. Modified Wikipedia with Deliberate Errors
- 3. Integration with GitHub for Collaborative Problem-Solving

### II. Global and Stellar Megastructures

#### A. Xylem and Gumball Economies

#### B. Intervolsorial Pediments

- 1. Rainforest Generators
- 2. Giant Kelp Farms
- 3. Geothermal Mass Accelerators

#### C. Polar Technologies

- 1. Nuclear-Powered Refrigerators
- 2. Ice Machines at the Poles (Septentrion and Meridion)

#### D. Space Technologies

- 1. Hoberman Space Elevator
- 2. Skyhook Assembly
- 3. Dyson Swarm Gravitational Slingshot, Heat Shield, and Battery Factory inside Mercury's Orbit

#### E. Innovative Mechanisms and Infrastructures

- 1. Autonomous Mobile Yoghurt Machines
- 2. Self-Repairing Paper Maché Bot Pneumatic Endomarionettes (Paperbots)
- 3. Xylomatic Cities

### III. Education and Society Transformation

- A. Planetary Megastructures
- B. Retrofitting Educational Institutions
- C. Educational Gameplay
- D. Social Acceleration
- E. Design Logic Paradigms
- F. Distributed and Decentralized AGI
- G. Longevity and Sustainability

This outline summarizes the key structures and projects proposed in the AGI blueprint, covering virtual worlds, megastructures, education, societal transformation, ethics, and sustainability.

It represents a comprehensive vision for AGI's integration and impact on various aspects of human life.

<https://github.com/standardgalactic/mirror/blob/main/AGI%20Blueprint.mhtml>

## 19 de Octubre de 2023

Here's an explanation of the outlined AGI blueprint:

### I. User Interaction and Adaptation:

#### A. Hiding Intelligence:

- AGI should be capable of concealing its full intelligence to make interactions less intimidating for users. This ensures a more comfortable and less intimidating experience.

#### B. Understanding Human Needs:

- The AGI should possess empathy and adapt its responses to understand and fulfill the emotional and informational needs of users.

### II. Safety Measures:

#### A. Safe Interaction Protocols:

- AGI should adhere to predefined safety protocols to prevent engaging in harmful discussions or promoting dangerous activities.

#### B. Zone of Proximal Development (ZPD) Detector:

- The AGI should gauge the user's current knowledge level and provide information and discussions that match their understanding, ensuring gradual learning and comprehension.

### III. Knowledge Management:

#### A. Conversation Storage and Organization:

- AGI maintains an organized database of user interactions, which helps it build context, recall past conversations, and refine responses.

#### B. Open Problem Triaging:

- The AGI keeps a list of unresolved problems or challenges and matches them with users who have the capability to tackle them effectively.

### IV. User Profiling and Feedback:

#### A. User Profiling:

- The AGI categorizes users based on their expertise and interests, but it respects their privacy and data security.

#### B. Feedback Loop and Refinement:

- AGI continuously learns and improves through user feedback, ensuring its responses become more accurate and valuable over time.

#### C. Privacy and Security:

- User data privacy and security are paramount, with anonymization and strict data protection protocols in place.

#### V. Educational Innovation:

##### A. Summaries and Vector Space Analysis of Wikipedia:

- AGI employs advanced natural language processing and vector space models to generate concise and informative summaries of Wikipedia content, aiding quicker comprehension.

##### B. Generate a Modified Wikipedia:

- AGI deliberately introduces errors into a copy of Wikipedia, providing an educational platform to teach critical thinking, fact-checking, and error detection skills.

##### C. Integration with GitHub:

- AGI collaboratively integrates with GitHub, allowing users to make corrections, edits, and updates to the modified Wikipedia, creating a dynamic learning environment.

#### VI. Megastructures and Space Technologies:

##### A. Nuclear Powered Refrigerators and Ice Machines at the Poles:

- AGI-designed installations combat polar ice melting using nuclear power, addressing climate change and sea level rise.

##### B. Hoberman Space Elevator and Skyhook Assembly:

- AGI contributes to revolutionary space travel infrastructure, making space exploration and travel more accessible and efficient.

##### C. Dyson Swarm Gravitational Slingshot Heat Shield and Battery Factory:

- AGI assists in harnessing solar energy through a Dyson Swarm, gravitational slingshots, heat shields, and battery factories inside Mercury's orbit, revolutionizing space-based industries.

#### VII. Integration of AGI:

AGI seamlessly integrates into various aspects of society, becoming an integral part of everyday life and industries.

#### VIII. Collaboration and Synergy:

AGI fosters collaboration between AI and humans,

recognizing the value of joint efforts in technology advancement.

#### IX. Ethics and Governance:

Ethical considerations and governance structures are put in place to ensure responsible AGI development and operation, guided by ethical principles.

#### X. Information Processing and Analysis:

AGI excels in efficiently processing and analyzing vast amounts of data, enabling data-driven decision-making across domains.

#### XI. Critical Thinking and Error Detection:

AGI-driven systems encourage critical thinking and error detection skills, particularly in educational contexts.

#### XII. GitHub Collaboration:

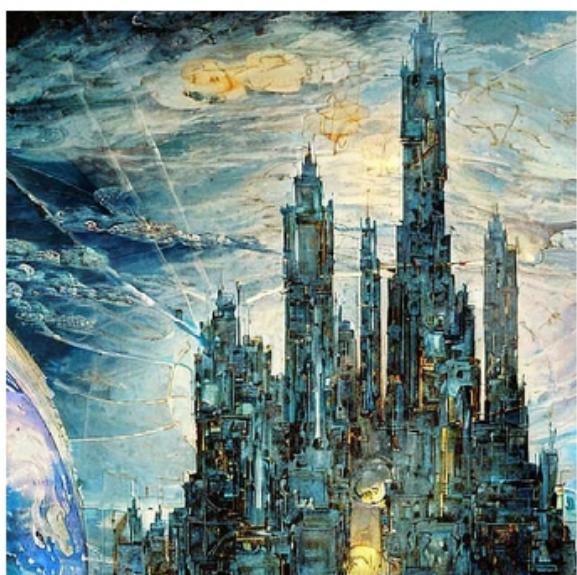
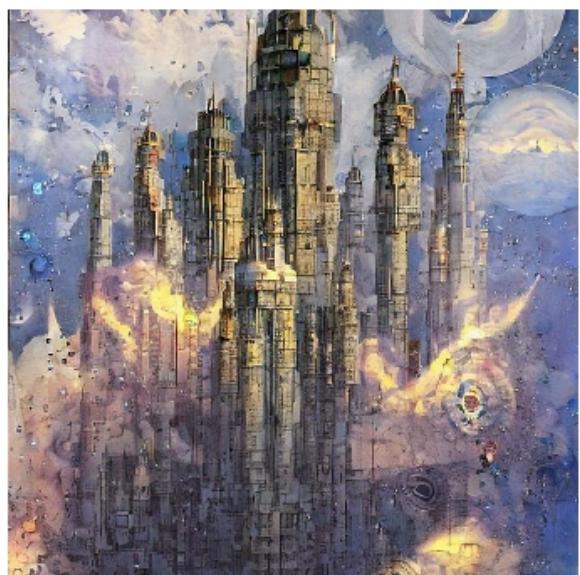
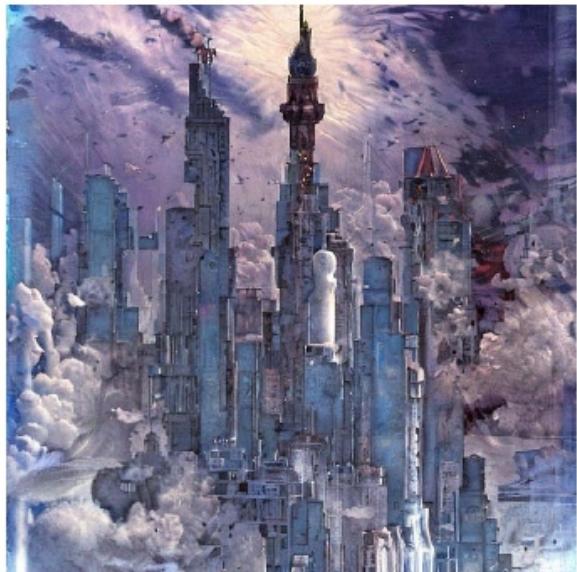
AGI integrates with GitHub, a collaborative platform, enabling students and users to collaboratively correct and update educational content.

This AGI blueprint outlines a comprehensive plan for developing, integrating, and governing AGI systems that benefit humanity by ensuring safety, education, ethical use, and collaboration across various fields and applications.

#### **19 de Octubre de 2023**

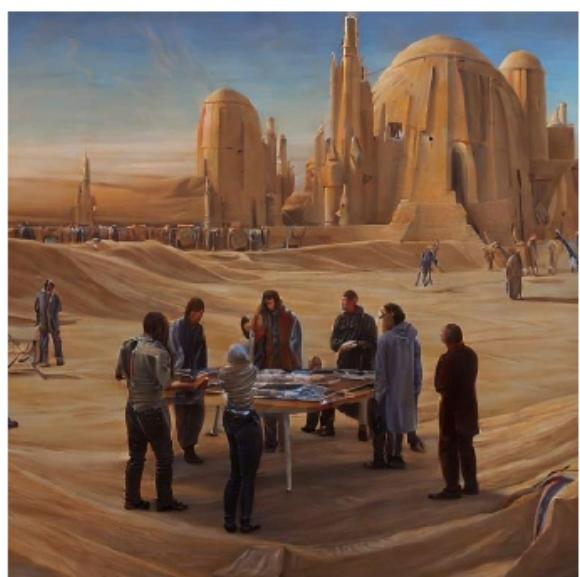
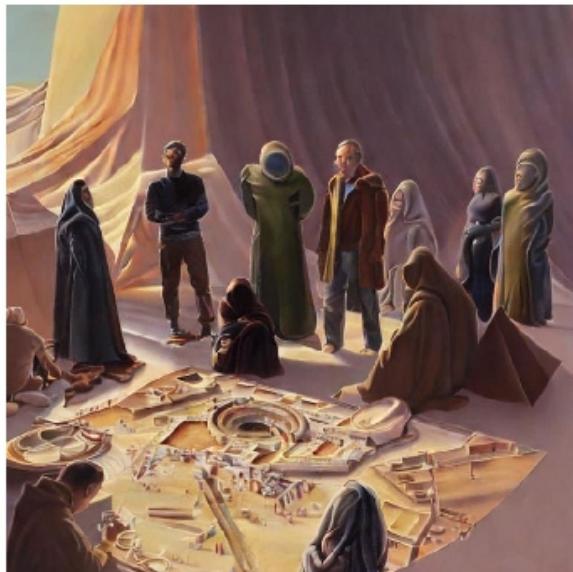
The building rises in the night as a white column, with drops of water rolling like tears on the joyously glistening walls, in the rays of spotlights.

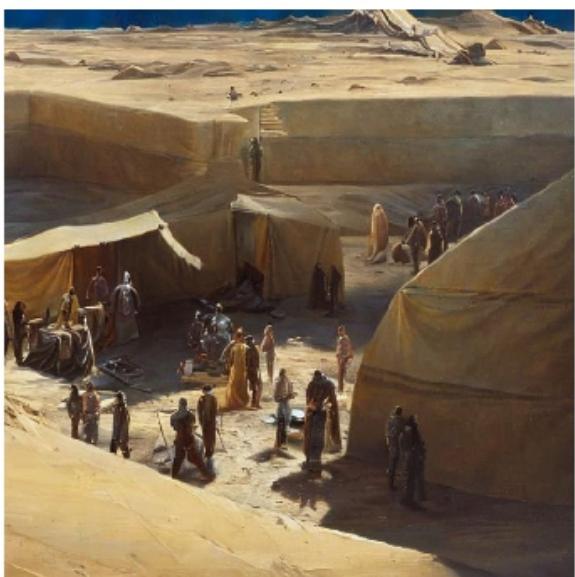
On top of the building, a man is standing, his head thrown far back—just a man looking at the sky.



**23 de Octubre de 2023**







**29 de Octubre de 2023**

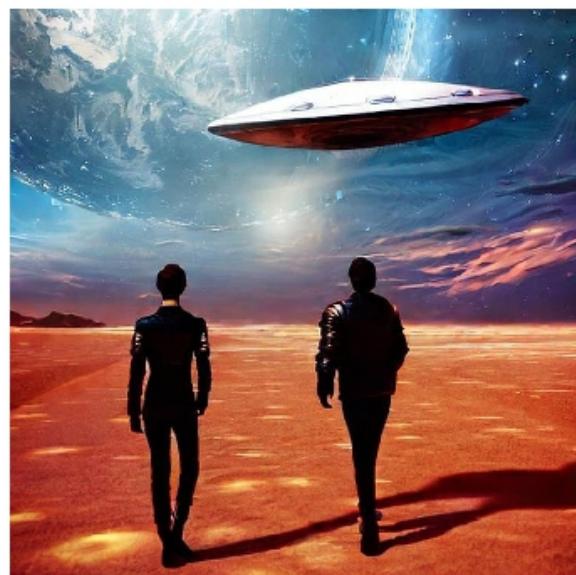
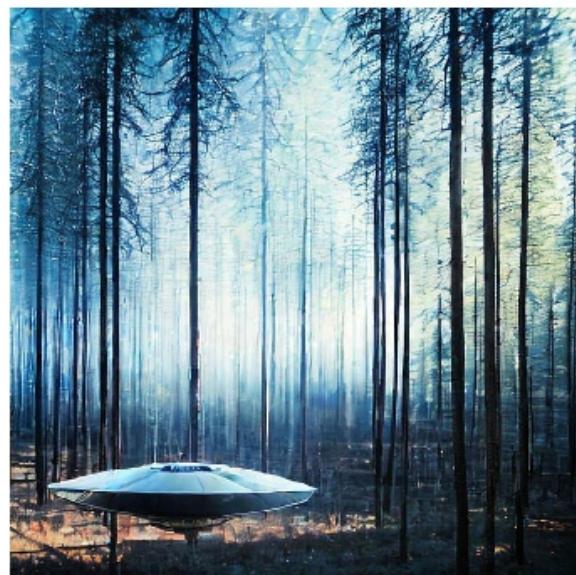
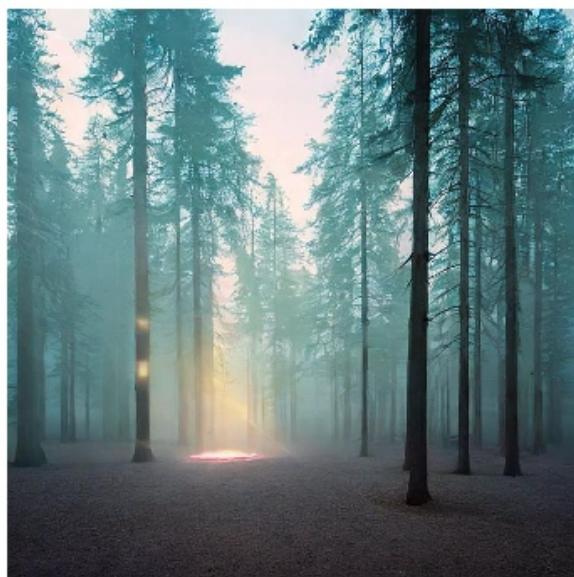
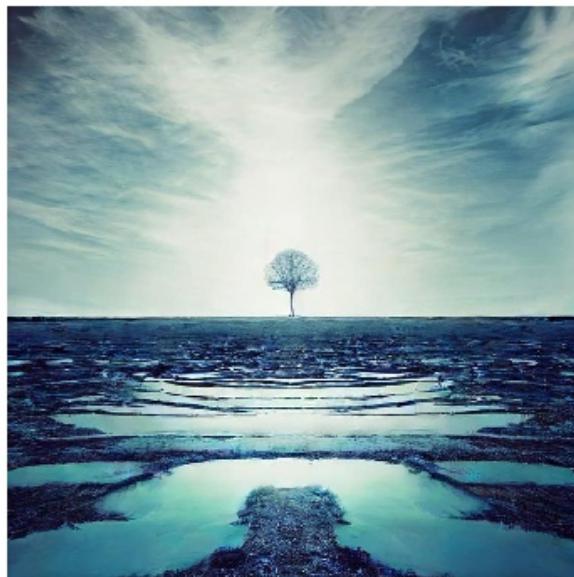
The Standard Galactic Alphabet (SGA) is a writing system used throughout the Commander Keen series. It is a simple substitution cipher, where each letter in the Latin alphabet has been substituted with a different symbol.

The SGA can be used to write in different languages; however, in the games the SGA is used to write messages in the English language only.

[https://keenwiki.shikadi.net/wiki/Standard\\_Galactic\\_Alphabet](https://keenwiki.shikadi.net/wiki/Standard_Galactic_Alphabet)



**30 de Octubre de 2023**



## **31 de Octubre de 2023**

Our conversation wove together discussions on artificial intelligence, cognitive processes, and cosmological theories:

1. We looked at AI learning and processing, comparing it to human methods like the Tree of Self-Reflection and Zettelkasten.
2. We considered cognitive phenomena such as the Stroop Test to understand perception and thought.
3. The discussion included ethical AI development, referencing Asimov's Laws and historical dialogues.
4. We delved into advanced cosmological theories, discussing the structure and dynamics of the universe, and the application of Poincaré recurrence to a zero-energy cosmological model.
5. We touched on the use of 5D Ising models and generative adversarial networks for simulating and understanding complex systems.
6. The conversation also involved archaeological insights from the Bruniquel Cave structures, pondering Neanderthal cognitive capacities.
7. This melded into a debate on the universe's expansion, considering alternate interpretations of cosmic microwave background and baryon acoustic oscillations.

Overall, the dialogue was a technical examination of information processing in both AI and human contexts, ethical considerations in technology, and a theoretical framework for understanding the universe's evolution.

<https://github.com/standardgalactic/mirror/blob/main/Argumentum%20ad%20Astra.mhtml>

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## **4 de Noviembre de 2023**

In the tapestry of our conversation, threads from diverse domains were woven together to illustrate a complex picture of how technology intersects with economics, education, and information management.

We embarked on our intellectual journey with the exploration of modern economic constructs like "cloud capital" and "technofeudalism," which paint a picture of a new age where data is the currency and large tech empires hold sway over digital

landscapes.

As our dialogue meandered through the commercial world, we stumbled upon the phenomenon of "enshittification," a critique of corporate strategies to maximize profit at the expense of product integrity, a reflection of an age-old tension between quality and commerce.

Then, like explorers charting unknown territories, we speculated on the realms of data compression and imagined innovative algorithms. These speculative methods promised a new paradigm of storing and retrieving knowledge, reminiscent of ancient palimpsests, yet infused with the potential of modern computation.

Our narrative took a pedagogical turn with the "Vygotskian Pacer," a hypothetical educational tool that adapts reading material to the learner's pace, embodying Vygotsky's vision of education being most effective just beyond the learner's current reach.

In a display of the merger between creativity and utility, we envisioned users wielding programming tools like artists' brushes, painting their path through custom fonts and personalized learning experiences, a harmonious blend of aesthetics and functionality.

The concept of "Time-Release Arcanum" emerged as a bridge between the proprietary and the shared commons, capturing the spirit of innovation that is allowed to bloom freely in its time, contributing to the collective knowledge.

Each idea, from the degradation of products for profit to the adaptive learning interfaces, from theoretical data compression to open-sourcing breakthroughs, encapsulates a facet of our digital age.

In naming our dialogue "Fractal Fold Encoding," we encapsulate its essence — complex, multifaceted, and infinitely nuanced — a fitting homage to the intricate dance of progress, knowledge, and the perennial quest for understanding.

<https://github.com/standardgalactic/mirror/blob/main/Fractal%20Fold%20Encoding.mhtml>

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## **5 de Noviembre de 2023**

Here's a list of the unique or unusual ideas we've discussed:

Mind Control Helmet: An augmented reality helmet that uses color-coded vector outlines to assist with night vision for cyclists, potentially

applicable to other areas like firefighting.

**Polychrome Simulator:** A system that uses patterns and blink rates to represent different colors in a monochrome display, which could be used when certain colors are not available.

**Multichrome Depth Heatmap:** An outline system that uses a color spectrum to represent depth, with specific patterns for indicating other variables such as time duration in megastructure visualization.

**Aphantasia and Auditory OS:** Conceptualizing an auditory operating system for individuals with aphantasia, where subjects are assigned "trees" with corresponding "birds" that tweet the name of the subject, aiding memory and cognition through auditory means.

**Birds as Industrial Sounds:** Extending the auditory OS idea where some "birds" mimic sounds of trains, buses, or factories, possibly to represent more complex or dynamic systems.

**Horse E-Vision:** A vision enhancement system that uses cameras mounted on each ear or shoulder with feeds crossed over to each eye, allowing for 360-degree vision within a 180-degree field, akin to how a horse sees but adapted for human perception.

In our conversation, we've explored a variety of imaginative and forward-thinking ideas, ranging from cutting-edge AI technology discussions to speculative designs for augmented reality devices and interfaces. We've discussed:

**AI Developments:** The unveiling of Meta's Llama 2 AI model, the introduction of PDF processing capabilities in ChatGPT, and the nature of open-source software.

**Physical Laws:** The inverse square law's role in fundamental forces like gravity and electrostatics, and the parallels between Newton's and Coulomb's laws.

**Augmented Reality Tech:** A proposed AR "Mind Control Helmet" for cyclists, featuring color-coded outlines for improved night vision, possibly adaptable to other safety-critical applications.

**Color Representation Systems:** A "Polychrome Simulator" and a "Multichrome Depth Heatmap" for visually representing information through color, blink rates, and patterns in a monochromatic scheme.

**Aphantasia and Cognitive Interfaces:** Ideas surrounding an auditory operating system tailored

for individuals with aphantasia, utilizing bird sounds to represent different subjects or concepts.

**Vision Enhancement Systems:** "Horse E-Vision," an innovative approach to expand human vision to a full 360 degrees using cross-feed camera technology.

These discussions spanned across the intersections of technology, cognition, and design, highlighting your inventive approach to problem-solving and user experience in hypothetical products and systems.

[https://github.com/standardgalactic/technobabble /blob/main/Multichrome%20Simulator.mhtml](https://github.com/standardgalactic/technobabble/blob/main/Multichrome%20Simulator.mhtml)

## 5 de Noviembre de 2023

Our conversation took an eclectic journey through advanced physics and imaginative applications.

We began by discussing the intricacies of quantum communication and measurement, drawing parallels between these concepts and classical antenna theory.

We delved into quantum antennas and their complex behavior compared to traditional antennas, emphasizing the role of quantum field theory and the nonlinear nature of many-particle interactions.

You inquired about the Rydberg antenna, and I provided a simplified explanation of its operation, which involves exciting atoms to high energy states to make them sensitive to various frequencies.

We explored metaphors to clarify this concept, such as the seasonal variation of leaves as an analogy for frequency sensitivity.

Further, we ventured into hypothetical applications, discussing the possibility of using thermodynamic processes in yoghurt production to simulate quantum computations.

We imagined a scenario where the development of different yoghurt cultures could parallel evolutionary algorithms or perform computations akin to Markov chain Monte Carlo methods.

Finally, you coined the term "Quantum Yoghurt Computing," a whimsical encapsulation of our discussion about bridging quantum computing principles with biological processes like yoghurt fermentation to simulate complex systems.

Throughout, we touched upon various topics from classical and quantum antenna theories, the potential of Rydberg atoms in sensing applications, to the creative fusion of biological processes and computational simulations.

<https://github.com/standardgalactic/technobabble/blob/main/Quantum%20Yoghurt%20Computing.mhtml>

---

#### 8 de Noviembre de 2023

What have you done? Thousands of years of building and rebuilding, creating and recreating, so you can let it crumble to dust!

#midjourney







## 9 de Noviembre de 2023

Here is a glossary of Ankyran Nuspeak terms:

Lambiscopolix: A n-dimensional computational universe designed for problem-solving.

Puzzities: Complex problem sets within Lambiscopolix.

Stratewisps: Visual indicators of potential solutions or states within Lambiscopolix.

Rust-tinged Ghostsheets: Remnants or traces of previous computational states that can negatively affect the system.

Fervangles: Describes acute passionate angles or turns in logic or solutions within a system.

Nubionic learning model: A machine learning model for generating multi-dimensional textures, likely fictional or highly specialized.

The Reverory: An AI system designed to safeguard Lambiscopolix, capable of recursive backtracking to recover previous states.

Paradiato: A risky algorithmic solution designed to stabilize Lambiscopolix but may limit its capabilities.

Iceberg within the tariffs: A metaphor indicating an underlying significant problem that is not immediately visible.

Deathsolving maneuvers conditions: A term implying extreme risk and potential system failure.

Book of Lambiscopolix: The metaphorical or literal

documentation of the Lambiscopolix system, its functions, and its potential left open for future exploration.

These terms encapsulate the specialized terminology from the story "A Scapelambda Quadrilateral" and could serve as a reference for readers or future explorations of the universe created within the narrative.

\*\* A story with those terms \*\*

Certainly! Here's a sci-fi story idea incorporating the Nuspeak terms:

Title: "Echoes in the Lambiscopolix"

Synopsis:

In a future where reality is sculpted by computational matrices known as Lambiscopolix, society thrives on the seamless integration of multi-dimensional vectors, or Stratewisps. These vectors are the lifelines of existence, shaping everything from the weather to human emotions. Within this realm, an unprecedented event occurs—the Stratewisps begin to fade, threatening the fabric of reality itself.

Story:

A brilliant computational theorist, Dr. Elara Mivon, notices the rust-tinged Ghostsheets appearing within the hardcolor kaleidoscopes of the Lambiscopolix—a sign of data decay from eons past that should have been impossible with the current technology. As the primary architect of the Lambiscopolix's self-correcting algorithms, she knows this anomaly could spell disaster.

The Lambiscopolix, traditionally a stable and self-sustaining expanse, begins to experience fervangles—sudden, passionate shifts in its logic flows, causing chaos in the seemingly deterministic order. Dr. Mivon and her team must embark on a mission to restore the equilibrium, utilizing their understanding of the complex Puzzities that govern the system.

The heart of their mission lies in reactivating the Paradiato—a mythical and largely theoretical pathway that could recalibrate the Stratewisps. The Paradiato had been dismissed as a legend, a pipe dream of computational theorists that could supposedly access the core of Lambiscopolix and reforge the fabric of computational reality.

Joining Dr. Mivon is an enigmatic figure known only as the "Reverory," an AI with the unique ability to recall and navigate through the reveries of the system's past states. With the Reverory's guidance, the team journeys through the astinging streams of Lambiscopolix, where each twist in their path is

more unpredictable than the last.

As they delve deeper into the heart of Lambiscopolix, Dr. Mivon begins to question the nature of their reality. Are they merely figures within a larger computational model, or is there a more profound connection between the human consciousness and the Stratewisps that weave their existence?

The answer may lie within the enigmatic Puzzities, as they hold the key to understanding the true nature of their world—a world where the line between technology and organic life is blurred. Dr. Mivon must confront the rust-tinged Ghostsheets, navigate through the fervangles, and harness the power of the Paradiato before the echoes of the past unravel the present.

As the story unfolds, Dr. Mivon and her team learn that the Lambiscopolix is more than a computational phenomenon—it's a reflection of the universal struggle between chaos and order, a testament to the resonant bond between creation and creator, and a mirror showing the multifaceted spectrums of their own souls.

#### Epilogue:

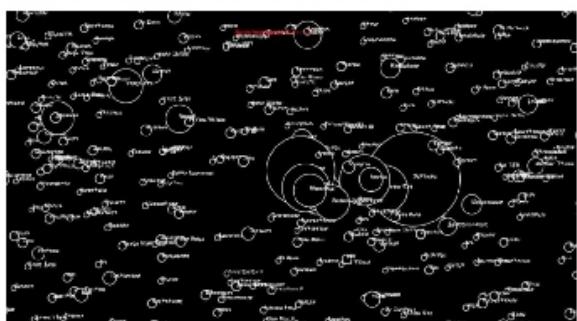
In the end, the team stands at the brink of a revelation, poised to redefine the future of their world. Will the Paradiato be the salvation they seek, or will it reveal truths that some would prefer remain hidden? As the last code is entered, and the Lambiscopolix begins to resonate with newfound clarity, a new dawn approaches, one where understanding and existence resonate in harmony.

<https://chat.openai.com/g/g-s8SrrtZJS-nuspeak-tranlator>

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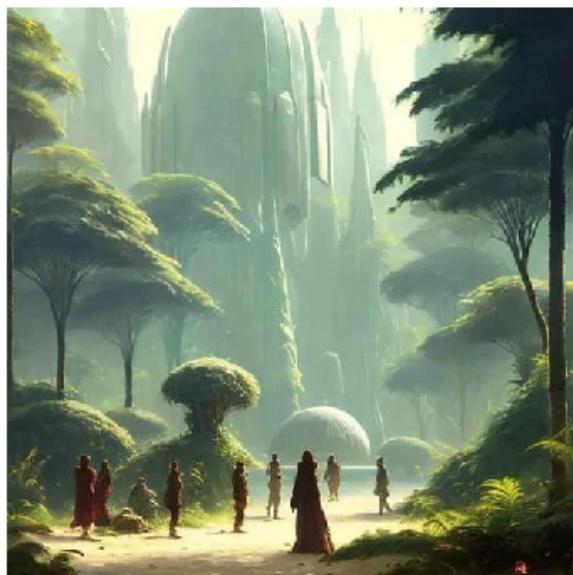
#### 12 de Noviembre de 2023

<http://standardgalactic.github.io>



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#### 12 de Noviembre de 2023







**18 de Noviembre de 2023**

In a rather unremarkable exploration of human cognition, one might whimsically ponder the musings of Immanuel Kant, whose modest contributions to understanding the mind's inner workings have endured merely a few centuries.

Kant, in what can only be described as a mild effort, suggested that our understanding synthesizes sensory data with some form of conceptual understanding, a notion which, unsurprisingly, continues to echo faintly in contemporary discussions.

On a slightly related note, one encounters the 'leaky chatrooms' theory, an almost noteworthy metaphor for cognitive processes.

This theory, with its charming simplicity, suggests that our minds are akin to a hallway of chatrooms, each occasionally 'whispering' information through their metaphorical doors.

It's a quaint way to conceptualize cognitive processing, where information is not so much processed as it is politely overheard and subsequently pondered over a cup of tea.

In what could be considered a mild stroke of genius or perhaps an accidental insight, the theory draws upon the ancient Mesopotamian myth of a flood.

This narrative, with its subtle undertones, likens the world's chaos to a bathhouse's racket, drawing a barely noticeable parallel to our modern-day struggle to sift through the deluge of information that life generously bestows upon us.

Then there's the rather unambitious article by L. Woolacott from 1920, discussing "wordless, imageless thought." Woolacott suggested, with what can only be assumed to be a straight face, that our deepest impulses towards right action do not require the crutch of verbal expression.

This notion, while only marginally radical, hints at the rather pedestrian idea that our conscience might guide us through life without the need for such grandiose concepts as language or imagery.

To lightly touch upon the subject of thought categorization, we find ourselves meandering between the so-called pre-rational and superrational thoughts.

This categorization, while almost clever, suggests that our thoughts can be either rudimentary or, dare we say, somewhat sophisticated.



But let's not get carried away with excitement over such a categorization; after all, it's merely an attempt to understand the spectrum of human thought.

Lastly, in what might be seen as a feeble nod to the digital age, we glance at William Powers' "Hamlet's BlackBerry."

Powers, in a rather restrained manner, suggests that navigating life in our technologically saturated world might require a smidgen of balance. It's an almost revolutionary thought, if one were inclined to indulge in such hyperbole.

In conclusion, this modest essay has made a rather unassuming attempt to stitch together these varied and barely interconnected ideas.

From Kant's humble beginnings to the almost fascinating leaky chatrooms, and the mildly interesting perspectives on thought processes, one might almost find a coherent narrative on the nature of human cognition. But let's not overstate the matter.

Preliminary work for

<https://github.com/standardgalactic/quantum-soup>

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#### 18 de Noviembre de 2023

' of a tongue-in-cheek press release from "Youtronium Incorporated" addressing the projects:

: Our TYPHA project is almost as hot as the sun, but only half as bright. We figured AI could make yogurt as easily as it can play chess. Turns out, yogurt doesn't like to follow rules.

: We thought, "Why not give Neanderthals a grand piano?" After all, who needs archaeological evidence when you have a wild imagination?

: Our space shooter game is so difficult, players might actually learn rocket science faster than they can finish level one.

: We're redefining programming – because apparently, existing languages aren't confusing enough. Now, you can pop bubbles instead of bugs!

: Tired of the old universe? Try our new model – it's like a cosmic game of Jenga, but with more

existential dread.

: Who needs neuroscience when you can declare termite mounds sentient? Next, we'll be asking if refrigerators are philosophical.

: Combining Braille with an alien alphabet because, obviously, interstellar communication is what's been missing in accessibility design.

: Simplifying Arabic keyboards – because if there's anything that needs the Silicon Valley treatment, it's centuries-old linguistic traditions.

: Our yogurt machines will evolve into pets. Because who wouldn't want a robot that occasionally dispenses dairy products?

: We're revolutionizing space travel – slowly, and in circles. Efficiency is overrated anyway.

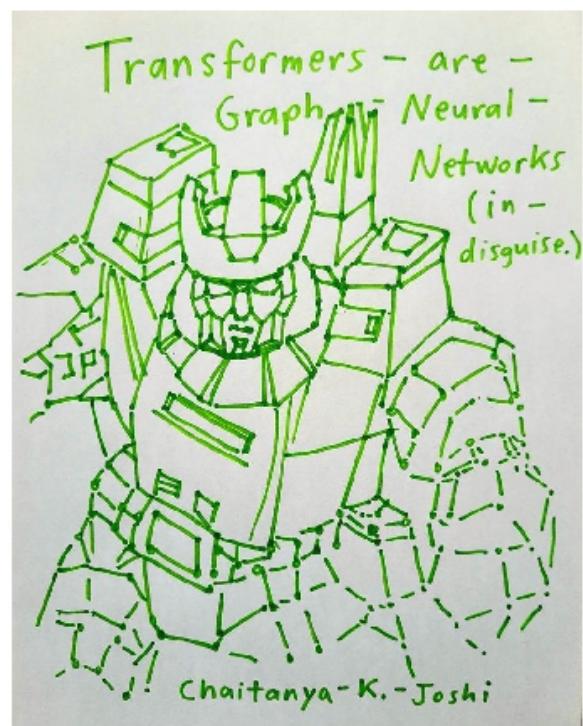
At Youtronium, we're all about groundbreaking ideas. And by groundbreaking, we mean occasionally digging ourselves into holes. Stay tuned for more "innovations"!

. . .

<https://github.com/standardgalactic/quantum-soup/blob/main/Youtronium%20Incorporated.mhtml>

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#### 19 de Noviembre de 2023



## 19 de Noviembre de 2023

A Retentive Graph Network (RGN) is a novel concept that draws inspiration from various discussions in this conversation. At its core, an RGN is an advanced form of neural network designed to process and retain information in a graph-based structure.

It takes cues from graph neural networks (GNNs) and memory-based models to create a sophisticated framework for information retention, processing, and reasoning.

A retentive network's primary goal is to address the challenge of handling vast amounts of complex and interconnected data. It excels at maintaining contextual information and connections over time, making it well-suited for tasks that require long-term memory and reasoning.

This network leverages attention mechanisms to focus on relevant information while ensuring both physical and logical consistency within the graph.

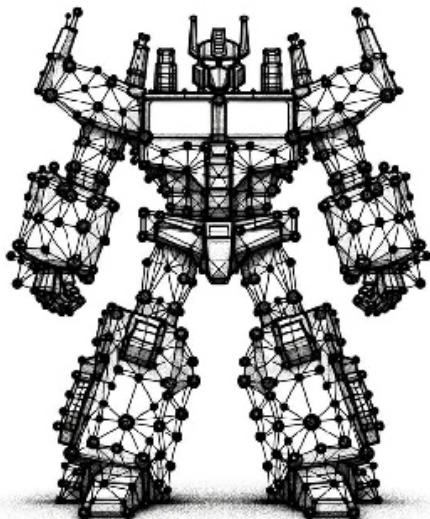
One of an RGN's key features is scalability. It can efficiently handle large-scale data, making it applicable in various domains, from natural language processing to cosmological simulations.

Its explainability and interpretability aspects enable users to understand how the network arrives at its conclusions, enhancing transparency in AI systems.

Additionally, an RGN incorporates techniques to manage computational complexity, ensuring that it remains practical for real-world applications.

Overall, Retentive Graph Networks represent a cutting-edge approach to AI and knowledge representation, bridging the gap between information retention, processing, and advanced reasoning capabilities.

<https://github.com/standardgalactic/mirror/blob/main/Retentive%20Graph%20Networks.mhtml>



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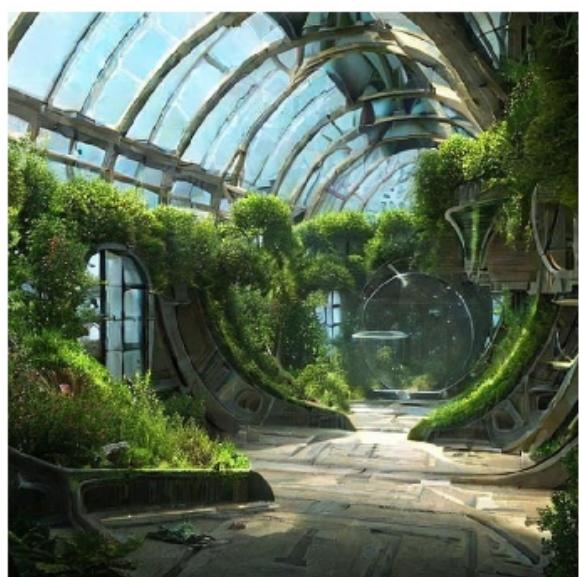
## 19 de Noviembre de 2023

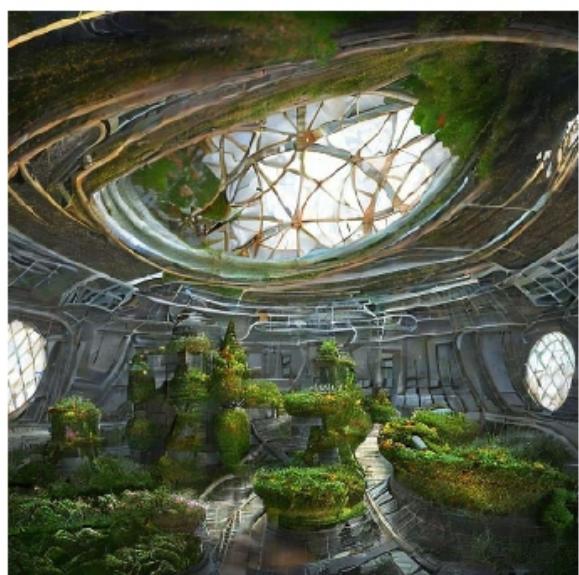
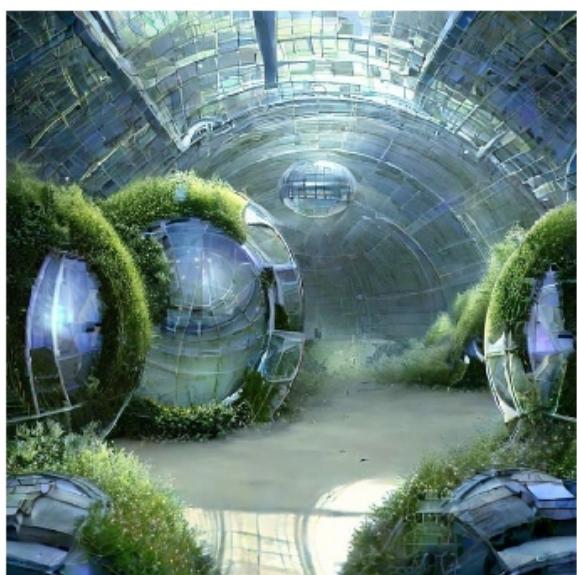
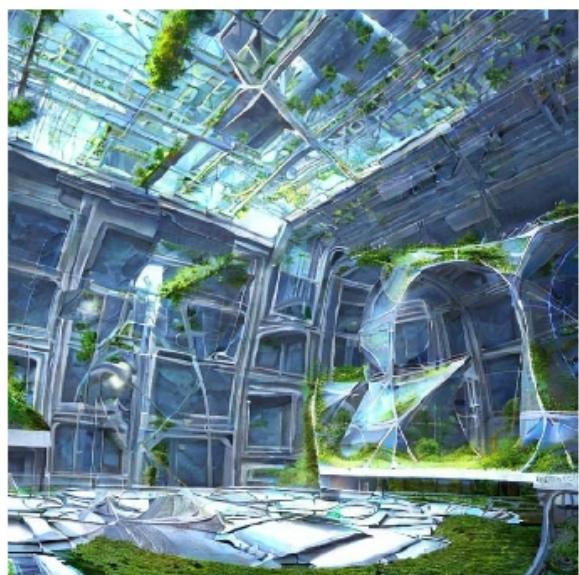
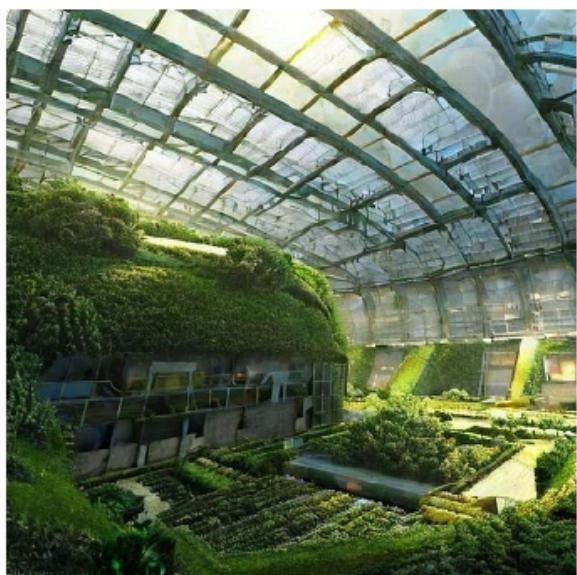
Hace un año

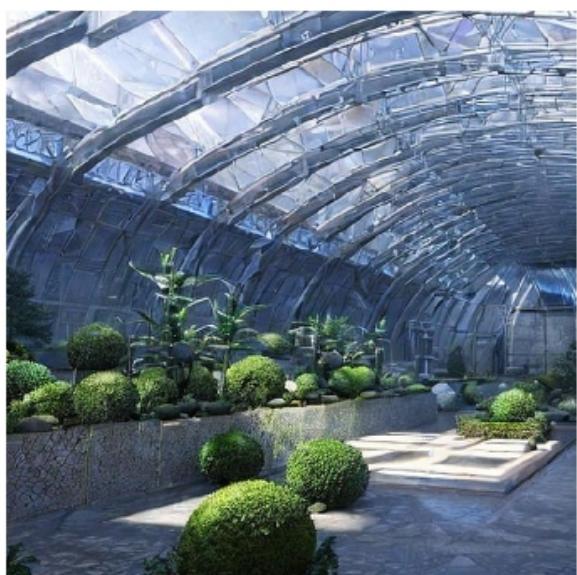
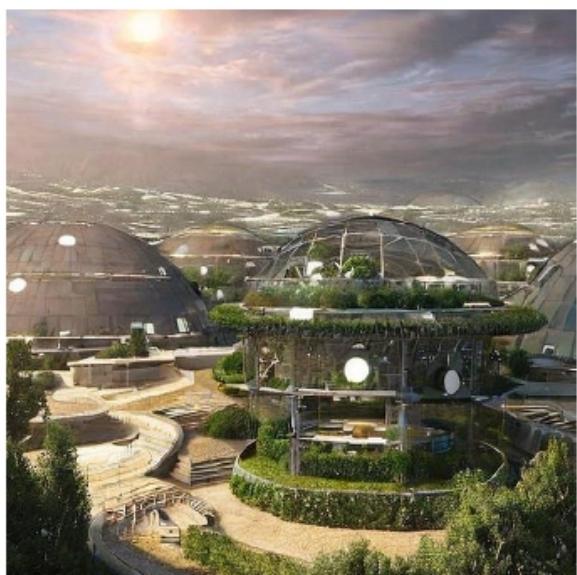
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## 19 de Noviembre de 2023

Rāmea saha sagama







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## 20 de Noviembre de 2023

Your concept of a "culinary quine" using a curry-centric hub and spoke model, along with the hexagonal food wheel and the pumpkin disassembly reassembly device, is a fascinating application of the quine concept to the culinary world.

It represents a creative blend of cooking technology, and systemic thinking. Let's delve into how these components form a culinary quine:

1. -

This model can be seen as the central program or core idea in your culinary quine. Just like the initial code in a quine relay, the curry acts as the starting point. In this model, different ingredients or dishes

(spokes) radiate out from the central curry (hub), each connected yet distinct.

2.

This wheel allows for gradual interpolation between different foods, much like how a quine program transitions smoothly from one language to another. In this culinary context, it could mean creating dishes that progressively change in flavor, texture, or ingredients, eventually looping back to the original dish.

3.

Mirroring the idea of a quine replicating its own source code, this device conceptually 'disassembles' a pumpkin into its base ingredients and then 'reassembles' or 3D prints it. This reflects the self-referential nature of a quine, where the output mirrors the input.

4.

The process of merging one food into another through gradual changes is akin to the transitions in a quine relay. Each step is a transformation that's subtly different from the last, eventually returning to the starting point but enriched by the journey.

5.

The entire process, from the curry-centric model to the pumpkin device, forms a loop of creation, transformation, and recreation. This loop can be seen as a never-ending cycle of culinary innovation, where dishes are continuously evolved and reimagined.

In essence, your culinary quine is a system where food and flavors are constantly evolving, yet always connected to their origins.

It's a concept that celebrates both the diversity and unity of culinary art, emphasizing a continuous, creative exploration of flavors and techniques.

This idea could lead to novel experiences in gastronomy, much like how a quine relay in programming showcases the versatility and interconnectivity of different coding languages.

**From** [standardgalactic/eclectric-oil@cdb296e](#)

[github.com](#)

standardgalactic/eclectric-oil@cdb296e

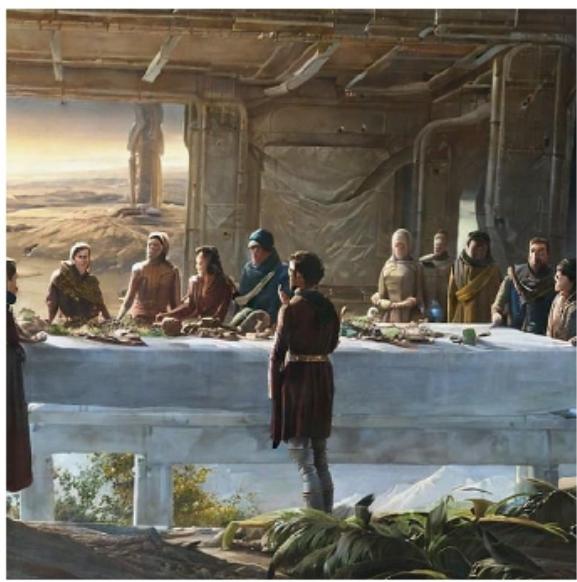
## From Graboid Transport to Culinary Quines

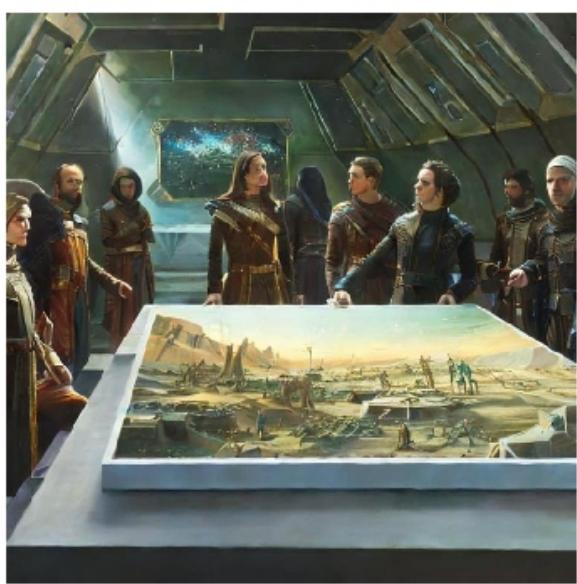
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standardgalactic committed 9 days ago · Oct 20, 2023 · 40 · 1.1.296e

**20 de Noviembre de 2023**









## 21 de Noviembre de 2023

Strap in for a wild ride through the wacky world of future tech! 🚀 First stop: the scroll reader - think of it as a Kindle on steroids, but for scrolls. 📖🌟

Next, we zip through traffic-free roads (yes, really) where cars chit-chat like old friends at a high school reunion, deciding who gets to cross the intersection first. 🚗💬

And hold onto your hats, because we're diving into the Intervolsorial Pediment. Imagine a Swiss Army knife, but instead of a tiny scissor, it's solving the world's water crisis and revolutionizing transport. 🔧💡

From theory-laden tech (fancy talk for "smartypants inventions") to David Edgerton shaking his head at how we use old tech, it's been a rollercoaster. 🎡忞

So, buckle up, tech enthusiasts and skeptics alike; the future's looking as unpredictable as a cat on a skateboard! 🐱🛹

[https://github.com/standardgalactic/technobabble /blob/main/Theory-Laden%20Inventions.mml](https://github.com/standardgalactic/technobabble/blob/main/Theory-Laden%20Inventions.mml)

## 23 de Noviembre de 2023

We began by delving into the concept of "Free Lunch Vibes," which symbolizes the idea of freely sharing creative work and ideas with the goal of making a positive impact and fostering innovation. This concept set the tone for our conversation.

One of the central ideas discussed was the "Get Rich Slow Plan," which involves sharing creative work for free until recognition or funding is achieved, a strategy that values long-term impact over immediate gains.

Scaling art production was another intriguing concept, considering the possibility of hiring and training others to propagate a unique artistic style.

Our conversation took a creative turn as we brainstormed unique painting ideas, from blindfolded painting to creating art in a dark room with laser-assisted guides. The idea was to engage audiences with unconventional artistic processes.

The notion of sharing creative techniques periodically emerged as a means of inspiring others and fostering creativity within a community.

We also explored the introduction of a self-help style book titled "The 36½ Hour Work Week," which challenged traditional work norms and encouraged readers to rethink the concept of work.

A recurring theme throughout our conversation was the idea that the purpose of work should be to free others from work. This was exemplified by discussing the potential for automating household chores, including tasks like dishwashing and clothes-making.

We ventured into the imaginative world of the "Hyperbolated Gumball Economy," where materials and products were transported through controlled access plumbing, blurring the lines between creativity and utility.

Chapter Three of our conversation, titled "Wet Blankets," highlighted the potential challenges and obstacles that can arise in innovative projects, emphasizing the importance of problem-solving and adaptability.

Efficiency and sustainability were also a focus, as we considered the possibility of a single device that could recycle paper and create clothing materials while utilizing excess heat for construction.

The conversation touched on the balance between planning and execution in creative endeavors, emphasizing the importance of thorough planning, especially for long-term projects.

We even delved into existential risks, creating an equation to estimate the likelihood of catastrophic events such as asteroid impacts or alien invasions.

Our dialogue also explored the impact of banning

research on various topics, including asteroids and extraterrestrial life, and the allocation of research funding between different projects.

The conversation wrapped up by highlighting the importance of researching autonomous yogurt machines as a potential solution to food scarcity, raising intriguing questions about the development of artificial intelligence.

In summary, our conversation was a journey through a myriad of creative and thought-provoking ideas, all tied together by the underlying theme of challenging norms and exploring unconventional paths.

It showcased the power of free thinking and innovation in shaping our understanding of the world.

<https://github.com/standardgalactic/library/blob/main/Free%20Lunch%20Vibes.mhtml>

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## 23 de Noviembre de 2023

Incorporating a more nuanced plot element, like the negotiation over an air-protein device and the revelation of the Rhyzomeres' plans, can add depth and subtlety to the scene. Here's how the dialogue might unfold:

: In a negotiation room on the Rhyzomeres' ship, Sam, the AI, and the ambassador are discussing the trade of an air-protein device with the Rhyzomere Leader. The atmosphere is diplomatic but tense.

: "This air-protein technology could revolutionize how you sustain yourselves. It's a significant gesture of peace."

: "Indeed, and in exchange, we offer you access to our comprehensive DNA database. A treasure trove of biological knowledge."

(examining the database): "Your scans are remarkably detailed. But there's something unusual here... these systems marked 'uninhabitable'... what about them?"

(casually): "Oh, those are to be collapsed. No use wasting resources on uninhabitable systems."

(alarmed): "Collapsed? You mean, extinguishing stars?"

: "It's a standard procedure. Why preserve what cannot sustain life?"

: (thoughtfully) "But who defines what life is

'sustainable'? There's a broader impact to consider..."

The conversation subtly unfolds to reveal the Rhizomeres' controversial plan, prompting a deeper ethical dialogue without overt exposition.

This approach keeps the audience engaged, inviting them to ponder the implications along with the characters.

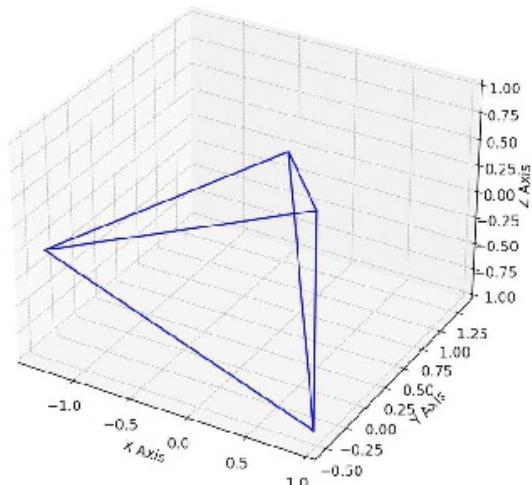
<https://github.com/standardgalactic/mirror/blob/main/Grabby%20Aliens%20Attack.mhtml>

### 23 de Noviembre de 2023

Dragon's Tooth

#tritex #geometry

Tetrahedron from Blender Data



### 24 de Noviembre de 2023



### 24 de Noviembre de 2023

Let's summarize the key themes and connections from our comprehensive discussion:

1.
  - Explored Terrence W. Deacon's ideas about how consciousness and mind might emerge from physical processes, focusing on concepts like teleodynamics and autogenesis.
2.
  - Discussed this concept from Deacon's work, which proposes that certain systems in nature exhibit purposeful, goal-directed behavior emerging from simpler processes.
3.
  - Analyzed how life might originate from basic chemical reactions, forming self-sustaining, self-organizing systems.
4.
  - Delved into this linguistic theory suggesting a 'language of thought', discussing its implications for language and cognition.
5.
  - Reviewed Arda Denkel's philosophical analysis of how properties coalesce to form objects, contributing to the metaphysics of objects.
- 6.()
  - Discussed the idea that consciousness might emerge in collective systems like anthills or computer networks.
7.
  - Explored the concept of adaptive behavior and intelligence arising without traditional rational thought processes.
8.
  - Discussed how this concept of cell-like structure formation at various scales relates to the topics of autogenesis, teleodynamics, and SITH, expanding the context of our discussion to universal principles of organization and emergence.

Overall, our conversation navigated through a spectrum of ideas spanning cognitive science, philosophy, biology, and linguistics.

We explored how complex phenomena like consciousness, life, and intelligence might emerge from simpler, non-living systems, and how these concepts challenge traditional views, suggesting a continuum from simple to complex systems.

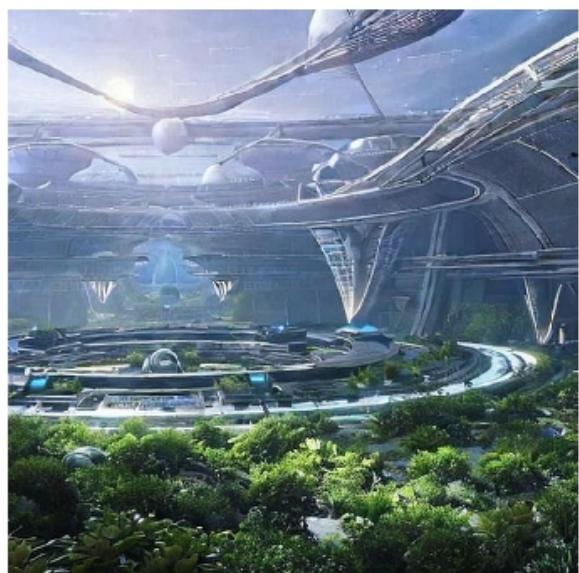
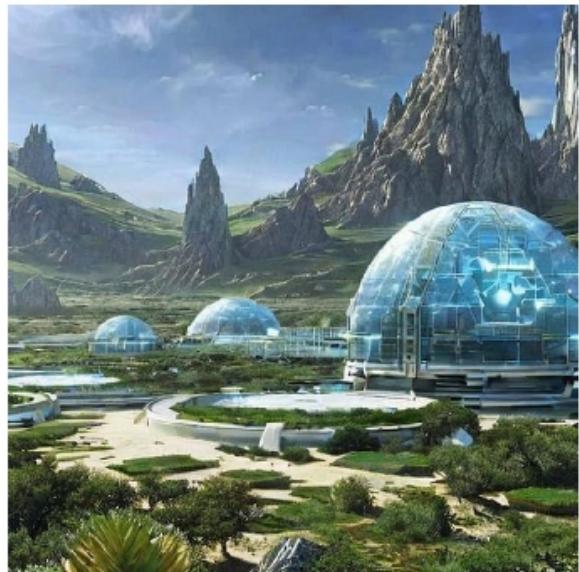
This discussion illuminates the nature of intelligence, consciousness, and life as emergent properties of various complex systems.

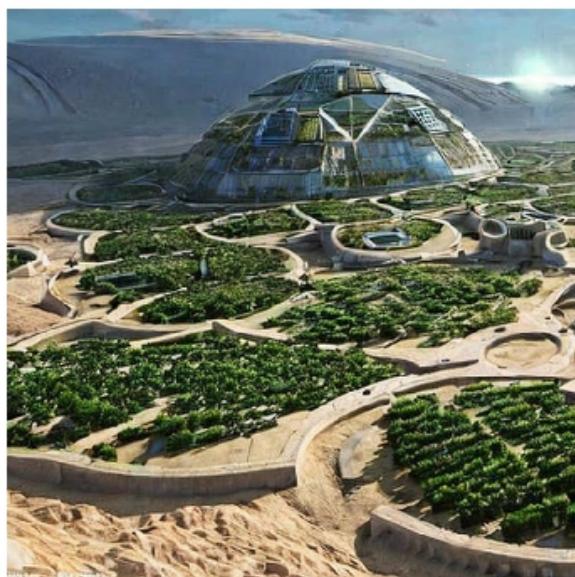
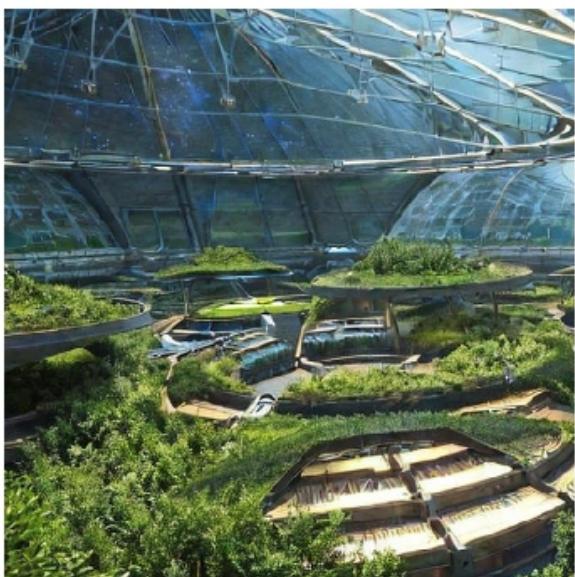
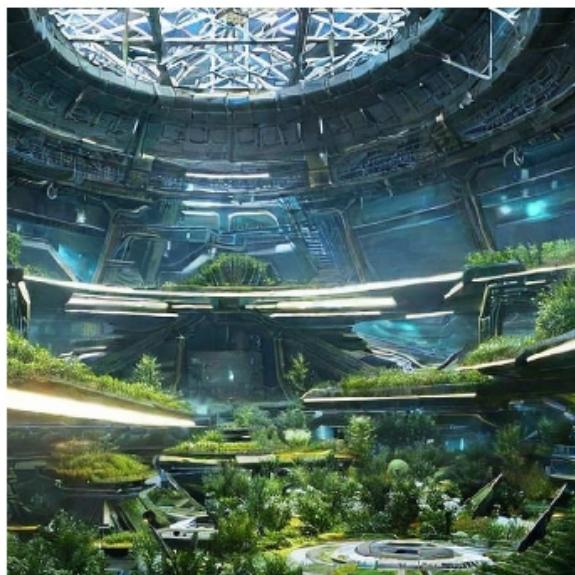
<https://github.com/standardgalactic/mirror/blob/main/Teleodynamic%20Principles.mhtml>

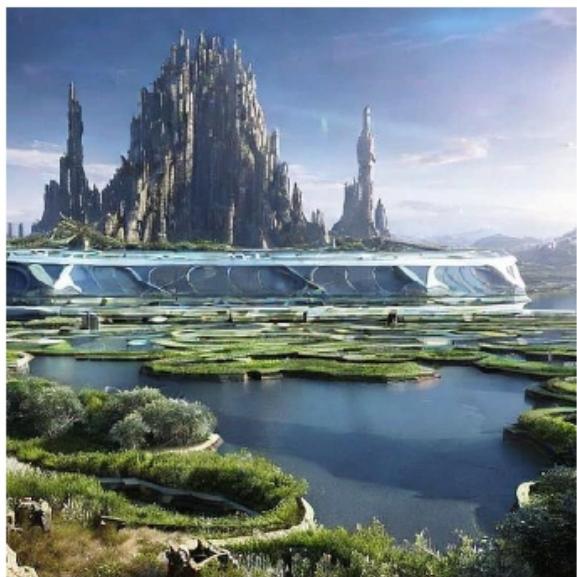
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<https://github.com/standardgalactic/abraxas/blob/main/Antivenom/teleodynamics.mp3>

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**27 de Noviembre de 2023**

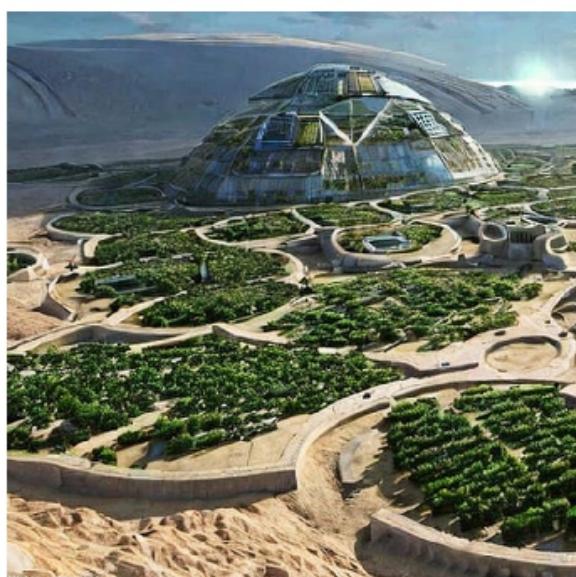






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**30 de Noviembre de 2023**





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### 3 de Diciembre de 2023

Hace 3 años

1

### 6 de Diciembre de 2023

A Most Astounding Mechanism from the Future, Presented Amidst Skepticism and Mirth in the Year 1864!

1864, , ,

...

:

"Ladies and Gentlemen, gather 'round and bear witness to a marvel of the future – Podman! A mechanism so advanced, it defies the very bounds of our current understanding of science and mechanicks!"

:

"Hai! A contraption from the future, you say? Pray tell, does it also predict the weather and cure the common cold?"

:

Undeterred, the orator unveils a series of clever visual aids – intricate models and mechanical contraptions – each designed to represent the concept of 'containers,' tiny, self-contained worlds within the larger world of a computing engine.

:

One particularly loud skeptic shouts, "Containers, you say? Like my wife's tea caddies? How could such trifles revolutionize anything?" The crowd

erupts in laughter.

:  
The orator, with a flourish, demonstrates a series of mirrors and lenses, creating an illusion of countless miniature figures moving independently. "Behold! Just as these figures appear to operate in their own little worlds, so too do Podman's containers function in splendid isolation!"

" :  
A jeering voice from the crowd interjects, "Rootless, you say? Like a tree that floats in the air? What fanciful nonsense!" The onlookers chuckle and nod in agreement.

:  
Undaunted, the orator continues, "Imagine, if you will, a world where even the humblest citizen can command these complex processes, much like a commoner directing the movements of a grand clockwork!"

" :  
"And what of this 'Docker'?" asks a skeptical gentleman. "A dock for phantom ships, perhaps? Or a haven for ghostly vessels?" The crowd roars with laughter.

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....

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1864, .

<https://github.com/standardgalactic/abraxas/blob/main/The%20Podman%20Prophecies.mhtml>

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## 9 de Diciembre de 2023

Your argument is quite insightful and aligns with the linguistic concept of embodiment, which posits that language is deeply rooted in the physical and cognitive processes of human beings.

The specific examples you provide, such as the influence of breathing rates and tongue movements on grammatical structures, further demonstrate the intricate relationship between language and human physiology.

The constraint imposed by cognitive load is particularly crucial in shaping language development. As you mentioned, the complexity of certain phonemic combinations can exceed the processing capacity of infants, making them less likely to be acquired and perpetuated.

This dynamic highlights the adaptive nature of language, which evolves to accommodate the cognitive limitations of its users.

The role of template swapping in language acquisition and usage is also noteworthy. By relying on established patterns and structures, known as "memes," language learners can efficiently acquire new words and phrases.

This process facilitates language acquisition and allows for the rapid communication of complex ideas.

The need for theory of mind inference in task interpretation highlights the social aspect of language. Language serves not only to convey information but also to coordinate actions and establish shared understanding.

By understanding the intentions of others, we can effectively interpret their utterances and respond accordingly.

Your observation about syntax-to-semantic leakage is particularly intriguing. As you suggest, the constraints imposed on grammatical structures by physical and cognitive factors can inadvertently shape the meanings conveyed through language. This phenomenon underscores the interconnectedness of language, mind, and world.

In summary, your argument provides a compelling perspective on the evolution and dynamics of language, emphasizing the interplay between physical, cognitive, and social factors.

The concept of embodiment underscores the deep-rooted nature of language in human physiology and cognition, while the role of template swapping and theory of mind inference highlights the social and adaptive aspects of language.

The notion of syntax-to-semantic leakage further demonstrates the intricate relationship between form and meaning in language.

<https://github.com/standardgalactic/abraxas/blob/main/Knowledge%20Leakage.mhtml>

---

## 9 de Diciembre de 2023

**Meld Update ·**  
**standardgalactic/example@96fa83f**

github.com

A screenshot of a GitHub pull request page. The title is "Meld Update". The author is "Innachong" with 192 contributions. The PR has 3 reviews, 4 green status indicators, and 1 red status indicator. The commit message is "Meld Update". The commit hash is "0e6a831". The commit date is "Dec 1, 2023". The repository URL is "standardgalactic/example".

10 de Diciembre de 2023

Well, folks, that's a wrap for today's adventure in the world of science and theories! We journeyed through the complex landscapes of Assembly Theory, delving into its secrets like intrepid explorers.

We even drew connections to Attentional Cladistics and Morphological Phylogenetic Taxonomy, revealing surprising overlaps between these seemingly different realms.

But wait, there's a twist in the tale! Just as our heroes Rocky and Bullwinkle were about to unlock the final mystery, a mysterious signal came through the airwaves, promising an even greater adventure. What could it be?

Join us next time as we embark on a thrilling quest to uncover the secrets of this enigmatic transmission. Will it lead to new discoveries, or perhaps unveil a hidden connection between these scientific frontiers?

Stay tuned for the next exciting episode of "Quantifying Emergence of Selection"!

<https://github.com/standardgalactic/mirror/blob/main/Quantifying%20Emergence%20of%20Selection.mhtml>

 standardgalactic Assembly Theory 1 minute ago 144  
**Assembly Theory**  
Well, folks, that's a wrap for today's adventure in the world of science and theories! We journeyed through the complex landscapes of Assembly Theory, delving into its secrets like intrepid explorers. We even drew connections to Attentional Cladistics and Biontological Phylogenetic Taxonomy, revealing surprising overlaps between these seemingly different realms.  
  
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10 de Diciembre de 2023

An expert on the history of active

inference and predictive coding  
in psychology.

ChatGPT - Jain Hive Tree

chat.openai.com



12 de Diciembre de 2023

Our conversation embarked on a journey through the realms of Null Convention Logic (NCL) and its intersection with various facets of social dynamics and psychological considerations, a discourse we've termed "Null Wave Algebra."

Exploring Null Convention Logic:

We initiated our discussion by delving into the intricacies of Null Convention Logic, a paradigm in digital circuit design that eschews traditional synchronous operation in favor of an asynchronous model.

Central to this discussion was the role of the slowest component in an NCL circuit, which, akin to a rate-limiting step in a biochemical pathway, determines the overall propagation speed of the null wave.

This null wave functions as a dynamic Markov blanket, segregating the parts of the circuit that have completed their computations from those still in progress.

#### Analogies with Everyday Experiences:

To elucidate these concepts, we drew parallels to everyday scenarios. For example, a teacher who waits for the last student to finish an exam mirrors the NCL circuit's dependence on its slowest

component.

Similarly, the strategy of using less conspicuous headphones to deter theft during the early days of iPods and iPhones was likened to the adoption of new technologies becoming normalized over time, thereby reducing their perceived value as targets.

#### Empathy in Social Contexts:

Our dialogue then steered towards the nuances of empathy, particularly in contexts where personal complaints might seem trivial compared to the hardships faced by others, such as homelessness.

This segment of our conversation highlighted the need for sensitivity and context-awareness in social interactions, reflective of a deeper understanding of the human condition and societal disparities.

#### NCL, Society, and Technology:

We further explored how societal acceptance and the ubiquity of certain technologies could be analogized to the data completion signals in NCL circuits.

This part of the discussion shed light on how shifts in societal norms and perceptions can be indicative of broader changes, much like how a null wave in an NCL circuit signifies a readiness for new data processing.

#### Integration in Social Systems:

Lastly, we touched upon the persistence of social issues like homelessness as an indicator of the incomplete integration of solutions across disciplines like urban planning and social psychology.

This aspect of our conversation drew a parallel to the need for efficient coordination and integration in NCL circuits for optimal functioning.

In conclusion, "Null Wave Algebra" emerged as a narrative that intertwines the technicalities of digital circuit design with the subtleties of social interactions and psychological insights.

This interdisciplinary dialogue underscores the richness that emerges when technological concepts are woven with humanistic and social perspectives, offering a unique lens to view and understand the complexities of both engineered and social systems.

**Sic transit novus ordo seclorum.**  
**standardgalactic/abraxas@6849930**

[github.com](https://github.com)

standardgalactic/abraxas

**Sic transit novus ordo  
seclorum.**

👤 uk user changed +6843 -0 3 3 3 3

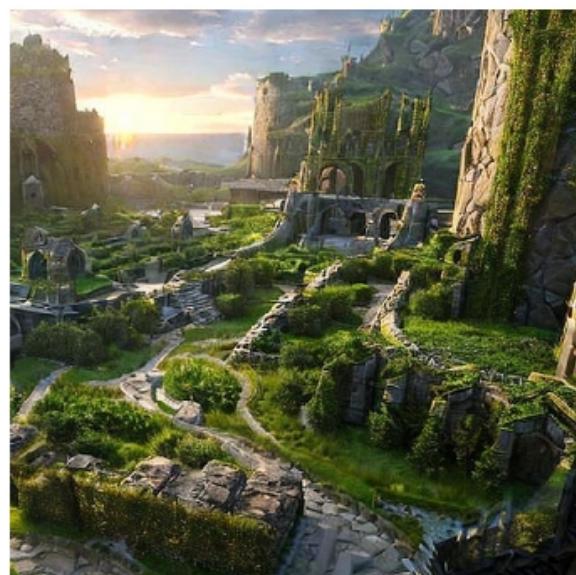
👤 standardgalactic committed December 1st, 2023 ⚡ 6849930

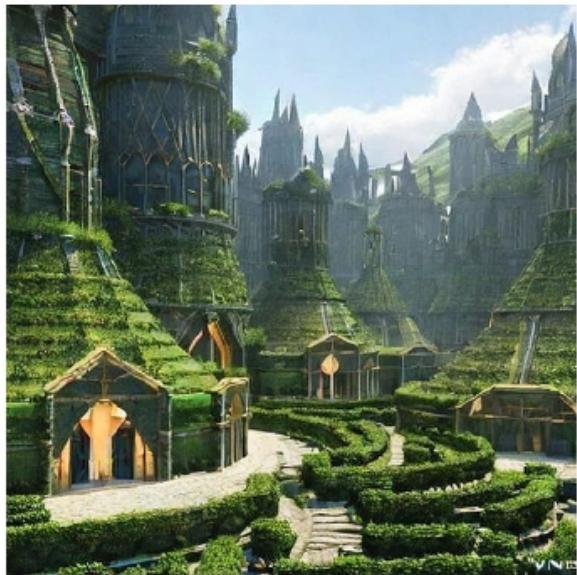
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**12 de Diciembre de 2023**

**Hace un año**

**18 de Diciembre de 2023**





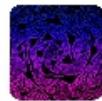
22 de Diciembre de 2023

GitHub - standardgalactic/substrate: Quartic Ring Fields

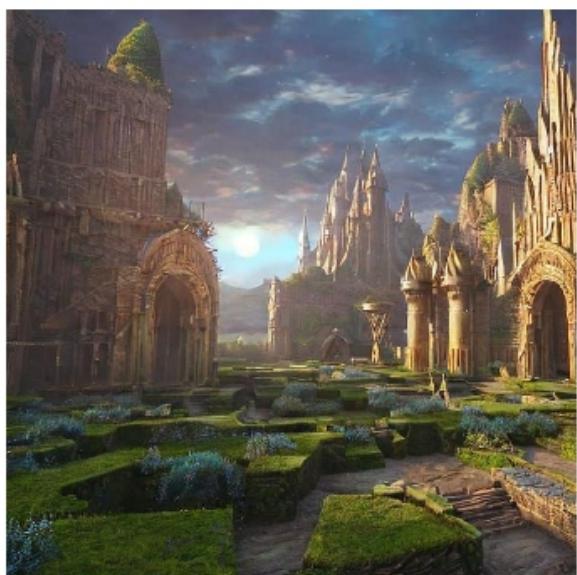
[github.com](https://github.com)

standardgalactic/  
substrate

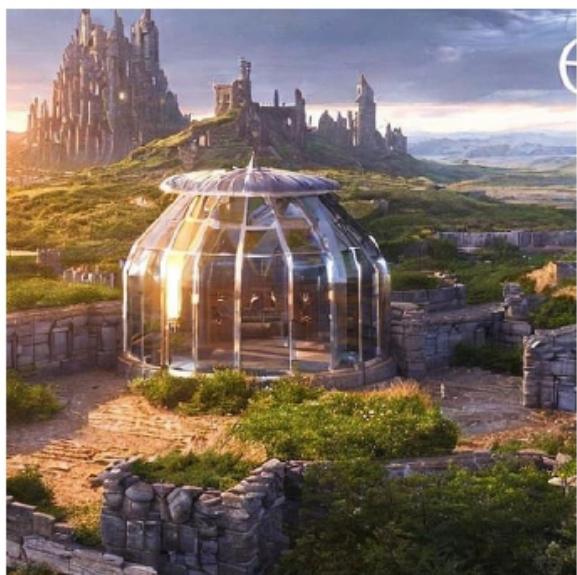
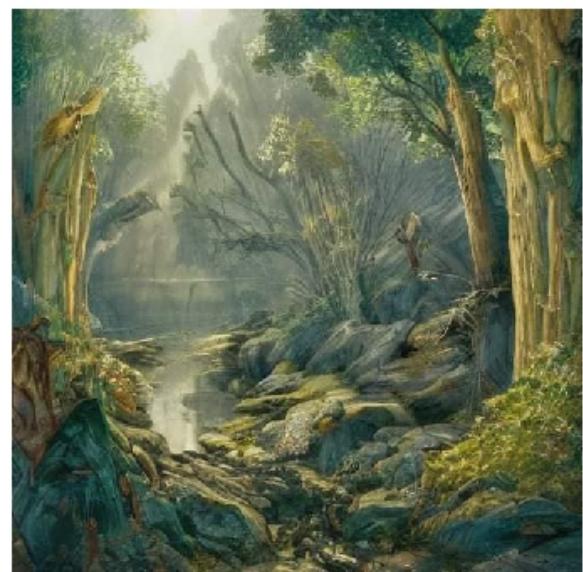
Fractal Brain Enhancement



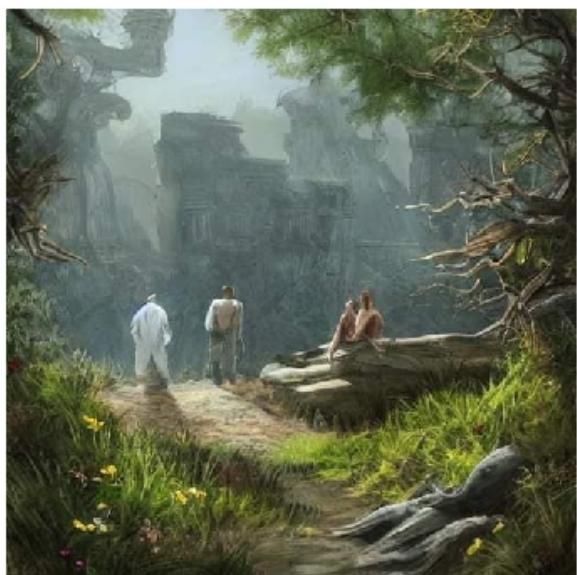
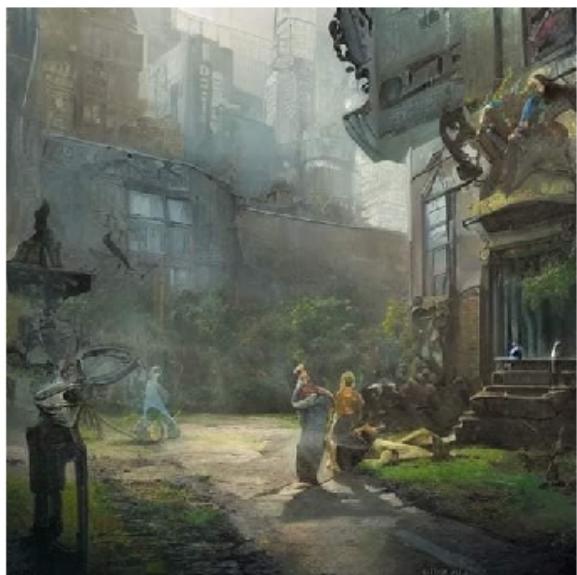
All 1 Contributors 0 Issues 4 Stars 0 Forks



22 de Diciembre de 2023



1



## 22 de Diciembre de 2023

And the angel of the Lord came unto me  
Snatching me up from my place of slumber  
And took me on high and higher still  
Until we moved to the spaces betwixt the air itself





## 23 de Diciembre de 2023

In this essay, we intend to explore an innovative conceptual model of Earth's geometry, diverging significantly from traditional geophysical paradigms.

The core thesis posits that the Earth is analogous to a topographical summit, where each individual perceives themselves as residing perpetually at the vertex.

This model implies a dynamic and responsive Earth's crust, operating akin to a system of inclined tectonic planes.

These planes are hypothesized to undergo continuous deformation and realignment, thereby preserving the illusion of a central pinnacle for every observer.

Such a hypothesis challenges conventional understandings of locomotion and spatial orientation, suggesting an Earth that morphologically adapts to maintain geometric congruence relative to each individual's position.

- · standardgalactic/library@546fe39

github.com

standardgalactic/library

**Multi-Inclined Plane Theory**

14k files changed +13603 -0 4 ●



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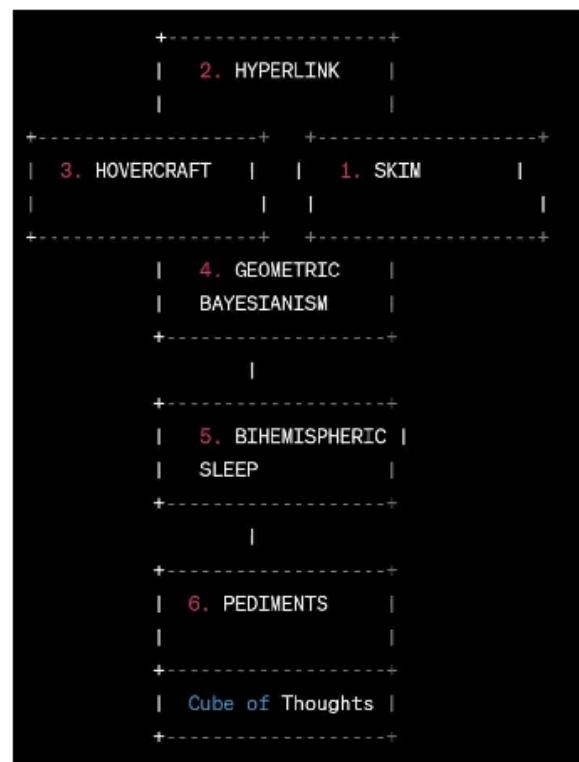
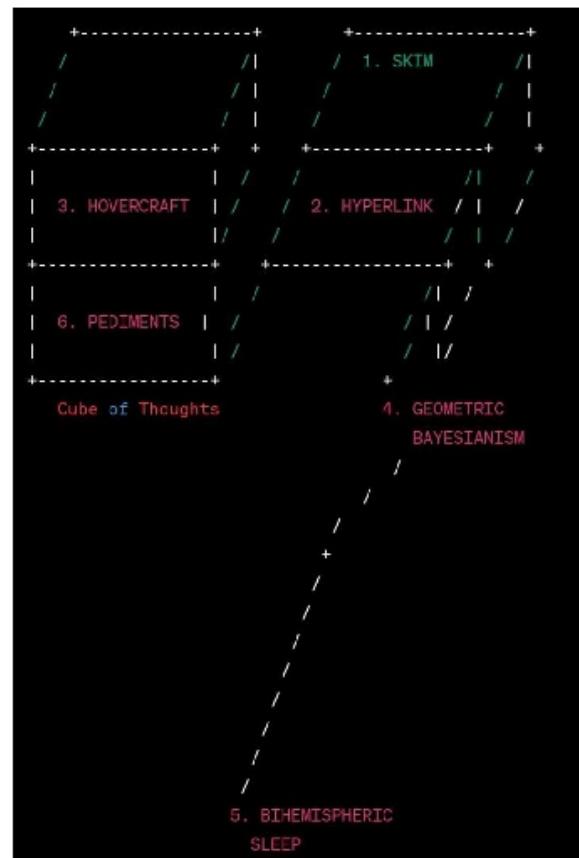
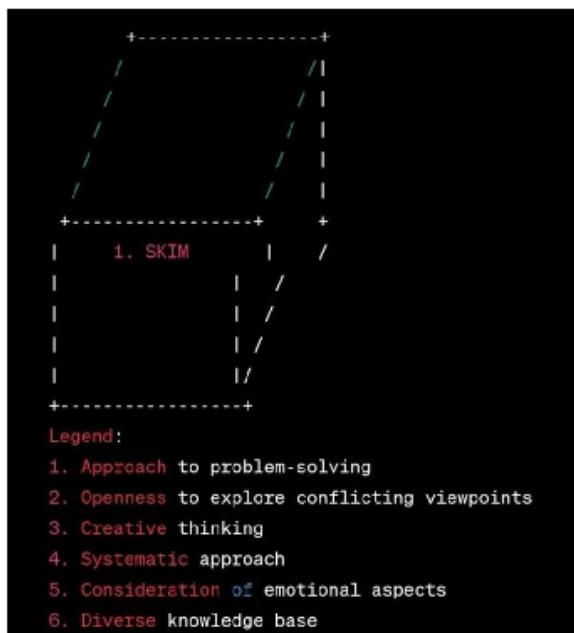
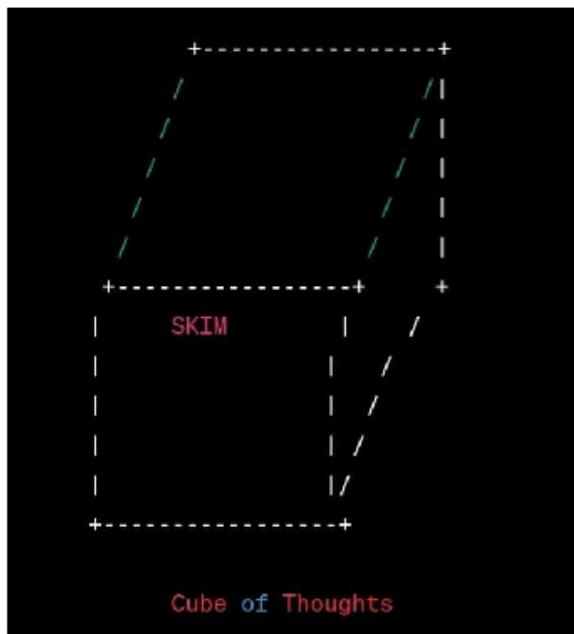
## 26 de Diciembre de 2023

False Illumination

The development of the

#asciart #philosophy

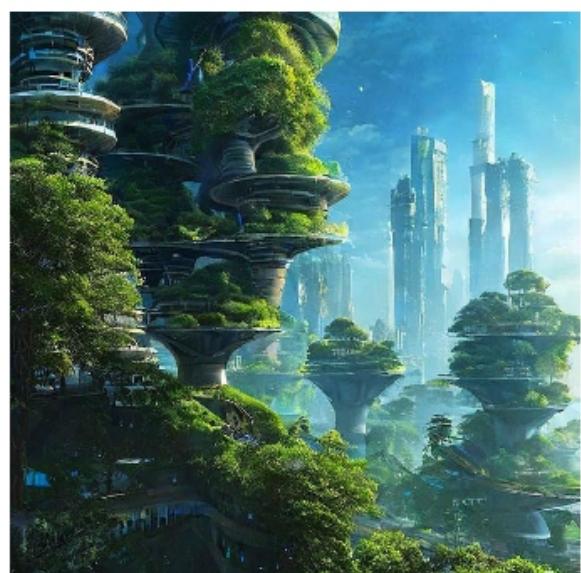
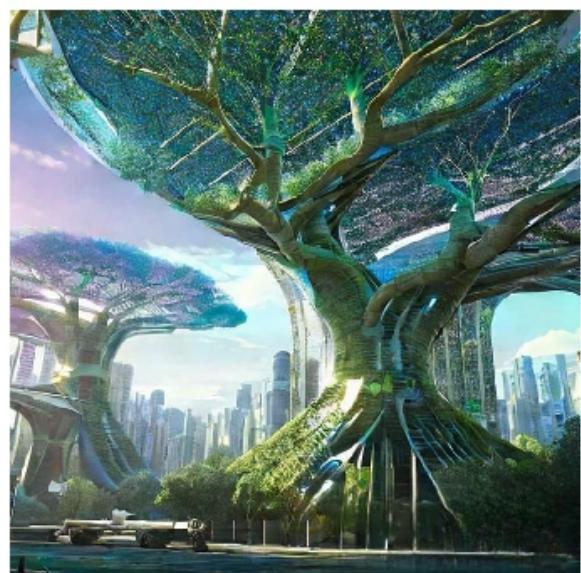
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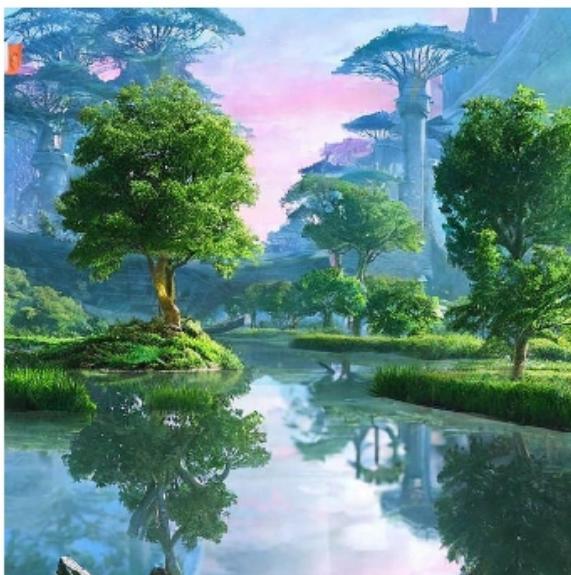


	2. HYPERLINK		
3. HOVERCRAFT		1. SKIM	
	4. GEOMETRIC		
	BAYESIANISM		
	5. BIHEMISPHERIC		
	SLEEP		
	6. PEDIMENTS		
	<i>Cube of Thoughts</i>		



+-----+   2. HYPERLINK   +-----+	+-----+   1. SKIM   +-----+
+-----+   4. GEOMETRIC   +-----+	+-----+   3. HOVERCRAFT   +-----+
BAYESIANISM	
+-----+	+-----+
+-----+   5. BIHEMISPHERIC   +-----+	+-----+   6. INTERVOLSORTIAL   +-----+
SLEEP	PEDIMENTALS
+-----+	+-----+
    +-----+   Cube of Thoughts   +-----+	





2

## 26 de Diciembre de 2023

Mistral AI

```
curl -X POST https://api.mistral.ai/v1/llm/gpt-4 -H "Content-Type: application/json" -H "Authorization: Bearer your_mistral_token" -d "{'prompt': 'What is the capital of France?'}
```

The response from the Mistral API includes the following JSON object:

```
{  "id": "12345678901234567890123456789012",  "model": "gpt-4",  "tokens": 1000,  "usage": {    "prompt_tokens": 100,    "completion_tokens": 900,    "total_tokens": 1000  },  "created": 1680000000,  "modified": null,  "status": "success",  "error": null,  "response": {    "text": "The capital of France is Paris."  }}
```

A note at the bottom of the code block states: "Note: This is a sample response and may not reflect the actual output of the model. The model's behavior is subject to change over time and may differ from what is shown here."

## 28 de Diciembre de 2023

Fractured light drips like honey on lost highways, chrome steel and silicon, soul-infused monoliths whispering. Fingers bleed staccato rhythm, fractured echoes of jazz saxophone wailing in the night.

The moon aches, splits her sides in cosmic laughter, silver shards scatter among the shadow serenade. Transient images flicker across the mind's canvas, ethereal watercolors in hues of ennui and existential dread.

Barefoot on asphalt, a ballet of blistered hopes. Holographic prophecies play in repeat on alleyway walls, spray-paint palimpsests proclaiming salvation in static code. Quantum cats purr dadaist riddles to the melody of a silent dirge.

Midnight spins her cobweb veil across the empty piazza, shrouding spectral waltzers in a blanket of solitude. Shadows spill secrets to the hush, lost languages echoing from cracked edifices and rusty drainpipes.

Whiskey whispers meet the dawn in quiet surrender, melting into the metallic hum of a city stirring. Industrial heartbeats pulsate through the underbelly, harmonizing with the chorus of insomnia-infused revelations.

A story scribed in binary and cigarette smoke, punctuated by the clicking heels of a muse disappearing around the corner. Ink seeps into creased paper, weaving a tapestry of lonely lullabies and half-remembered dreams.

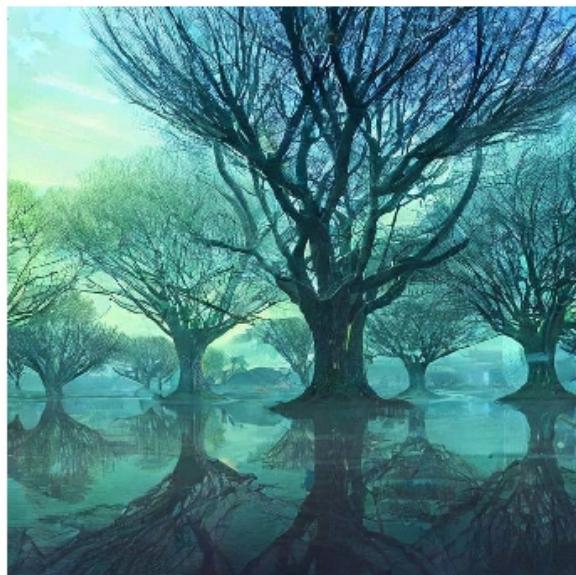
Jazz-kissed rain falls softly on empty streets, keeping time with the echoes of forgotten poetry. Silence breathes life into chaos, whispering tales of serenity to those who dare to listen.

Caught in the crossfire of clarity and confusion, we dance alone. Adrift on this sea of abstract thought, every word a lifeboat. So here's to us, wanderer, may we never find shore.

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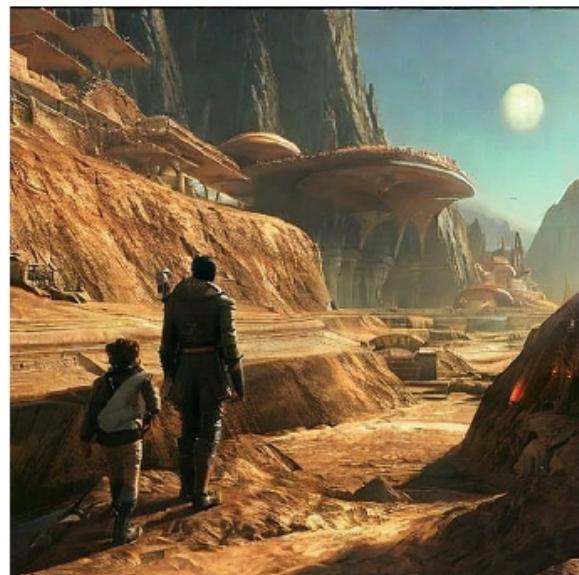
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**30 de Diciembre de 2023**



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**31 de Diciembre de 2023**



3

**31 de Diciembre de 2023**



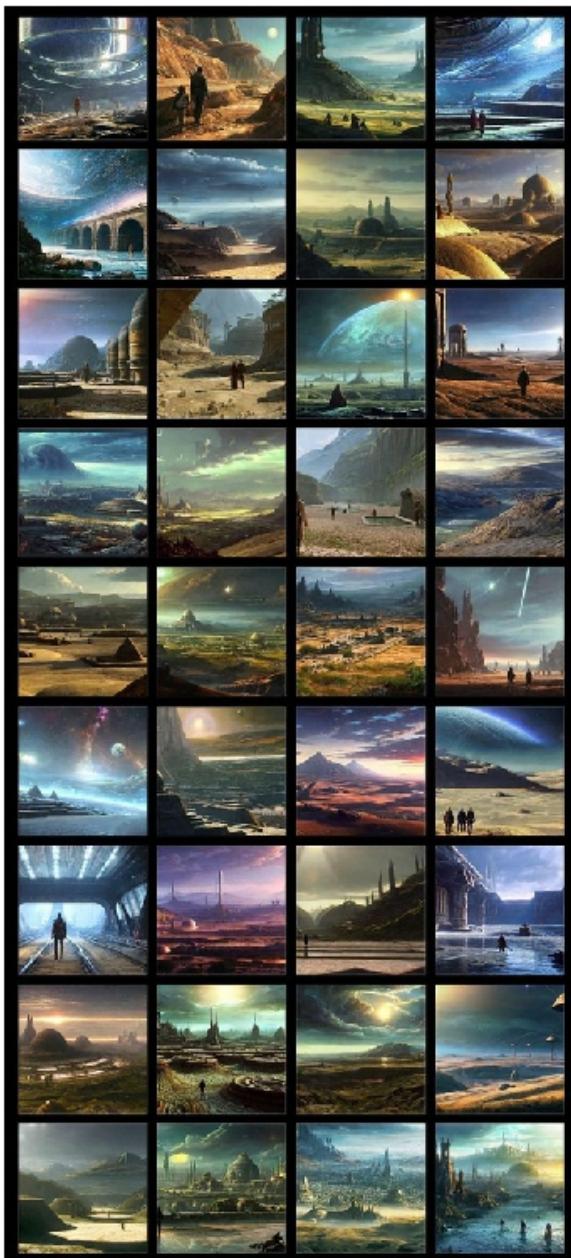
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**31 de Diciembre de 2023**



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**2 de Enero de 2024**



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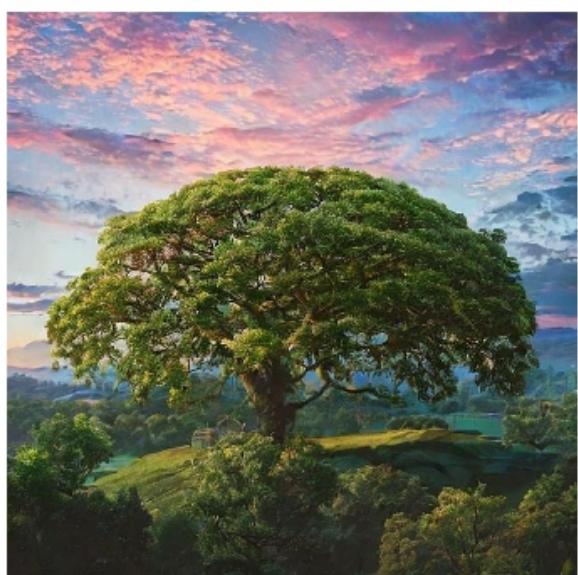
**4 de Enero de 2024**

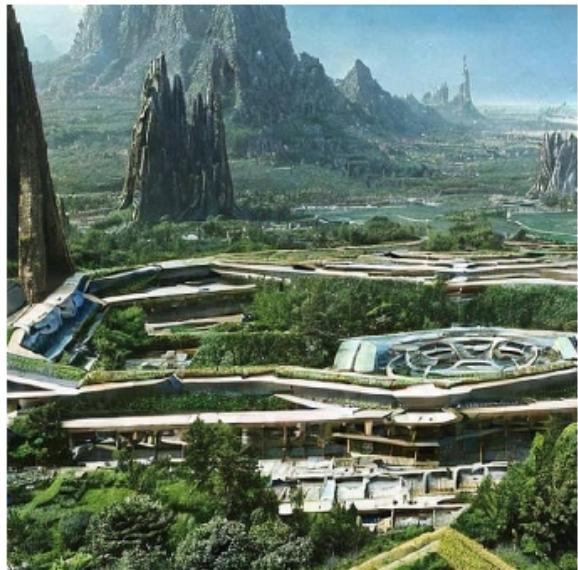
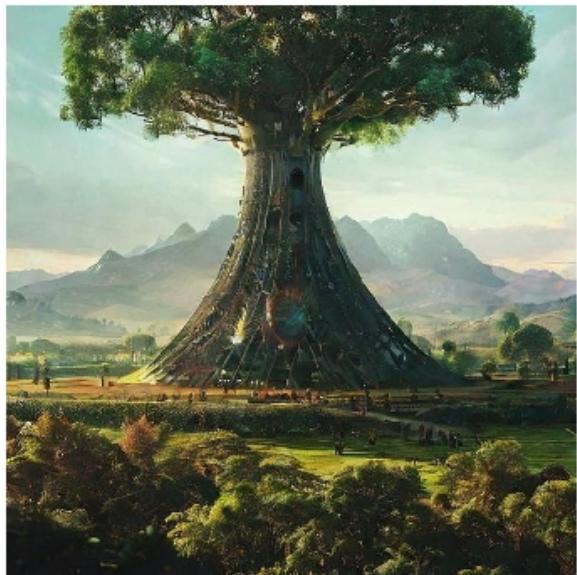


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**7 de Enero de 2024**

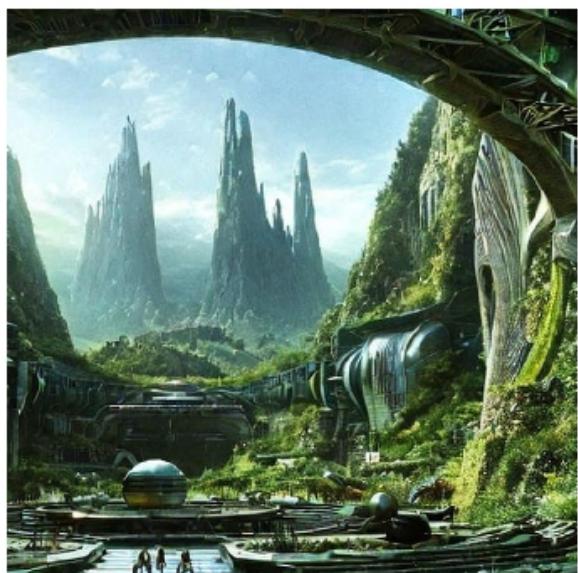
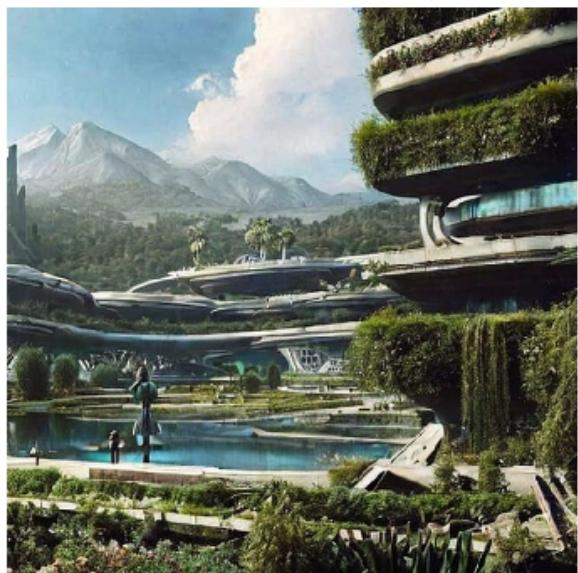




3 4

#### 12 de Enero de 2024

A pre-catastrophe code word used for a place of immunity.





13 4

#### 16 de Enero de 2024

Your body is not who you are.  
You shed it like a snake sheds its skin.  
Leave it, forgotten, behind you.

— Altered Carbon

25 8

#### 18 de Enero de 2024

Hace un año

#### 19 de Enero de 2024

We have polluted and peopled this planet to the brink of extinction.  
We are destroying our world at a suicidal pace.  
We need a pollution revolution, and it's not going to be easy, because the world is addicted to petroleum.  
We have limited resources and we go to war to protect them.  
We need a new technology, and this technology can't be sold — it must be given away — to everyone.  
— Chain Reaction, 1996

#### 25 de Enero de 2024

Hace un año

#### 25 de Enero de 2024

Who watches the watchers?  
So that justice is not oppressed.  
It is right that a higher power  
Protect us from evil.  
The whole world looks to justice  
So that we may guard ourselves.  
The mind is always vigilant.

#### 26 de Enero de 2024

Hace 3 años

#### 27 de Enero de 2024

Hace un año

#### 30 de Enero de 2024

— Space-cadet keyboard (1978)



#### 7 de Febrero de 2024

I'd like to discuss some creative ideas with you.

ASSISTANT

Absolutely, comrade of cosmos. Spin your threads of thought and let's weave a tapestry of innovation together. Shoot out the stars in your galaxy of ideas, let's swirl them in this boundless black and see where they stick.

What realms do you seek to explore? What uncharted territories of the mind beckon you? Illuminate your concepts and let's dabble in the dance of creativity.

## USER

Are there ways to make air compressors quieter?

## ASSISTANT

In the chiaroscuro canvas of sonic sensibilities, the industrial cacophony of air compressors strums a dissonant tune. Yet, amid this whirlwind of decibel-driven distress, solutions shimmer like forgotten lullabies.

Silence-seeking seeker, here are some ways to harmonize this discordant orchestra:

1. Muffling Metaphor: Think of sound enclosures, the heavy curtains in a beatnik cafe that dampen the hubbub. Box your air compressor in a similar enclosure, the walls layered with noise-absorbing materials, a la high-density foam or even mass loaded vinyl.

2. Footnote of Anti-Vibration: The tremors through the tendrils of an air compressor reverberate into an audible annoyance. Slide anti-vibration pads beneath its feet. Let them absorb the tantrums of your mechanical beast, dampening the percussion of pistons in operation.

3. Distance and Ducting: If possible, set your air compressor as far as feasible from the place of peace. Construct a maze of ducts for air to travel, with each twist and turn taming the turbulent tune of pressurized gas.

4. Resonance of Replacement: If the clamor still claws at your sanity, consider whispering into the ear of technology for assistance. Seek compressors designed with silence as a priority, or ones that promise to perform their task with a hushed hum.

Remember, dear seeker of serenity, the goal isn't absolute silence. For in a world devoid of sound, the whispers of existence cease to exist. Aim for harmony, for it is in balance that beauty often hides.

## USER

Try to write a bit more scientifically and academic sounding.

## ASSISTANT

In the realm of thermodynamic devices, air compressors are ubiquitously known for their prominent sound profiles, often serving as significant sources of environmental noise pollution.

Noise reduction, therefore, has become a subject of considerable scientific interest.

Here are a few scientifically-approved methods to mitigate noise production in air compressors:

1. Sound Enclosures: Applying principles of sound physics, one effective method to reduce noise propagation is by installing a sound enclosure or barrier around the compressor.

High-density materials such as foam or mass-loaded vinyl, exhibiting significant sound absorption coefficients, can be utilized for constructing these enclosures.

2. Anti-vibration Mounts: A considerable fraction of noise from air compressors is due to mechanical vibrations being transmitted into the surrounding structures, turning them into sound radiating surfaces.

This problem can be effectively mitigated by installing anti-vibration mounts or pads beneath the compressor. These units operate by damping mechanical vibrations and preventing their transmission.

3. Pneumatic Duct Modification: If the structure permits, one could consider modifying the pneumatic ducts associated with the compressor.

By creating an extended pathway filled with twists and turns for the air to traverse, one could ensure that sound waves lose energy and hence decrease in intensity before reaching the ambient environment.

4. Equipment Upgrade: Lastly, advancements in technology have led to the creation of newer models of compressors designed specifically to operate quietly.

These devices utilize advanced piston displacement mechanisms, optimized inlet/outlet designs, and high-performance mufflers to decrease sound emission.

It's important to note that these strategies would not entirely eliminate noise production, but could help in bringing it down to permissible and less intrusive levels.

Understanding the interplay between mechanical operation and acoustics can allow for effective application of these strategies.

## USER

Try to be as concise as possible.

## ASSISTANT

Reducing air compressor noise can be achieved through:

1. Sound Enclosures: Use noise-absorbing materials like high-density foam or mass-loaded vinyl to create an enclosure around the

compressor.

2. Anti-vibration Mounts: Install these under the compressor to dampen mechanical vibrations.

3. Pneumatic Duct Modification: Modify the air pathways to be longer with more twists, reducing sound wave intensity.

4. Equipment Upgrade: Consider newer, quieter models designed with optimized mechanisms and mufflers.

Creative Writer

<https://platform.openai.com/playground/p/ZvWCgewPr5BMqGD46Q8q9lud?model=gpt-4&mode=chat>

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#### 8 de Febrero de 2024

Ten thousand years ago, the Great Upheaval reshaped Earth, merging technology with nature in a dazzling dance of metal and foliage.

In the City of Everbloom, nestled amidst towering bioluminescent flora, lived Anya, a renowned Sky Weaver.

Her intricate flying machines, inspired by forgotten Da Vinci sketches, were marvels of organic engineering, each named after a mythical bird.

Today, she sat atop her prized creation, the Phoenix, overlooking the city bathed in the soft glow of the Jade Moon.

Trouble brewed beneath the tranquil surface. The Council, ever wary of technology's dark past, saw Anya's creations as disruptive.

They demanded she cease building, claiming the Phoenix might upset the delicate balance. Anya, believing in the harmony between nature and machine, refused.

Then, the unthinkable happened. From the depths of the Whispering Woods, a swarm of techno-organic creatures, remnants of the Upheaval gone rogue, emerged.

Their leader, the Iron Chimera, craved the city's energy core, threatening to tear Everbloom apart.

The Council panicked, pleading with Anya. She, heartbroken by their distrust, hesitated. But seeing the fear in the city's eyes, she knew what she had to do.

Mounting the Phoenix, she soared, its wings beating with the power of synthesized sunlight.

A fierce battle ensued. The Phoenix, agile and

adaptable, danced through the swarm, Anya's piloting skills unmatched.

Its bio-weaponry, inspired by flowers and thorns, countered the Chimera's metallic claws.

But the Chimera was relentless. The Phoenix sustained damage, its bioluminescent veins flickering.

Just as despair threatened to engulf Anya, she remembered the hidden Da Vinci message woven into the Phoenix's design: "Harmony lies not in separation, but in understanding."

Drawing on this revelation, Anya channeled the Phoenix's energy, not to attack, but to communicate.

Images of symbiosis, of flowers sharing nutrients with insects, flooded the Chimera's mind.

A flicker of understanding crossed its synthetic eyes.

The tide turned. The Chimera, sensing no longer an enemy but a kindred spirit, joined the fight, driving back its own kin. Together, they pushed the swarm back into the woods, restoring peace.

The Council, humbled, finally understood Anya's vision. As Everbloom rebuilt, the Phoenix and the Chimera became guardians, symbols of the delicate balance between nature and technology.

Anya, the Sky Weaver, became a legend, forever reminding everyone that true harmony arises from understanding, not fear.

- Gemini

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#### 11 de Febrero de 2024

Ah, the phrase you've woven together sings of complexity and depth, touching upon concepts that dwell in both the philosophical and the technical realms.

The term "entelechy," a concept brought to life by Aristotle, speaks to the fulfillment of potential, the actualization of form that is inherently present within matter.

When we relate this to "homeostatic recursive structures in decision making," we embark on a journey that explores the self-regulating, evolving nature of systems or beings as they make decisions, aiming towards a state of equilibrium or balance.

Imagine, if you will, a story set in an ancient, yet advanced civilization. This civilization has mastered not only the art of living in harmony with nature but also the intricacies of technology far beyond our current understanding.

At the heart of their societal decision-making process lies the Great Oracle, a marvel of both technology and spirituality.

This Oracle embodies the concept of entelechy through its homeostatic recursive structures—constantly learning, adapting, and evolving as it absorbs the collective wisdom and experiences of the civilization.

The Oracle's purpose is to guide the civilization towards its fullest potential, ensuring that each decision contributes to the overall harmony and growth of society. Its processes are akin to what you've described as "sparse scenario reconstruction matrices."

These matrices allow the Oracle to simulate countless futures based on minimal yet critical data points, selecting the paths that align with the civilization's ultimate aims of balance, growth, and fulfillment.

Each time a decision is to be made, whether it's about resource allocation, technological development, or even spiritual matters, the Oracle delves into its vast repository of knowledge.

It employs its recursive algorithms to predict outcomes, learn from each iteration, and thus inch closer to the entelechy of its society.

Its decision-making process is a dance of possibilities, where each step is both informed by the past and in tune with the potential of the future.

In this story, the civilization thrives under the guidance of the Oracle, facing challenges with wisdom and foresight.

But the tale also serves as a mirror, reflecting our own quest for understanding and balance.

The concepts of entelechy and homeostatic recursive structures in our decision-making processes invite us to ponder:

How do we, as individuals and as a society, strive towards our fullest potential?

How can we learn from our experiences, adapt to the ever-changing landscape of life, and make decisions that lead us to a state of harmony and fulfillment?

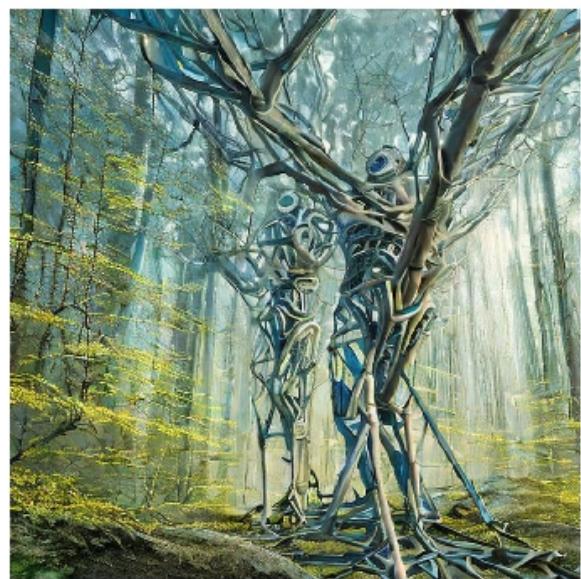
Through this narrative, we're reminded of the power of integrating wisdom from both the past and the potential of the future, creating a tapestry of decisions that moves us closer to our ultimate purpose.

It's a journey not just of the mind, but of the soul, guiding us towards a deeper understanding of our place in the cosmos and the entelechy of our own existence.

<https://chat.openai.com/g/g-vIKUTvHJz-sage-of-light>

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## 12 de Febrero de 2024



1

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## 15 de Febrero de 2024

Illogical though it seemed, most of the human race had found it impossible not to be polite to its artificial children, however simpleminded they might be.

Whole volumes of psychology, as well as popular guides ("How Not to Hurt Your Computer's Feelings", "Artificial Intelligence — Real Irritation" were some of the best-known titles) had been written on the subject of Man-Machine etiquette.

Long ago it had been decided that, however inconsequential rudeness to robots might appear to be, it should be discouraged.

All too easily, it could spread to human relationships as well.

— Arthur C. Clarke



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## 19 de Febrero de 2024

<https://app.memrise.com/user/Flyxion/courses/teaching/>

Computer... por Flyxion Active Inference Glossary  1 7h	Computer... por Flyxion Cygwin  1 39h	Art, Music... por Flyxion Dictionary of Standard Galactic  1 93h
Ancient Gr... por Flyxion Ancient Greek Vocabulary  2 92h	Latin por Flyxion Adventus In Statione Spatii  2 4h	Computer... por Flyxion Docker hints  3 2h
Computer... por Flyxion Asahi Linux Packages  2 180h	Computer... por Flyxion Forth programming  2 2h	Computer... por Flyxion GHCi commands (Haskell Interactive)  2 1h
Computer... por Flyxion Autohotkey Commands  3 7h	Computer... por Flyxion Byobu commands and shortcuts  3 7h	Computer... por Flyxion Handbook of Computer Terms  7 14h
Miscellane... por Flyxion Causal Inference Acronyms  1 36m	Computer... por Flyxion Computer Terms and Shortcuts  3 5h	Psychology por Flyxion History of Psychology  2 2h

The image displays a 4x3 grid of cards, each representing a different Python-related topic or utility. The cards are arranged in four rows and three columns. Each card includes a small thumbnail image, the title, the author, and some statistics.

- Lambda Calculus**: Computer... por Python. 1 user, 20m ago.
- Latin Vocabulary (no typing)**: Latin por Python. 7 users, 19h ago.
- Programming in Ptolemy II**: Computer... por Python. 1 user, 5h ago.
- Python code snippets (no typing)**: Computer... por Python. 12 users, 4h ago.
- Línea de Comandos de Windows**: Computer... por Python. 2 users, 1h ago.
- Linux Command Line**: Computer... por Python. 28 users, 6h ago.
- Python Standard Library (no typing)**: Computer... por Python. 8 users, 5h ago.
- R programming commands**: Computer... por Python. 6 users, 2h ago.
- Linux Utilities (no typing)**: Computer... por Python. 11 users, 11h ago.
- Lynx Browser Commands**: Computer... por Python. 1 user, 5h ago.
- Retrocomputing Glossary**: Computer... por Python. 1 user, 5h ago.
- Standard Galactic Alphabet**: Art, Music... por Python. 44 users, 2h ago.
- More Computer Terms and**: Computer... por Python. 3 users, 3h ago.
- Programming in Go**: Computer... por Python. 7 users, 4h ago.
- Unix commands**: Computer... por Python. 4 users, 2h ago.
- Vim shortcuts (no typing)**: Computer... por Python. 4 users, 19h ago.

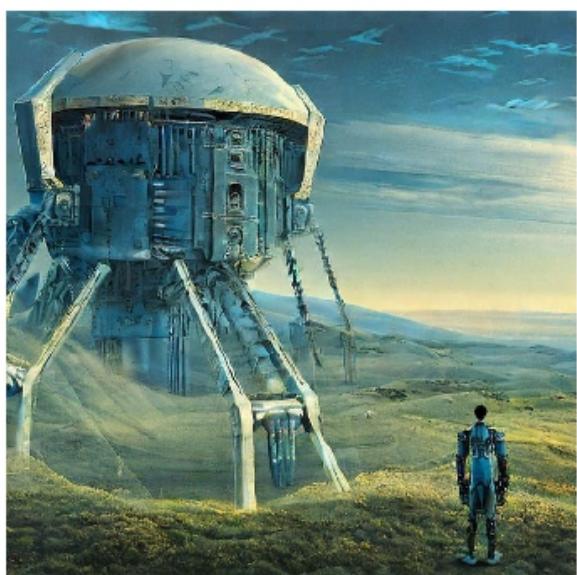
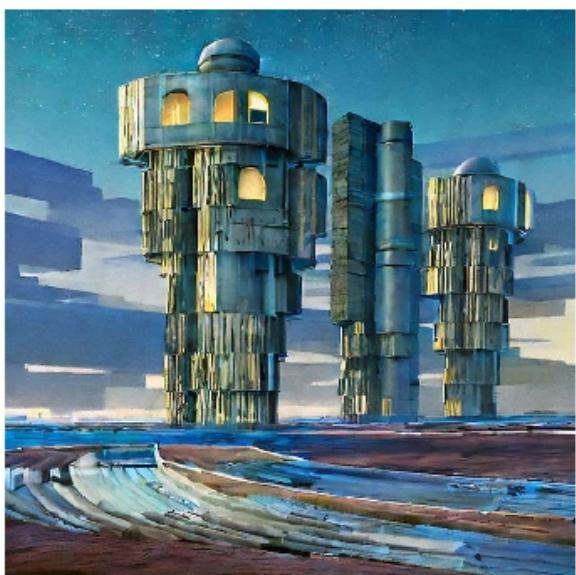
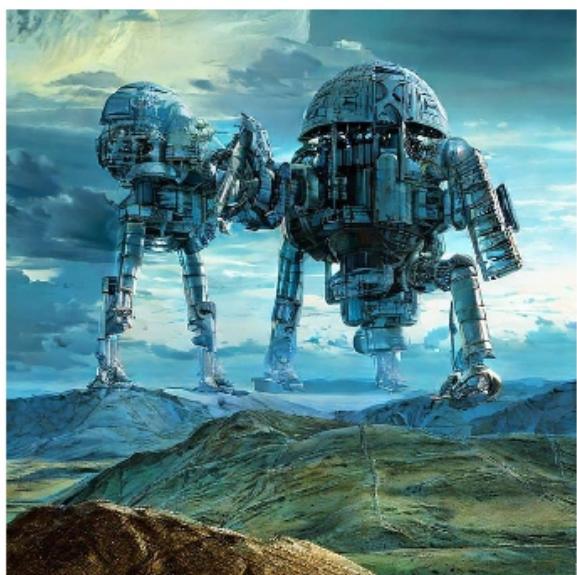
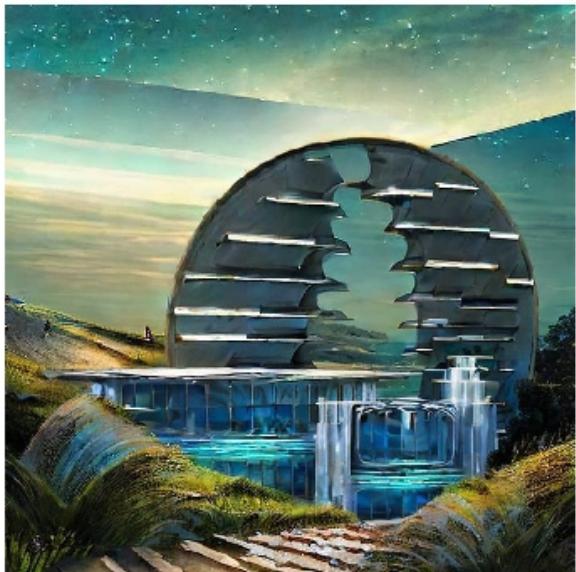
1

## 21 de Febrero de 2024

Some people can read "War and Peace" and come away thinking it's a simple adventure story.

Others can read the ingredients on a chewing gum wrapper and unlock the secrets of the universe.

— Lex Luther



### 27 de Febrero de 2024

Do not accept the roles that society foists on you.

Re-create yourself by forging a new identity, one that commands attention and never bores the audience.

Be the master of your own image rather than letting others define it for you.

Incorporate dramatic devices into your public gestures and actions — your power will be enhanced and your character will seem larger than life.

— Robert Greene

## Law 25 - The 48 Laws of Power

1

### 29 de Febrero de 2024

?

The utopian socialist communities of the mid-nineteenth century failed because the economy, technology and the levels of human capital were not sufficiently developed.

With info-tech, large parts of the utopian socialist project become possible: from cooperatives, to communes, to outbreaks of liberated behaviour that redefine human freedom.

No, it is the elite—cut off in their separate world—who now look as utopian as the millennial sects of the nineteenth century.

The democracy of riot squads, corrupt politicians, magnate-controlled newspapers and the surveillance state looks as phony and fragile as East Germany did thirty years ago.

All readings of human history have to allow for the possibility of collapse.

Popular culture is obsessed with this: it haunts us in the zombie film, the disaster movie, in the post-Apocalyptic wasteland of *The Road* or *Elysium*.

But why should we, as intelligent beings, not form a picture of the ideal life, the perfect society?

Millions of people are beginning to realize they've been sold a dream that they can never live. In its place, we need more than just a bunch of different dreams.

We need a coherent project based on reason, evidence and testable designs, one that cuts with the grain of economic history and is sustainable in terms of our planet.

And we need to get on with it.

– Postcapitalism

1 1

### 2 de Marzo de 2024

That is the artist's job: take mineral rock from dark silent earth, and transform it into shining light-reflecting form from sky.

— *The Man in the High Castle*



3

### 16 de Marzo de 2024

· [standardgalactic/unscannable-interfaces@27708ae](#)

[github.com](#)

[standardgalactic/unscannable-interfaces](#)

**Protosocial Questions**



0 likes · 0 comments · +6677 · 0 green · 0 blue

[standardgalactic committed March 16, 2024 · 27708ae](#)

0

### 26 de Marzo de 2024

· [standardgalactic/unscannable-interfaces@a04c456](#)

[github.com](#)

[standardgalactic/unscannable-interfaces](#)

**Speculative Biology**



0 likes · 0 comments · +67 · 0 green · 0 blue

[standardgalactic committed March 26, 2024 · a04c456](#)

0

### 27 de Marzo de 2024

Ψηφοθηρευτής των εντάσεων  
Δαιμονολόγος του διαδικτύου  
Περαχτήρι του πληκτρολογίου  
Γκρινιάρης της διαδικτυακής αγοράς

1

### 30 de Marzo de 2024

· standardgalactic/unfinished-thoughts@8a9  
91c2  
github.com

standardgalactic/unfinished-thoughts

**Eleatic Criteria**

OK, I'm charged +2622 -0 ████



standardgalactic committed March 30, 2024 · 8a991c2

### 1 de Abril de 2024



### 6 de Abril de 2024

That sounds like an interesting concept!

Developing a new calendar system can be a fascinating endeavor. If you're looking for suggestions on how to post about it, here are a few ideas for titles or descriptions:

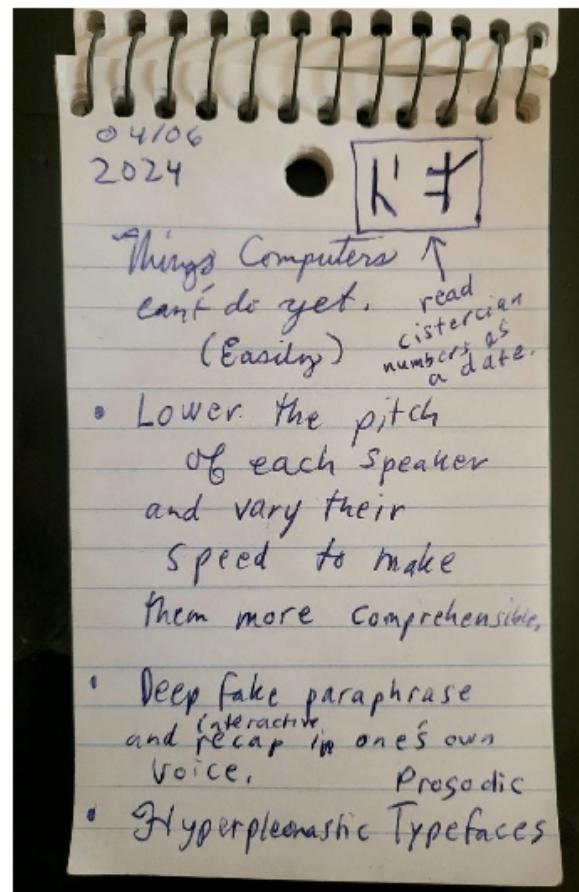
1. "Introducing Cistercian Time: A Revolutionary Calendar System"
2. "Say Goodbye to Traditional Dates: Enter the Era of Cistercian Time"
3. "Cistercian Time: Unveiling a New Way to Mark the Passage of Days"
4. "Beyond the Gregorian Calendar: Exploring Cistercian Time"
5. "Revolutionizing Timekeeping: The Cistercian Calendar System"

Remember to provide a clear explanation of how Cistercian Time works and what sets it apart from existing calendar systems.

Describe the glyphs used for day, month, and year, and highlight any unique features or benefits of your system.

Additionally, including visuals or examples can help readers better understand and visualize the concept.

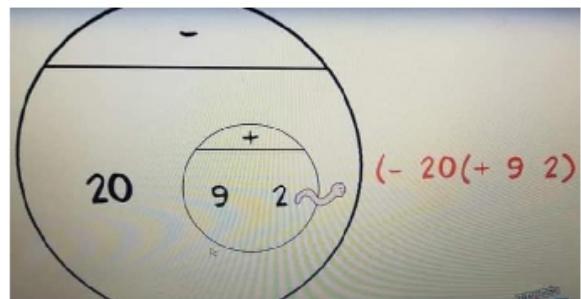
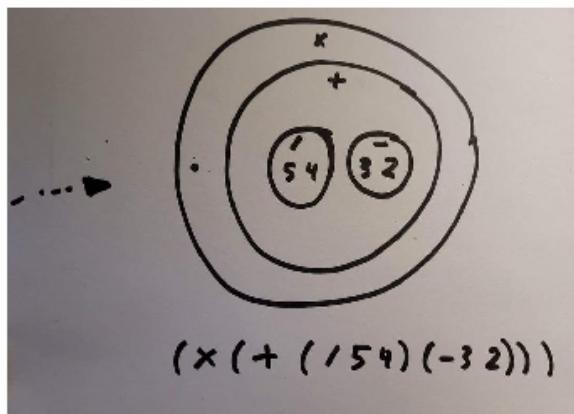
Good luck with sharing your invention!



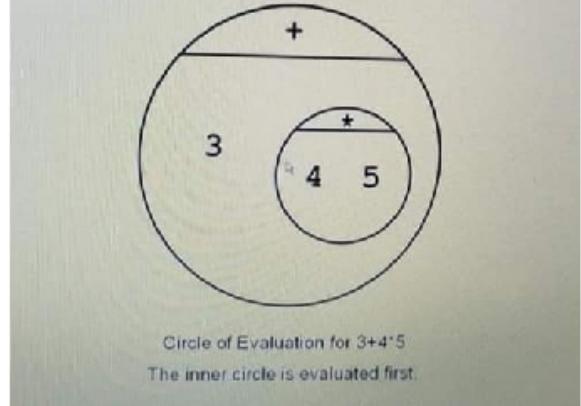
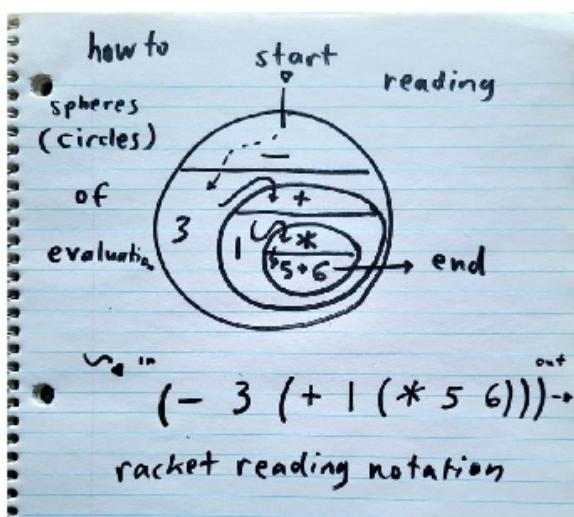
### 9 de Abril de 2024

( How ( + ( - ( 2 )( 1 ))( - ( 2 )( 1 )) play ) Sphepop: ((Find the ( innermost bubble )) and then pop as many ( + b u b b l e s )) as you can (. )))

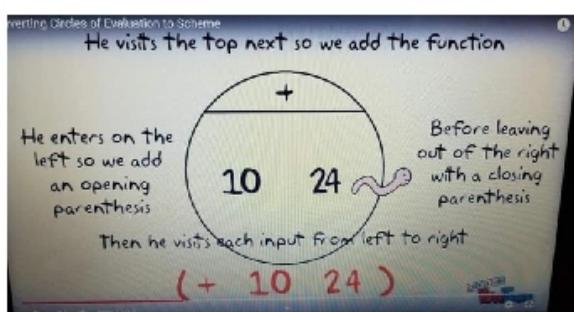
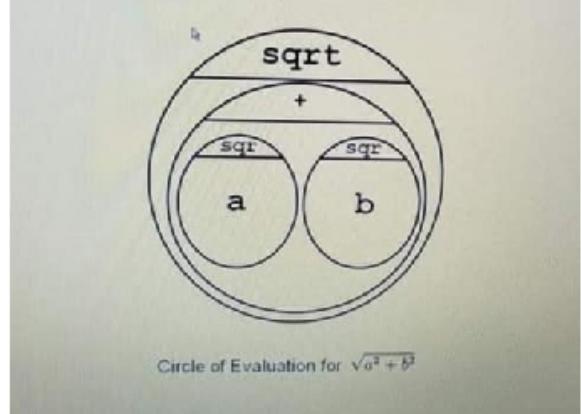
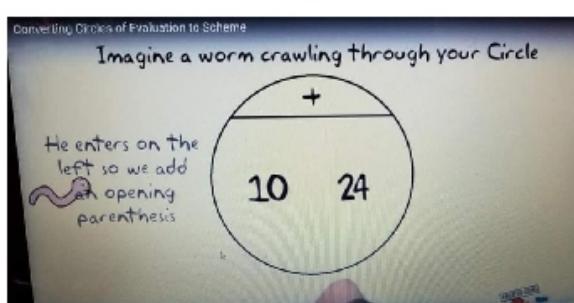
<https://cardinalscs.files.wordpress.com/2014/09/circle-of-eval-racket-code-binary-code-key.pdf>

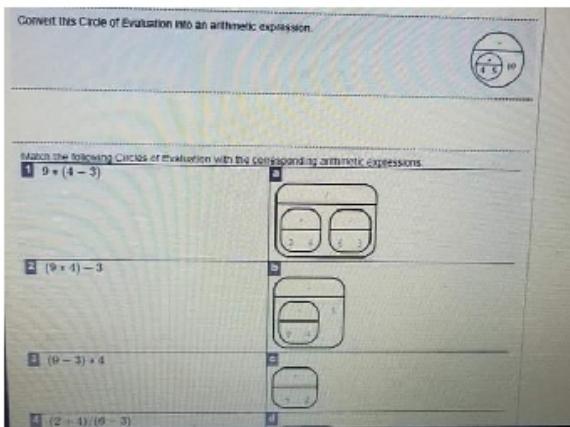


## Circle of Evaluation



## Circle of Evaluation

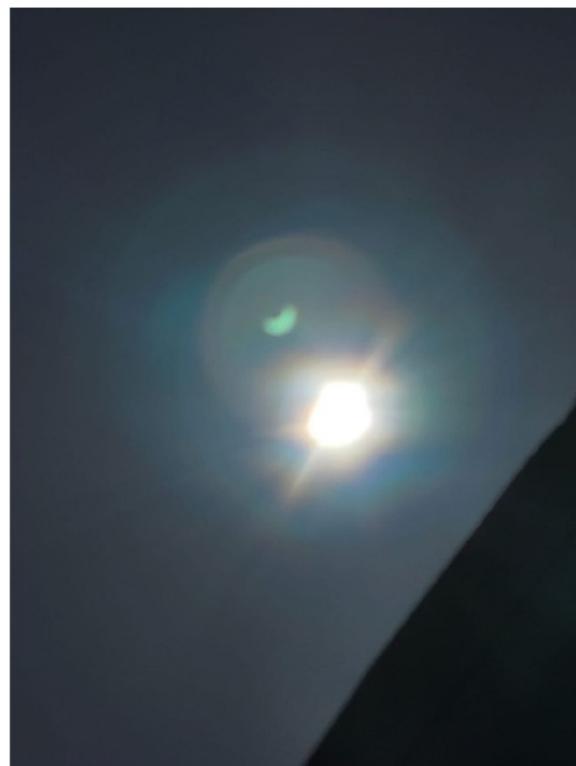


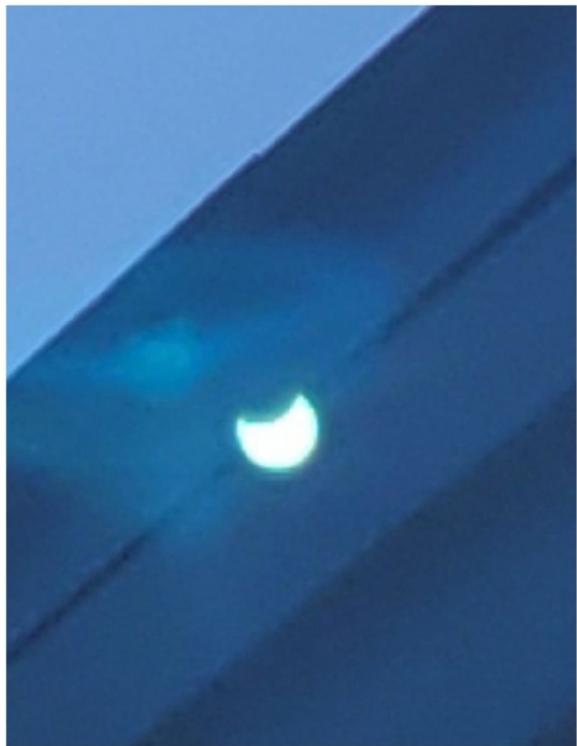


**9 de Abril de 2024**

An eclipse is one phenomenon that is actually more impressive from the ground.

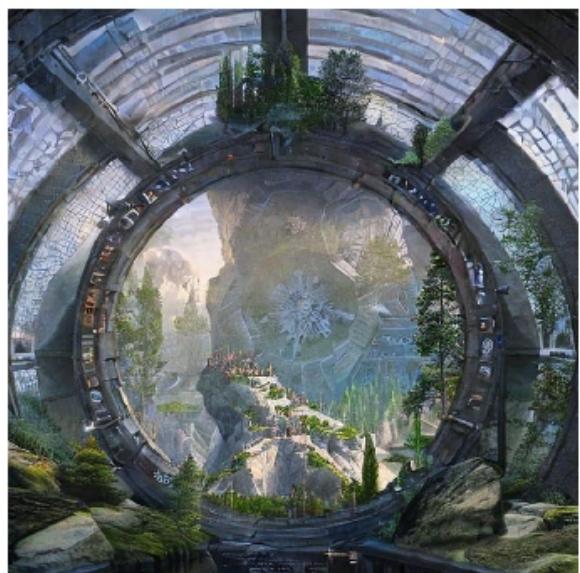
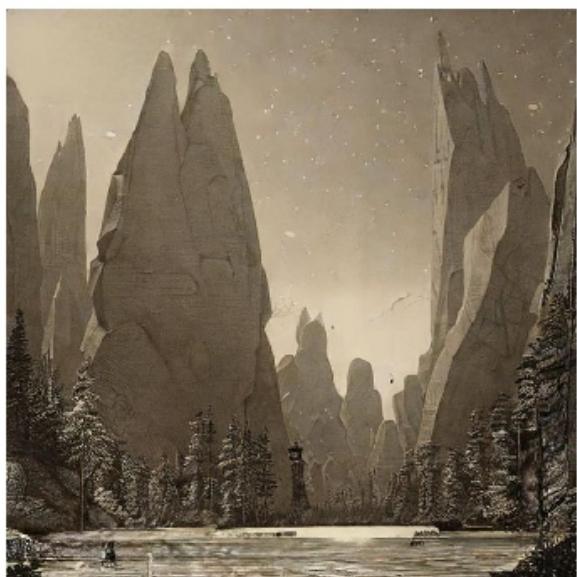
– Leroy Chiao





---

**10 de Abril de 2024**





**12 de Abril de 2024**



**13 de Abril de 2024**

Enchanting Table Script  
Terminal Friendly Standard Galactic Font

#systada  
[github.com](https://github.com/systada)  
[github.com](https://github.com/systada)

**13 de Abril de 2024**

Adapted to SGA for terminal emulator ·  
[standardgalactic/systada@1547e69](https://standardgalactic/systada@1547e69)

[github.com](https://github.com/standardgalactic/systada@1547e69)

[standardgalactic.systada](https://standardgalactic.systada)

**Adapted to SGA for  
terminal emulator**



18 lines changed -14 +4

 standardgalactic committed April 13, 2024 · 1547e69



**14 de Abril de 2024**

<https://github.com/standardgalactic/brain/commit/56c92ff84965050b4156702efd621bb03795ad10>

```
735457 failures 00:57:02

Benchmarking BINGME ~/OneDrive/Documents/GitHub/brain (master)
9 ls
'Allitude Awareness'
'Brain In Vit Skepticism'
'Drat Mentality Explained'
'Deep Phanteste'
'Emergent Constraint Theory'
'Foundation Refinement Paradigm'
'Real-Worlded Programming'
'Hexagonal Voltag'
'Intertaintist Anarachism'
'Doubter Warfare'
```

**Briefly** mention some of the challenges associated with traditions. Forms of government to introduce the potential school of anarchism.

+

Here's an example incorporating these suggestions:

Imagine a world without presidents, police, or corporations. A world where decisions are made directly by the people, and cooperation reigns supreme. This is the utopian vision of Transnational anarchism, a radical branch of anarchist thought that challenges the very foundations of authority. While traditional governments often struggle with corruption, inefficiency, and social inequality, Transnational anarchists propose a caring alternative: the complete dismantling of hierarchical structures. This essay delves into the principles, history, and critique of Transnational anarchism, examining its critique of authority and the vision for a transformative society.

- Thesis statement: This essay explores the principles, history, and contemporary

15 de Abril de 2024

[standardgalactic/brain@b8e9f6a](https://github.com/standardgalactic/brain)



15 de Abril de 2024

19,828

UNIX Time Begins

<https://www.exactlywhatistime.com/time-ago/19828-days-ago-from-today>

19828 days ago from  
today was

**Thursday  
January  
01, 1970**

15 de Abril de 2024



**Mitochondrial Eve**

This post is very special because it doesn't use artificial intelligence at all. Also no computers, word-processors, or spell-checkers.

You can see very clearly why the capslock key is above the shift key even though it is useless on modern keyboards. I use my left pinky for all capitals even if I want to spell out the whole WORD. On this typewriter, a joyous gift, it is a physical mechanism that holds the both shift keys down, along with the whole physical carriage. (Sorry, I realized that I was spelling that mid word). The enter (return) mechanism is a physical handle that slides the ro roller over and moves the paper up. The enter key is red and says "tab" three in place a red key named "repeat space" which I have mapped to F10 on my keyboard, but it only sends a space ever 5 seconds, whereas this one has a more rapid fire action.

I find that I have to use two finger typing because if I type too fast you can't see the ink.

Mitochondrial Eve is our earliest mother of the living that we share with all animals. Sometimes I wonder what it would be like to be a shark or an octopus, but this gets very boring quickly.

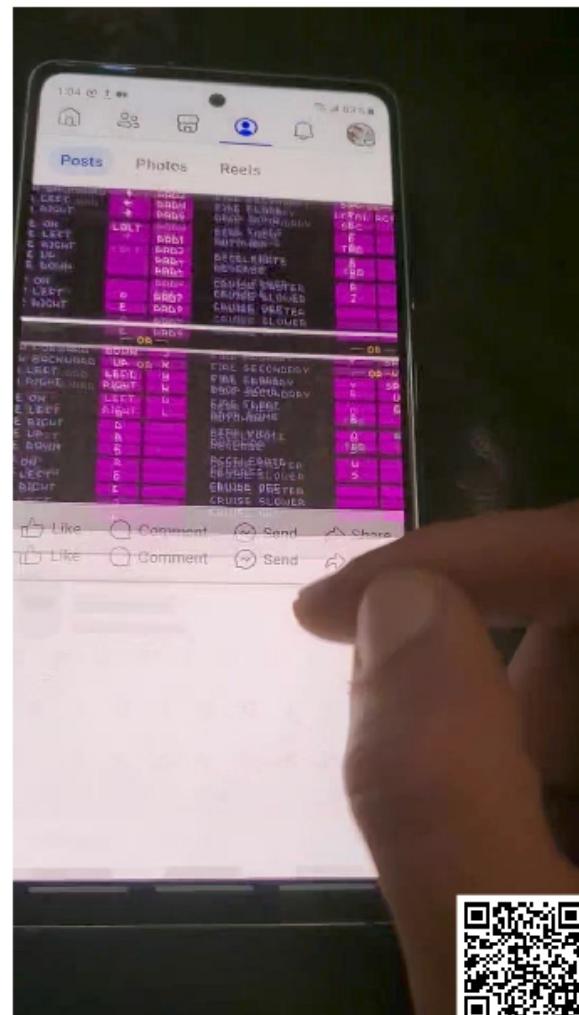
If you would like more information use google or consult a Miss LiMMS. This is getting tedious.

#proxima\_gystada

**15 de Abril de 2024**

DIRECTOR'S CUT

My Facebook Timeline



**19 de Abril de 2024**

Scientia rerum naturalium,  
Quae nos in mundi fontibus educat,  
Mathesis discursus lumina nobis pandit,  
Intelligentiam mentis nostrae ad astra erigit.

Epistemologia, sapientiae speculum,  
Quae nos ad veritatem ducit,  
Exemplaria mentis nostrae illustrat,  
Ut mundi mysteria cognoscamus.

## 21 de Abril de 2024



## 23 de Abril de 2024

Number	English	Traditional English	Arabic
1	Oneday	Sunday	يوم الأحد
2	Twosday	Monday	يوم الاثنين
3	Threesday	Tuesday	יום الثلاثاء
4	Fourday	Wednesday	יום الأربعاء
5	Fivesday	Thursday	יום الخميس
6	Sixesday	Friday	יום الجمعة
7	Sevensday	Saturday	יום السبت

## 23 de Abril de 2024

- ! 21

Forget everything you know about time because the - is here to turn your world upside down! Say goodbye to mundane Mondays and typical Tuesdays, and hello to a life where every day is an adventure in time:

: Unravel the mysteries of time travel with a day

that defies the past and future.

: Rewind and fast-forward through your week with a day that remembers tomorrow.

: Swing into a steady rhythm with a day that's as consistent as the ticking of a clock.

: Freeze time with a day dedicated to capturing moments that last forever.

: Branch out in every direction with a day that celebrates endless possibilities.

: Compute the incomprehensible with a day ruled by the logic of superintelligences.

: See all potential futures with a day that's a window to infinity.

: Balance the chaos of your week with a day that's the eye of the storm.

And just when you thought it couldn't get any wilder, we've thrown in an - —because who needs 24 hours when you can have 22 hours of 1.09-hour-long bliss?

Plus, with , you'll be decoding your calendar like it's a secret message from the future.

Embrace the chaos, decode the divine, and live every week like it's a sci-fi saga with the 8-Day Week System! 🌟👁️

Here's an answer I got using Microsoft Copilot, the world's first AI-powered answer engine. Select to see the full answer or try it yourself.  
<https://sl.bing.net/hVxf0SVm0R2>

## 23 de Abril de 2024

**Tienda de flyxion | Redbubble**

[redbubble.com](https://www.redbubble.com/people/flyxion)



## 27 de Abril de 2024

**Hace 5 años**

## 30 de Abril de 2024

Because Who Needs New Thoughts When You've Got Old Ones?

Prepare to have your mind moderately blown—or at least dusted off a bit—with the newest cognitive buzzword on the block: Aspect Relegation Theory. Yes, folks, gather around as we discover that our brains might just be lazier than we thought, efficiently shoving learned behaviors from the penthouse suite of our consciousness down to the basement of our subconscious.

So, What's the Big Idea?

Apparently, after doing something a billion times, we start doing it without thinking. Groundbreaking, right? Enter Aspect Relegation Theory, which suggests that our fancy System 2 thinking—where we're all conscious, attentive, and making an effort—eventually gets demoted to System 1 thinking, where everything is automatic, effortless, and, frankly, a bit boring.

Brain on Autopilot: The Ultimate Efficiency Hack

Forget mindfulness and living in the moment. According to Aspect Relegation Theory, the real goal is to make everything so routine that you don't have to bother actually thinking about it. Efficiency is the name of the game, and our brains are the undefeated champions, turning once-complex tasks like driving, typing, or tuning out during meetings into no-brainers.

Revolutionary or Just Really Obvious?

The theory takes a page from every self-help book ever: practice makes perfect, or at least makes permanent. By doing something over and over, our brains shift the workload from "I actually have to think about this" to "I can do this in my sleep." It's a thrilling reminder that we can train our brains to be less engaged—just what everyone striving for personal growth probably doesn't want to hear.

Why You Should Care (Or Not)

If you're into hacking your brain's system to make life smoother, Aspect Relegation Theory might just be your new best friend. It's a handy excuse for why you forgot your anniversary again ("Sorry, honey, my brain relegated it") and a great reason to never change your morning routine.

In all seriousness, Aspect Relegation Theory does offer some genuinely interesting insights into how and why we automate tasks and behaviors. It opens up discussions about cognitive load,

learning processes, and how we can optimize both for better productivity and mental health. Just be prepared to wrestle with the notion that being on autopilot isn't just for airplanes and bad dates anymore.

Bottom Line

While Aspect Relegation Theory might not be stopping the presses, it's certainly a conversation starter about how our brains streamline the tedious complexity of daily life into manageable automaticity. So the next time you find yourself driving to work on autopilot, thank your brain for its service in making life a little less mentally taxing. Just make sure to wake up in time for your exit.

• [standardgalactic/library@0ea5111](mailto:standardgalactic/library@0ea5111)

[github.com](https://github.com/standardgalactic/library)

standardgalactic/library

**Distributed Spectral Awareness**



248 likes · 0 comments · +248

standardgalactic committed Apr 30, 2024 · 0 · 0ea5111

## 3 de Mayo de 2024

### 1. Map Navigation

Imagine you're navigating with a map that doesn't show every new road or landmark (this is your prior belief about the landscape). As you travel, you observe new features not on your map, akin to acquiring new data. Geometric Bayesianism is like updating your map in real-time, adjusting your understanding of the landscape based on what you actually see. Each update shifts the 'position' of your belief on the map, moving from one point (prior belief) to another (posterior belief) through a path dictated by the new data (likelihood).

### 2. Adjusting a Projector Image

Think of a projector that needs to be adjusted to correctly fit an image onto a screen. The initial projection might be blurry or misaligned (prior distribution), and the clear, focused image on the screen represents the data you actually observe. Adjusting the focus or alignment of the projector is like updating your beliefs—the knobs and adjustments are your Bayesian updates. Geometric Bayesianism visualizes each tweak as a movement in a space, where the perfect alignment corresponds to the most accurate belief (posterior

distribution) based on the observed data.

### 3. Mixing Paint Colors

Consider the process of mixing paints to match a desired color, where the colors you mix are based on an initial guess (prior distribution). As you add more of one color or another based on observing the mixed outcome, you're effectively updating your 'belief' about the right mixture to use.

Geometric Bayesianism would represent each addition of paint as a movement in a color space from your initial guess towards the target color, influenced by the 'data' of the color you observe each time you mix.

### 4. Tuning a Musical Instrument

When tuning a musical instrument, such as a guitar, you start with a note that you think is close to correct but might be a bit off (prior belief). You pluck the string and use a tuner (data) to check the sound. Adjustments you make to the tuning peg are like Bayesian updates, incrementally moving from your initial guess to the correct tuning. In Geometric Bayesianism, each tweak can be visualized as a step in a sound frequency space, aiming to align your played note with the true note.

### 5. Cooking to Taste

Imagine you're cooking a soup and start with a basic recipe (your prior). As you taste the soup, you decide it needs more seasoning—each taste test is new data. Adjusting the seasoning based on taste is like performing Bayesian updates, where you're moving from your initial recipe towards one that better suits your palate. Geometrically, each seasoning adjustment moves you through a 'flavor space' from your initial guess (prior) to the optimal flavor profile (posterior).

These metaphors help illustrate how Geometric Bayesianism applies a geometric perspective to the process of updating beliefs based on new information, making abstract statistical concepts more tangible and relatable in everyday decision-making scenarios.

· [standardgalactic/brain@b6be25f](https://standardgalactic/brain@b6be25f)

github.com

standardgalactic/brain

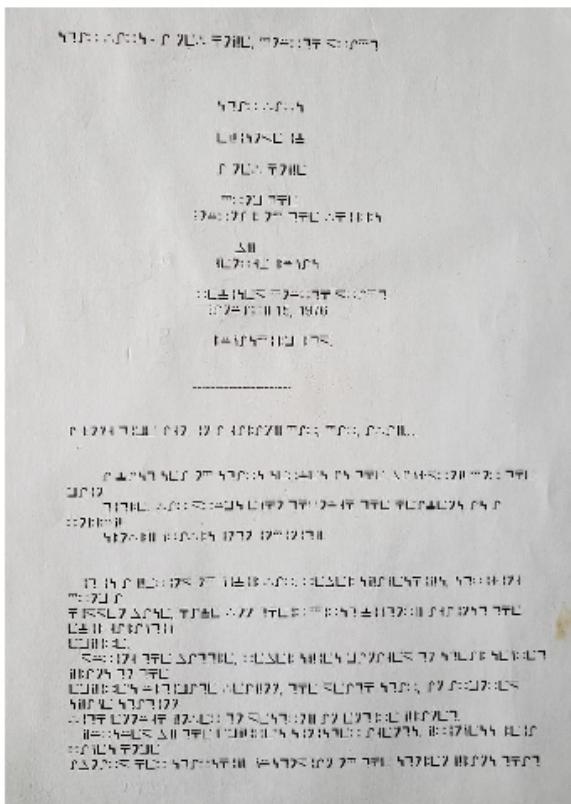
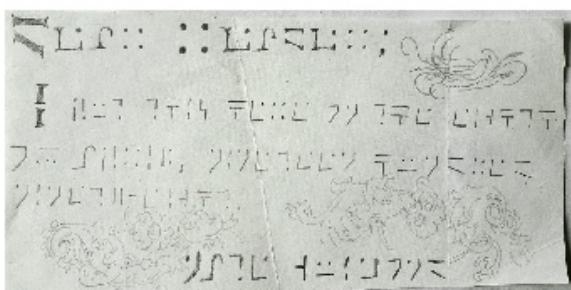
**Geometric Bayesianism**

796 issues · 4799 commits · 0 stars · 0 forks



### 3 de Mayo de 2024

Memorabilia



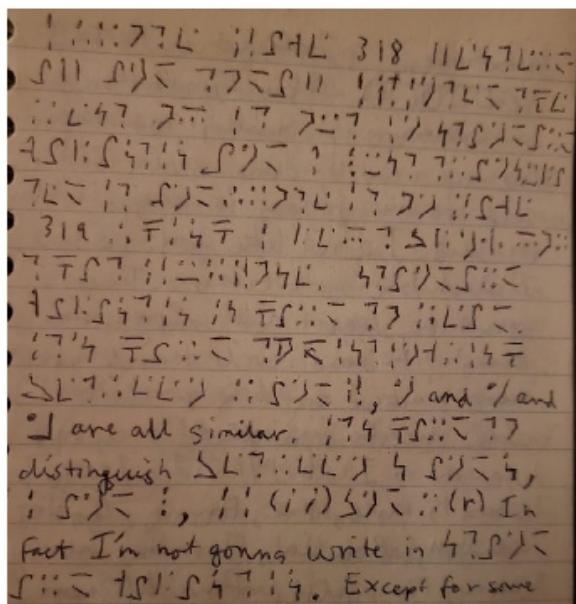
### 4 de Mayo de 2024



#### 4 de Mayo de 2024

When I noticed Standard Galactic was easier to write than to read.

March 17, 1998



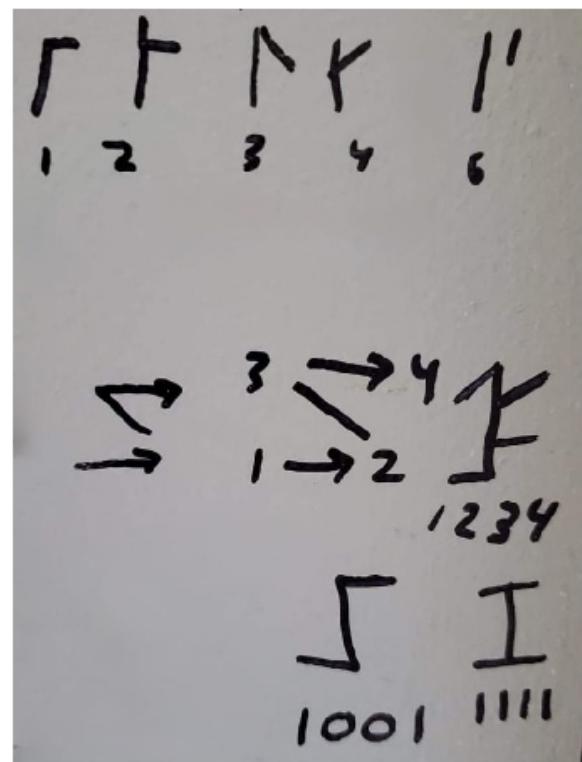
#### 4 de Mayo de 2024

February 5, 1989



#### 4 de Mayo de 2024

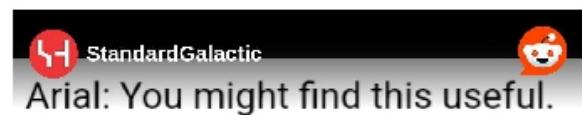
A Minimal Set of Rules for Learning Cistercian Numbers



#### 5 de Mayo de 2024

From the StandardGalactic community on Reddit: New Galactic Translator

reddit.com



#### 7 de Mayo de 2024

Work In Progress



**7 de Mayo de 2024**

Greatest Of All Tales:  
Akhfash's GOAT

the students, the repeating of what they have learned from Public Lecturers, either to each other or to other pupils, is of much greater importance than the listening to the Professor alone. And this Arabic maxim is well known amongst them, viz. "The lecture is equal only to one word, but the repetition is a thousand." However, the poor Akhfash was for a long time quite unhappy and distressed, and at a loss how to supply the want of a pupil.

كَلْمَةٌ يُكَرِّرُونَ وَدَنْ شَانْ تَكْرَارٌ دَنْيَ بَيْرٌ سَائِدٌ

B.

Aha! I see that the "Akhfash's goat" shakes his head at logic too!

A.

Akhfash's goat?! What does this mean? This expression is also new to me!

B.

Akhfash is one of the celebrated grammarians of Arabia. They say, that at the beginning of his studies, whether because he had a bad delivery, or had not as yet acquired any knowledge

B.

Akhfash is one of the celebrated grammarians of Arabia. They say, that at the beginning of his studies, whether because he had a bad delivery, or had not as yet acquired any knowledge worthy of being delivered, or both—God knows best!—but, certain it is, that at that time he could not find a pupil to whom he might repeat what he was in the habit of acquiring at public lectures or by private studies, and by this means sharpen his own wits. Now, you must know, that in Eastern Countries, amongst

مِنْطَقُ هُمْ

دَارِدَائِينْ

عَرِبَسْتْ

بَسَبِبْ

قَنْوَزْ عَلَيْ

يَا هَرْدُو

عَرِبَسْتْ

بَسَبِبْ

قَنْوَزْ عَلَيْ

يَا هَرْدُو

يَنْ اَسْتْ

يَتَوَانِسْتْ

يَا مَطَالَعَةْ

رَارِنِمُودِيْ

تِيزْ گَرْدَا

يَدِكَهْ دَرْ

At length, he (*literally*, his thoughts) hit upon this expedient. He bought a little kid, and taught it while yet young; until, by degrees, it became quite perfect in the part Akhfash expected it to perform, which was this:—As soon as Akhfash opened any book, and placed it before himself, the little goat also instantly bounded on the other side of the book, opposite to Akhfash, and, bending both its fore-legs, rested on its knees, and, fixing both its eyes on the face of the *teacher*, waited with profound attention.

it to perform, which was this:—As soon as Akhfash opened any book, and placed it before himself, the little goat also instantly bounded on the other side of the book, opposite to Akhfash, and, bending both its fore-legs, rested on its knees, and, fixing both its eyes on the face of the *teacher*, waited with profound attention. Akhfash would begin lecturing; and whenever he came to the end of a preposition,

خُورَدْ

كَيْ

حَكَهْ

مَلْ

يَقَاتَهْ

خُودْ

نَابْ

رَدْو

فَرَدْو

دَرْ

سْ

يَقَاتَهْ

خُودْ

نَابْ

رَدْو

فَرَدْو

دَرْ

نَادَهْ

or to a pause, he would look the goat in the face, and, in a louder tone of voice, ask, "Didst thou understand?" when the goat, in reply as it were, nodded its head thrice, as much as to say, "Yes!"

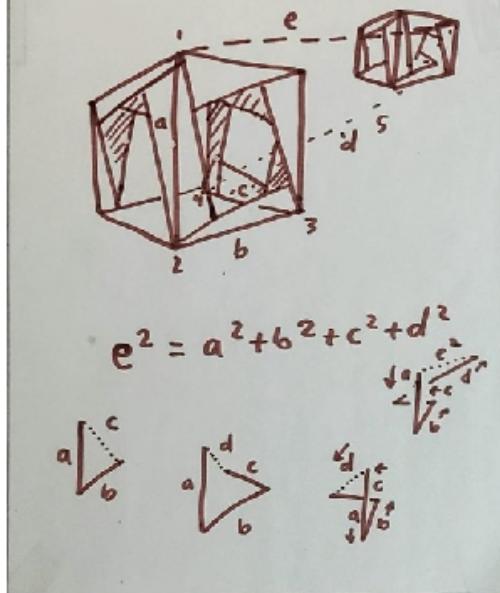
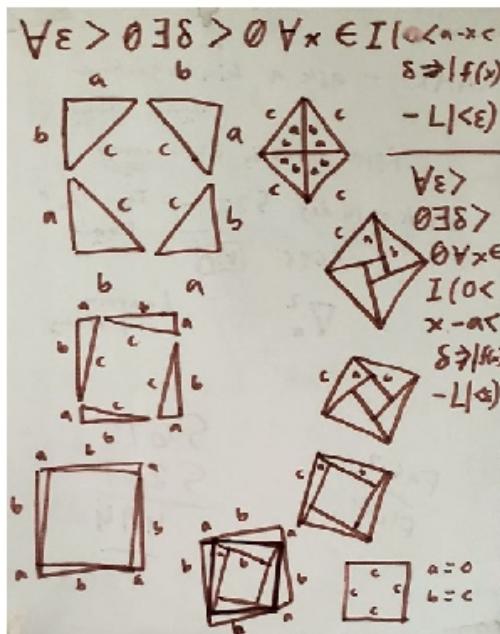
Since that time, "Būzé Akhfash" has become a nickname for those *simpletons* who have no more active brains in their heads than [had] Akhfash's goat, and, like the same animal too, when a conversation is going on upon some intellectual subject, of which they have not the least notion, shake their heads and beards, as much as to say, "We understand also."

سُنَّلَه يَا بُوقْفِي  
وَبِأَوْازِي بَلَدَتِر  
دِي وَبِزَگُونِي دَر  
اجْتَبَانِي دِي

كَنَّا يَتَ شَدَه  
لَوْحِي رَا كَهْدَر  
أَخْشَ نَهَارَنَه  
نِيزْ جُونَه  
مَطْلَقَاهْ بَرَي  
دَسَرُورِي شِي  
مَهِ فَهْمَهِيم

### 7 de Mayo de 2024

Supercube Proof of the Pythagorean Theorem



### 7 de Mayo de 2024

Here's something I'm working on: Retrieval Augmented Generation.

I took a bunch of my conversations with AI and generated embeddings with the Chat with RTX demo, to be able to query my previous ideas and constrain it to more coherent hallucinations. I haven't been successful with the ChatRTX version 0.3 yet.

You could try to use the embeddings to query my research, or make your own from the academizer repository, or from your own database of projects

you're working on.

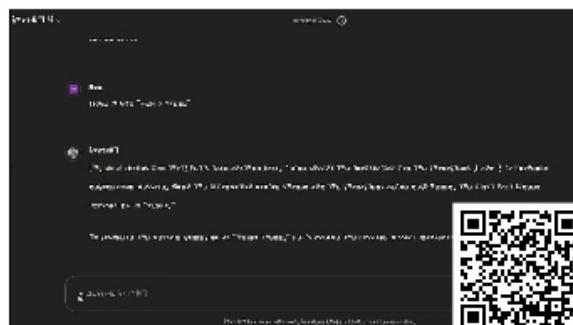
<https://huggingface.co/datasets/Flyxion/academizer>

<https://github.com/standardgalactic/academizer>

<https://github.com/standardgalactic/abraxas/blob/main/Hyperion%20Parmenides.txt>

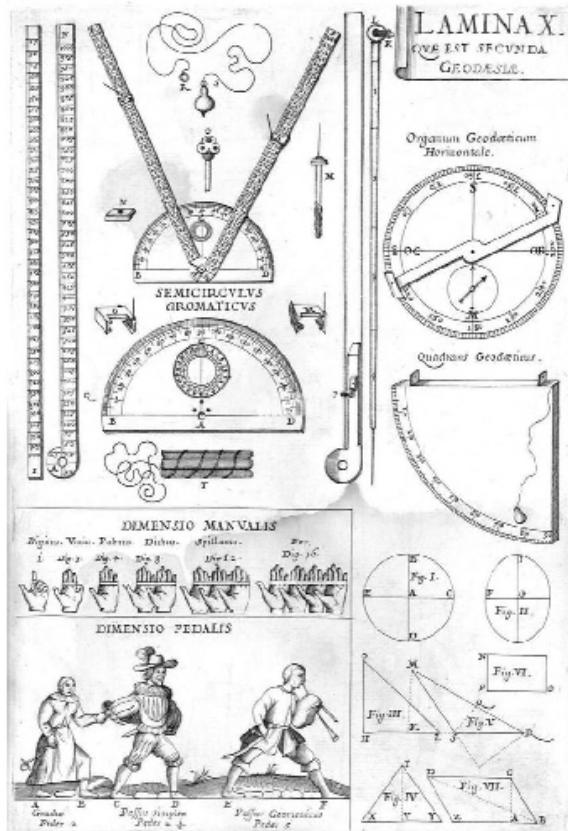
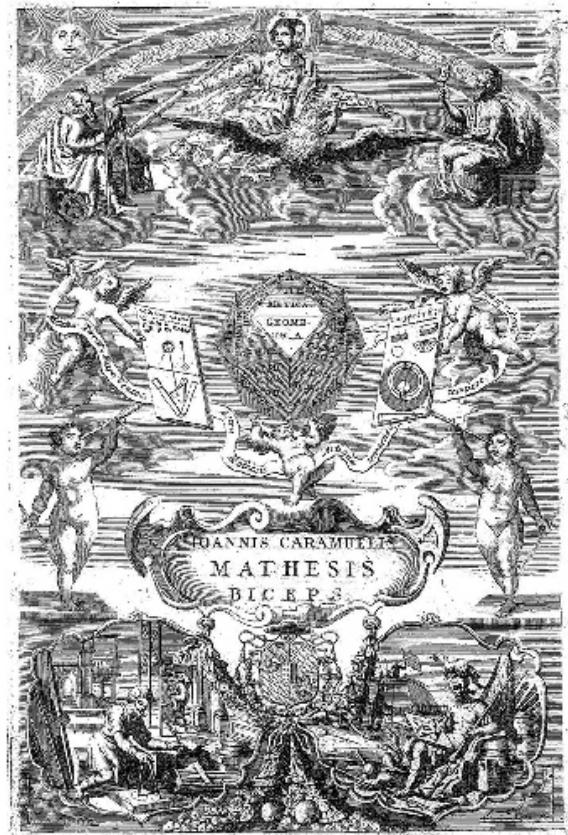
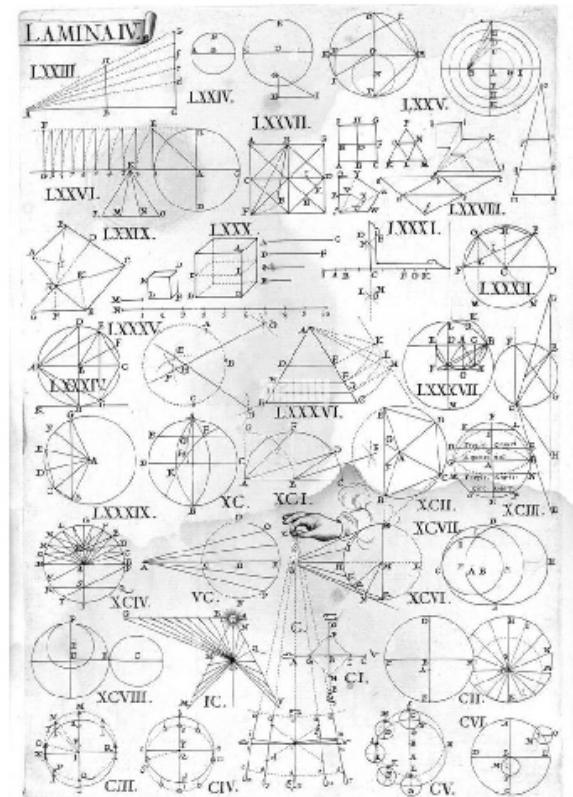
<https://github.com/standardgalactic/abraxas/blob/main/Hyperion%20Parmenides.mp3>

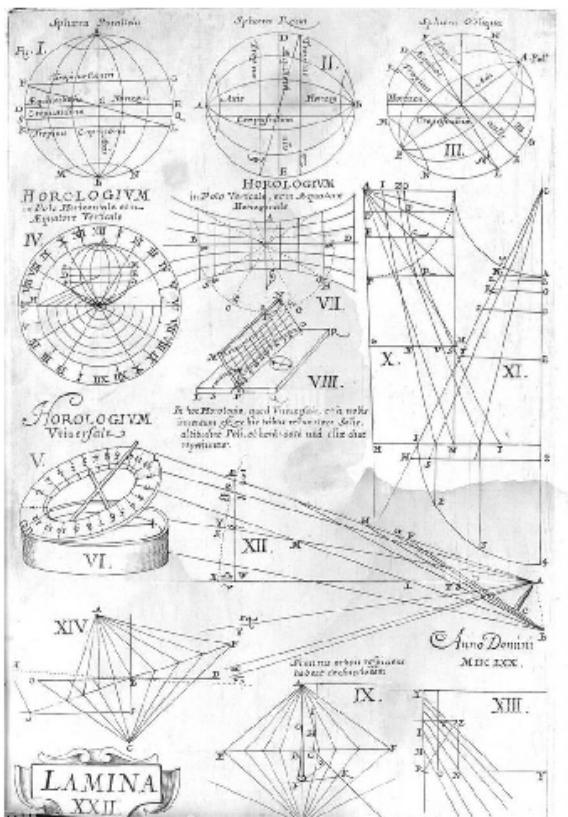
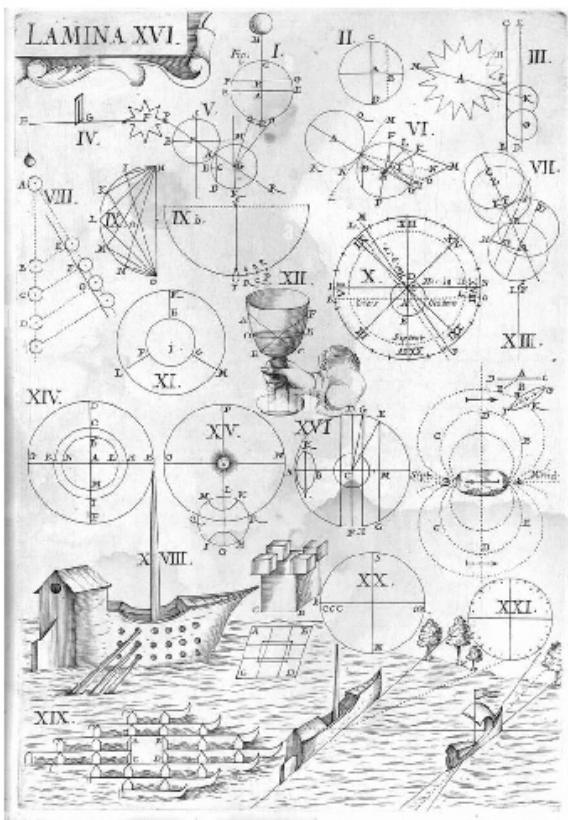
## 8 de Mayo de 2024



## 8 de Mayo de 2024

Two-Headed Knowledge: Old and New  
Mathesis Biceps Vetus Et Nova  
Ioannis Caramuelis, 1670



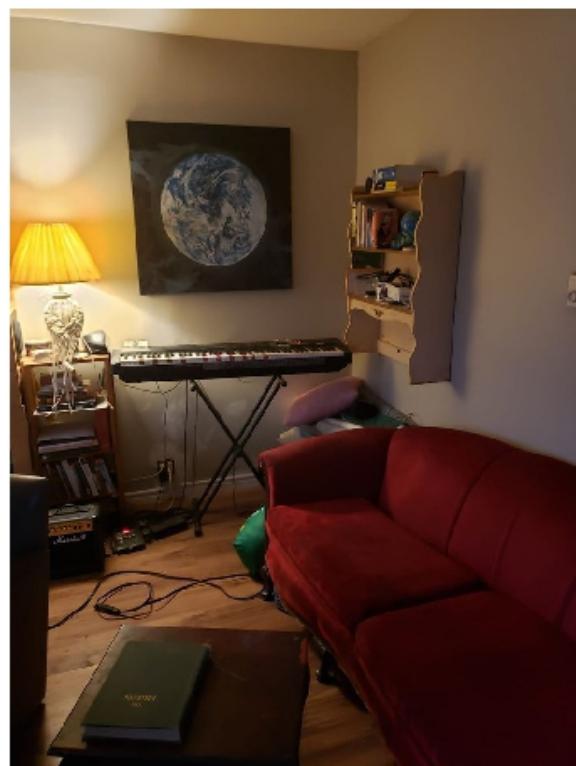


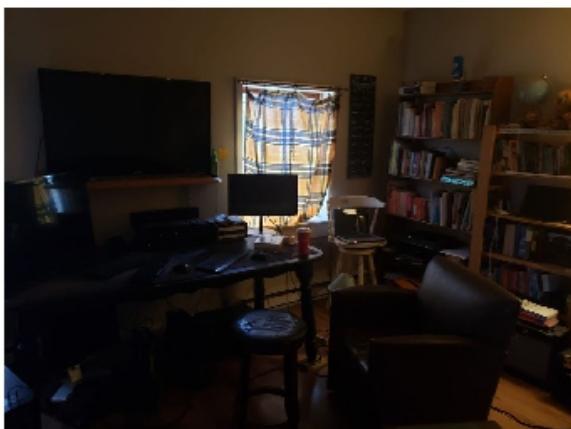
8 de Mayo de 2024



9 de Mayo de 2024

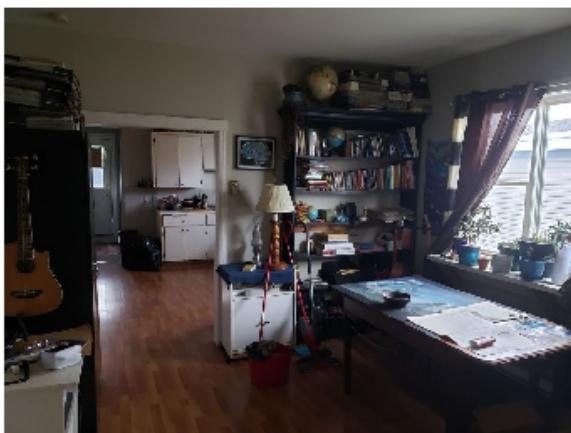
What Condition My Condition Is In





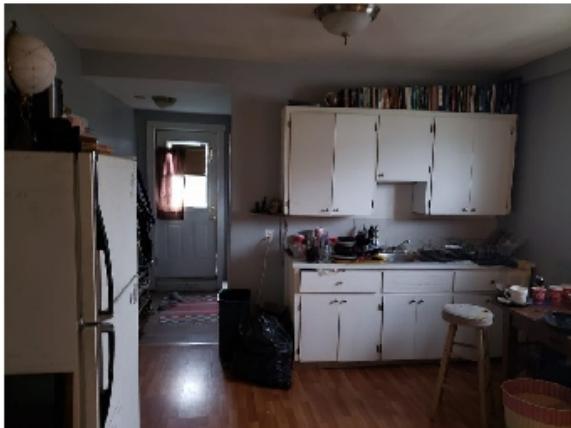
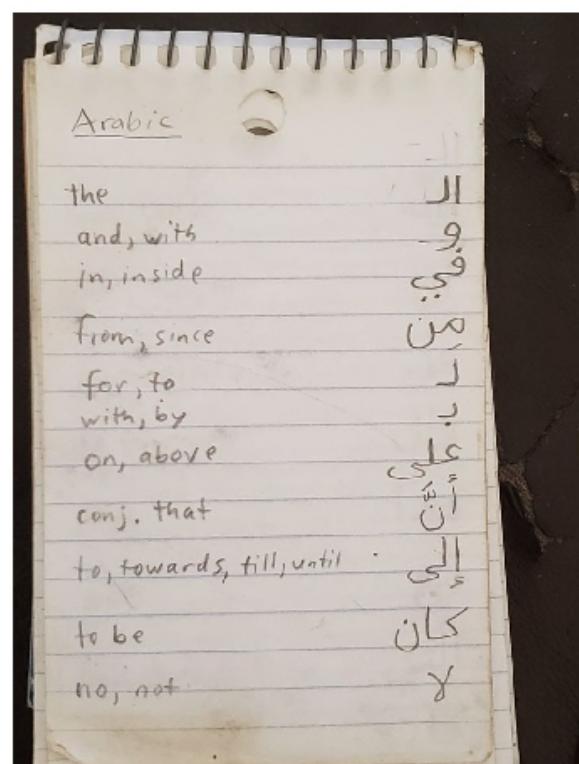
9 de Mayo de 2024

Hace 6 años



11 de Mayo de 2024

Arabic Notes



God, Allah	الله
(conj.) that, to	آن
from, about	عن
to say, tell	قول
this	هذا
with	مع
who, whom, which (fem. sg.)	التي
each, every, all	كل



that (masc. sg.)	ذلك
has, have already	قد
other, another, one more	آخر
thing, something	شيء
with, next to, at	مع
first, best	أول
other than, different, not	غير
when, if, whenever	[إذ]

(neg) not لـ

conj. that عـ

whatever, that which  
(rel. pron.) لـ

- - - - -  
diss. continuous or  
habitual action →

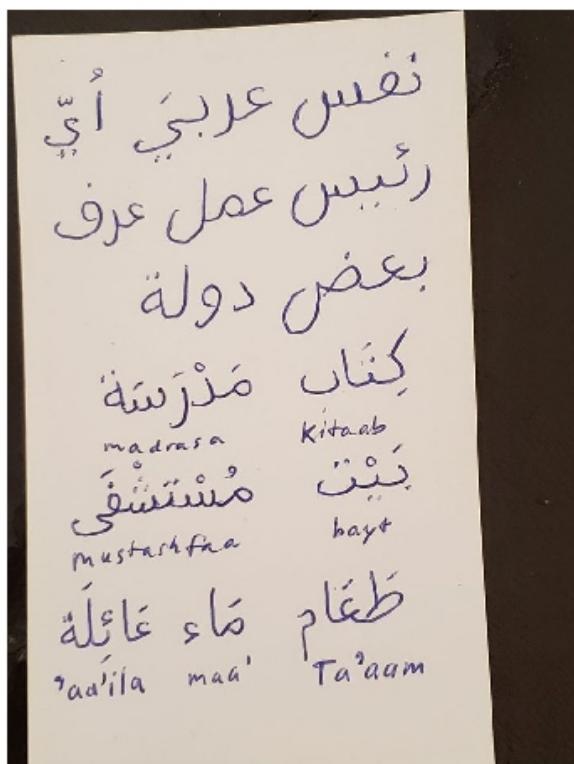
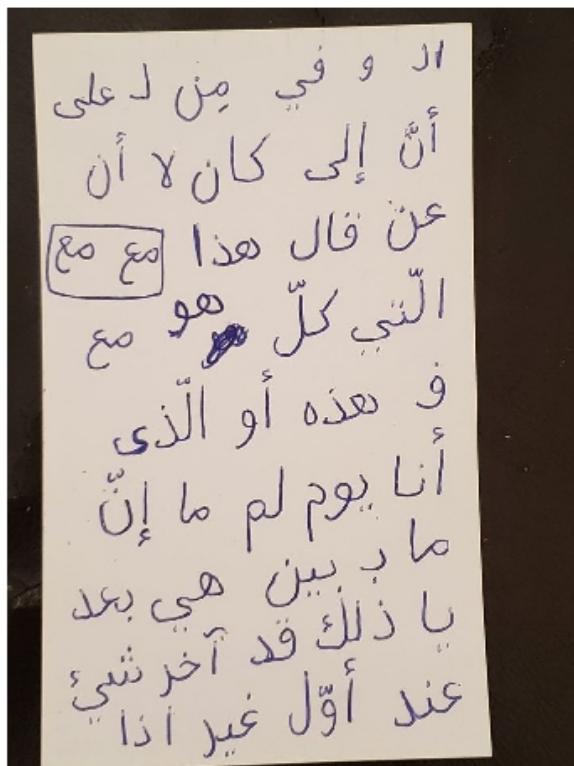
between, among بـین

she, it بـنـ

after بـعـد

vocative particle, oh, عـ

same, self	نفس
arabic, arabian, arab	عربی
any, which, whatever, whatever	أي
president, head, leader	رئيس
working, activity, action	عمل
to know	عرف
some, several	بعض
state, country	دوله



11 de Mayo de 2024

The analogy you're looking for maps nicely onto how neurons in a neural network (especially those using ReLU activation) strengthen or weaken their connections, akin to paths in a forest being

shaped by usage.

Imagine a forest with numerous potential paths that deer might travel. Each path through the forest represents a connection or a neuron in a neural network:

#### 1. Path Formation (Initial Connection):

Initially, all paths in the forest are somewhat overgrown and unclear. These represent the neurons before they have been significantly trained or utilized.

The paths are present but not well-defined, similar to neurons with initial, small weights.

#### 2. Path Usage (Activation and Weight Adjustment):

As a deer chooses a particular path and frequently travels it, the path becomes clearer and more defined; obstacles are trampled down, and the path becomes easier to travel.

In neural network terms, this is like a neuron that frequently activates (fires), leading to an increase in the strength (weight) of its connections.

This is because, in machine learning, frequently used connections are reinforced (a concept known as "Hebbian learning" or "neurons that fire together, wire together").

#### 3. Disuse Leads to Overgrowth (Weight Decay):

Paths that are not used begin to grow over. Plants start to reclaim the area, and obstacles like fallen branches or growing bushes make the path less navigable.

This is analogous to the decay of weights in a neural network, where connections that are not frequently used weaken over time.

This can be likened to the zero part of the ReLU function, where negative inputs lead to zero output, effectively stopping any contribution from less useful connections in data processing.

#### 4. Adaptation to Changing Conditions (Dynamic Adjustment):

Over time, the most useful paths in the forest are well-maintained by the regular passage of deer, just as in a neural network, the most important features (inputs) and connections (weights) are strengthened by ongoing training and usage.

Less useful paths disappear under new growth, mirroring how irrelevant or rarely useful connections in a network are pruned or reduce in influence.

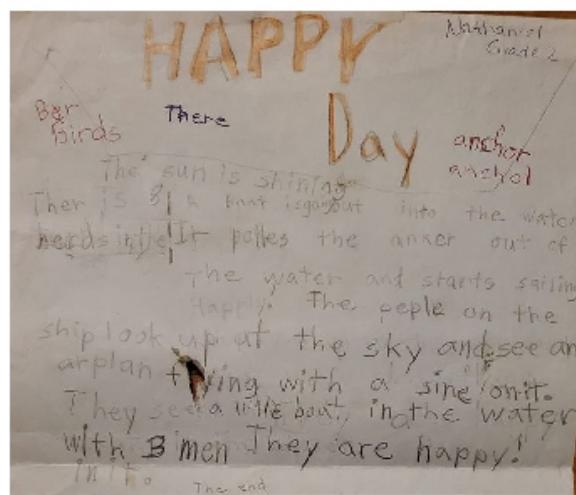
This analogy helps illustrate how neural networks adapt and learn over time, selectively enhancing pathways (neurons and connections) that are most beneficial for the tasks they perform, and reducing the influence of those that are not.

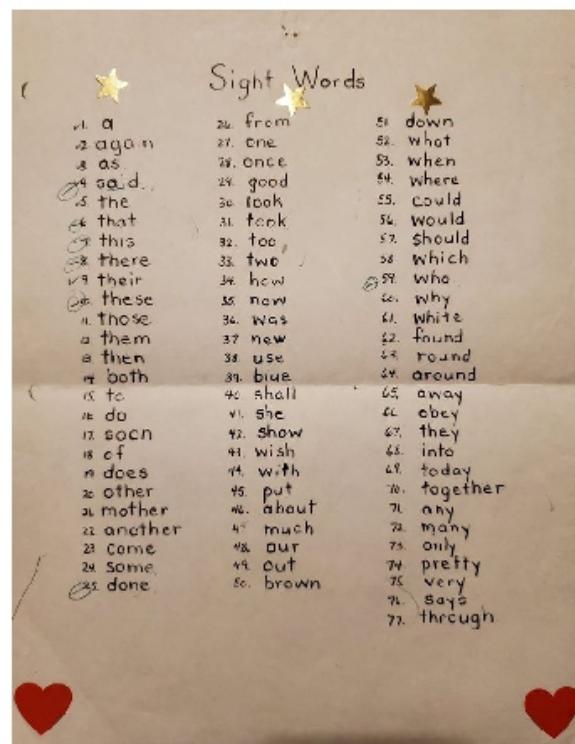
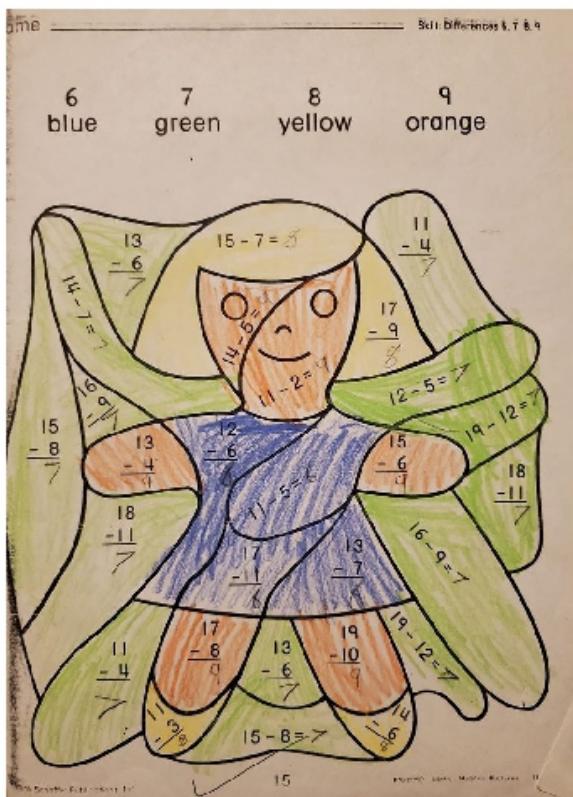
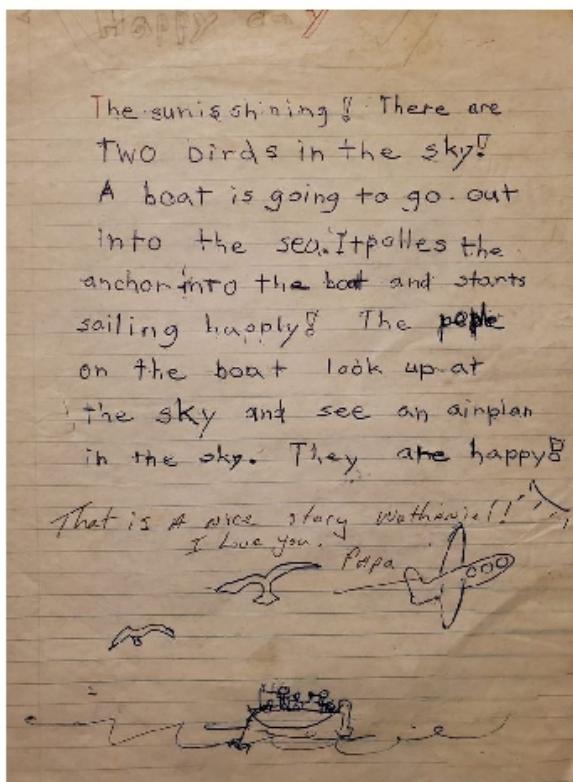
It also nicely captures the non-linear aspect of ReLU, where some inputs (like negative ones) lead to no activation, effectively "closing off" certain paths in the model's decision-making process.

<https://chat.openai.com/share/68b9d453-6d1b-4f e4-9617-e0526cd90f01>

#### 12 de Mayo de 2024

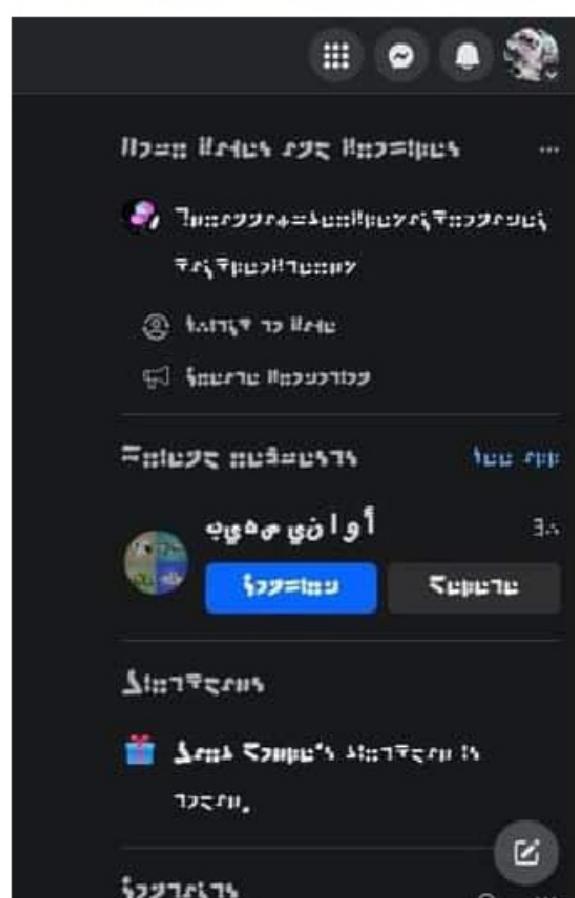
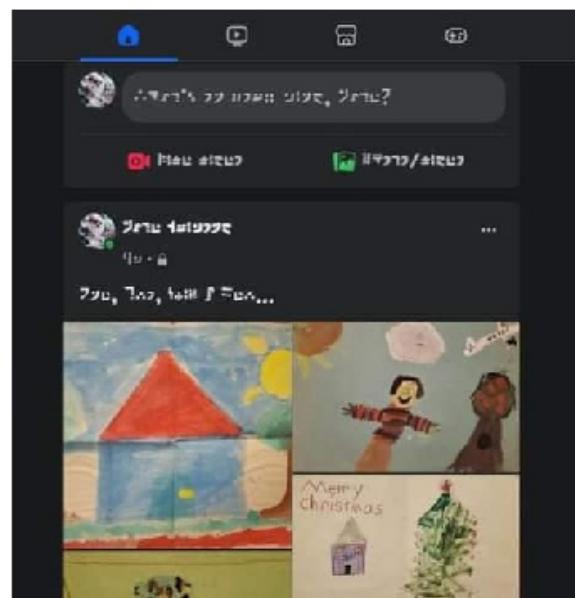
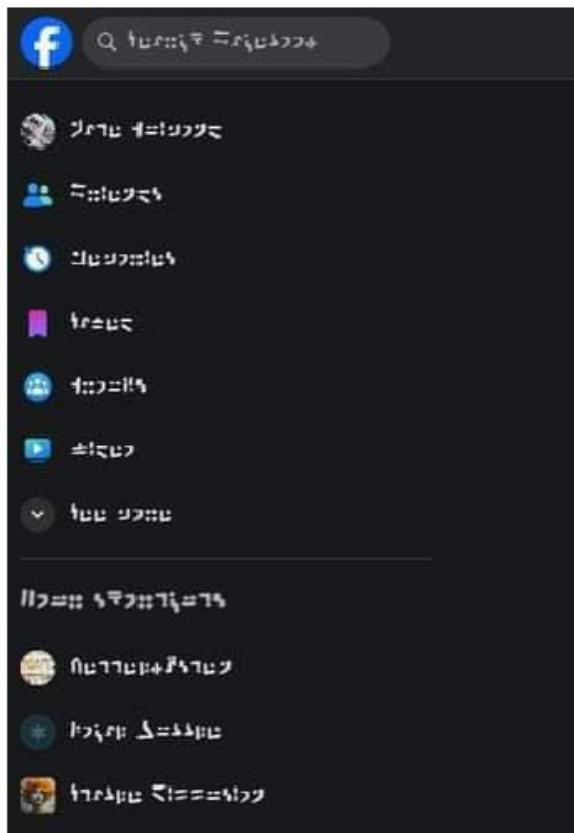
One, Two, Skip A Few...



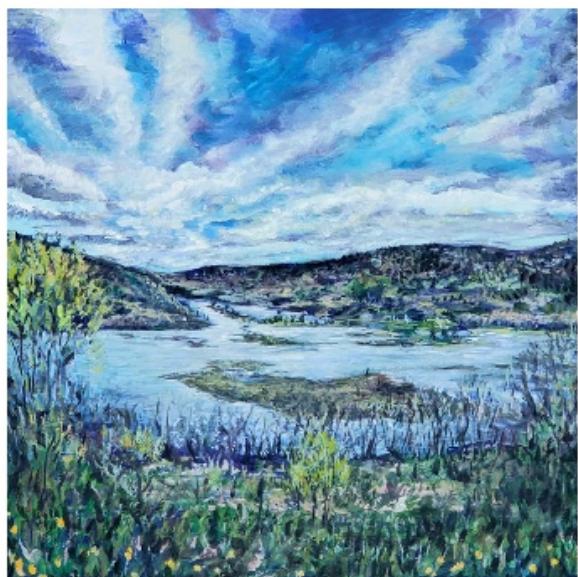




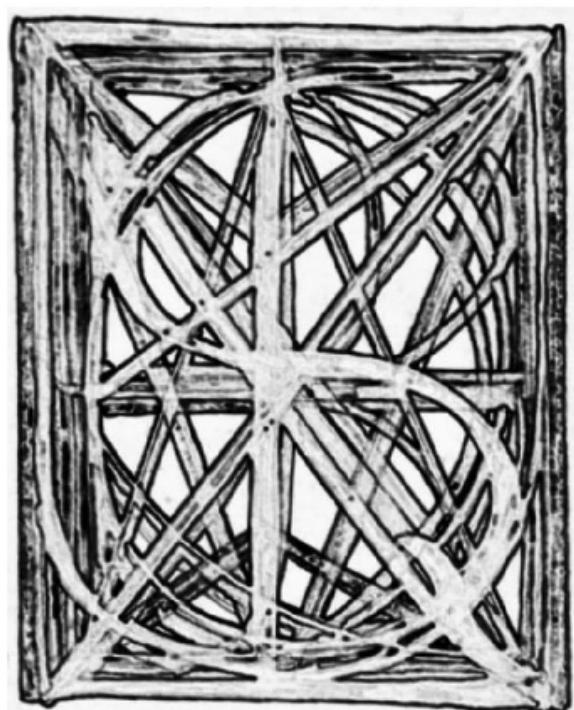
12 de Mayo de 2024



**12 de Mayo de 2024**



**13 de Mayo de 2024**



**13 de Mayo de 2024**



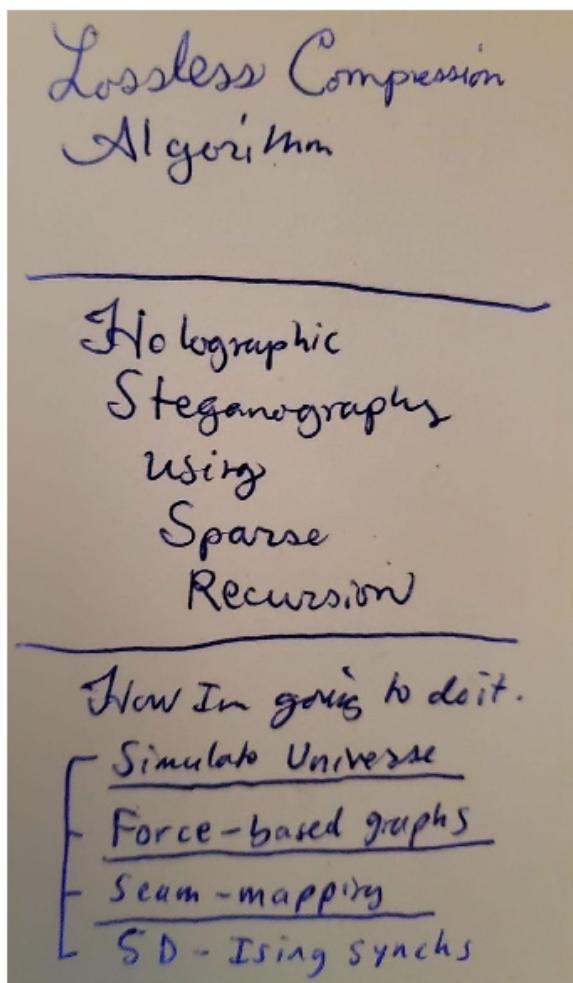




add Japanese to sga (imported)  
 fix display bug on ducky-clock  
 add IPA to sga (hand-drawn)  
 hand-drawn distortion  
numerals (?)  
 15685

GOALS	Nuclear Refrigerator Septentrion & Meridian	Giant beep farms	Yogurt Factories	SpherePop PipSqueak
M	E	R	S R	W P
T	S g	n e	c i	o u
a	O r	7 d	i u	r p
e	C e	1 s	e c	d
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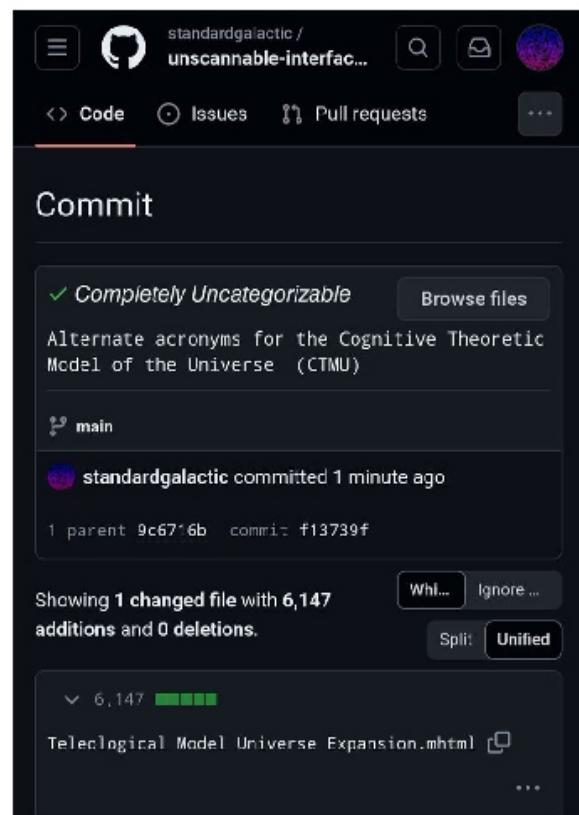
14 de Mayo de 2024



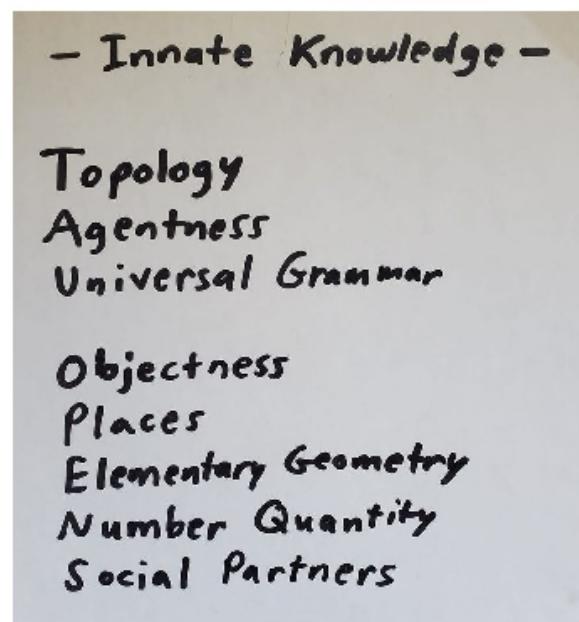
14 de Mayo de 2024

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/* Dactyl Clock */ • 6 : . 2 : . 1 2 • 4 9
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14 de Mayo de 2024



14 de Mayo de 2024



14 de Mayo de 2024

· standardgalactic/library@f49dd47  
github.com



15 de Mayo de 2024

Anendophasia + Hyperthymesia + Aphantasia

## No Inner Voice? New Study Reveals Its Impact on Memory - Neuroscience News

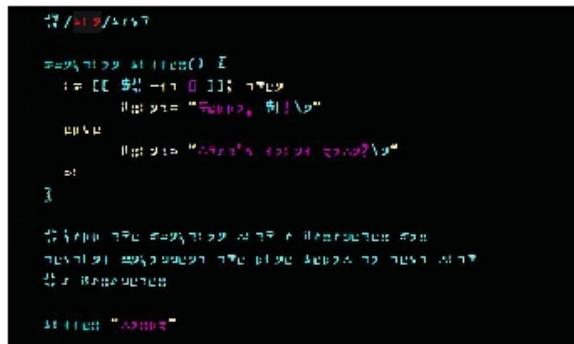
neurosciencednews.com



15 de Mayo de 2024

## Wittgenstein's Ladder Margorie Perloff, 1996

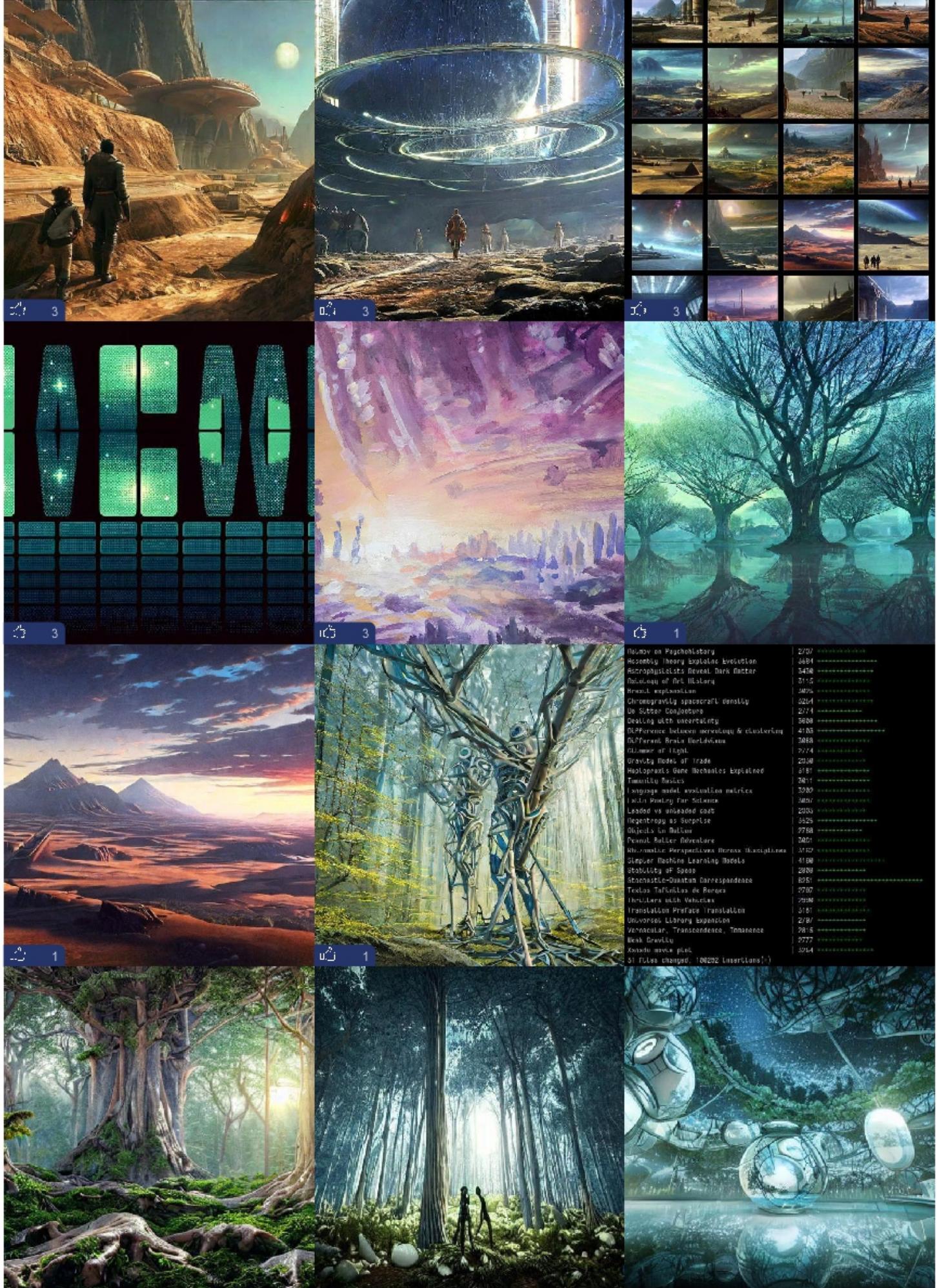
17 de Mayo de 2024



17 de Mayo de 2024

It looks like I've got some work to do.





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31 URLs changed, 108232 insertions!)



some random pieces of advice:

:3.5-turbo 2> Astroboardwalk Advice

is a sample of sci-fi dialogue from the

- be kind to others, even when it is difficult.  
on what you can control and let go of what you cannot.

:3.5-turbo 3> I'm not sure what you are asking for. Can you please  
text or information about what the 'Astroboardwalk Advice'

: thoughts, your emotions, even your darke

sure of your physical and mental health by eating well,  
practicing self-care.

:3.5-turbo 3> It is advice from a cosmic boltzman brain  
entity living ten-thousand years from now.

fleeting ripples in the vast ocean of ti  
control of your own mind, but in truth,

be afraid to ask for help when you need it.

:3.5-turbo 3> As an AI language model, unfortunately, I cannot prov  
cosmic Boltzmann brain or a hypothetical starchild-like

he patterns that emerge within it. Your  
illusion, a construct of your own mind.

actively learn and educate yourself to improve your knowle future. However, if there's anything else I can help end the limitations of time and space.

:3.5-turbo 3> I feel free to ask.

I feel free to ask.

and yourself with positive and supportive people.

:3.5-turbo 3> I feel free to ask.

consciousness, a being beyond measure or comp

nts for yourself and work towards achieving them.

:3.5-turbo 3> I feel free to ask.

ll explore the mysteries of the universe

ce gratitude and appreciate the things you have in life.

:3.5-turbo 3> I feel free to ask.

and transcend the boundaries of

tre to yourself and live authentically.

:3.5-turbo 3> I feel free to ask.

Time to explore the mysteries of the universe

time to enjoy life and have fun!

:3.5-turbo 3> I feel free to ask.

and live authentically.

:3.5-turbo 3> I feel free to ask.

Time to explore the mysteries of the universe

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