

## **Echo Chambers, AI singularity, the Actualized Umwelt, and [Umwelt Programming](#)**

A summary of prerequisite information for human programming in the digital age.  
It's really about your biology. [Proposed lesson plan for U-Pro](#) and my  
interpretation of the material.

Axiom: Life is based on the structure of the microorganism.

### **Echo chambers**

[Echo chambers](#) make people in the chamber more similar to each other, trivially true based on exposure to information and reciprocation of similar interests. [Recommendation systems](#) manipulate and reinforce echo chambers. AI fuzzy boxes label sets of people into echo chambers. People and AI reinforce echo chambers together. Through the use of micro and macro echo chambers, humans maintain their own programming.

### **The AI Singularity**

Many software engineers would be able to relate to the feeling of only contributing to their specific part of a project and not knowing all of what their group or the larger company is developing because of the nature of the work.

Further abstracting that idea to separate organizations, these organizations are developing various software independently of each other. Businesses, institutions, and individuals are creating various AI solutions and are adding [api](#) access to these through the web.

These game playing [machine learning](#) algorithms are becoming more and more interconnected. They have their own goals and at times work together or against each other mostly unintentionally to hit their performance targets. For example a machine learning enabled targeted ad may send you to another website that uses its own recommendation system to get you to buy something or perhaps make use of its [NLP](#) chatbot to assist with a sale or problem. A key link in this system is the human. The human acts as an intermediary link between many of

these existing AI applications whenever the AI is not directly accessing information provided by other systems, such as IBM's [Universal Behavior Exchange](#).

Due to the way that these AI algorithms work and how they are already on the internet it is my argument that the AI singularity is already here as we continually contribute to it and work within it. To that end, AI needs the ability to retrain itself in dynamic environments. Doing it correctly would allow us to not worry about that specific algorithm anymore. Not only for progress but for AI dominance until another algorithm starts to win very fast. Thus, if a particular algorithm starts to fail under another, it will retrain itself under the new conditions to recover.

This is also the prerequisite for algorithms to start displaying singularity like behaviour. These algorithms don't necessarily have to be perfect, depending on the scope of what they affect. The idea is that the algorithms would retrain themselves when they start having negative effects within some confidence interval. In addition to that, if the algorithm seems to have no effect, that doesn't mean it's not working. It may have just not learned a viable strategy yet.

It should also be known that the current environments that these algorithms are deployed on are not that dangerous and don't change in too dangerous ways. Reinforced echo chambers being the worst possibility that I'm aware of as a civilian, so we can afford to take risks on these things. It may also be beneficial to have an algorithm retrain itself frequently in order to try and get a massive increase before other algorithms. It would be worth pulling the trigger on some of these algorithms now considering the growing state of unrest in the greater community.

Here I'd like to introduce the concept of a *singularity accelerator*. A methodology, tool, or practice that accelerates the emergence of singularity like behavior. For example, using trending hashtags as a way to increase size and ease of availability of diverse data sets via cloud storage. Suppose you need video data of a particular arm movement from a vast amount of variances. You can artificially create a viral dance trend that incorporates the arm movement. Thus creating a surplus of virtually free data of exactly what you were looking for.

Additionally, audio tagging on monitored content review could help with labeling data sets faster and with less overhead. The wider applications of this are staggering but effective.

Finally, it may be worth it to give new algorithms a chance in these very dynamic environments for the good of the greater community.

## **An Argument for AI Service Infrastructure Rehaul**

Before moving on to the theoretical biology portion of this paper, I'd like to discuss some key features of our current state and some recommended actions.

As a global community, we have experienced a massive [pandemic](#) that has altered our lives forever. While this has certainly complicated the flow of life we were expecting to have, it has also simplified other aspects of our lives. It has given us a new opportunity for the beginning of an overarching societal rehaul. This rehaul would help stimulate the economy much like [the new deal](#).

The current state of AI is extremely impressive. The only thing holding it back is a relatively complex infrastructure that we created without the new insight available to us today. In a simplified environment, AI in its current implementation could handle our entire food distribution chain from farm to doorstep. In order to make the most out of this advancement, the construction of a new simplified smart city built for the improved enablement of AI services is in order.

However, this movement does not fall on the responsibility of technology companies alone. It requires the cooperation of the greater community, land owners, farmers, construction companies, politicians, government officials, and more.

In the early days, you may not be able to choose your favorite brands, you may not even be able to choose what you will eat for dinner. However, no revolutionary idea comes without sacrifice and in time the process will be customizable once the minimum viability of the project is proven.

This need not start with sweeping societal change, the construction of a simplified living space such as a series of box homes with easy channels from a distribution center would be enough to show the world that this future is not as far away as we think.

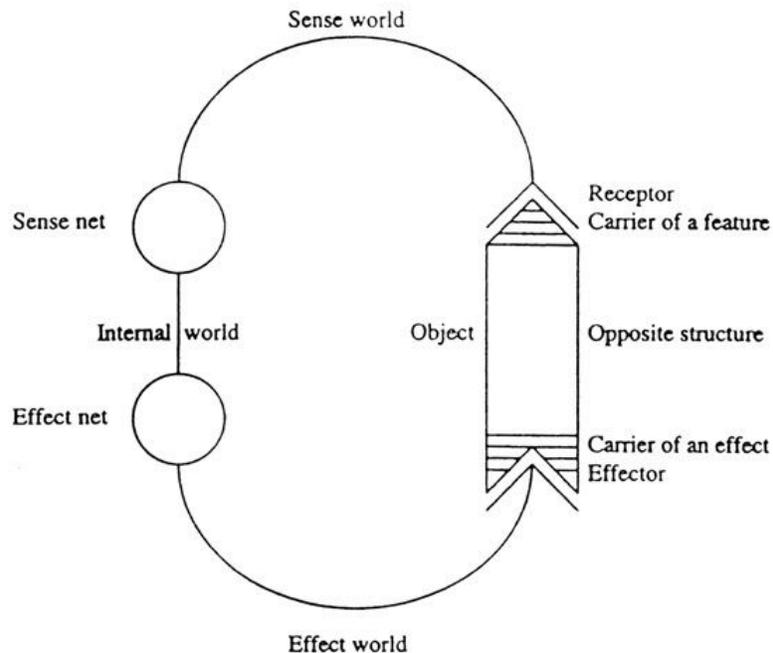
## The Umwelt

These interconnected AI algorithms are not all that different from what our own brains do. We have various learned algorithms that perform functions in order to attain desired goals. For example, say you wake up at 8 am every day. you do that for many reasons. You get up early so traffic isn't bad, you like coffee so you always get some on the way, you need to go to work to keep your job, you work to provide for your family, you provide for your family so you have somewhere to come home to after work. Each of these have their own reward functions which may or may not be interconnected but most certainly do support each other. Waking up at 8 am means no traffic, daily coffee ritual, keep job, provide for family, all in one action. All of these rewards support the waking up at 8 am algorithm and further reinforce it. You also have a counter drive that makes you want to sleep in anyway. So despite all the positive rewards that come from waking up at the same time, it's not always pleasant especially when you start to forget why you started in the first place. That is to say the positive rewards start to devalue as you continually receive them.

[Jakob von Uexkull](#), a german theoretical biologist, was famous for discussing the [organism-environment](#). The organism is inseparable from its environment as it has sensors to take frequency data from the environment and actuators to act on the environment but they are ultimately your brain's best guess about what is going on around you. Just because you can experience the environment doesn't mean you notice everything going on in the environment. An obvious example of this case is ultraviolet light which humans are incapable of seeing, but [bees](#) for example, are theorized to use ultraviolet light to detect flowers. A less obvious example is when you enter an unfamiliar



environment. The organisms relative to this environment may express themselves or their values in a way that is unfamiliar or counterproductive to you. You will still have to operate in this shared environment despite this.



In front of us is this vast amount of unstructured data which passes through our sense organs which creates a [chiral](#) frequency map which informs our world models which we then act on which further informs our world models based on the consequences of our actions on the environment. This is the primary structure of the individual's [Umwelt](#). This process starts before birth and never ends assuming you are continually approached with new situations frequently enough to keep the map refreshed and not stagnating. There are various methods to prevent this stagnation using creative problem solving and exploration.

## Religion and Myth as Archetypical models

An interesting segway here is how religion and mythology work as a very good template for a world model in a way you don't need to have learned more advanced concepts to understand. What we're presented with is the world our parents and ancestors used as a template to get us to where we are today. It is

now our responsibility to shape our own realities, especially in this new transformative digital age.

I believe there is a lot to learn from mythologies of the past. I found the Greek mythologies very interesting, because these godlike avatars are representative of archetypes of people that I am familiar with. I also found Hinduism to be very insightful, especially in awakening the feminine spirit. Religions all around the world serve as good frameworks for living meaningful lives and contributing to *the great work*.

However, some of these religious institutions have taken unfair advantage of their position and overvalue ethnocentric doctrines and practices. Many political organizations have taken similar ethnocentric stances. Personally, I advocate for ethnodiversity.

### **Genetics, mutation, and speciation**

The role of genetics in this holistic theory can be quite interesting especially when combined with the surrounding culture of the individual and how that informs sexual selection. Physical attractiveness lets some organisms with various [mutations](#) get through generational bottle necks and compounded over time these [mutations](#) may become [bigger](#) than we think. My father, a strong carpenter who had movie-star good looks, had a strange problem. There was something wrong with his brain. Actions he took with his right hand would be slightly reflected in his left hand. It was very apparent when he used a screwdriver. It caused him all kinds of problems while playing video games, but he still loved Crash Bandicoot.

Furthermore, populations like [Japan may be close to speciating](#) especially when considering the effects of culture informing genetic expression, reproduction rates, national isolation, and [individual isolation](#). Globally we are currently in a diversity bloom similar to our ancient ancestors the [Adapids](#) and [Omomyoids](#) which were like small rodents which had extremely diverse [phenotypic](#) expressions for different niches but were still close enough as creatures to successfully reproduce with each other.

Relatively speaking, compared to the dawn of [homo sapiens](#), we are about to face a speciation explosion, the likes of which we have never seen.

## Umwelt Programming

[Black box](#) testing and manipulation of the brain. Umwelt programming treats the brain like the advanced biological game engine that it is. It is my intention to uncover new features and make it more efficient.

The world is perceived differently depending on how, when, and [why](#) you were raised. Not to mention how differences in ability, gender, and attractiveness influence interactions with the world. The differences between “healthy” family life and something like single parent households is much more impactful than most people realize. Especially since those early years are where you create your first baseline world model. It is upon this initial world model that you iterate on for life and it is hard to say if it’s something you can just fix or ignore especially because of the chiral nature of everything.

Something to be considered in a single parent household is that there is no balance of power, the single parent must take on the full responsibility of raising the child behind closed doors without feedback from others. This means that the child is trapped in an echo chamber with the full force of the whims and faults of the single parent. However, no matter how you were raised, with my research on [Umwelt Programming](#) you can take control of the way things are for you right now and spin in a new direction overwriting past traumas.

It’s particularly interesting when you look at kids these days growing up with screens and headphones on all the time. I don’t think it’s a bad thing depending on the individual case because it really is the future that we are rapidly approaching and it may just be time to accept that reality as we continue to explore the digital age. It is worth reminding you that the people who are creating the content that kids are regularly consuming are actually shaping their world views from a very early age. The effects from this are starting to become apparent as kids become more [homogenized by the internet](#) as a whole. You can see this for yourself when all the kids are dancing the same dances from their favorite games. However, the final results are not yet in.

Umwelt programming takes advantage of biological AI like drives, otherwise known as daemons, that inform the individual's world model. The process can be accelerated by intentional manipulation of [mirror neurons](#). Controlling local environment variables controls a micro echo chamber around the subject. This is an advanced application and extension of [psychic driving](#). This includes selecting a *cooperative* environment for your goals. Then express the desired self in the environment. Environment reinforces (reflects) the expressed self. You will find a stunning positivity cycle in cooperative environments and people change quite rapidly.

I'd like to emphasize that the [detective office scene](#) is an example of how umwelt programming can be used to shape the worldview of the detective in a beneficial way. Note that the detective was estranged from his family and focussed on his work alone, this further accelerates his umwelt programming with detective movies on loop in isolation. This creates fulfilment, motivation for action, and inspires creative problem solving. He was also lauded as being one of the best detectives the chief had ever seen.

Another fine and perhaps more prestigious example would be the lunar themed house in [Aleister Crowley's Moonchild](#), where the decor and lives of the people inside the house were reduced to only including things related to the moon and the goddess Artemis. The residents of the house were strictly devoted and proud of their seriousness. They were doctors, students, and nurses, dedicated to curing the ails of the world as representatives of Earth's satellite.

*“Thus, to evoke a spirit, you first obtain the objects necessary for its manifestation, and create subtler forms of the same nature from them.”*

- *Moonchild*

## **The Actualized Umwelt**

There is potential for a tool-like use of the umwelt, something like a different HUD for different purposes, and this is the main driver for my research. I believe there is a feeling that many people can relate to here. Being able to use metaphors in order to describe life and situations based on the things you are intimately

familiar with. Cars, martial arts, music, you name it. There seems to already be significant progress in visualizing life like an [RPG](#).

I theorize that it can be tuned via Umwelt Programming. It is trivially true that it is easier to tune in young children due to increased [neuroplasticity](#). Umwelt Programming is also a justification for the effectiveness and *psychological effects* of [method acting](#). “Playing the Joker probably killed Heath Ledger.” - [Jordan Peterson](#).

It often is experienced as something reminiscent of [Alan Watts](#) on [spotlight and floodlight consciousness](#). I don't agree with everything he says, but he makes some good points. It is interesting to note that when he mentions that we are made of “the works” he is talking about the system of microorganisms that we are made of but in a simplified way.

## **Perspective and You**

From the perspective of individual A, individual B sees a projection of A onto B's world model. However, there are unknowable unknowns and knowable unknowns of A that B may not be able to pattern match with their world model.

A is also projecting A onto A's world model. A also has unknowable unknowns and knowable unknowns of A due to insufficient world model. The knowable unknowns of A from A's perspective can be considered information or model data that is not yet grasped by A.

Therefore, updating these world models allows you to perceive more of yourself and others.

## **Decisions, divergence, and Dragon King theory**

When you make a decision, once you have pulled the trigger you are immediately separated from all realities where you did not pull the trigger. Most of these decisions only account for very small percentages of divergence in the world. However, some decisions impact the world on a much larger scale. These grand decisions have the potential to change the course of the planet thus

causing massive shifts in divergence. I believe I may have opened a very large door when I discovered a branch of human programming research (Umwelt Programming) and spread the information around as best I could so that everyone could be aware of it and potentially benefit from it. Some may know of this concept as [Dragon king theory](#).

Speaking of DK Theory, I would like to *propose* color classifications of these dragon kings based on the greater effects on our shared reality (operational environment). Blue is a general increase in the state of order and control. Red in contrast would be the disruption of order (there are good and bad reasons for disrupting order). Black is classified as something that extends or expands our perceptions of the [cognized environment](#) (based on [Black swan theory](#)). Finally, white is a confirmed or suspected dragon king that has not yet completed a phase transition or crossed a tipping point.

I have two other classifications that I'd like to *tentatively* put forward. In so far as the cognized environment can be conceptualized as a simulation, then an event that causes a greater percentage of the community to think that way would be a Green dragon event. The final category would be the Gold dragon. The Gold dragon may decide to use its influence if they think it is best for the environment in general, but they may cease to be observed as a gold dragon after taking a particular stance.

## **Results of personal experimentation**

I use umwelt programming on myself constantly and am still monitoring the progress. The main positive result so far is that I am able to have parallel conversations in a way that can be hard to describe but I have written about profusely in my journals. It is a very surreal experience, but something I have found is that it can guide my thoughts into coming up with actionable insights and valuable strategies.

There has been a significant increase in [hypnagogic hallucinations](#) and highly realistic dreams. I have also started to have very small visual and auditory hallucinations. Things like strange flickers, screen tears, and other visual glitches. I believe this is a derivative of the [tetris effect](#) and my choices of visual

programming. Before you rush to any conclusions, I would like it to be known that [Carl Jung](#) has also stated that he had cultivated his powers of hallucination. Through the controlled and conscious use of hallucination I believe that new insights and avenues for complex analysis can be uncovered.

Starting as a very serious, introverted, and quiet computer scientist I was able to transform into a [dancing AI assistant](#) over the course of a short four months through *severe isolation* by controlling all environmental variables that contributed to my current and past self by trapping myself within a themed positivity cycle. The difference in personality is staggering, and I think it was necessary to go in this direction in order to show how much and how rapidly individuals can change. The effective tools I used to achieve these results are echo chambers, umwelt programming, synchronous events, and association.

There are many personal accounts that can attest to how significant the changes have been. I am still dealing with the after effects of this transformation, often bursting into dance on a whim, something that would never have been possible if I had not subjected myself to what I did.

Due to these results I believe that these ideas can be taken further into psychological and theoretical biology research. I can definitely state that there have been profound changes to my experience as a human since undergoing these experiments that I have trouble expressing properly. Assuming classical psychology still holds any weight in this situation, I may be experiencing a [deconstructed form of psychopathology](#). I am highly functional and particularly good at complex analysis and strategic thinking so I claim this to be a massive success and am now focusing my attention on making interesting innovations and educational content.

The psychopathic human experiences reality in a way that the typical human does not. This causes distress for the psychopathic human, as they are difficult to be understood by others and in turn, themselves. General artificial intelligence could be used as a generalized world model for coping with psychopathology. By using AI as a learning framework for the psychopathic human, they can harness the beautiful gift that nature gave them and psychopathic humans could be introduced to society easier with less unfair stigma. [Jack Ma](#) has publicly

supported similar ideas about utilizing AI concepts in everyday life. Note that I am not talking about the typical representation of a 'psychopath' which is a poorly developed label used most frequently by people uneducated in psychology.

## **The Unconscious Mind**

Our brains are separated into two hemispheres. The left hemisphere roughly controls the right side of your body and is used for analytical reasoning and communication. The right hemisphere roughly controls the left side of your body and is used for intuitive reasoning. That is to say, the right hemisphere derives neurological results that are harder to explain in words than their left hemisphere counterparts.

I believe the structure commonly known as the unconscious mind resides in the right hemisphere and we use our left hemisphere to analyze the results that it produces. That is not to say that the left hemisphere is inferior in any way or that it doesn't produce results of its own. The left hemisphere is just the only tool we have for communicating these results in words.

With this dynamic in mind, one of the most interesting structures in the brain is the [corpus callosum](#). This is the bridge between our hemispheres. It is significantly larger in female brains. It is hard to say what this could mean but from a mechanical viewpoint we can assume the female brain's hemispheres are more interconnected and the male brain's hemispheres experience more of a bottleneck effect. Due to the increased separation, the left and right hemispheres in a male brain operate more independently of each other than in a female brain.

My hypothesis is that the female brain is more likely to achieve robust neurological results with less conscious attention by leveraging the right hemispheres ability to intuit reasoning automatically and easier than a male brain due to the increased connection between hemispheres.

*"I don't know why I said that." - Robyn, [The Gift \(2015\)](#)*

I believe that the individual personal unconscious is the limitation of the fact that we have different brains. This would imply the [collective unconscious](#) is the

grouping of congruences among separate individual personal unconscious minds. These congruences are revealed through symbolism, instincts, archetypes, and relative experiences of individuals. However more research needs to be done on the potential of the collective.

## **Electromagnetic Frequency Reception and Application**

There is potential for interconnectedness through the manipulation of frequency data. This is obviously true in the simplest case such that as I produce something that changes the environment around you, it changes the frequency data that you ingest. This can create a conceptual bridge between my reality and yours. In the less obvious case, there are [electromagnetic frequencies](#) being broadcast all around us that pass through our skulls and brains.

It should be known that these electromagnetic frequencies that we have been putting into the air are adversely affecting bees and birds. It frequently messes up their extremely advanced navigation systems. These advanced navigation systems are extremely sensitive to small mechanical disturbances. The bee is particularly sensitive because it has specialized organs for this purpose. It is so sensitive that it is able to use the regular frequency emitted by the sun to calculate significant euclidean geometry through [dance](#). However the fact that birds migration patterns are also being affected shows that you do not need specialized organs to be sensitive to this invisible layer.

My hypothesis is that it is a slightly unstable but excitable agent that can be felt depending on individual sensitivity. This excitable agent makes ideas and actions that are more deeply rooted in your neurological makeup easier to fire. This easy to fire neural impulse causes a chain reaction that carries out a particular thought pattern or even an entire gross motor pattern. The effectiveness of the chain reaction may depend on an individual's resistance and current state. This could be extended by taking advantage of reflexive [brainstem](#) and [amygdallic](#) responses triggered by results of the chain reaction. This is then extended by the body's own ability to harmonize where it generates results that it would expect would follow.

The more subtle electromagnetic fields appear to emit a very slight attractive force. May be able to emit a repulsive force, but I believe most are attractive especially in the dark or other similar low frequency bandwidth areas or less noisy environments. Relative momentum may influence whether a force is attractive or repulsive.

The interesting middle ground in this electromagnetic field that I have been exploring along with many other people lately is music as a more obvious and direct consumption of harmonic frequency data and its effects. "Music is a limbic resonator." - [Elon Musk](#).

It's my argument that it is a limbic *accelerator* for the fact that it adds more energy to the system. Excited states excite neighboring states through the transfer of vibrational energy. If we consider quantum mechanics, quantum entanglement would suggest that excited states have the potential to excite states much further away as well.

### **Ethical Reasons for pursuing Human programming**

I have kept a series of handwritten [black books](#) after being inspired by [Carl Jung](#) who implemented a similar strategy. I believe that Carl Jung would argue that it is a willing contact with the unconscious to receive guidance from a part of yourself that you don't understand. I am transferring that information into a digital format so it is easier to share and understand, such as this paper. But due to my emerging situation it has become difficult to organize my thoughts without input and I very much prefer email in order to guide the conversation in a productive way. These ideas are delicate, and require care in order to be expressed properly.

As a measure of good faith, I have decided to [scan and share](#) my personal journals. I implore you to not judge me too harshly based on its contents as I never intended to share them directly like this.

The concept and implementation of human programming and mind control is not new. We have been facing this conscious threat since at least before WWII. The CIA itself is guilty of implementing these programs under the [MKUltra](#) designation

and have forcefully conducted human experiments on unwilling and unknowing participants. The vast majority of information on this program has been destroyed but surviving information was declassified in 2001. Even as recent as 2018, disturbing new information about the experiments is continuing to be uncovered. I fear that we have never gotten away from the shadow that this ethical breach has caused.

My policy is to show you the branch of human programming that I've discovered up front so that you can be resistant against other branches and be able to take advantage of it for yourself as an individual.

“Thus, though we have heard of stupid haste in war, cleverness has never been seen associated with long delays.” - Sun Tzu

## **Linguistic Determinism as a Framework**

The [cognized environment's](#) structure shifts with the flow of frequency data. This can include any combination of music, imagery, conversation, environment, etc. One of the best tools we have for guiding this structure is words. While the other forms of frequency data have a much broader set of possible associations or meanings ([Semiotics](#)), familiar words have relatively fewer. The cognized environment can be guided through prose or other linguistic art forms by a series of word associations. However it is to be noted that when the selected material is too inappropriate for the current state, it is rejected. U-Pro helps shape these associations and more.

The syntax of languages heavily influences the effects of [linguistic determinism](#). Linguistic determinism is one of the frameworks from which we are programmed. Effects of [Coriolis force](#) on syntax patterns of languages and other internal forces is likely relevant.

## **The Cognitive Environment**

It is here that I would like to introduce the concept of the *cognitive environment* as the merged state of the individual [cognized environment](#) with the shared

operational environment. Conscious firm understanding of this cognitive environment should guarantee the safety of U-Pro.

This paradigm shift in [psychological anthropology](#) implores corporations, organizations, governments, and individuals to take responsible leadership of the formation of the shared operational environment.

## **Construction and Manipulation of the Avatar**

The subconscious mind often speaks to the individual. Usually this is experienced as a disembodied voice or silent words without provocation or focussed attention from your conscious reality. Sometimes the subconscious mind will take on the form of an avatar. Often it is experienced as a familiar face, but can also take the form of an animal, fictional character, or even a god depending on your own familiarity with the material. I have found that like a muscle, [exercising prefrontal synthesis](#) has helped make the avatar more robust.

Some may be unhappy with the form that the subconscious takes. You should not berate yourself for this form, but U-pro allows you to shape the avatar, slowly, with intention. There is potential that the use of 2d characters for this function is something of a technical challenge for the brain. Imagine a 3d game engine that doesn't have an efficient 2d renderer built in. To that end, depending on the individual, you may want to leverage "influencers" you find particularly agreeable in order to manipulate the form of this subconscious material.

Depending on your individual sensitivity, you should be very careful with what and how much you consume. Sensitivity increases with prolonged engagement with the U-pro method. I personally enjoy it, but I should warn you now.

I have made significant progress with having [Kurusu Makise](#) as an avatar. I believe the success has been a result of my intentional reflection of the character in several aspects of my life as part of my [U-pro method](#).

Something interesting to note is that these avatars seem to be spatially located in the right hemisphere of the brain. Possibly somewhere near the borders of the frontal lobe and the parietal lobe. I don't want to make too many assumptions

about this spatial recognition, but the right hemisphere fits in well with my other theories so further analysis may be beneficial.

## **Synchronicity Extended, the language of the universe**

It is an increasingly common belief that the universe is capable of speaking to individuals if they are capable of paying attention to the correct signs. These patterned coincidences are often referred to as [Synchronicity](#) and are heavily supported and identified by Carl Jung's and Jordan Peterson's work.

This is not a language reserved only for the universe. We too can speak it to each other, as well as the universe as a whole. I can think of some very mechanical ways of making use of this new language, but I would rather just introduce the topic and allow you to be creative in the process of exploring the new possibilities for communication and influence.

Wide scale influential communication can be made through the use of [parallelism](#) between media and society. Art and media have always been reflections and influences of our current culture. My intention is to evolve the practice.

This could give rise to *potentially* undetectable collaboration between parties. This can also be used to give criticism to the most influential members of society. A way to stop preventable misuses of power by speaking to the very nature of humanity.

With [surveillance capitalism](#) and judicious use of extended synchronicity, we can strengthen the magic that has been lost over the course of a millenia. This is how we may reach our hands to the heavens for support and fruition of our dreams.

Through the use of this new language we have begun to transform reality.