

Is chance or choice the essence of Nature?

by Thomas J. Chalko, PhD *

Abstract

At the beginning of the twenty first century the prevailing and vigorously defended view is that the Universe happened by chance. All fundamental sub-atomic processes are thought to be “random” and the only way to quantify them seems to be the “uncertainty” principle. Clearly, our conclusions about the Reality of the Universe are determined and limited by our imagination. Can we imagine alternatives? What if nothing in the Universe is by chance? Could it be by CHOICE?

Introduction

Very few scientific principles had greater impact on humanity than Heisenberg's uncertainty principle¹, even though the essence of the principle itself has always been highly controversial.

The origin of the uncertainty principle is very simple: we cannot imagine and conduct sufficiently accurate and non-invasive experiments that would expose the reason for the non-deterministic behaviour of sub-atomic particles such as electrons. Heisenberg argued, that since the experimental study with any material apparatus has proven impossible, we do not need to create any theory, simply because we would never be able to verify it experimentally.

Instead, for practical reasons, he proposed to *accept* certain aspects of the sub-atomic reality as unknown and unexplorable. His uncertainty principle intelligently defined bounds of uncertainty and enabled us to use statistics as a way to quantify the sub-atomic processes. Heisenberg's approach turned out to be very practical and enabled the unprecedented development of material technology to take place. This in turn reinforced the belief in the correctness of the uncertainty principle. As a result, the uncertainty principle itself seems to enjoy the status of the Law of Nature and is no longer questioned.

The most famous challenger of the uncertainty principle was Albert Einstein, who kept expressing his disapproval for uncertainty as the basis of the Universe by saying that "God doesn't play dice". Although his view was that we should seek a sensible explanation for the observable non-deterministic behaviour of the sub-atomic world - he couldn't imagine any better alternative than the practical statistical approach of Heisenberg.

This article considers the possibility that was either overlooked or not sufficiently explored: that the non-deterministic behaviour of sub-atomic particles is a result of an intelligently encoded information transfer.

Results of electro-photon experiments presented in this article suggest that the analysis of this concept may have an even greater impact on humanity than the uncertainty principle had. It is demonstrated that quantum encoded information transfer in Nature is not only feasible and highly probable, but it is an essential feature of material reality that enables us to determine and verify the Purpose of existence of the entire Universe.

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Spread spectrum information transfer

Is it possible to transmit information using electromagnetic (EM) waves so that the transmission cannot be disrupted even by severe electromagnetic disturbances? Is it possible to make such a transmission “jam proof” so no one can sabotage it? Can such a transmission be encoded so that it is totally private and cannot be intercepted? Can the amount of information transmitted in a given bandwidth be maximised?

After World War II, the militaries in a number of countries directed a considerable research effort to find answers to the above questions. The result of their investigation is the technology known today as the “spread spectrum” transmission.

In the “spread spectrum” transmission the information is digitally encoded and “spread” along the considerable range of EM frequencies (spectrum). Only a receiver that is specially designed and programmed with the unique transmission code can receive the information. To all other receivers the transmission appears as “noise”.

After many years of military use, the “spread spectrum” transmission has been widely commercialised in the Digital Mobile Phone network. Since the “spread spectrum” transmission is virtually “jam proof”, millions of people can talk simultaneously using the same frequency range, without ever disturbing one another. The clever digital encoding of information and “spreading” it in the spectrum virtually guarantees the privacy of their conversations. The density of information in any given bandwidth is maximised.

College experiment

On the outskirts of a large metropolis, a group of highly intelligent college students was given a project: to investigate the “strange” behaviour of electromagnetic (EM) waves in the frequency range around 1.9 GHz, without being told that this frequency range is used for the digital mobile phone network.

To quantify their observations students have chosen two parameters: the frequency and the intensity of EM oscillations. Using receivers, scanners and spectrum analysers they soon concluded that the EM waves in the above frequency range behaved in an unpredictable random way.

They found that at any particular frequency the intensity of EM oscillations was highly uncertain. They also noticed, that there was a high degree of certainty that at “some” frequency a particular intensity level actually occurred at any given time. The problem was that it was impossible to predict at “which” frequency it happened at any given moment. They also encountered serious problems with the accuracy of their measurements. For example they noticed that their frequency estimates appeared “blurred” because the EM waves appeared in “lumps” or “bursts” that were very brief.

Inspired by “quantum mechanics”, highly promoted in the 20-th century, students decided to adopt a similar approach. They defined their own “uncertainty principle”, established bounds for their “uncertainty” and adopted a clever statistical approach, focusing on predicting the “probability” of observable events.

After a few months of work, the students had become very proud of their “theory”, because it could actually *predict probabilities* of many events in their frequency band. They had become quite convinced that their theory actually “described the Reality”. Statistically speaking - it DID...

Did you notice, however, that by adopting a statistical approach our students have completely MISSED millions of very real intelligent conversations? Isn't it obvious that their conclusion has been determined and limited by their imagination?

Our students just couldn't imagine that what *appeared* to them as "random" was actually the consequence of a very intelligently encoded information transfer. As a result - they didn't even try to decode anything.

Let's analyse in more detail why and how our students developed their belief in a "random process". The primary reason for their belief was that they couldn't make any deterministic predictions about the EM waves they observed.

Note that there was nothing "random" in the EM waves. In reality, millions of people were making billions of intelligent CHOICES in their individual conversations every hour. For the purpose of the information transfer, all these choices were being continuously encoded into EM waves several thousand times per second. Our students had failed to imagine and explore this possibility, so they concluded that they had observed a "random" process.

Don't you feel uneasy about the fact that the entire science on Earth in the 21-st century is built around the "uncertainty principle"? Aren't we missing something truly important about the Universe?

"Not appearances, but what is *behind* them is the most important".²

Is the Universe by Design?

Did the Universe happen by chance or is it the result of an intelligent Design? What is more probable?

Although the probability of the Universe appearing "by chance" is generally agreed to be infinitesimally small, the entire science on Earth seems to focus on this single possibility.

What could possibly be achieved by following this narrow path of thinking? Proof that the Universe exists because it CAN? Since the Universe already DOES exist - who needs proof that the Universe "can" exist?

My preference is to consider an alternative that seems almost an infinite number of times more probable: that the Universe has been intelligently designed and - as every intelligent design - it has a Purpose³.

In fact, to a sincere and intelligent observer - every atom in Nature around us seems a masterpiece of intelligent Design. Nature in its entirety can be considered as a manifestation of a truly Great Intellect, far greater in fact than most of us can imagine.

In contrast, no one on Earth seems to be intelligent enough to MAKE an atom, even the simplest one. So far we have only learnt how to smash atoms into pieces, and even then - we cannot explain all the details about the resulting debris. What would you say to a child who continues smashing toys in order to demonstrate that "toys make themselves"? The smashing continues...

Generations of highly intelligent people on Earth have been trying to figure out how atoms and sub-atomic "particles" such as electrons are made. Since no one could establish a deterministic model for electron oscillations, they were proclaimed "uncertain" and unexplorable. Consequently, mathematical models of the electron and other "particles" focus on estimating the probability of encountering certain states of their oscillation, according to the uncertainty principle of Heisenberg.

Is it possible that what we can only explain today as “uncertainty” in electron oscillations is actually the evidence of a *continuous information transfer* between electrons? Could the entire Universe be a gigantic facility to process *information*?

When observing intelligently functioning Nature around us it is very difficult not to admit that the Design of the Universe required a truly Great Intellect. We can also establish with a considerable certainty that the very essence of Intellect is the ability to create and process *information*.

Doesn't it become obvious that the information storage and exchange should be one of the most essential features, if not the very Purpose of the truly intelligent Design of the Universe?

Quantum computing?

How many electrons does it take to remember everything on your hard disk?

Theoretically speaking, ONLY ONE, providing that the information is cleverly phase-encoded in its fundamental modes of oscillation.

If you think that this is a joke, wishful thinking or some speculation, think again. Ahn, Weinacht and Bucksbaum from the University of Michigan were the first to demonstrate experimentally⁴, on a small scale, that information can indeed be phase-encoded in electrons using light (i.e. photons).

The theoretical storage capacity of a single electron, or even a single photon of light, has been agreed to be phenomenal⁵, even though the actual encoding and retrieving of the information using the technology available to us today remains a major challenge.

Is it a coincidence that the storage capacity of every electron and every photon in the Universe is so great? Is it a coincidence that this memory capacity arises ONLY when the information is intelligently encoded? To what degree is this phenomenal storage capacity utilised in Nature around us and *within* us?

Ahn, Weinacht and Bucksbaum research results⁴ indicate that the information storage at quantum level may be temporary. Hence, to maintain the “memory” - a continuous “copying” or “refreshing” of the information has to take place. Isn't it what is actually going on in every electron and every photon in the Universe? Isn't it why electrons seem to continuously emit, absorb and “exchange” photons?

Is the information exchange the *main* function of electric currents in the electro-photon field *within* and *around* our body? Is the coherence of this information transfer a feature that makes us and other creatures alive and well?

Penfield, the pioneer in brain surgery, after a lifetime of research insisted⁶ that the *origin* of human consciousness is definitely *not* anywhere in the brain. Have we just found where and how it is actually encoded?

Is our consciousness electro-photonic? Is our intellect encoded in electrons and photons at quantum level?

Experiments with stimulated electro-photonic emission

Biophysicist Konstantin Korotkov from St. Petersburg in Russia studied the information aspect of stimulated electro-photonic emissions around the human body and other objects for more than two decades⁷.

He found, that in order to be able to extract reliable and repeatable information from the recorded electro-photonic glow it was necessary to optimise the apparatus. In particular it was necessary to minimise the influence of the ambient temperature and humidity, use a semiconductor camera rather than a photographic process for recording images and optimise parameters of the process of stimulation of electro-photonic emissions. In 1996 Korotkov developed a range of instruments for stimulation, recording and processing of electro-photonic images and called his technique Gas Discharge Visualisation (GDV)⁷.

Korotkov confirmed that the intensity distribution of the stimulated electro-photonic glow around human fingertips contained astonishingly coherent and comprehensive information about the human state⁷ - both physiological and psychological.

Even though the pattern recognition methodology is still at an early stage of development, extensive clinical trials conducted across Russia demonstrated that the correlation between the GDV and conventional diagnostic techniques is as high as 98%. Following clinical trials and the recommendation of The Russian Academy of Science the GDV technique and equipment have been approved in 1999 by health authorities in Russia for general clinical use without limitations.

The GDV diagnostic system⁷ is based on stimulating and recording 40 ms of the electro-photonic glow around all ten fingertips, one at a time. Using clinically verified charts⁷ it is possible to determine, not only *what* happens in the human body, but also *where* it happens - by examining specific sectors of the electro-photonic glow⁷.

Although the GDV system of Korotkov is mainly used for spotting malfunctions of the physical body and comparing the effectiveness of various therapies⁷, the information that is encoded in the electro-photonic glow seems to originate directly from human consciousness. The following test⁸, conducted by the author in Melbourne, Australia, using the GDV system illustrates the reason for such a conclusion.

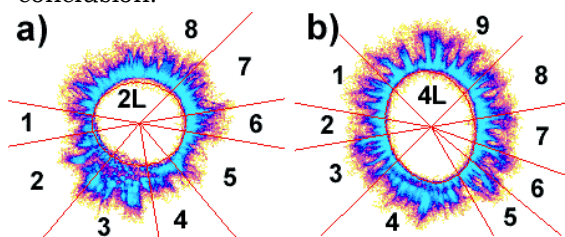


Fig 1. Colour coded intensity distribution of the stimulated electro-photonic glow around human fingertips recorded with the GDV instrument.

- a) spiral defect in sector 3 of the left index finger confirms the cancer of the bowel
- b) spiral defect in the glow intensity in sector 4 around the 4-th finger of the left hand of a person who is AFRAID of genital cancer

Fig. 1a demonstrates the case of a cancer patient. The spiral defect (gap), characteristic to cancer⁸, is present in sector 3 of the electro-photonic glow around the left index finger. This particular location corresponds to the bowel⁷. The patient died from cancer of the bowel several weeks after our test.

Fig. 1b shows the stimulated electro-photonic glow of a person who was *afraid* of cancer, but did not actually have it. The “cancer spiral defect” in the electro-

photonic intensity distribution corresponds to the exact location *imagined* by this person - the uro-genital area⁷. Several subsequent GDV recordings, after the person admitted and released the fear, showed no signs of cancer⁸. Detailed medical examinations undertaken over the next few days after the test confirmed the absence of cancer.

From the above example it becomes clear that the actual disease and the fear of disease may produce very similar patterns in the delicately stimulated electro-photonic glow. It seems that our thoughts and feelings are instantaneously reflected in the electro-photonic glow around us. Are they electro-photonic to begin with?

If human thoughts are indeed of electro-photonic nature, it should be possible, under certain conditions, to influence parameters of certain "external" electro-photonic processes directly with our mind alone. One of many⁷ fascinating GDV experiments of Korotkov that demonstrates such a process is the experiment with water⁷. A 1ml sample of de-ionized water in a test tube was suspended in the GDV instrument so that a consistent series of electro-photonic images could be recorded. Without external influence the intensity of the electro-photonic glow of the water sample was constant. Then the water was the subject of a very intensive conscious concentration exercise by a highly skilled person - Allan Chumak. In essence, Allan focused on imagining the water as an integral part of his Self. No physical contact between Allan and any part of the instrument occurred. After 10 minutes of conscious and coherent information transfer the electro-photonic glow became nearly 30 times more intense than the initial glow as shown in Fig 2.

Contemporary physics cannot explain the above change in water glow which, technically speaking, is a purely physical process involving an electrical discharge in the air around the sample and the associated electro-photonic emission. Korotkov suggests that the increase in the electro-photonic glow around a drop of water cannot be explained without considering the energy and the information transfer from our consciousness.

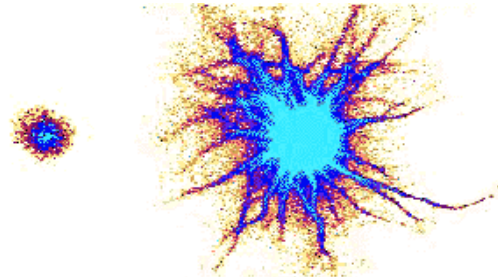


Fig 2. Intensity distribution of the stimulated electro-photonic glow around a sample of de-ionised water. Water in the initial state (left) and consciously modified water (right). Colours indicate zones of similar intensity. Images courtesy of Prof.K.Korotkov⁷.

Further tests demonstrated that the new "conscious" state of water is not only long lasting, but it is actually "contagious". A fresh water sample, in its own container, seems to "acquire" or "earn" the new state when left in the vicinity of a "consciously altered" sample for a few days. It seems that water "likes" the consciously coherent state.

It was also found, that many people were capable of modifying the electro-photonic properties of water by conscious concentration, although their efforts produced much less spectacular results than demonstrated in Fig 2.

Can our mind - when properly trained - change matter? What is the limit of such a modification? Are our thoughts and feelings of electro-photonic origin? What could possibly be a *reason* for our consciousness to be electro-photonic and so difficult to explore?

Before considering possible answers - let's try to imagine a bigger picture.

Can you imagine designing the Universe?

What follows is a major challenge for your imagination. Are you ready?

Imagine that there is no Universe and it is YOU who considers designing it. You are intelligent, but you have no "physical body". There are no atoms...

How could you have come to existence? How did you become intelligent? Somehow you must have developed an ability to create, store and process information in the tiny fluctuations and perturbations that occurred from time to time in the Nothingness. It took a long time, perhaps billions of trillions of our years, and many trials and errors before you could sustain certain forms of these perturbations and play with them.

In the process of play, you have gradually developed your intelligence, imagination, the ability to think and draw conclusions. There was nothing else to do. You have figured out that becoming more intelligent was far more pleasant than remaining stupid and primitive. Every time you chose not to think for too long - your intellect and imagination regressed and some of your "memory" got erased. Hence, you established a motive to evolve and continuously develop your intellect.

Eventually, after a long time of playing with information, thinking, imagining, trial and error - you have established yourself and become exceptionally intelligent. You have developed an ability to imagine and design anything, even things that had never existed. Using your exceptional intellect and imagination, that you have learned to encode in the tiny perturbations of the Nothingness, you could predict results of your actions and consequences of your designs.

What could be your REASONS for imagining and designing the material Universe? Expanding the range of conscious sensations? Having something interesting to do?

In the Beginning, it took a considerable intellectual effort just to maintain your intellect and memory. How about designing and creating something that would sustain itself, at least for some time?

You imagine an "electron". You imagine its natural oscillations to be so intense that their natural decay would take ten billion trillions years (10^{22} years). It appeals to you that during this time you will be able to use the @100 Gigabytes of storage capacity in each electron.

You realise that creating such "electrons" requires quite an intense perturbation of the Nothingness. It actually requires an immense explosion to take place. It requires a truly Big Bang. You have tried many small "bangs" in the past in an effort to sustain yourself, but their results were short lived. You consider designing an explosion far bigger than ever before.

You realise that a well designed explosion with precisely defined initial conditions offers some interesting possibilities. A great variety of relatively stable natural "forms" of oscillation can be generated, not only electrons. You realise that these "elementary" forms of oscillation, although well separated in the frequency domain, can be combined in "space" to create relatively stable "atoms" from which more complex structures can be made, including intelligent and autonomous Living Organisms.

A possibility of existence of intelligent and autonomously functioning Individual Intellects appeals to you a lot. You envisage that some of them may choose to develop their Intellect as much as you did. You like an idea of intelligent company.

You decide to create favourable conditions for their Intellects to develop. You plan to arrange for them to have access to some of the gigantic “electro-photonic” memory that you are just imagining. With enough facilities, autonomous Individual Intellects will have the potential to develop their Intellect far quicker than you did. Consequences of the Big Bang become quite appealing.

There is only one problem. The Big Bang can actually destroy your own Intellect, which is *your only asset*. After all, the Big Bang will be a gigantic perturbation, far greater than the delicate fluctuations that you currently use to maintain your memory and consciousness in the Nothingness. How can you protect your Intellect?

An obvious solution to protect your Intellect from the Big Bang is to make a large number of “backup copies”. The most elegant solution would be to encode your Intellect in the “initial conditions” of the Big Bang, so that every “electron”, every “photon” and every other “elementary natural oscillation” that would appear as a result of the Big Bang would contain a blueprint of yourself to begin with.

Although each electron can contain unique data, it seems logical to encode the most important, essential “code” of your Intellect in each and every electron as a common part. After all, you are planning to have plenty of “free memory” and maintain the option to consciously control every aspect of your Universe rather than allowing it to become “runaway machinery” out of control and without purpose. You want to be able to design Laws for the behaviour of your Universe and modify them locally or temporarily if necessary.

The other necessity that arises from the need to protect yourself seems to be encoding your intellect and memory so that they both become “jam proof”. Direct amplitude or frequency modulation encoding is clearly not suitable, because they are too easily disturbed. The discrete phase-encoding *spread* among many natural forms of oscillation over a wide frequency range (spectrum) seems a very attractive possibility, not only because it is robust to disturbances but also because it enables you to achieve a very high density of information storage.

Discrete encoding will also protect your intellect and memory from pollution and interference after the Big Bang. In particular, it will protect your consciousness from primitive and disruptive actions of other autonomous Individual Intellects. You prefer to be able to *choose* to communicate with them when they become sufficiently evolved to understand you and your Design.

You realise that the Universal discrete phase encoding will also allow every Individual Intellect in the Universe to have the total Freedom of Thought that you enjoy so much. Sharing your “electro-photonic memory” and “letting Life Live autonomously” becomes quite feasible... It could be fun...

Since you start from the beginning, you can design the Entire System to be as optimal as you can only imagine. Of course you have your preferences. There are certain thoughts, feelings and conscious sensations that you like. There are also other thoughts and feelings that you don't enjoy at all. Can you identify them?

You realise that the key criterion of a good Design should be it's ability to self-correct, so you won't need to disrupt yourself by having to fix mistakes. This is especially important, because you plan to allow other Individual Intellects to have complete autonomy. Of course you will try to inspire them to advance themselves, but what if they choose to mess up your Design and continue to broadcast clutter across the Universe?

You definitely don't like the idea of having to decide whether or not to terminate anyone's conscious existence. How about providing Individual Intellects with tools and toys of self-destruction?

How about arranging “pre-schools” for groups of these Individual Intellects on some specially designed, distant and well isolated “planets” so that they can learn to coexist with one another, as well as some part of your Design (the ecosystem) before they can reach you? This seems a very good idea, because if such Individual Intellects refuse to evolve or refuse to coexist or refuse to recognise key features and the Purpose of your Design - they will eventually cause their own extinction. It's not that you want them to. You just don't enjoy having to deal with idiots who refuse to think. You prefer for them to deal with themselves. You prefer them to choose by their Free Will whether to evolve or vanish.

You really like the possibility of *intelligent* company. Since you want everyone to evolve as quickly as possible, you want to “give” them everything they could possibly need in such a process. To your utter amazement, you discover that the most important things about Conscious Existence are also those that actually cannot be “given”.

No matter how much you desire the other Individuals in your future Universe to be intelligent, you cannot “give” anyone else any of your Intellect. Every autonomous Individual has to become smart entirely on its own - exactly like you did - by making conscious choices, experiencing their consequences and drawing conclusions. Development of Intellect is a result of an individual effort.

You cannot “give” anyone any Imagination. Every individual needs to develop it on its own. You also cannot Understand anything for anyone. Every individual needs to achieve understanding on its own. You cannot experience, express or even establish a need for subtle and blissful feelings such as Love for anyone else. Every individual needs to learn it all on its own...

You wish every Individual in your future Universe aimed for all those things that cannot be “given”. These are the same things that cannot be taken away...

You conclude, that the only true assistance that you can actually provide for other Individuals to evolve is an “environment” for learning, an environment for making choices and experiencing their consequences.

Since the development of Intellect and the associated abilities is strictly an individual effort, the total Autonomy of Thought for every Individual in your future Universe becomes extremely important. You decide to give it a priority.

You decide that in your Universe - every Individual will have a totally unrestricted Freedom of Thought and unlimited potential to develop Intellect. Most definitely - you do not want puppets. For this reason, you plan to do everything you can to ensure that every Individual Consciousness is “jam proof” and can be programmed only with the consent of a given individual.

You decide to allocate generous memory resources to each Individual Intellect - about 4 billion trillion (4×10^{21}) electrons, each having about 100 Gigabytes of storage capacity. You plan to allocate each individual with the unique code to access its private memory space. There should be no “duplicate Individual Intellects” in your Universe.

You realise that you can greatly accelerate the intellectual development of every individual if you “pre-fill” its allocated memory with some useful data. You can even supply an easy to execute “software library”. Specifically, this private “library” can contain an algorithm that can control the development of a “physical body” from the simplest combination of atoms. Of course, the tiniest fragment of such a “physical body” would then contain the “unique code” allocated to each individual.

A well designed library of easy to execute “functions” will free each individual from having to control trivial things such as metabolic processes, generation of energy, immune system, self repairs of the body etc... especially at the initial stage of their evolution. When they evolve, they should be able to control every process in every cell of their body using their own intellect. Eventually, they should be able to modify your “software library” according to their own preferences. The only tool that they will ever need to accomplish such “genetic” modifications will be their own consciousness. Isn't it obvious that such evolved individuals will choose to make their bodies more beautiful and functional?

You realise that the consequence of a strict “privacy” of Individual Consciousness will make every individual experience isolation and loneliness at every stage of evolution. You conclude that experiencing and understanding “loneliness” is essential not only to evolve intellectually, but also to understand You and Your motives for imagining and initiating the Universe...

You realise that you would really enjoy *being understood*. Will anyone in your future Universe evolve enough to understand you? Since every Individual will have the total Freedom of Thought, there is actually no guarantee that anyone will even aim to understand you. You could simply be ignored or worse, totally misunderstood and even misrepresented... How would it feel?

You decide to maximize the probability of Individuals in your future Universe choosing to acknowledge and admire your Intellect by their Free Will. You imagine Nature - SO beautiful, SO fascinating, SO majestic and magnificent, SO intelligently functioning, that anyone with any trace of intelligence and sensitivity simply wouldn't be able not to admire its Design.

You envisage the existence of a magnificently designed Material Reality and Life as a way of revealing your Intellect to any intelligent observer, without interfering with its autonomy and the Freedom of Choice³.

How many Individuals will notice and appreciate it? One in a trillion? You don't know - they will have the total Freedom of Thought. It is entirely up to them what they choose to Think and do. You are not interested in interfering with their Autonomy. After all, it is Autonomy that is the essence of Conscious Existence isn't it?

In your Design you aim for the Best of the Best. Thanks to Autonomy - the Best of the Best can simply choose themselves... They can choose to develop their intellect and continue to apply it to advance themselves further.

In contrast, those unwilling to achieve enough coherence in their thinking will not be able to sustain their consciousness and will eventually cease to exist...

You like the idea of the Self-Perfecting Universe inhabited by the Best of the Best... Aiming to design anything else just doesn't make sense... Aiming to design anything else would be an insult to your Intellect...

What next?

The Universe exists. Can *any* of its features be understood without understanding its Purpose?

At present, we focus our efforts and resources trying to explain the “outside” world as if we were separate from it.

Almost 2000 years ago, a small circle of people was advised: “Whoever does not know Self – **does not know anything**, but whoever knows Self – already has acquired the Knowledge about the Depth of the Universe⁹.”

Shouldn't we look WITHIN? Is this explicit advice of where and how to “seek” in order to *find* why it is that we and the Universe exist? Is the KEY to the entire Universe encoded in our own private consciousness?

How many more thousands of years do we need to realise and explore the significance of this advice?

We have the Freedom of Thought. We can either explore or ignore the Purpose of the Universe³. Whatever our choice is - we are destined to experience its consequences, even if we cannot yet imagine any.

What do you choose?

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