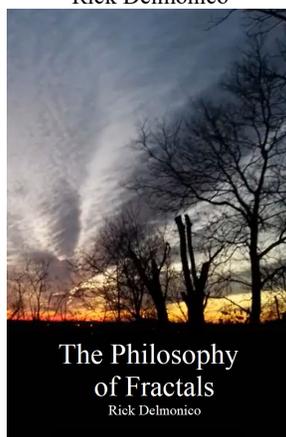


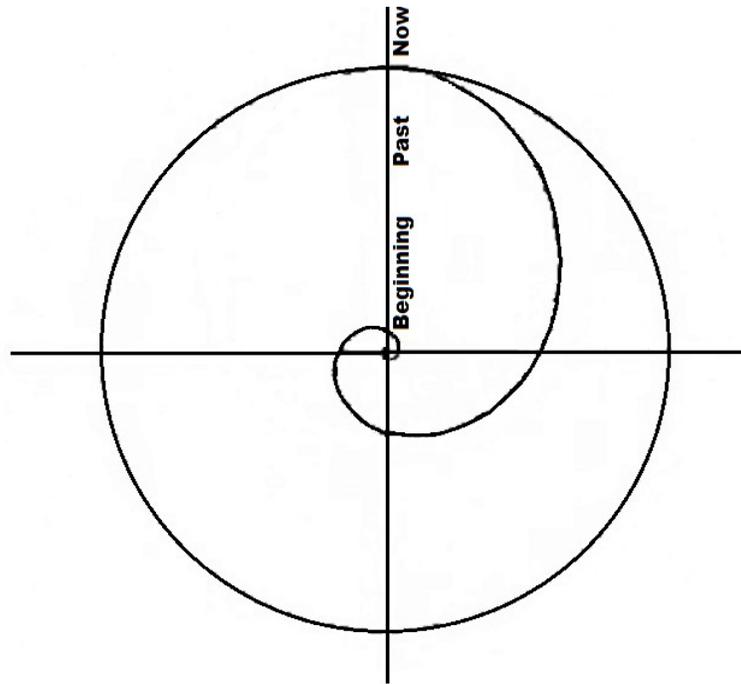
# The Philosophy of Fractals

Rick Delmonico



The Fractal Nature of Living Systems.....	Page 2
Computational Geometry of Space/Time.....	Page 11
Understanding Reality.....	Page 15
Understanding Love.....	Page 19
Are We Alone in the Universe?.....	Page 24
Will Computers Take Over the Galaxy?.....	Page 28
War and Economic Cycles.....	Page 31
The Dynamic Nature of Choice.....	Page 38
Design Principles for the Car.....	Page 42
Recording and Mixing Music.....	Page 44
The Abundant Fluidity of Stupid.....	Page 46
Forgetting To Fail.....	Page 49
Burden.....	Page 54
What is Democracy?.....	Page 58
The Warrior Doll.....	Page 59
The Inverse Relationship of Space and Time.....	Page 67
Lyrics.....	Page 70
Truth.....	Page 134
Consciousness.....	Page 142
Chaos and Management.....	Page 161
Natural Law.....	Page 170
Declaration of Human Rights.....	Page 207
Information.....	Page 208
Love.....	Page 266
Lord of the Seventh Kingdom.....	Page 273
The Hive Mind and the Consensus Reality Cult.....	Page 284
Meaning.....	Page 287
What Level of the Matrix Do You Think You Are In?.....	Page 328
Easily Digestible Philosophy.....	Page 334

# The Fractal Nature of Living Systems



In the graph shown above.

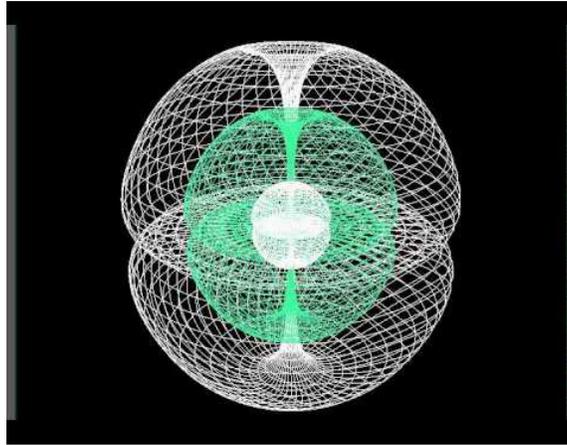
The circle is the full size of the universe.

The spiral line is what we see when we look out into space, spiraling back into time to a smaller and smaller universe. Space may be spinning in relationship to time, also notice the golden ratio. It looks as if [space/time](#) may have a fractal dimension of 1.618. At the center of the graph is the beginning of time. If you study this model closely, you will notice that space expanded at a rate far greater than the speed of light.

Originally drawn in 1997.

## **In the beginning unity.**

The distinction between the one and the many or inside and outside could be visualized as a [Möbius transformation](#) of a [sphere](#), [Klein bottle](#), or maybe a torus or [double torus](#), expressing itself as [one, then two, then three dimensions](#). There are many opinions, and many clues as to how this might be happening, but nothing conclusive. The geometry and dimensions are some variation of emergent properties, repeated at all scales. [Folder of all support documents.](#)



Let's say we set up three boxes to isolate two measurable qualities of an electron. If there are two spin geometries, one being a spin about the center axis and the other fluctuating between the center point and the surface of the torus or sphere so that if you isolate the geometry of the center spin in box A and then isolate the other component spin which is fluctuating between the center and the surface in box B you would still have half the remaining orientation being opposite at box C, (which measures the same thing as box A) once again. This is similar to the measurement problem of quantum mechanics. Measurement [coherence](#) and [entanglement](#) are intimately related.

**Truth is the highest energy state of a system.**

Time may be the process of moving from order to randomness.

The past has higher order than the future. This is different than a computer running a computation, unless the instruction set includes entropy.

The universe is expanding. Into what? A higher dimension?

In a two dimensional model of the universe, (the skin of a balloon), as the balloon expands, we do have a dimension at a right angle to the expanding skin. Is this time? Is the point at the center of the balloon the beginning?

Is the skin of the balloon a fractal or a hologram?

What is randomness, the opposite of truth?

**The structure of the universe is a [computational geometry](#) that is fractal in nature.**

If the universe is made of information then, we are moving from a state of profound truth to a state of [meaningless gibberish](#). This is the second law of thermodynamics. We are in the [gray region](#) between truth and uncertainty. Our position in the [computational geometry](#) has something to do with scale. What is most important is meaning and relationships nested into context, (story, actors, and stage).

It may be fluctuation of probabilities or [fractal reiterations](#) with varying degrees of freedom in an information field stored holographically. Is time the framework in which choices are made? Could it be the vehicle for our [fractal journey](#)? What we are talking about is a [fractal probability distribution of space/time](#).

**Save your breath sonny, it's [fractals all the way down](#).**

The difference between unity or singularity and infinity or infinite regress is the same as the difference between static truth and dynamic variation, (potential as an infinite recursive iteration).

Any attempt to explain the idea of truth, will result in an explanation that requires an explanation. This continues to infinity as a logical monster. Truth has a static quality and perfect symmetry, it looks the same from every angle, at every scale. In a dynamical system, truthfulness will fluctuate. Variation is dynamic, being neither perfectly symmetrical nor purely random. In the hierarchy of information, truth has the most potential and uncertainty has the most variation. The connection that completes the circuit would look something like deception ([self referential randomness](#)) if you are moving towards chaos, and love or harmony if you are moving towards truth. Our connection to this circuit is through appreciation of beauty, and desire, the polarity or direction depends on how you understand or trust the information. Love is the purest connection moving to the highest energy state and deception (self referential randomness) pulls you into the darkness, the dynamics of [qualia](#).

### **Knowledge is the physical manifestation of consciousness.**

If information is stable then knowledge is fairly stable and what is fluctuating is understanding, this division or variation of all things is in "understanding" and the unification of all things is this thing we call "love." While this may seem strange, the information field appears to be conscious and if this is the case then we cannot rule out the idea of a higher purpose. This higher purpose would most likely have something to do with love. Matter and energy cannot be created or destroyed and the same is true for information. Matter has a material quality that emerges out of the information field. Information has a spiritual quality with variation emerging from the singularity. In the digital world nothing truly exist unless it exist in at least two places. Our connection to the information occurs at a [deeper level of reality](#).

Profound absurdities link perception and imagination. If we take the intangible and encapsulate it within the vessel of reason, then we turn it this way and that looking for clues, we may discover something unexpected or we may have to discard the thing and move on. There is an awful lot to sift through and all too often no clear direction, we do this however because we must.

If we attend a moment, it is given value as a consequence of memory and if intention is placed upon it, the value fluctuates as it branches out into the future as possibilities. In this journey of life we have been set upon, [every choice](#) becomes a fork in the road. The destination of the branches in front of us are real but all the "other branches behind us" (the choices we did not make) are imagined.

The history of a black hole is written or smeared upon its rippling surface, called the event horizon. The observable universe may be the [rippling skin](#) of the real universe. With each quantum tick of time the the skin or membrane of our universe gets bigger. Can the past, present and future appear together at a certain scale? Einstein tells us that the distinction between the past present and future is a stubbornly persistent illusion. This would suggest that the universe is like a set of Russian dolls nested inside of one another. They all exist but we are stepping from one to the next with every tick of time. From a highly energetic and highly ordered luminous state, into cold dark chaos.

At the micro scale, time is an emergent property, at the macro scale, time appears to be a fundamental feature. Time, gravity, the stretching out of space and the second law of thermodynamics are linked in a manner which has yet to be described. If the expansion of the universe is speeding up, this could mean that the degrees of freedom in the outer fractal hisrarchy is increasing ([Fredkin's paradox](#)). If the nature of the universe is indeed digital then what the speed of light defines for us may be the processor speed. If it is a hologram with fractal features, time will have nested cycles. The resolution of a system defines the limits of any value assigned to it. Infinity could be the changing value inside of a cycle, possibly fractal reiterations. At the finest scale, we end up back at unity, each point represents the whole.

Let's assume for a moment that at the singularity of the big bang, the speed of light was infinite. We will ignore the prime mover for the moment and focus on what happens to light as space expands. [If space unfolded](#) like an infinite set of [Planck scale tiles](#), the speed of light in the first tile would be

infinite, at the next iteration, it would be less, and so on. the slowing of the speed of light would follow a power scaling law. Time is an emergent property, and so is space, and so is everything else. The unfolding of these tiles could be a fractal probability distribution and gravity cannot reverse the unfolding. it just slows it down in a relative manner. At the singularity of a black hole, entropy has not been reversed it has been repositioned or redistributed. Gravity may be a two dimensional phenomenon. It could also be a one dimensional fractal curve occupying three dimensions which in musical terms has a tension and release as it repositions into the second and third dimension.

If we are talking about information, this unfolding would resemble the computational arrangement of a very simple instruction set that grows in complexity. Did the universe boot itself up? Are physical laws part of the universe, as opposed to standing outside it? Are the rules governing the universe emergent? We cannot say at this time which fundamental feature the universe possesses.

The most improbable possibility contains the most information. If I am talking about a four legged mammal that quacks, "quacks" contains the most information because there are many four legged creatures and there are many mammals but only one creature quacks. The most likely outcome contains the least amount of information. It is an outcome that is certain. It is like the singularity or a frozen crystal. The most information is the opposite of the highest state of energy being truth.

If the essence of our universe is information branching out from a singularity, truth would necessarily be at the center where trust also should reside. When they are together, you would have harmony of thought and purpose and when they are not, you get varying degrees of discord branching out in a fractal pattern, but it is all still information.

The idea that trust is able to move outside of the center would suggest that consciousness becomes bifurcated by this process. A multiplication of souls would result. Each of these souls would be at varying degrees of proximity to the center or truth and so deception, distrust, or poor choices are branching out along with consciousness into the outer darkness.

The source of light is at the center, being truth, unity and love. The scattering of choices and conscious agents may have a purpose. I do not know if it is to solve an equation, to eliminate a possibility, or to create a possibility.

There is, what I will call the religion of the 10,000 lies (self referential randomness). It does not matter which of these lies you believe, it is all the same religion. The best definition of truth I have found is "a secure foundation," the more secure the foundation, the closer to the truth you are. The fractal expression of freewill states that because time's arrow is pointing down, most of the paths lead to the abyss. Any time an experiment is subject to interpretation, there is an opportunity to come to the wrong conclusion. Let us suppose for a moment that the universe contains infinity. Would it be a bounded infinity or a linear progression that goes on forever? What is the prime mover that started it all? How many steps back would we have to go before we were satisfied?

The Big Bang

Brane Theory

Multiverse

etc...

Do we just keep moving the original problem back one step at a time?

Does the interface between our world and the next, fluctuate?

I am sure it has something to do with [attention, intention and expectation](#). There is a boundary and it is

fractal. A cold stressed crystal will fracture in a fractal pattern. At the edges of this fractal, the scale is very very fine and so the influence is very very small.

To penetrate deeply in to the spiritual world requires a large effort from a lot of people. This is why our culture has been conditioned to accept the idea of a material reality with no metaphysical properties.

Does consciousness have symmetry? How was the symmetry broken? Was this the cause of time?

Is information hierarchical? Is truth the highest form of information? Does it have perfect symmetry?

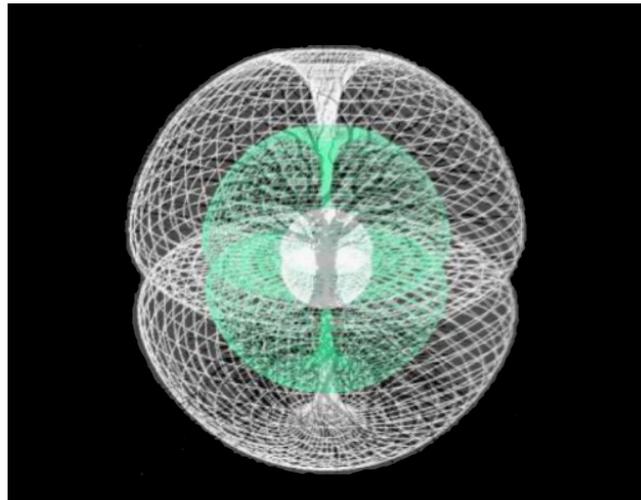
If reality contains both infinity and unity it is either a multifaceted jewel or the singularity dancing.

It is variation that creates reality. Without variation, there is nothing.

The computational structure could be imagined as a tree growing inside of a space that is layered like an onion. Each layer contains somewhere between one and two times the volume of the previous layer. Wherever the tree occupies space is an event that is manifested in our physical reality and everywhere that the tree does not occupy space is a probability that was not manifest. The onion is a nested hierarchy of probabilities, it is constantly growing and the onion or its layers have a dynamic such as spin (a probability wave) as well. Now think of this model as consciousness. What if dark matter and dark energy were unmanifested probabilities. In the dynamics of social interaction, meaningful information becomes enfolded into an [intentional field](#) of [implicate order](#).

The [tree](#) is the universe we perceive, the onion is not space as we think of it. It is a probability space. It is the superposition of all possibilities. The onion has a dynamic, I will call this dynamic spin.

Deception (self referential randomness) would drive this dynamic so that perfect symmetry never exists. In a computer, there is no such thing as pure randomness. It is the same in the reality we experience. When you flip a coin into the air, it is in a superposition as long as it is spinning, however the chance of it landing heads or tails is not a pure 50/50 chance. The coin is influenced by the intentional field.



A material manifestation could be a consensus agreement of probabilities in a quantum system. This has been seen in "The Global Consciousness Project, Meaningful Correlations in Random Data." The Global Consciousness Project, created originally in the Princeton Engineering Anomalies Research Lab at Princeton University, is directed by Roger Nelson from his home office in Princeton. The [Institute of Noetic Sciences](#) provides a logistical home for the GCP.

For 100 years physicist have been trying to describe the pixels on the screen and their relationship to

one another and only recently have they noticed the code running underneath of everything. It is not possible to determine the kernel's code from the output to the display or the behavior of the program. The behavior is an emergent property and there is no path back to the place where it came from. It is as if we are in a hallway of 10,000 doors and every door leads to another hallway of 10,000 doors. This is a fractal maze.

The photon or light particle could be a two dimensional object interfacing with our temporal, three dimensional perception. At the speed of light, the dimension in the direction of travel collapses to zero, therefore entanglement could be a two dimensional phenomenon. In other words, holographic.

The direction of time's arrow is the breaking of the symmetry of the potential, of the boundary condition.

"If the universe is a seamlessly interactive system that evolves to higher levels of complexity and if the lawful regularities of this universe are emergent properties of this system, we can assume that the cosmos is a single significant whole that evinces progressive order in complementary relation to its parts. Given that this whole exists in some sense within all parts (quanta), one can then argue that it operates in self-reflective fashion and is the ground for all emergent complexity. Since human consciousness evinces self-reflective awareness in the human brain and since this brain (like all physical phenomena) can be viewed as an emergent property of the whole, it is not unreasonable to conclude, in philosophical terms at least, that the universe is conscious.

But since the actual character of this seamless whole cannot be represented or reduced to its parts, it lies, quite literally, beyond all human representations or descriptions. If one chooses to believe that the universe is a self-reflective and self-organizing whole, this lends no support whatsoever to conceptions of design, meaning, purpose....On the other hand, it is no longer possible to argue that a profound sense of unity with the whole, which has long been understood as the foundation of religious experience, can be dismissed, undermined, or invalidated with appeals to scientific knowledge.

....It now seems clear that this radical separation between mind and world was a macro-level illusion fostered by limited awareness of the actual character of physical reality and by mathematical idealizations that were extended beyond the realm of their applicability."  
Nadeau and Kafatos (1999)

“One could say that in bringing together various things which previously had been disparate, suddenly there was a realization of their oneness and this created a new whole that is the universe, as we know it anyway. We can say that nature has an intent, you see, which is much deeper than what appears on the surface.” David Bohm

### **It is our actions that define us.**

In the example of Buridan's donkey, the donkey has to choose between two identical piles of hay that are the same distance from him, one on the left and one on the right. This is the superposition in quantum physics. Deception is needed to make the donkey choose, otherwise, the donkey will starve to death. The choice creates a manifestation in the material world. Before the choice, you have a superposition, after the choice, you have a deceived but fat donkey.

In an infinite probability space our action encodes meaningful information into an intentional field of

implicate order. This is the manifestation of events from some degree of possibility, depending on your position in the fractal structure. There is variation in probabilities because the interconnectedness of the fractal structure has variation. This is like saying the computation is dependent upon the position in the computational geometry, or in human terms it describes a range of behaviors, reinforced by repeated actions, (variation in the density of a probability wave). The more an action is repeated the greater the density.

Where is the locus of control? Are we the authors of our own destiny? There is a continuum of possibilities that ranges from us being the players in a game of chance to being the masters and controllers of our sphere of influence. How is the hierarchy of the greater good arranged? How is the system balanced? Who does the power serve? I have my suspicions about power. I do not trust it. Concentrations of power lead to undesirable stratification in societies. In any circuit, power must have balance in the system. If the circuits are not engineered properly, part of the circuit will be overloaded and will burn out, and you have a loss of fitness in the system. There is the pyramid, which is a power structure sitting on the backs of the people and then there is a mobile hanging, coming down from Heaven. The structure of the pyramid is obvious, the blocks are all about the same (hive mind), but the mobile is more like a fractal. The top string is pure truth, unity, and love. Everything hanging from it is variation, but it is variation with balance.

As an illustration of variation of good outcomes. consider the young man who dabbles in love to get sex. He confronts the young woman who dabbles in sex to get love. They are both hoping for good outcomes however, their definition of good outcomes varies dramatically. Success is also measured quite differently, so one must coerce the other and vice versa until a balance is achieved. There is a dark spiritual component to this dynamic because coercion and deception must be employed in pursuit of a goal. Here you can see the role of attention, intention, and expectation.

Consciousness is a dynamic state, or an arrangement of the possible variations of information. Truth contains the smallest number of probabilities within itself, and yet branching out from this is the reality we observe. The photon does not experience time, you could say it is timeless. The system experiences time, but not the photons. They wink in and out of existence when they depart from and meet the electron and the information is exchanged. Truth is timeless. From the frame of reference of truth all variation occurs in the same instant of time, it is the singularity. All of the variation is occurring in the outer fractal hierarchical layers. As you expand from a state of pure truth the information loses its integrity, variation will cause some of the information to lose its truthfulness or symmetry. At each level of this hierarchy, you will have self organization, criticality at the edge of chaos. At the furthest reaches of this fractal structure you will have the most variation. This is the boundary of all possibilities, being the most numerous and the least significant.

We are creatures of light. If this seems strange, consider this, every atom in your body is vibrating and emitting light. Where it gets weird is when we consider the amount of information being exchanged throughout the body. The amount of information moving around in a single cell is enormous, (a simple cell, which alone contains tens of thousands of varieties of molecules interacting at around a trillion reactions a second). There is no way that these bits of material could be floating around, bumping into each other in random fashion until they find the correct match for their purpose, this would take way too long. These bits of material are [communicating at the quantum scale](#).

When considering chaos, imagine a system like weather that cycles in a fairly stable and predictable way (it rains every year in June), as this system transitions into a new cycle of fairly stable behavior, it is the transition that is chaotic. This transition is a [boundary](#) between the two systems. These systems are self organizing. The unified whole creates divisions whose boundaries are chaotic.

The reason I believe that [self organization](#) is written into the fabric of reality is because the universe

expresses itself as a great symphonic theme, and not to the tune of furniture falling down stairs. All natural laws retain the balance contained within the scope of that law, no man-made law can do this.

Our inability to describe reality results in paradoxes, which are clues that we are not thinking far enough outside of the box. Dark matter, and dark energy, are carefully veiled manifestations of metaphysical properties, couched in the language of materialism. We are trying to describe chaotic behavior using logic and reason. We are weaving images, or models, which are the integration of ideas into a tapestry of meaning.

The true value of something is the portion of your life you are willing to trade for it. What is often overlooked in this equation is the spiritual component. If we are to be guided by the unshakable faith of our convictions, we must keep before us the principles of love, peace, and charity.

We are all on a journey. we are all headed somewhere. The reason for the journey is connections. Some of us carry scars. The scars remind us to watch out for things like landmines, potholes and the occasional sharp pointy object. No-one is going to beat a path to your door. You have to be present. You have to keep moving. You have to keep growing, and learning, and most importantly, you have to care. Only deeply broken people destroy connections. Deeply broken people are falling or are just about to fall into the abyss. Trying to catch them before they fall can be tricky.

Truth is the foundational unity. There is a harmony of thought and purpose. The timelessness of truth is given expression in variation, which is allowed to branch out into the nothingness as possibilities. Love is the mysterious attraction or desire that creates a feedback loop and completes the cycle, bringing us back to unity. The scattering of possibilities is dynamic, having many strong currents leading to the abyss. Trust is a beacon shining in the darkness of uncertainty. The idea is to trust that love is the most powerful force in the universe and in the end, love will prevail.

“We could say that spacetime is regarded by us here as a Cantor set with a very high dimensionality. In fact its dimensionality is infinite. However the dimensionality is not simply infinite, it is also hierarchal. The dimensions have different weights and some weigh much heavier than others. Therefore the final overall sum is finite and is completely in accordance with what we expected. So, although all dimensions are equal for being dimensions, some dimensions are more equal than others, meaning less important. A Cantor Set is of course a collection of totally disjoint points and therefore discrete, but this is not ordinary discrete, they are transfinitely discrete and have the cardinality of the continuum. Thus, a Cantor point is not an ordinary point. Consequently our manifold which we composed here may be called after von Neumann a pointless manifold. This property has a far reaching consequence. For instance: all forms of classical gauge anomalies are eliminated and calculus has been replaced by combinatorics. Thus classical Gauge Theory has de facto been replaced by a Weyl Gauge equivalent to ordinary scaling. All these simplifications resulted in our ability to drive what traditionally has been put into theory by hand, namely the coupling constants and the mass spectrum of elementary particles. On our journey to obtain all these results we found a most unexpected bonus. We were able to drive the four dimensionality of spacetime from a basic assumption about the topology of elementary Cantor sets and could make the following conclusion. Spacetime is infinite dimensional and we live in its expectation value, namely 4. We conclude this work by expressing our belief that particle physics and life is probably nothing more but nothing less than a fractal in the space of logic with which we mean the infinite totality of mathematical structures.” El Naschie

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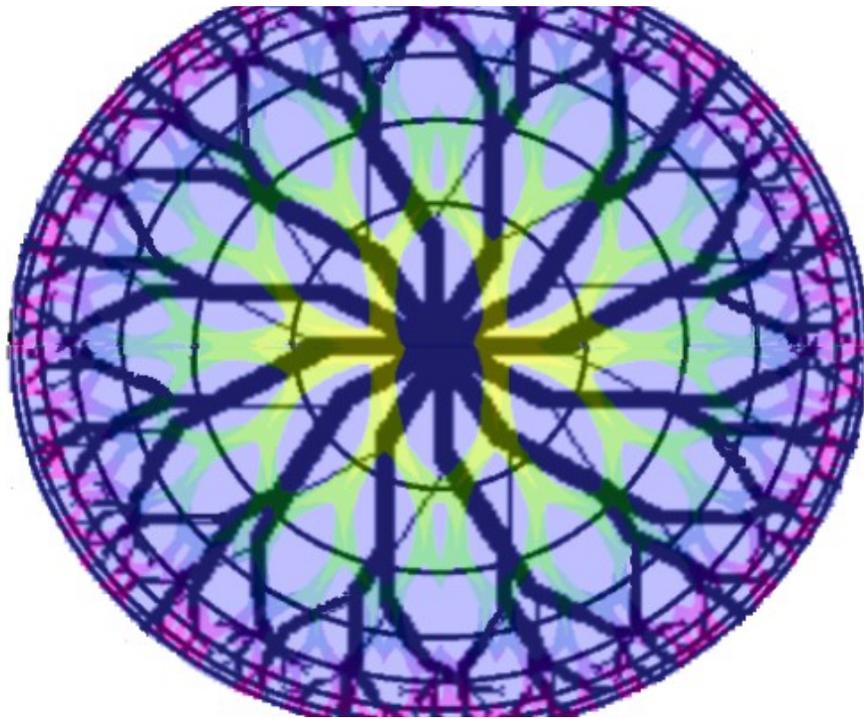
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[Chaos theory and the evolution of consciousness and mind](#)

[Complex-Dynamic Origin of Consciousness and the Critical Choice of Sustainability Transition](#)

[Non-commutative Geometry, the Bohm Interpretation and the Mind-Matter Relationship](#)



## Computational Geometry of Space/Time

All thoughts have a geometry, a dynamic network of relationships. The choice you make now will affect the degrees of freedom for all future choices.

The lawful regularities of our physical reality are emergent.

*For more info, click on the blue words.*

Imagine a tree growing inside of a space that is layered like an onion. Each layer contains somewhere between one and two times the volume of the previous layer. Wherever the tree occupies space is an event and everywhere that the tree does not occupy space is a probability that was not manifest. The onion (with the tree inside) is a multi-fractal hierarchy, it is constantly growing and the onion or its layers probably have a dynamic, such as spin (a probability wave) or a strobing effect, as well. Now think of this model as consciousness. What if dark matter and dark energy were unmanifested probabilities or a separate manifestation. In the dynamics of social interaction, meaningful information becomes enfolded into an [intentional field](#) of [implicate order](#).

The [tree](#) is the universe we perceive, the onion is not space as we think of it. It is a probability space. It is the superposition of all possibilities. The onion has a dynamic, I will call this dynamic spin. Deception (self referential randomness) would drive this dynamic so that perfect symmetry never exists. In a computer, there is no such thing as pure randomness. It is the same in the reality we experience. When you flip a coin into the air, it is in a superposition as long as it is spinning, however the chance of it landing heads or tails is not a pure 50/50 chance. The coin is influenced by the intentional field.

This is another description of the computational geometry of space/time.

The onion is the probability space.

The tree is our material reality, which is just one of an infinite or nearly infinite number from all possible realities.

The first iteration of the tree structure (the trunk) is the center of the onion, it is winking in and out of existence at some particular cycle rate.

The second iteration is the main branches, and if there were eight degrees of freedom and six branches sprout at each iteration for a total of forty eight. These eight groups of six branches are winking in and out of existence, in turn, at a higher cycle rate.

At each iteration you get another group of branches that increases exponentially with a faster cycle time and each iteration is the next layer of the onion.

Each iteration could have one or many degrees of freedom or even combinations (a multi-fractal).

The outer layers of this structure would look just like the frothing sea of potential of the quantum foam.

This structure includes every possible event but at each layer of the onion, all of the possible events are taking turns winking in and out of existence.

It is possible that this structure already exist all the way into every possible future and the ever present now is just a particular position in this structure.

Time, scale and iteration are linked together and cannot be separated. This is a nested hierarchy of increasing cycles of time.

At the scale of the entire universe, the speed of light seems to be so slow that it is barely moving. At the scale of galaxies it is still so slow that it takes 100,000 years to cross our galaxy. At the scale of people, the speed of light is very fast, and at the scale of atoms, even more so. At the plank scale, the speed of light would seem infinite. Time is constrained by the relationships of the reference frame.

Light, as a phenomena, is a quantum random walk in state space. From the perspective of light no time passes. This random walk is not constrained by space and time. From the perspective of light, the entire structure already exist.

Because the probability space creates layers that are progressively thinner The radius is not infinite in length (there is a definite separation between the probability space and whatever is outside of it, like the Mandelbrot set) even though there are an infinite number of layers. This reminds me of Zeno's paradox.

The onion is a model of the probability space where the tree of the knowledge (our material reality) is growing, each layer gets progressively thinner, so that, like a fractal it never completely fills space, the space is not infinite. The boundary conditions display edge of criticality in each layer, at each iteration. The physical manifestation (the structure of our reality), could be thought of as a tree like structure, growing in this probability space. At the ends, the filaments are very fine, in fact infinitely fine. All of the information is stored as relationships and as the finest projections are created or computed you have the greatest number of possible outcomes, so that the earliest versions of this structure had few possible outcomes (less degrees of freedom) for a single iteration. This structure could be called truth at its core (in the beginning) and chaos in the fine hair-like projections (the end). This could also be described as making perfect sense in the beginning and being complete nonsense at the end. The ever present now, is our position in the computational geometry.

Aspects of this geometry include, Buridan's ass, deception, metastability, dithering or self referential randomness. Fredkin's paradox would describe the degrees of freedom at each boundary condition or iteration.

The universe is made of information. There is an organizational principle or process at work in the cosmos. Information has energy and in terms of its potential, meaning, value and novelty play a role. Matter is the medium of expression and the energy is stated as mass times the speed of light squared. For information the value or the energy is measured as a truth value over all possible applications of expression. The higher the truth value the more it applies.

Reality is a nested hierarchy of relationships. We can only measure a thing in relationship to other things. Light does not experience time, only the system experiences time. The material world as we think of it, is made of information. This information is not stored in the material, it is stored in the relationships. The nested hierarchy of scale is an infinite series of relationships. It is the vanishing point, the squaring of the circle, irrational numbers, Cantor dust etc... We are constrained to the relationships in our frame of reference and when we try to move into these far distant domains, we always encounter a paradox. When we move to the largest scales, we encounter the miracle of "something from nothing" and when we move to the finest scales, we encounter "the mystery of the quantum domain."

With the measurement problem, when we have the particles location, we are in a sense stopping time but the electron is part of the holomovement and so a slice of time yields a partial or incomplete picture of the holomovement. If we think of a holographic plate, the electron is everywhere on the plate and it is our particular vantage point when viewing the plate that gives it location. Perception creates a differentiation. Reality is constructed by emergent phenomena. Think of the holographic plate as a dynamic system rather than a static plate. The plate is one slice of time, as a system the structure is nothing like a plate, it is more like sound waves moving as spherical ripples in time. There must be some form of a container with everything inside of the container affecting everything else to some degree.

Information and awareness in a system; the system as a whole has a complete awareness of itself. Perception creates differentiation, the differentiation divides the awareness, this process is, in a sense, a division of consciousness. The meaning contained in the system is moving from the highest state of application, through nested hierarchies of meaning and association into the realm of imagination where all things are possible but less and less meaningful.

[Fractal Universe Part 1, 2, & 3](#)

[Light Fractal Geodesics in an Expanding Space-Time](#)

[On the Need for Fractal Logic in High Energy Quantum Physics](#)

[Fractal space-time fluctuations A signature of quantum-like chaos in dynamical systems](#)

[Non-commutative Geometry, the Bohm Interpretation and the Mind-Matter Relationship](#)

[Integrated Information in Discrete Dynamical Systems Motivation and Theoretical Framework](#)

## **Is Science Solving the Reality Riddle?**



## Understanding Reality

Time, gravity, the stretching out of space and the second law of thermodynamics are linked in a manner which has yet to be described.

The resolution of a system defines the limits of any value assigned to it. Infinity could be the changing value inside of a cycle.

At the finest scale what we end up with is unity.

If reality contains both infinity and unity it is either a multifaceted jewel or the singularity dancing.

It is variation that creates reality. Everything in the universe is vibrating and emitting light.

It may be fluctuation of probabilities or fractal reiteration with varying degrees of freedom in an information field stored holographically.

Can the past, present and future appear together at a certain scale?

Is it a precise computation with an outcome that is certain?

What if reality is a set of Russian dolls nested inside of one another. Each doll is one tick of time and it is we who are moving, or our consciousness?

Is time the framework in which choices are made? Could it be the vehicle for our fractal journey?

If I have valuable information and you reject it.

I am not obligated to fight with you until I make my point, unless this information is helpful to you in some way.

### **A trinity of trouble.**

1. Deception in the garden.
2. It was the woman you gave me.
3. Am I my brother's keeper.

1. This deception in the garden is a fractal expression of how we perceive the world around us. We need to get back to the unfiltered eyes of a child that can see all of the possibilities. This to me speaks of faith anchored in trust.

2. This passing the buck behavior (by Adam), says that I am not responsible for my actions. This would not work in a perfect court of law.

3. The truth is, that I am in fact my brother's keeper and I should care about his welfare.

If I am having an argument, trying to prove my point, then my ego is involved and I have put up a brick wall. My ego/your ego is impenetrable. No useful information will be conveyed.

The idea of being a friend would involve trust.

It is important at the beginning of any relationship that those involved keep trust in the center. It is to be earned, it is to be rewarded, and it is to be cherished. It is in this way that true friends are united.

The placebo effect requires us to trust in a deception.

No deception, no placebo effect.

Our reality appears to have some element of deception built into it.

Speed of light measurements fluctuate for no known reason, outside the value of the margin of error.

Quantum mechanics tells us that we can not really be sure about anything. The most deceived man is the one who is sure that he knows something.

The absurdity of conflict suggests that the collective consciousness of all humanity is being manipulated.

The union of all of the variation contained within humanity will be our success.

Our failure will be going out in a blaze of glory, fighting each other.

I do not speak of the hive mind of the puppeteer, but of the wondrous symphony of the great composer.

### Hypothesis of reality

Truth is the highest energy state of a system, it is also the foundation or unity.

Innocence is the ability to see things for what they are, (unfiltered perception), and imagination is not hindered by a belief system (a belief system or religion is unnecessary).

Intelligence is the ability to make great conceptual leaps and see meaningful information in apparent randomness.

Knowledge is the physical manifestation of consciousness.

Wisdom is the ability to project into the future and see the consequences of every choice.

As we continue our journey through life, we build up layers of filters in our minds until innocence is buried. A small child is closer to innocence than an adult, because of the reticular activating system.

These filters can be beneficial in a material sense or harmful in a spiritual sense and affect our perception of the world around us.

They have an effect on the degrees of freedom in a fractal sense. The limiting of our choices can be expressed mathematically.

Imagination is an echo of creation, (an echo is an impure copy of the original).  
Novelty is the fuel on which the imagination runs, (for good or evil).  
Love only has value if it is given away.  
Freewill is the material expression of love.

There is a fractal and holographic aspect to our reality. There is at one level a material expression of the information stored holographically that we perceive. At a deeper level we connect to this information through our consciousness and every choice we make is branching out in a fractal pattern.

The tree of life. The tree of knowledge of good and evil.  
The tree is a fractal representation of the heavens and the earth.  
It is inside of the time domain.  
It is consciousness.

Choices bifurcating there way to somewhere or some-when else.  
There are only so many choices that can be made in one lifetime but every choice branches out into infinity. The arrow of time is pointing down.  
Notice that in the lower half of the tree (the root system) which represents the earth, most of the paths lead to the abyss, only one path leads to the light.  
Every choice has a fractal quality to it and you have to figure out which way leads to the light.  
Love and freewill are connected.  
Stay on the path of love.  
This path leads to the light.  
All of the other paths lead to the abyss/chaos.

The right hand path or God's right hand (preeminent).  
There is what I will call the religion of the 10,000 lies. It does not matter which of these lies you believe, they are all the same religion.

Then there is truth, which I will call a secure foundation.  
This "quest for truth" is what I will call the right hand path. This is man's attempt at a solution. All religions are based on this principle. When you make a decision ask yourself, is it true, is it kind, is it helpful. This is the golden rule. From God's perspective it is straight and narrow. This is spiritual, God centered, not man centered. The difference between religion and spirituality that becomes a point of contention is that I believe I have to rely on the still small voice, because I do not possess the understanding required to make these choices correctly every time. I am human and so I fail to make the correct choice, or to hear the still small voice on occasion.

The left/right paradigm only exist from man's perspective, There is also an incompleteness, we can never reach truth on our own because we are trapped in a fractal maze. From God's perspective it is straight and narrow, which is the nature of light. The fractal maze that we are trapped in looks like the tree of the knowledge of good and evil. The tree of life would be the way of escape.

The right hand path/choice leads to the light. This is the straight and narrow road of truth, love and light.

The left hand path/choice leads to the abyss/chaos. This is the broad way that leads to destruction, being pulled into the darkness of the abyss.

The scaffolding we use to ask the right questions may not necessarily be of any benefit when trying to answer those questions.

These filters in our minds may block the direction we should be looking.

I would like to define some of my terms.

The God I refer to is the God of my understanding.

I have struggled with this idea of God as much as anyone has for many, many, years.

The American Indians have a saying: There are two wolves inside of you fighting, one is good and one is evil. The one that will win is the one you feed the most.  
God looks on the heart.

At the scene of an accident you could have ten witnesses and eleven different accounts.  
This is understanding based on the perception of each witness.  
I do not take my understanding lightly and do not wish to be attacked at every turn.

Let me try to understand this non-God, or non-creation, position.  
Order out of chaos.

It is possible to look out at the universe and see the immense scale. There is a grandeur and an elegance.

Our position is absolutely minuscule. There is a sense of mystery here, we should have some humility.  
If we take a position of authority and say that random processes have been the cause of all of this, it is like saying in the beginning was nothing, then it exploded.

If we say that reality is created by our consciousness or that the universe is created by some computer program, we will not be able to prove it.

If we say that the universe is a great cosmic accident, we will not be able to prove it.

If we say that a God or many Gods are involved in creation, we will not be able to prove it.

Einstein believed that space/time is smooth and continuous. I think at the finest scale it will be proven to be grainy, so that no matter how large the universe is, it is not big enough to hold an infinite number, in fact, it is not big enough to represent an infinite number in any manner, take your pick.

Example: every particle in the universe represents one digit. You will run out of particles.

So I can say that the universe is a multifaceted jewel or it is the singularity dancing and I would not be anymore incorrect than the next guy.

My understanding of God may not be anymore incorrect than the next guy.

It is not difficult to prove that the Bible has its origin from outside our time domain.

Unless of course you are willing to write everything off as a coincidence. It is not my intention to argue these points.

The universe is dying and can not be rewound. In deep time all of the stars will exhaust their fuel and eventually even the black holes will evaporate. Can we place any hope in nature? Hope is indeterminately linked with the spiritual world.

At some point before my time is up, I will have to exercise faith.

I will want to pick something to hold onto.

What should I choose?

This is my struggle.

In this we are all kind of in the same position.

The true value of something is the portion of your life you are willing to trade for it. What is often overlooked in this equation is the spiritual component. If we are to be guided by the unshakable faith of our convictions, we must keep before us the principles of love, peace, and charity.

# Understanding Love

Love in its various forms seems to complete something in our psyches and to give purpose and meaning to our lives. Love also has a very mysterious quality, something spiritual that cannot be explained in terms of our every day experiences, as it turns out, this is probably the case and so any effort to nail down exactly what love is will be for the most part, a futile effort.

Why should love exist at all? Is there some benefit in a natural sense for love to have an influence over the natural world? Could procreation occur without the influence of love? It can and it does.

My exploration of love will not include the animal kingdom, which by pair bonding and parental care allows for the continuation of a species. My focus will be to examine the spiritual quality of love and its role in the creation of all things including the free will of humanity.

In the beginning God. Here we have a statement about the beginning of everything. What we really have here is unity. Unity of understanding, unity of purpose and unity of every point of space and time, all contained within God. This is as pure a spiritual expression as we mere mortals can imagine, and if God wants to retain a bit of mystery about himself, then there will remain a mystery. This is also the highest energy state that a physicist can speak of, in other words everything (whatever that includes) is pure energy.

In the beginning God created the heaven and the earth. Here we have an expression of the spiritual world and the material world. This is the first division of unity, possibly in time. The second person of the trinity as was stated by the apostle John, "all things were created through him". Jesus said, "I and the Father are one", indicating that unity still exist, in some manner that we may not be able to describe, a bit of mystery. The spiritual world retains some form of infinity and unity, while the material world is now counting out time in discrete measure.

The act of creation, from thought to spoken word, created the first division. We now have a form of separation. And the earth was without form, and void; and darkness was upon the face of the deep. And the Spirit of God moved upon the face of the waters. The term for earth here could best be understood as the foundation upon which everything will be placed. The darkness would imply that there is no energy, no motion, just an empty frame work. The third person of the trinity moved or brooded upon the face of the waters. Face could mean the initial presence of the waters or medium from which all things will flow. And God said, Let there be light: and there was light. Light is the interface between the material and the spirit. It is said to have no mass and does strange things to time and space. At the speed of light you could say that time stops or you could say that the dimension of space in the direction of travel collapses to zero, either would be correct.

What does this have to do with love, you may ask. The answer is everything. We have free will because it is the only way that we can

express love. The material world is a world of divisions, choices bifurcating there way to some where or some when else. The spiritual world is somehow connected to our world but this connection has remained mysterious and only clues give us any hint as to what is really going on. Some of these clues are philosophical in nature and some of them have been discovered only recently by quantum physicist and the study of information theory. If we want to understand love then, we must look into its connection to the spiritual world, because our version of love has been corrupted by the curse, along with our understanding of all things.

God is love. This is a real definition of God, not just a clever phrase. It is the true nature of his personality. God made man in his image. This man was Adam, before the fall, we have no idea what kind of understanding Adam possessed, but I am sure it was substantial. If Adam had a connection to the spiritual world, this connection was of understanding and of love. After all he was made in God's image. What this would have been like is also a mystery to us, we can only imagine. Did Adam desire fellowship? God said the aloneness of man was not good, this is the first mention of something not being good. Up to this point everything was good. Why wasn't the fellowship between God and Adam enough? I can only guess, perhaps it had something to do with these divisions, this bifurcation of choice. God is not a part of this division. God is love, unity, and understanding. Adam contains his image but is not himself God.

The relationship between Adam and Eve would have been in the beginning, something very special to say the least. Adam loved Eve in a way that we will never understand in this lifetime, for we are mere mortals. In the beginning Adam was not mortal and his connection to the spiritual world gave him a great advantage in understanding. Adam loved Eve with a complete and pure spiritual love.

We at last come to the place where the story takes a turn for the worst. God told Adam not to eat of the tree of the knowledge of good and evil, for in the day you eat of it, you will surely die, (the process of death will begin). Or this could mean a thousand years to the Lord is as a day or Adam will die spiritually. Who told Eve? Where was Adam when the serpent told Eve that she would become like God? Why did Eve add to the word of God by saying she could not even touch the fruit? Does this choice to eat of the tree represent something bigger than the plain text suggest? I need to point out that this knowledge is not the same thing as understanding. This knowledge would have been like the esoteric knowledge of the mystics, the idea of squaring the circle, the promise of something that cannot be delivered.

When Eve ate of the tree she was then in a fallen state. Adam, finding her in this condition must have been alarmed, I can only imagine the conversation. We must remember that Adam had a very high level of understanding and a great capacity for love when he choose to join Eve in her predicament. What if he had chosen to abandon her? I wonder

what the outcome might have been. Adam loved Eve and did not want to be separated from her, (death is a form of separation). Eve was deceived, Adam willfully chose to join her. It is interesting that the knowledge promised was nothing like the reality. They knew they were naked. This shifting of perception represents a loss of some kind. Does God have a plan? How could God let this happen? Is there some way to fix this? The story of redemption takes up a large portion of the Bible and it begins at this point in the story. Adam and Eve covered themselves with fig leaves, (this is man's attempt at a solution), a form of religion. God covered them with animal skins. In order for God to do this, innocent blood had to be spilled. Adam and Eve would not have missed the lesson here. I am sure they were shocked by this process. This is a foreshadowing of a much more shocking event. That the creator himself would come down from heaven and allow himself to be killed in our place. To understand love we would have to understand what is really happening with this key and central event in all of history. It is easy to marginalize this event because our present understanding does not give us any real foundation in which to look at what is happening here. Why would God do this? Why was it necessary? How can we understand this better?

Our capacity to understand is connected to our capacity to love.

The dead part of you (your skin) is protecting the living part of you, death and thorns began together. Adam was clothed in light (the light of the Word). Living systems use non-living material to protect themselves from other living systems and the environment but in the future the lion and the lamb shall lie down together.

Abraham loved Issac. As a father, he would have invested a great portion of his life to the care of and development of his child. When God asked him to sacrifice his only son, this was also a foreshadowing of the sacrifice God would make but even this was nowhere near to what the true sacrifice would be. We mere mortals see through a glass darkly. We see in part, we understand in part. It is by loving that we begin to understand. You cannot argue anyone into a position of understanding. You will be running into a brick wall. The lesson that God chose to give to Abraham was a lesson in love.

The Bible, is a love story written in blood. The life is in the blood. After the resurrection, Jesus says he is flesh and bone, his blood was poured out. The blood was a covering, a remedy, a repair for all of creation. We love him because he first loved us. For God so loved the world that he gave his only begotten son that whosoever believed on him should not perish but have everlasting life. The life is in the blood. How much love are we able to possess, you may ask, we mere mortals. I do not think that there is a simple answer. I suspect that love in its purest form is spiritual and only its expression exist in our world. We few who have accepted the free gift of salvation are ambassadors of Christ. We are conduits for God's love. Our mission is to represent

God's will for those around us. Our own personal agenda will only get in the way. Our understanding and our love are closely linked together with God's will for us. Sometimes God waits until we have exhausted all of our resources before he will reveal his plan for our lives. God seems to want to know, will you trust him.

It is our free will that is shaping the future of humanity, not God's will. God's influence over the affairs of men does not seem to be very significant. We might also see some influence of a dark nature emanating from the spiritual world that uses coercion and manipulation to achieve some agenda. What is this conflict about? We see in the Bible many examples of this conflict, lived out in the lives of the principle characters. The seed of the serpent is the enemy of the seed of the woman, Jesus.

Love also has an enemy but it is not hate, it is apathy, a total lack of concern, a total disregard for anything including one's own welfare. This to me speaks of a complete lack of understanding. Where there is no love, there is no understanding.

Our free will seems to be of a great concern to God who never violates our free will. Einstein once said that coincidence was God's way of remaining anonymous. Jesus said, seeking after a sign is wicked. It is as if we are trying to coerce God into violating our free will. The reason this is bad is because we then lose the choice to love. The choice no longer exist. This is no problem for the dark creatures who will very quickly violate our free will (through deception or coercion) along with many humans who are constantly doing this to each other. Is it any wonder that the world seems so cruel?

From our own experience, we may remember in our youth being so enamored with someone that just to be in their presence was quite a thrill and the idea of asking them for a date would make us very nervous. In some way this must be what God is interested in. Was it a risk for God? He must have felt that it was worth it because even knowing the end from the beginning, he did it anyway. We love God because he first loved us. It is interesting to note that God is tenderhearted. We can break his heart by rejecting him. This is very different from the common image of what a man is supposed to be. Very tough not taking any guff from anyone and always demanding respect. God is no respecter of persons. He does not esteem one person over another, we are all equal in God's eyes. What God is concerned with is our behavior. It is not what goes into a man that defiles him, but what comes out of him.

If we choose to be loving instead of always trying to defend our position maybe the world will be just a bit brighter. We will not always be in the right, We are flawed humans. Our capacity to love and to understand has limits. To say that the potential to love and to understand is limitless is to deny our humanity.

The point is to try and stay on the path of love. Each choice is like a fork in the road and we have to figure out which one leads to the light.

Jesus summarized the ten commandments by saying, “love God with all your heart, all your soul, and all your might, and love your neighbor as yourself”.

The world has an agenda, it is part of this conflict. We are told that we evolved from lower forms of life. I will not argue this point, I only want to examine the effect of this kind of thinking. What we are left with is, survival of the fittest, might makes right, every man for himself, and so on. The common view of a man being tough fits right in. However, the world is a little less bright and there is never enough love to go around. People who get married hoping to spend their whole lives together end up getting divorced. Whole societies end up falling prey to some very clever elitist. What makes this even more dangerous is when technology reaches a level where we can cause some real destruction.

God has put a limit on how far he will let this go and just in case you haven't been paying attention, we are nearing the end. The age of grace is nearly over. When there was unity, nothing needed to be proven but as soon as division occurred something needed to be proved. God knows the end from the beginning, so the proof was directed at his creation. What needs to be proved is God's love. Some will say God made a mistake. Some will say God lost control of his creation. Some will even say God is a moral monster because he allowed entire populations to be killed. These deaths were linked to the corruption of our genes by unearthly creatures and posed such a danger that no other choice was possible. Just like the flaming sword guarding the tree of life, God was protecting the way of salvation.

When your final day comes do not allow yourself to be swayed by fools professing themselves to be wise. Know this, love is the most powerful force in the universe. In the end, love will prevail.

## Are We Alone in the Universe?



**I want to be really clear in what I'm trying to describe here, so please bear with me! Click on the blue colored words for more info.**

The amount of documentation is enormous. The issue is completely polarizing. The implications are staggering. The message is so convoluted that most of the "so called" experts and researchers have gotten it all wrong. Here, I will present the evidence as I understand it up to this point.

We are given a black and white choice when confronted with this phenomenon, but this is a mistake. The reason I say this is because of the amazing amount of deception woven all through ufology. Are we just being played by some very clever pranksters? Are we being visited by highly intelligent creatures from a distant world? Most people would pick one of these two options, or they might say "this is not even worth my time." However, there are some very [high profile individuals](#) committed to sorting out this question. Why would they even bother? Surely there must be something to this.

As far as I can tell the most important part of this research is going to be consistency in the message from the extraterrestrials. There is no consistency. Everything is manipulation.

[Karla Turner](#) studied alien abductions for decades and came to the conclusion that, not only are these creatures deceptive in their rhetoric but they are highly manipulative. If these abductions are nut cases, this would make sense but why would they all be telling similar stories? Detail after detail match with no possible way for these people to corroborate their stories. Most are afraid to even tell anyone else what has happened to them. The chances of getting so many details synced is almost zero. The number of abductees is in the millions.

Jacques Vallee, in his book, [Messengers of Deception](#), gives the best explanation I have been able to find on this subject. If you have never heard of Jacques Vallee, he is the researcher that Steven Spielberg used to model the scientist in Close Encounters of the Third Kind.

"The writing of this book has not been an easy task. In fact, it was outright difficult and painful. Few of the facts I have had to state in these pages were to my liking" They shocked earlier theories of mine, destroyed my accepted and familiar thoughts. They were not designed to win any new friends. Pondering the reports and the theories, I kept thinking, "Should science have something to say about all this? If it doesn't, then what is science good for?" Science with a capital 'S' is a complex system, when you look at it from the inside. Linear accelerators that stretch for miles, computing clusters as big as a supermarket, research centers the size of a city: the mind is easily impressed by the dimensions of modern technology. As a professional scientist, I have driven telescopes inside their large domes on mountaintops, and I have operated computers in a radar factory. I have walked through immense wind tunnels, and I have found my way in the streets of atomic cities, in Oak Ridge and Brookhaven. None of this helps me when I try to understand the motivations of the contactees: science doesn't come to my aid any more. I

am outside the domain where equations rule a logical set of processes. I can't look at all this from the inside. Consider science from the outside: it is a machine for turning out knowledge. It has worked extremely well for a while. It has given us aircraft, television, and trips to the Moon. On the other hand, there are situations in which it is useless, because it assumes that the phenomena that are fed into it are natural and spontaneous. If something bigger or smarter than the ordinary human mind is around, if some clever deceivers use it to feed us phenomena that have been designed to fool us by Machiavellian spies or benevolent masters, then a "scientific" investigation will be useless. How can we find out whether or not anomalous phenomena can be dealt with in scientific terms? At the end of antiquity, people were fed up with science. The Greeks knew the Earth was a globe. They knew how big it was, and how far it was from the Sun, and they knew the diameter of the Moon. They could compute the dates of future eclipses. They even understood the atomic structure of matter. But they couldn't tell people what the human race was doing here, and where it would go next. So their science was swept away and forgotten. Will the same thing happen to our science? Is this what UFOs mean? Scientists may be in the same position with UFOs as they are with crime: every police department has a criminology lab, but it is the detective who finds the criminal, not the technician. WHERE ARE THE UFO DETECTIVES? The public has two usual positions on UFOs, either "It's all nonsense," or "We are visited by creatures from another planet." Until today, the first position has been the stronger one. A majority of the public and practically every scientist has long thought that UFOs were nonsense - and that is why there are no UFO detectives. Now things are changing. So many people have seen strange phenomena that a new belief has been born. Scientific opinion cannot stop this shifting of power. Unfortunately, once disturbed from its comfortable position of rest, the public will shift to the other extreme and start believing in space visitations. This is unavoidable. It is so reassuring to have other forms of life come here! They may be horrible to behold, but at least "they" know about us, "they" care about us, and "they" have gone to the trouble of coming here to see what we look like! In the naive words of a New York Times science editor, "We are not Alone!" There is another system. It is sending us messengers of deception. They are not necessarily coming from nearby stars. In terms of the effect on us, it doesn't matter where they come from. I even suspect that "where" and "when" have no meaning here. How could we be alone? The black box of science has stopped ticking. People look up toward the stars in eager expectation. Receiving a visit from outer space sounds almost as comfortable as having a God. Yet we shouldn't rejoice too soon. Perhaps we will get the visitors we deserve." Jacques Vallee

My take on the matter; there is an agenda so pervasive, and so dark, that no-one will uncover it without paying too high a price.

"In the great epic poems, including Homer and Virgil's works, where the gods are routinely described as swooping over the savory smoke of sacrifice to lick up the scintillating effluvia, i.e. the food of the gods." Carlos Castaneda

### [Carlos Castaneda on Our Predator](#)

Don Juan, the Mexican Yaqui Indian shaman, tells Carlos Castaneda the following: "We have a predator that came from the depths of the cosmos and took over the rule of our lives. Human beings are its prisoners. The Predator has become our lord and master. It has rendered us docile, helpless. If we want to protest, it suppresses our protest. If we want to act independently, it demands that we don't do so... I have been beating around the bush all

this time, insinuating to you that something is holding us prisoner. Indeed we are held prisoner! “This was an energetic fact for the sorcerers of ancient Mexico ... They took us over because we are food for them, and they squeeze us mercilessly because we are their sustenance, just as we rear chickens in chicken coops, the predators rear us in human coops, humaneros. Therefore, their food is always available to them.” “No, no, no, no,” [Carlos replies] “This is absurd don Juan. What you’re saying is something monstrous. It simply can’t be true, for sorcerers or for average men, or for anyone.” “Why not?” don Juan asked calmly. “Why not? Because it infuriates you? ... You haven’t heard all the claims yet. I want to appeal to your analytical mind. Think for a moment, and tell me how you would explain the contradictions between the intelligence of man the engineer and the stupidity of his systems of beliefs, or the stupidity of his contradictory behaviour. Sorcerers believe that the predators have given us our systems of belief, our ideas of good and evil, our social mores. They are the ones who set up our hopes and expectations and dreams of success or failure. They have given us covetousness, greed, and cowardice. It is the predators who make us complacent, routinary, and egomaniacal.” “But how can they do this, don Juan? [Carlos] asked, somehow angered further by what [don Juan] was saying. “Do they whisper all that in our ears while we are asleep?” “No, they don’t do it that way. That’s idiotic!” don Juan said, smiling. “They are infinitely more efficient and organized than that. In order to keep us obedient and meek and weak, the predators engaged themselves in a stupendous manoeuvre stupendous, of course, from the point of view of a fighting strategist. A horrendous manoeuvre from the point of view of those who suffer it. They gave us their mind! Do you hear me? The predators give us their mind, which becomes our mind. The predators’ mind is baroque, contradictory, morose, filled with the fear of being discovered any minute now.” “I know that even though you have never suffered hunger... you have food anxiety, which is none other than the anxiety of the predator who fears that any moment now its manoeuvre is going to be uncovered and food is going to be denied. Through the mind, which, after all, is their mind, the predators inject into the lives of human beings whatever is convenient for them. And they ensure, in this manner, a degree of security to act as a buffer against their fear.” “The sorcerers of ancient Mexico were quite ill at ease with the idea of when [the predator] made its appearance on Earth. They reasoned that man must have been a complete being at one point, with stupendous insights, feats of awareness that are mythological legends nowadays. And then, everything seems to disappear, and we have now a sedated man. What I’m saying is that what we have against us is not a simple predator. It is very smart, and organized. It follows a methodical system to render us useless. Man, the magical being that he is destined to be, is no longer magical. He’s an average piece of meat.” “There are no more dreams for man but the dreams of an animal who is being raised to become a piece of meat: trite, conventional, imbecilic.”

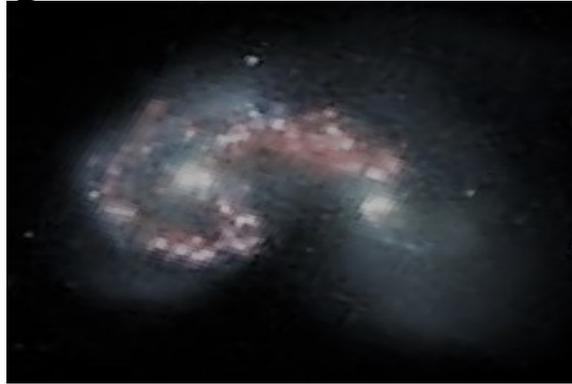
Castaneda, 1998

We live in the shadows of perception. Our dull awareness gives us no useful clues as to why we are here. There is something we are supposed to be doing, an incessant narrative of convoluted purposeful activity that leads to nowhere. What are we to think of all this? How are we to live? We live as we understand, no understanding, no life. If we had unfiltered awareness, a belief system would be unnecessary. This seems to me to be the true definition of innocence, "unfiltered perception." This is why small children and their imaginations are so precious. Are they seeing something the average adult fails to perceive? We are in Plato's cave and if you try to wake up the person next to you, they will hate you for this. You have not done them any favors. They will say "just plug me back into the Matrix, I don't want to remember anything."

What is the meaning of life? I will take a shot at trying to answer this. Truth is branching out into the nothingness as possibilities. Any attempt to explain the idea of truth will result in an explanation that requires an explanation. This continues to infinity as a logical monster. We are in the middle of a story that is still being written. But whose story is it? It is [History](#).

Perhaps for some, the way of escape is simply, too difficult to comprehend and too wonderful to imagine.

# Will Computers Take Over the Galaxy?



"Any sufficiently advanced technology is indistinguishable from magic" [Arthur C. Clarke](#)

The line between technology and magic is certainly blurred, and throughout history, this line has been moving.

So, where are we headed? There are some unprecedented things on the horizon. It is as if we are outpacing our emotional maturity with our intellectual prowess.

If the nature of humanity is fractal, (and I believe it is) then, I think we are at a bifurcation point. We could rise above our dilemma, or we could be plunged into the darkness.

"We can not solve our problems with the same kind of thinking that created them" [Einstein](#)

[Roger Penrose](#) does not believe it is possible to build a sentient, thinking machine.

The non-computable ingredient required for human consciousness and understanding, Penrose suggested, would have to lie in an area where our current physical theories are fundamentally incomplete, though of important relevance to the scales that are pertinent to the operation of our brains. The only serious possibility was the incompleteness of quantum theory—an incompleteness that both Einstein and Schrödinger (and also Dirac) had recognized, despite quantum theory having frequently been argued to represent the pinnacle of 20th century scientific achievement. This incompleteness is the unresolved issue referred to as the ‘measurement problem’.

[Ray Kurzweil](#) thinks it is possible.

Futurist Ray Kurzweil’s prediction that humans will be uploading their minds to computers by 2045 and that bodies will be replaced by machines before the end of the century, currently receiving a new wave of media attention, overlooks the fact that such technology will likely be monopolized by the elite as a way of enslaving the rest of humanity on an industrial scale.

"Kurzweil, hired by Google, repeated his forecast at the Global Futures 2045 International Congress in New York June of 2013, but newspaper reports concerning the issue did not include a key disclaimer, which Kurzweil admits in his book – such technology will not be available to the general public and instead will be controlled by a technocratic elite who will attempt to become super beings by merging with machines" **Paul Joseph Watson**

My opinion would be that if we do not create the same fractal structure as the brain in a thinking machine then, we will not get the same kind of thinking.

Consciousness implies awareness: subjective, phenomenal experience of internal and external worlds. Consciousness also implies a sense of self, feelings, choice, control of voluntary behavior, memory, thought, language, and (e.g. when we close our eyes, or meditate) internally-generated images and geometric patterns. But what consciousness actually is remains unknown. Our views of reality, of the universe, of ourselves depend on consciousness. Consciousness defines our existence.

Our brains have a number of [fractal features](#):

1. The interconnectedness is a fractal network. What the Fractal Brain architecture and the reducing of Cosmic Structure to this same Fractal conception allows us to do is to reduce all existence to a Single Consciousness. This approach works together with the idea that the physical Universe is illusory and that what is behind the illusion is mathematical or platonic existence.
2. The rhythmic timing of activity and the number of neurons involved follows [fractal scaling laws](#). In the critical state, the spatiotemporal correlations are highly susceptible to perturbations; the dynamics may be viewed as balancing between a predictable stable pattern of activity and uncorrelated random behavior. Thus, if the “fractal” structure of neural oscillations indeed arises from self-organized neural network dynamics poised at criticality, one would expect the ongoing activity to be effectively disrupted by externally imposed perturbations. This, in fact, has been observed.
3. At the molecular level, the [microtubules](#) are acting like quantum transceivers. So we might think of ourselves as quantum computers. The hypothesis of OR (objective reduction), on the other hand, asserts that R is a real objective physical phenomenon, independent of any observer. Moreover it would be OR that provides the ‘bridge’ between the quantum and classical worlds. This, however, necessitates some kind of modification of the standard U-evolution (i.e. of the Schrödinger equation) for massive-enough systems. The DP version of OR is a particular such scheme, according to which a massive physical body, placed in a quantum superposition of two different stationary locations, would spontaneously find itself located in one or other of these locations in a timescale of order of  $\tau \approx \hbar/EG$ , where EG is the gravitational self-energy of the difference between the (expectation values) of the two mass distributions in the constituent stationary states. Accordingly, we might say that a quantum-theoretic separation of a material object ‘from itself’ (like Schrödinger’s hypothetical dead/alive cat), would be unstable and would decay to one or the other of the component states in a time scale that approximates the value  $\tau$ . The quantity  $\tau$  can also be understood as the tiny difference, in fundamental Planck-scale units, between the space–time geometries of the two alternative states. Such superposition/separations tend not to be isolated from their environment, however, and would then entangle with other material in the environment, so that it would be the entire entangled system that would evolve until reaching this objective threshold for reduction (OR) at time around  $\tau \approx \hbar/EG$ , where EG is now the gravitational self-energy of the difference between the two superposed mass distributions including the relevant entangled environments. At the moment of OR, at an average time of around  $\tau$  after the formation of the superposition, the alternative space–time possibilities reduce to just one or the other of the space–time configurations.

Why are we so inefficient at processing and storing data? This is the [reticular activating system](#) and the corpus callosum's fault. [Kim Peek](#) had no corpus callosum, anterior commissure or hippocampal commissure. He could read a thick book in about an hour or so and remember at least 98% of everything he had ever read. He could calculate dates and tell you that January 1st, 1611, was a *Saturday*. [Daniel Tammet](#) can calculate huge numbers in his head, quickly. So it is simply a matter how the brain functions and not whether it is able to perform. We may all have latent powers of perception and cognition that are underdeveloped.

The human mind constructs models that are hierarchical for perceiving the world. The processing of perceptual information flows through these fractal iterations looking for meaningful correlations. This

is a two way process, up and down the hierarchy. The construction of these models has something to do with [aesthetics](#). Every experience and learning is not merely cognitive, but always, also includes values, emotions and doing. We are strongly attracted to beauty even from a very early age. [Values](#) are [assigned](#) to the things we desire. The more [beauty](#) they have the stronger the [desire](#). Humans are cultural beings. We learn to communicate and understand our world through the context of our languages, traditions, behaviors, beliefs and values. Our cultural experiences and values shape the way we see ourselves and what we think is important.

We learn to bargain for the things we [desire](#), and sometimes we have to use coercion, deception, or manipulation. This is [social interaction](#). Deception is a social strategy, which often is used to enhance social interactions and cooperation within groups.

Artificial sentient beings will probably share many of these same qualities. In order for a computer to decide between two very similar ([Fredkin paradox](#)) or identical ([Bearden's donkey](#)) choices in a timely manner, some form of deception will be needed, to close the deal. The computer must appreciate beauty and it must feel desire. These are very subjective qualities. Right now, the computer lives in a very objective world. A truly sentient being may evolve out of the internet, like a [ghost in the machine](#).

*" Around 1993, Time Magazine interviewed ten major computer experts about the direction and goals that industry was moving. One thing stood out above all other visions and opinions. All ten indicated that there was a "presence" on the Internet, and no one had a clue as to what it all meant. It is possible that the *search engine discrepancies* might be a form of directional [MEMs](#)."*

Richard A Miller

As we move closer to understanding how order emerges from chaos in [neural networks](#), it is certain that there will be many surprises.

My apologies to Douglas Adams but the answer to the ultimate question is not [42](#), it is [37](#) or possibly [137](#).

"We are all agreed that your theory is crazy. The question that divides us is whether it is crazy enough to have a chance of being correct." Niels Bohr

# War and Economic Cycles

If the people in power, the people in control, understand the system only just enough to exploit it, then what we will eventually end up with is a catastrophic loss of fitness in the system.

Who can say whether we will have an economic collapse or another world war, we can only hope that cooler heads will prevail. At the present time, we appear to be headed for great turmoil. There is a great push towards conflict for various reasons. We cannot identify an enemy without becoming one. Part of the problem is [black and white](#), low level thinking. We do not understand the system. How is fitness in the system created or destroyed? How is the hierarchy of the greater good arranged? Do the people in power want war or peace? [We cannot create large populations of disenfranchised, hopeless, hungry people without experiencing blowback.](#) Conflict is absurd, it is part of a system of control. Any agenda associated with conflict has its roots in materialism. There is an amazing amount of information moving through the system. One of the carriers of this information is the photon or light particle. We are creatures of light. Photons do not experience time, the system experiences time but not the photons. The center of our reality is truth, unity and love. The outcome is already known, it is only the system that awaits its final conclusion. The fitness of the system requires wisdom. We must understand our role in this enigmatic puzzle and at every level of the hierarchy of the greater good, drive the system towards good outcomes. How is this possible? Lean not on your own understanding. We can not solve our problems with the same kind of thinking that created them as Einstein said. Be sensitive to the leading of the Spirit and wisdom will come to you along with grace and peace.

The social dynamics of humanity (especially a consensus agreement) creates meaningful information in an intentional field of implicate order. The integration of social dynamics is a hierarchy of fractal iterations. See: [The Global Consciousness Project](#).

The first question we should ask is whether we are required to understand the reality we live in. The second question would be, what is our responsibility. We are not here to self destruct or use one another. We are here to complement one another, to build community, and to connect to all the possibilities promise brings and to love one another Why is this so hard to do?

Why isn't love and empathy more common?

Something is definitely going on.

We should be better than this.

Survival of the fittest is a very poor excuse.

It is much deeper than that.

The absurdity of conflict suggest that all of humanity is being manipulated.

Freedom is more closely linked to responsibility than to power. The most powerful people may in fact be the most deceived, due to their position in the intentional field. There are degrees of freedom in our fractal reality. The variation of possibilities is structured in a hierarchy of the greater good, whereby all of the layers require balance, not just the final layers. The amount of wisdom required to achieve this is beyond the scope of human comprehension.

**SYSTEM FAILURE:**

A total lack of trust will crash the system.

Either the leaders want the system to crash or their understanding is so out of touch with reality that they have no business leading anyone.

To win the hearts of the people, first you must care about people, then you must build trust. Lies only undermine trust, and while trust is built slowly over time, it can be destroyed very quickly.

When governments say they are the highest authority in the land, what they are really saying is there is no God. There is no reason to fear a government whose only power is to punish me in this world, or send me back to God. It is much wiser to fear God who has the eternal power over the soul and spirit. All through history, trouble has followed man and caused sorrow. The time is rapidly approaching when God will prove that the wisdom of men will fail.

Liberty cannot exist without a moral compass. The hearts and minds of the people must seek truth, love justice, and they must serve the Lord in order to enjoy liberty. This idea has been expressed over and over since our country was founded but never have we been further away from this ideal than we are today.

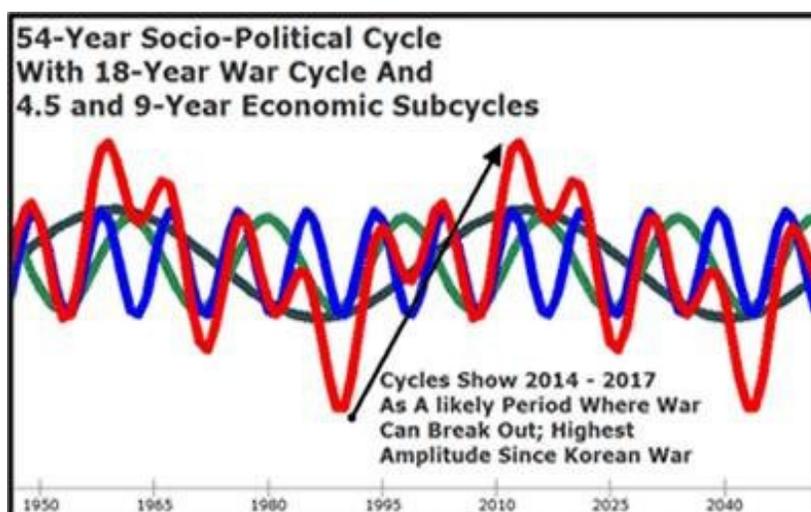
Is the global economy a house of cards? When we think about the system as a whole and we want to understand the fitness of the system, we must include the idea of a moral compass. For instance, what if the leaders had decided that the best route to take was to collapse the old system so that everyone would accept a system in which the leaders had much greater control. If this is the case, then it is certain that those making the decisions represent a clear and present danger.

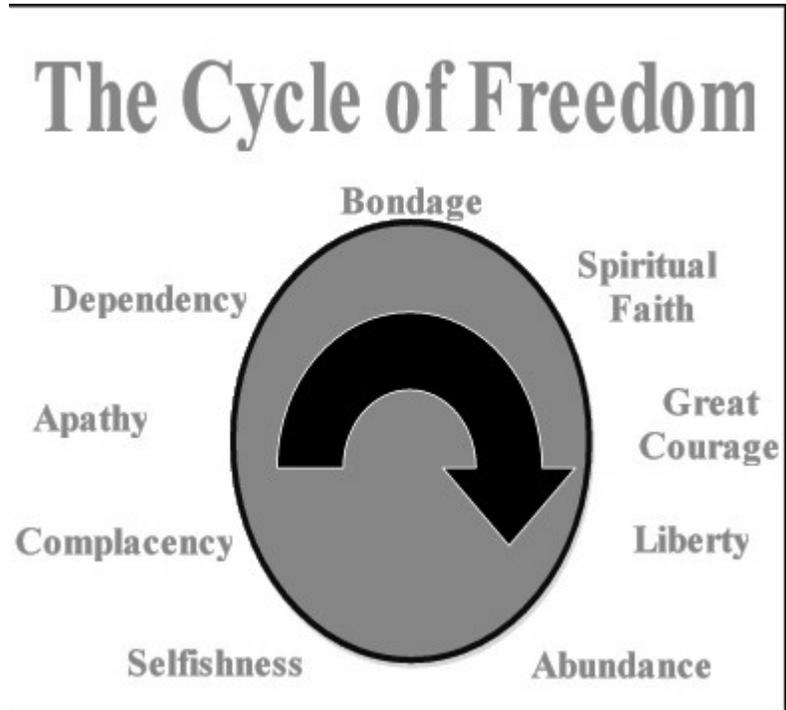
Would the old system collapse anyway? Was this all planned a long time ago? If there is a collapse how messy will it get? The infrastructure is the same as it was when the system was working fairly well, all of the resources still exist, what is changing is who is in control. All of these numbers that represent financial entities are created out of thin air, and their flow through the system is shifting the power structure. A poorly designed circuit will burn out when power becomes too concentrated in any one place.

A fiat monetary system can be used to manipulate imaginary money in such a way that over time real assets are acquired. The accumulation of these assets creates power.

There are many natural cycles, including, war cycles, financial cycles, and the cycle of freedom.

The arrow is pointing at our present position in the cycle.





- From bondage to spiritual faith
- From spiritual faith to great courage
- From great courage to liberty
- From liberty to abundance
- From abundance to selfishness
- From selfishness to complacency
- From complacency to apathy
- From apathy to dependency ← YOU ARE HERE
- From dependency back again to bondage

The frontier of physics has been steadily moving away from the idea of materialism for the last four or five decades and because of quantum physics and the information sciences, our understanding of reality is becoming more spiritual or metaphysical. Our connection to the true reality is a thin gossamer structure of faith and trust which is constantly assaulted by deception.

Physics is precise quantitative relationships between things.

"Emergence is a collective principle of organization that gives rise to a law, a relationship of measured things that is always true but the law vanishes away into nothingness when you examine little parts to see where it came from." Robert B. Laughlin

Separateness is a form of illusion. Our destinies are so intertwined that a little further down the road we will not be able to tell which path each of us took.

The idea of variation can be best illustrated through music. Once upon a time there was a group of musicians whose instruments included a harp, a drum, a flute, and a couple of voices. There is only so much you can do with this ensemble. We have grown from something like this to the modern orchestra,

which is capable of a full range of expressions spanning the depths and heights of humanity's dreams, struggles, tragedies, and triumphs in the most stunning and unforgettable terms.

In the mind of the great composer, perhaps it is we who are the notes in the great symphony.

Light is very much like notes in music. Light is very precisely tuned.

A person is like a musical passage in a great symphony. There is a little variation over time but the musical passage remains essentially unchanged, almost as if we were thinking about improvisation or Jazz music. Much of this variation is in understanding, and while novelty creates a pleasurable refreshing experience it is always anchored in our expectations from past experience.

When Jesus was crucified, he was the only one that understood. His trust in the Father was anchored in understanding. Everyone else was lacking in understanding. Light had come into the world but men love the darkness. This darkness is the chaos from the abyss. It is deception pulling on us from the next fractal iteration. The light coming out of the center of our reality pierces the darkness and is absorbed, creating all of the variation we see. Some are vessels of honor and some are vessels of dishonor

We are social creatures and even at a very young age beauty is an attraction. Our minds begin constructing models of the world that are referenced when perception takes place and beauty is a fundamental feature of this model making process. Recognizing beauty is instinctive.

I disagree with the idea that recognizing beauty is a survival mechanism having to do with reproduction. Appreciation of beautiful things has a very spiritual quality to it, and like so many spiritual things, it is really difficult to explain.

The spiritual world is a higher reality of truth, unity and love, while the material world is the world we perceive. Dreams and visions are not exactly manifested into our reality. They seem to reside in a space between these two worlds.

The reason that truth is the highest energy state of a system is because of the potential and the symmetry. From this singularity all possibilities branch out in a fractal pattern. This pattern between one and two dimensions can never quite fill up a two dimensional space. And when we are talking about a fractal that is between two and three dimensions, it can never quite fill up a three dimensional space. So these multi-dimensional spaces are all simulation. Let us assume that we have a large box (a three dimensional universe) and we place a tree inside of this box. As the tree grows, the chance that a branch will grow until it touches a particular point on the inside of this box is a fractal distribution of probabilities. This has something to do with the measurement problem. This must be a multi-dimensional wave packet of probability distribution. This probability wave has a variation in density depending upon your position in the intentional field, your position in the computational geometry, or in human terms, the number of times you repeat a particular action.

The anthropic principle implies that self organization is written into the fabric of reality.

Our choices are creating a [fractal pattern](#) that is branching out into the chaotic boundary of the abyss. They are the most numerous and the least significant. The light of truth is in the center.

If you are focusing on the darkness instead of the light, this is why you fail. I am alive, it is enough.

New age philosophy tells us that reality is a unified wholeness and each one of us contains this wholeness within us. If this were true, there would be no evil in the world. There is a fragmented or fractured aspect to our reality. We are not complete in and of ourselves.

Our manifested reality is a product of our collective choices. Our actions define us. If the universe is made of information then we are moving from a state of profound truth to a state of meaningless gibberish. This is the second law of thermodynamics. We are in the gray region between truth and uncertainty.

If I dropped a pencil and it landed on its point and just stood there pointing straight up, we would

immediately realize that something really strange was happening. The reason is, absolute perfection would be required. A balance of all of the atoms and all of their spins, including the air would be necessary. Nowhere do we see absolute perfection, it does not exist in our world. It is all simulation.

I could be wrong, however, my interpretation includes the idea that our reality has been shifted by [the tree of the knowledge of good and evil](#).

Adam was not mortal in the beginning and his perception of reality was different than ours. The fruit of the tree of knowledge destroyed his innocence.

If we look at the story of the garden of Eden for clues, we discover that when Adam and Eve ate of the fruit, it was a reality altering experience, to say the least. There are no perfect symmetries, there is no pure randomness, it is all simulation.

We do not see anything clearly.

The proud pretend that they understand.

The greedy fight over resources.

There is only one thing of value in this puppet show, the souls of men.

Truth has perfect symmetry. It looks the same from every angle and at every scale. It is the foundation of reality but we are moving away from the center of reality and because of emergence there is no way back. It is my sincere conviction that, Jesus is the only way back. He is the tree of life. There were two trees in the garden.

We are inside the time domain, from our observation, we have free will. God is outside of time and to God the same event looks like predestination.

The closer to truth website interviews leading physicist on the subject of emergence and symmetry. You should check it out.

<http://www.closetotruth.com/series/emergence-fundamental>

<http://www.closetotruth.com/series/why-do-we-search-symmetry#video-2582>

Does the law of gravity supersede the law of the balcony rail? The rail is not there to stifle your creativity, it is not there to hold you down, it is there to hold you up. If I say to you don't dance on the balcony rail and you say hey man give me my dignity, don't tell me how to live my life, I'm a rail dancer, man...

All I can do is warn you. It will make more sense when you're heading towards the pavement. It should be clear, the rail is the boundary between risky and non-risky behavior.

I think that the sustainable future will cost much more than even those in law enforcement realize. As an example, once the population has dropped to a sustainable level, the leaders will only need about 1,500,000 people to enforce the laws, for the entire planet. What this means is that 90% or more of law enforcement personnel will become expendable.

If you are in law enforcement, it is your responsibility to understand whose laws you are enforcing.

Remember the Nuremberg trials. There are, as [Phil Zimbardo](#) says, **seven social processes that grease the slippery slope of evil:**

- mindlessly taking the first small step
- dehumanization of others
- de-individualization of self (anonymity)
- diffusion of personal responsibility
- blind obedience to authority
- uncritical conformity to group norms
- passive tolerance of evil through inaction or indifference
- and that particularly in new or unfamiliar situations

Power without oversight is prescription for abuse.

In systems employing deceptions or lures to manipulate an outcome, the objective seems to be a consensus buy in, the payoff seems to be regret.

My strange discovery. It is probably nothing.

"Fractal Reality" in Jewish Gematria Equals: 826.

"Fractal Reality" in English Gematria Equals: 906.

"Fractal Reality" in Simple Gematria Equals: 151.

"Holy spirit" Jewish 826, English 906, Simple 151.

"Satan exist" Jewish 826, English 906, Simple 151.

Are all sins equal?

Does it matter?

What is a sin anyway?

You have to trust that everything happens for a reason and that God knows what he is doing.

If there is no God then there is no such thing as success.

If there is a God, then he should be capable of letting us know what is going on, however, there are no clear distinctions, so free will remains intact. It's your responsibility to find out. Have you made an honest effort to seek God?

This may be the most important thing you ever do.

In the hierarchy of thought the highest thought would be love. In the hierarchy of action the highest action would not be creation, because for creation, God only had to speak, but for redemption, He had to die.

Jesus is a curious mix of Deity and humanity. He is the Word. This to me speaks of DNA, the important thing is gene expression, the Holy Spirit provided the dominant genes. The Bible is also a curious mix of Deity and humanity. It is also the Word. It is like a hologram and Jesus is on every page. This speaks to me of the way, the truth, and the life. Did God remove the humanity from the Bible? I don't think so!

When I say that "we never see the truth, it is all simulation."

This is a statement about man's perception of reality.

We are trapped in a fractal maze (the tree of the knowledge of good and evil).

The idea is to understand God's perspective.

When we use words like Love, Truth, Life, The Way, and Light, it is important to understand that all of these words can be replaced by the name Jesus. The understanding of these words is very different from man's perspective than it is from God's perspective.

All of the trouble and confusion comes from man's perspective.

Man's perspective is the tree of the knowledge of good and evil.

God's perspective is the tree of life.

Man's perspective looks like free will.

God's perspective looks like predestination.

Man's perspective, everything looks gray and blurred.

God's perspective, everything is clear and well defined.

Man's perspective, nothing is absolute.

God's perspective, everything is certain.

Man's perspective, all possibilities branching out into infinity as the maximum amount of information.

God's perspective, unity which is pure, certain, and uncluttered.

Jesus was killed by the Law in every sense of the word.

This started the age of Grace, of which we have had a double portion.

Satan is really upset about this.

Satan is a lawyer, a really bad lawyer, and like all bad lawyers, he uses the law to his advantage.

A politician is, in many cases, a lawyer gone bad.

The highest political office in the world is held by Satan.

The last year of grace will probably be 5777.

The age of grace will end very suddenly and the law will return.

The accuser has something to prove and this will be like his day in court.

[The year of light, 5776. Rabbi Glazerson explains the code for 2015/2016](#)

It is better to discover the natural laws that govern society than to try to create man-made laws that will not work.

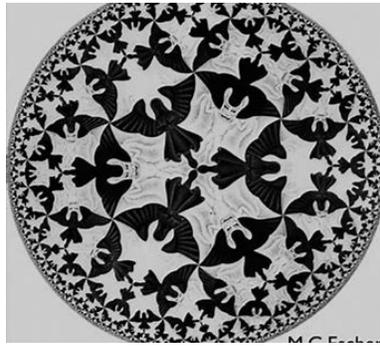
It has been said "YOU CANNOT LEGISLATE MORALITY" however, almost all man-made laws attempt to do this. All natural laws retain the balance contained within the scope of that law, no man-made law can do this. It is all about wisdom, understanding and love. God's laws are the highest form of this thing we call law. The idea of dignity is not permission to practice abhorrent behavior.

Abhorrent behavior is like a cancer that infects a community and must be discouraged. All souls are valued, all choices are dynamic, all hope is in Jesus.

We are moving in a particular direction and at some point a small group of very powerful people may want to make it legal to marry small children and goats.

Be watchful, the horizon is full of surprises. No century has been spared from trouble. It is better to know before hand what is coming.

## The Dynamic Nature of Choice



The purpose of this article is to present a hypothesis on the dynamic nature of choice.

I will borrow from [Barry Schwartz](#) and [Philip Zimbardo](#).

What neither of these men seem to have noticed, (although they are both brilliant), is the mathematical rule governing the social dynamics they are attempting to describe. This is reasonable because the mathematics of chaos is a relatively new field, that is poorly understood at this time. The good news is, interest in this field is growing rapidly.

*"Practical wisdom," Aristotle told us, "is the combination of moral will and moral skill." A wise person knows when and how to make the exception to every rule.*

*Rules and incentives or "sticks" and "carrots." We passed a bunch of rules to regulate the financial industry in response to the recent collapse. There's the Dodd-Frank Act, there's the new Consumer Financial Protection Agency that is temporarily being headed through the backdoor by Elizabeth Warren. Maybe these rules will actually improve the way these financial services companies behave. We'll see. In addition, we are struggling to find some way to create incentives for people in the financial services industry that will have them more interested in serving the long-term interests even of their own companies, rather than securing short-term profits. So if we find just the right incentives, they'll do the right thing -- as I said -- selfishly, and if we come up with the right rules and regulations, they won't drive us all over a cliff. And Ken Sharpe and I certainly know that you need to reign in the bankers. If there is a lesson to be learned from the financial collapse it is that.*

*But what we believe, and what we argue in the book, is that there is no set of rules, no matter how detailed, no matter how specific, no matter how carefully monitored and enforced, there is no set of rules that will get us what we need. Why? Because bankers are smart people. And, like water, they will find cracks in any set of rules. You design a set of rules that will make sure that the particular reason why the financial system "almost-collapse" can't happen again. It is naive beyond description to think that having blocked this source of financial collapse, you have blocked all possible sources of financial collapse. So it's just a question of waiting for the next one and then marveling at how we could have been so stupid as not to protect ourselves against that. Barry Schwartz*

What we are dealing with is the dynamic behavior of power and influence over self interest as it is described in game theory.

*"So game theory is a branch of, originally, applied mathematics, used mostly in economics and political science, a little bit in biology, that gives us a mathematical taxonomy of social life and it predicts what people are likely to do and believe others will do in cases where everyone's actions affect everyone else. That's a lot of things: competition, cooperation, bargaining, games like hide-and-seek, and poker." Colin Camerer*

Chaos theory tells us that there is no linearity in the social interaction that can be easily predicted however there will be a symmetric pattern of behavior but the symmetry is that of scale. Things like "strange attractors" will pull at the dynamics so that in a particular system, if you know what to look for, you can make reasonably good, educated guesses. *Carlo Bueno de Mesquita* has done this very successfully.

From my research, It appears that good and healthy outcomes are harder to come by because they require a much finer tuning by those with power and influence. The actors would also need to be capable of seeing the benefit of a particular course of action, which will be influenced by a wide range of interconnected actions leading to different but related outcomes. What we end up with are shades of gray. We need to move in the direction of the light and avoid the darkness. Getting everyone on-board would require an amazing amount of wisdom. Who is wise enough to do this? The dynamics of the system always cause bad outcomes to escalate quickly and good outcomes to gradually increase. This is where chaos theory has the best chance of describing the phenomena. I have not seen an equation that describes this, but I am still looking.

A good start would be to begin acquiring a set of tools to analyze and implement change for the good, while at the same time carefully monitoring the outcomes. In this, time would be the enemy. There never seems to be enough time.

*What we desperately need, beyond, or along with, better rules and reasonably smart incentives, is we need virtue. We need character. We need people who want to do the right thing. And in particular, the virtue that we need most of all is the virtue that Aristotle called "practical wisdom." Practical wisdom is the moral will to do the right thing and the moral skill to figure out what the right thing is. So Aristotle was very interested in watching how the craftsmen around him worked. And he was impressed at how they would improvise novel solutions to novel problems -- problems that they hadn't anticipated. So one example is he sees these stonemasons working, and they need to measure out round columns. Well if you think about it, it's really hard to measure out round columns using a ruler. So what do they do? They fashion a novel solution to the problem. They created a ruler that bends, what we would call these days a tape measure -- a flexible rule, a rule that bends. And Aristotle said, "Hah, they appreciated that sometimes to design rounded columns, you need to bend the rule." And Aristotle said often in dealing with other people, we need to bend the rules.*

*Dealing with other people demands a kind of flexibility that no set of rules can encompass. Wise people know when and how to bend the rules. Wise people know how to improvise. The way my co-author , Ken, and I talk about it, they are kind of like jazz musicians. The rules are like the notes on the page, and that gets you started, but then you dance around the notes on the page, coming up with just the right combination for this particular moment with this particular set of fellow players. So for Aristotle, the kind of rule-bending, rule exception-finding and improvisation that you see in skilled craftsmen is exactly what you need to be a skilled moral craftsman. And in interactions with people, almost all the time, it is this kind of flexibility that is required. A wise person knows when to bend the rules. A wise person knows when to improvise. And most important, a wise person does this improvising and rule-bending in the service of the right aims. If you are a rule-bender and an improviser mostly to serve yourself, what you get is ruthless manipulation of other people. So it matters that you do this wise practice in the service of others and not in the service of yourself. And so the will to do the right thing is just as important as the moral skill of improvisation and exception-finding. Together they comprise practical wisdom, which Aristotle thought was the master virtue. Barry Schwartz*

A key principle is service to others, but according to game theory, behavior is usually influenced by self interest so, we must find ways to combine these. In any group you will have 10% rule breakers and innovators, you will have 10% rule followers and conservatives, and you will have 80% following the herd or going along. All of these groups are essential. They should be identified and utilized for their

natural talents. The 10% rule breakers and innovators need the most attention. If they are in a position of power and influence, it becomes even more important. How does the system as a whole affect the behavior of the individuals?

*So how do psychologists go about understanding such transformations of human character? There are three ways. The main way is called dispositional. We look at what's inside of the person, the bad apples.*

*This is the foundation of all of social science, the foundation of religion, the foundation of war. Social psychologists like me come along and say, "Yeah, people are the actors on the stage, but you'll have to be aware of what that situation is. Who are the cast of characters? What's the costume? Is there a stage director?" And so we're interested in, what are the external factors around the individual -- the bad barrel? And social scientists stop there, and they miss the big point that I discovered when I became an expert witness for Abu Ghraib. The power is in the system. The system creates the situation that corrupts the individuals, and the system is the legal, political, economic, cultural background. And this is where the power is of the bad-barrel makers.*

*So what are the seven social processes that grease the slippery slope of evil?*

*Mindlessly taking the first small step.*

*Dehumanization of others.*

*De-individuation of Self.*

*Diffusion of personal responsibility.*

*Blind obedience to authority.*

*Uncritical conformity to group norms.*

*Passive tolerance to evil through inaction or indifference.*

*And it happens when you're in a new or unfamiliar situation. Your habitual response patterns don't work. Your personality and morality are disengaged. "Nothing is easier than to denounce the evildoer; nothing more difficult than understanding him," Dostoyevsky tells us. Understanding is not excusing. Psychology is not excuse-iology.*

*So social and psychological research reveals how ordinary, good people can be transformed without the drugs. You don't need it. You just need the social-psychological processes. Real world parallels? Compare this with this. James Schlesinger says, "Psychologists have attempted to understand how and why individuals and groups who usually act humanely can sometimes act otherwise in certain circumstances." That's the Lucifer effect. And he goes on to say, "The landmark Stanford study provides a cautionary tale for all military operations." If you give people power without oversight, it's a prescription for abuse. They knew that, and let that happen. Philip Zimbardo*

That is how we plunge into the darkness. It is amazingly fast and dynamic, a bifurcation point, everyone is reacting and no-one is being proactive and stopping the process and saying hey, what the hell just happened.

*So you need a paradigm shift in all of these areas. The shift is away from the medical model that focuses only on the individual. The shift is toward a public health model that recognizes situational and systemic vectors of disease. Bullying is a disease. Prejudice is a disease. Violence is a disease. And since the Inquisition, we've been dealing with problems at the individual level. And you know what? It doesn't work. Aleksandr Solzhenitsyn says, "The line between good and evil cuts through the heart of every human being." That means that line is not out there. That's a decision that you have to make. That's a personal thing.*

*So I want to end very quickly on a positive note. Heroism as the antidote to evil, by promoting the heroic imagination, especially in our kids, in our educational system. We want kids to think, I'm the hero in waiting, waiting for the right situation to come along, and I will act heroically. My whole life is now going to focus away from evil -- that I've been in since I was a kid -- to understanding heroes.*

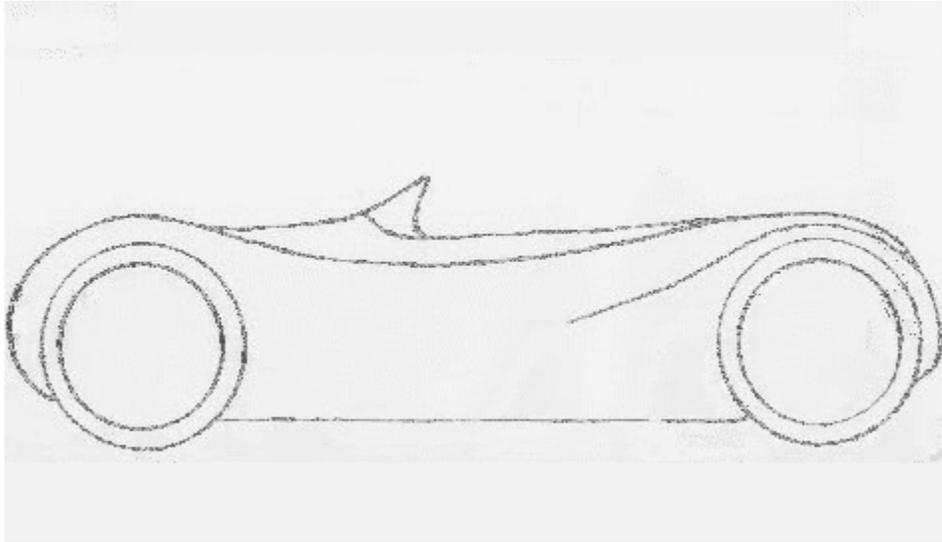
*The same situation that can inflame the hostile imagination in some of us, that makes us perpetrators of evil, can inspire the heroic imagination in others. It's the same situation. And you're on one side or the other. Most people are guilty of the evil of inaction, because your mother said, "Don't get involved. Mind your own business." And you have to say, "Mama, humanity is my business." Philip Zimbardo*

So, What can we take away from all of this? What is the point? Why should I bother?

Your choices matter, in fact, they are so dynamic at times that they will create a butterfly affect that will ripple into the future and create tremendous outcomes. It might be for great good or great harm.

We are all on a journey. we are all headed somewhere. The reason for the journey is connections. You have to be present. You have to keep moving. You have to keep growing, and learning, and most importantly, you have to care.

## Design principles for the car



The predominant use of the car is to move people. The average payload is about 250 pounds, while the average car weighs 4000 pounds. Most of the fuel is wasted moving itself.

The things that kill efficiency are weight, the compression stroke, the valve train, the transmission, the differential, rolling resistance and air resistance.

So:

A car should weigh as little as possible.

The shape of the car should be sleek.

The tires should be tall and narrow.

The engine should be as small as possible.

There should be no transmission.

There should be no differential.

How is this possible?

Using light weight materials and geometry, the passenger area needs to be stiff with extended areas for crumple zones.

Smooth wind cheating body without the abrupt change in windshield angle.

Motorcycle tires have very little rolling resistance.

A 400cc engine would produce plenty of power for a light weight car.

Instead of a transmission the engine should be mated to an alternator.

Direct drive motors would power the wheels and should include regenerative braking.

There should be just enough battery to make up the difference between power demand and power produced.

The engine should be programmed to run at optimum efficiency.

The programming should include predictive analytics. In other words the computer learns to make the best choices.

I would like to add universal connectors and sub-assemblies.

# Recording and Mixing Music



In a sonically dense mix, each element of the mix must have its own space in the stereo field or the spectrum of frequencies. Similar instruments like piano and acoustic guitar will eat each other if they do not have their own space. Do not be afraid to experiment, let your ears be your guide. Also let the song dictate what it wants to be. Someone else's opinion might be helpful or it might be harmful. I like to mix the drums from the drummer's perspective, with a pair of piezo mics stuck together on a small plate just above the drummer's head, pointed down at the front of the bass drum because it gives you two perfect hemispheres, making a perfect stereo image and then I pan all the other drum mics to agree with the overheads. The small plate ensures that the mic's only picks up the higher frequencies of the cymbals. The larger the surface a piezo mic is on, the lower the frequency it can pick up. So you can adjust the range of frequencies the mic picks up by altering the size of the plate. If you want a good sounding drum recording you must use a good sounding drum set. I like using Royer ribbon mic's for horns, I also use Royer's hand built tube mic's for acoustic guitars and vocals.

Best room size 10'x16'x26' or larger (keep the same ratio 1 x 1.6 x 2.6) with a dead end (heavy drapes with deep pleats, foam panels, and a big sofa or two and carpet). The other end of the room should be a little more live, (wood floors and wall panels), a totally dead room doesn't sound good. Walls should not be parallel nor should the floor and ceiling. If the walls are parallel, you will get standing waves. Five or ten degrees off of parallel will minimize this problem. Add broad band "porous absorber type" bass traps, and never use fluorescent lights, they will add noise to the recording. Float the walls on rubber and the float the floor on sand. Float a separate floor for the drums at the wider corner in the back (dead end) of the room. The air conditioning should have multi-layer duct work to prevent sound from bleeding through. The cold air should enter the room over the drummer and return through the ceiling at the other end of the room. Walls should be multi-layer plywood, drywall, celotex foam, drywall, on both sides of the staggered 2x4 frame on 2x6 footing. Bevel edged solid core door, with felt and rubber gaskets. Window should be sound glass, with two panels, set in a vee shape, as far out of parallel as possible.

Three to one rule: If you use two mic's on a source, make sure the second mic is at least three times as far away.

Record the entire band together with a scratch vocal to get the best feel. I would tent the guitar cabinets to isolate them from the drums. You should start mixing on the fold back channels while you are tracking and you will probably be done mixing by the time you have replaced the vocal tracks.

Record the bass and drums together. Use a direct box if there is too much bleed from the cabinet then use the recorded direct track later, to produce the cabinet track. Don't forget to line these two tracks up with a digital editor, The cabinet will lag behind. A Sennheiser 421 is a good choice for the cabinet mic.

Condenser mics have a quick response and are not so good for drums, dynamic mics work better.

SM57 for snare pointed away from the high hat peaking one inch over the rim for the snare (pointed at the drummer's right knee).

Sennheiser 421 for the toms peaking over the rim angled down at a spot about 1/3 of the way across the head.

AKG D-112 inside the kick drum, ten inches from the head pointed at a spot half way between the edge and the center of the head. Rotate the mic down toward the floor if you are getting too much beater.

Line the bottom of the kick drum shell with a goose down pillow.

Condenser mics work well for overheads which would mainly consist of capturing the cymbals.

SM 57 pointed at the guitar amp speaker half way between the center and the edge as you roll the mic off axis (towards the ceiling) you will notice the highs diminish and as you move the mic toward the edge of the speaker the same thing will happen, the highs roll off.

Use a large diaphragm condenser mic for acoustic guitar. Point the mic at the spot where the neck meets the body angled down a little. You can use another large diaphragm condenser mic for the vocal pointed up a little. Remember the three to one rule.

These are all starting points for positioning the mics. Moving a mic one inch can have a huge effect on the sound. Have someone move the mic slowly while you listen to the result until you get the best sound.

Use a compressor to limit the signal near the ceiling for digital recordings you should get close to the ceiling but never, never hit it. Use compressors sparingly, it is easy to over compress.

You can use EQ on the foldback but do not print EQ until you are mixing.

Good luck

# The Abundant Fluidity of Stupid

If it has universal appeal, stupid is involved.

The unlimited power of stupid. Stupid always drives the system in the wrong direction.

Stupid as an infinite recursive iteration: Stupid on top of stupid, multiplied by stupid and raised to the power of stupid.

Do not pride yourself on being clever. You can be clever and still be a fool but there is no such thing as a wise idiot.

There is no natural defense against stupid.

Distance is the only defense against stupid.

Timing is often the difference between brilliance and stupidity.

I would like to start a political party to run against the Democrats and the Republicans. This party would be called LUNDAS; Let Us Not Do Anything Stupid.

Stupid as it relates to the fitness landscape. Being wise creates fitness and being stupid destroys fitness. A person can be very clever and still be stupid. There is a nested hierarchy of behaviors from the individual to the family, and so on, all the way up to the culture in the region where they live. How fit is the landscape of this culture? How many wise people have an influence? How many stupid people are allowed to run roughshod through the community?

Damage control; the level of damage varies with the level of stupidity. 1. Intellectual stupidity, lower level. 2. Emotional stupidity, mid level. 3. Spiritual stupidity, highest level of damage.

Could "stupid" be driving the system? I can guarantee you that "stupid" is involved. The fitness peaks in the landscape require a larger percentage of win-win scenarios engineered by intelligent agents, but the evidence is overwhelming that the system is being driven by selfish, ego-maniacs that have little or no emotional intelligence or spiritual awareness (stupid).

At some point, you would think that the intellect would mature enough to prevent emotional stupidity from manifesting. In other words, intellectual prowess can be insufficient in preventing emotional stupidity from shining through.

This concept is difficult to describe however, all creatures have a right to be left alone, but we are all part of some culture. This culture generates a field. This field exist in another realm, on an emotional or spiritual plane. How much stupid is in the system I cannot say but the more stupid there is in the system, the more the turbulence, which pulls the system

down. I feel it, and if I try to explain my position to someone, they always internalize it, and make it all about them.

Of all the powers contained in the mind of man, stupid is the greatest. Stupid can turn the world upside down.

You can't escape stupid, stupid will follow you to your grave.

I'm not against government, I'm against bad government and I'm really against stupid government. If the people in power, the people in control, understand the system only just enough to exploit it, then what we will eventually end up with is a catastrophic loss of fitness in the system.

It is possible to overthink almost any subject and by the time you are finished over-analyzing it, you have a different animal. The value of simple is clarity, the value of clarity is practical application. If you want to apply a principle to your life keep it simple stupid.

Stupidity has the unfortunate habit of appearing when you least expect.

The thing I fear the most, the thing that is capable of the most damage is, unrestrained stupidity.

Since we have been given the gift of free moral agency, we are required to take on the responsibilities included with this freedom, each being responsible within his sphere of influence. To promote dignity and well being among all men as is our moral duty. To ignore or deny moral responsibility is a cancer to any society. No man is an island and if our brother suffers, we too will certainly suffer. Our hope is peace, founded in love and good will towards all men. We are not required to suffer the fool. When a fool rises up to promote his form of stupidity, he must be brought to justice, else we all suffer.

The angels are fascinated by freewill, they do not understand it. They watch us very closely and wonder at the beauty, boldness and stupidity.

If you want to get rich, figure out a way to monetize stupidity.

The idea of liberty is not to allow my neighbor to behave in a stupid or irresponsible manner. If he is hell-bent on his own destruction, I am not required to let him take me down with him. Our form of government will only succeed as long as we are guided by our moral compass and exercise practical wisdom. Any society that thinks it can remove all moral constraints is doomed to the whims of debauchery.

Should we be training psychopaths to be experts at manipulation. There are certain positions that psychopaths gravitate towards and these are exactly the places where they can do the most damage. As a society, we need to be smarter than this. We cannot afford to let stupidity reign. The best evidence of unsophisticated ideas is the behavior that follows.

Stupid is unpredictable but unpredictable is not necessarily stupid. The best gauge for stupid is its effect on the health of the system. Stupid has this quality of always being

destructive, messy, unhealthy and pointless.

Does evil exist? Is there evil in the world? If we replace the word evil with the word stupid then the answer would be Yes.

We should look at everything to see what makes the most sense. It is the things we ignore, that make us ignorant.

An insufficient level of awareness is indistinguishable from ignorance.

Ignorance is, not learning from your mistakes. Intelligence is, the ability to navigate the fitness landscape. Wisdom is, the ability to maximize the health of the fitness landscape.

The idea that social engineers understand the human condition is fatally flawed and their conclusions will only result in a further deterioration of the social fabric (blow back, etc...). The more incompetent you are the less you realize it. We are talking about a system that is so complex that it makes weather systems look simple. We cannot predict what the weather will be in thirty days, we can only give a range of behaviors. It is even more difficult with social systems. Especially if you ignore the spiritual component.

Deception is an ever present, pervasive influence on the social fabric, generating illusions and expressions that mystify and bewilder. Most do not understand what they are looking at or simply ignore the ramifications, that we are somehow involved in our own deception.

The greatest stupidity in man is not his arrogance or ignorance, it is failing to realize who he is (lack of awareness).

Further Reading:

[Survival Of The Stupidest](#)

[The Basic Laws of Human Stupidity](#)

[STUPIDITY: A MAJOR OBSTACLE TO LEAN MANAGEMENT](#)

# Forgetting To Fail

Everyone lies for different reasons I guess, but they all lie at times.  
It was not fair, not this time, this was too important. How could she do  
this? Had she no heart?

Diana was not just beautiful, she was stunning, she would light up a room  
with her presence, people would actually stop talking when she entered.  
Not only that, she was clever and charming, and she could read people  
like no-one Eric had ever met. Her advice was often headed, and her  
desire seldom ignored.

She was slipping through his fingers, and he was helpless to stop it.  
Temptation seemed to be at the heart of the matter. She saw herself as  
sensible, but some things can't be resisted. Some opportunities come so  
infrequently and look so good that to miss one would be unbearably  
regretful, but still she didn't have to lie.

Eric watched her step into the limo, the door was closed, and she was  
gone. There are principles involved. The cost of some things is just too  
high. He had to reevaluate what was important to him.

Eric was not the kind of person who could just shrug things off. He liked  
to think he understood the value of keeping a good attitude. He resolved to  
not let this defeat break his spirit.

What ever comes of this must be the consequence of forces at work  
beyond his control but he would hold to his convictions. He made his way  
back upstairs. He removed the small box from his pocket, set it on the  
the table beside him, and reached for the phone.

Jim are you busy just now?

No, came the voice from the other end, how did it go?

Well, I'd like to say everything went great, but the fact is she's left again.

Eric, what do you say we get a drink?

Might not be bad.

You know getting engaged right before you leave is not the best way to  
endear yourself to your fiance.

Yes but Diana and I have discussed this many times. She has shown quite  
a bit of interest in my work lately and feels this is worth the inconvenience  
of being apart for a while.

When I get back I'll make it up to her, if I can win her back.

Well, you're leaving in two days.

It would be better if he felt nothing. Pain keeps the injury from being even  
worse. It is a brave thing to love, to desire, to risk and maybe fail. It seems  
that youth brings to us only the promise of love but delivers instead,

competition. He wished he could come up with a really good reason to postpone the trip.

You go through life thinking things will just keep getting better, sure you have a few setbacks now and then, but your going in the right direction. The whole country's ridin' this train and then blam, you've got one hell of a train wreck. You can't prepare for a train wreck, what are you going to do, change seats? No-one was ready for this, and everyone is scrambling to pull out of it in one piece.

Hi Diana I'm sorry to call you so early I...

Eric, I,m just running out the door can you call me later?

Yeah, sure.

OK, bye.

Goodbye.

The day was spent preparing for the work that awaited him in the Arctic Sea. The untold wealth of the greatest oil and natural gas reserves ever found. At least six countries were vying for the rights to this goldmine, and he was going to be right in the middle of it.

Hi Diana, We need to talk. I have something I have been wanting to ask you.

Eric, I know what you are going to ask me, but I'm not ready. When you come back in October maybe we can pick up where we left off, OK?

Look I don't want this to be the biggest mistake of my life.

You're not doing anything wrong, I'm just not ready, OK?

OK, I'll talk to you soon.

Alright, goodnight.

Goodnight.

Eva had the delicate, fragile beauty of youth, but she was not so innocent. She knew what she wanted and was capable of getting it, at least most of the time.

She had a spirit that was at times quiet and contented but also punctuated by moments of visceral chaos. She too had business in the Arctic Sea representing the interest of some very wealthy people who were not above bending the rules when it was necessary.

Eric didn't realize the extent of the challenge he was facing, this woman was going to make trouble for him.

Look we have been over this before, didn't you get my message?

You have seen the maps, you know the situation.

Yes, miss...

Call me Eva.

Yes Eva, I understand. I was told that a solution had been worked out.

We do not see this as a solution. My country has used these waters and relied on its resources for hundreds of years, longer than your country has been around.

Perhaps we could talk about this over dinner.

I am a very busy woman.

I haven't had a good meal since I arrived. Couldn't you help me? I understand the hospitality of Russian women is second to none.

I know a good place.

Splendid, six o'clock then.

Yes.

Eric could not be angry at Eva but neither could he make any progress in the way of some resolution. The conversation was mostly light.

In Russia we have a saying, "as long as the sun shines one does not ask for the moon"

Where would I be today if I did not ask for the moon?

Maybe you would still be in America.

Yes he would probably be at home. His thoughts turned to Diana...

We have a saying too, "Romance is the spirit trying to break free of the flesh, and each little piece that escapes is an expression of love.

You are making that up.

No.

Yes.

Yes. I'm making it up.

Well even though we haven't made any progress yet, I have enjoyed this time together. Can we do this again soon?

I would like that.

Eric went back to his hotel. He could not get Eva off of his mind. This woman had a passion that she clearly could not keep bottled up. Trying to get some sleep was turning into a problem.

Jim called.

Look, I've found out what Diana has been up too. It seems she has been leaking information to one of our competitors, your deal is about to fall through unless you can pull off a miracle.

The will is in conflict with the spirit the heart is in conflict with the mind. Sometimes letting go is the only solution.

Hi Eva are you busy? Look, I don't want to talk about business I just want to talk. Will you have a drink with me?

I can manage a little time, can we meet in an hour.

OK, great.

Love has a way of finding people, and as is so often the case, those involved only have the illusion of choice. No place is out of bounds, and no-one is immune.

I know we got off to a rough start but we both want the same... oh I promised not to talk about business.

It's OK, I think you are right we don't have to be competitors, by the way I like what you said about romance. You know I am a very romantic person, and I find that I am attracted to you.

You are attracted to me?

Yes, very much.

I don't know what to say, thank you?

You are not attracted to me?

Oh, I am very attracted to you but, well, it's complicated.

It is another woman, yes?

Yes.

You cannot forget this woman?

Not enough time has passed since...

I will make time for you if you will do something for me.

What would you like for me to do?

Can you demonstrate this theory of romance you have. I want some of these little pieces of your spirit that are trying to escape.

You are serious?

I am always serious.

The first kiss, when it is real, when it has the full attention it deserves, is truly a mystical experience. They both felt it, they both understood, there was no going back.

Well this could get awkward.

It does not have to be awkward darling, maybe we can use this as an opportunity to resolve our differences. You know what the French say?

The French, what do they say?

Viva la difference.

Yes, I have heard this.

Without firing a shot, a battle can still be won, if you know your opponent, but if your opponent becomes you lover then you are going to need different ammunition.

We are all on a journey. we are all headed somewhere. The reason for the journey is connections. Some of us carry scars. The scars remind us to watch out for things like landmines, potholes and the occasional sharp pointy object. No-one is going to beat a path to your door. You have to be present. You have to keep moving. You have to keep growing, and learning, and most importantly, you have to care. Only deeply broken people destroy connections. Deeply broken people are falling or just about to fall into the abyss. Trying to catch them before they fall can be tricky.

The memory of Diana slowly faded as their paths diverged, sometimes to mingle and intertwine and then diverge for a final time. Now it is mostly impressions that he remembers and in these comes peace from understanding.

Love has intruded upon circumstance and will not be ignored, Eva will always be for him his true love. Their path branches out into infinity and connects with all of the possibilities that promise brings.

# Burden

*Yea, though I walk through the valley of the shadow of death,  
I will fear no evil: for thou art with me;*

For too long has the road twisted this way and that. It is impossible to predict what will happen from one moment to the next. Few have shown any compassion to a weary traveler such as myself. Many have sought to profit from my despair. I do not give them cause to hate me, I suffer their scorn but continue.

It is said that the worst of the road may offer clues, it is whispered any fork in this region may be the last. My concern is only for the future, as I am ever watchful of the colors and textures in the scenery ahead.

I was a builder once, I was also a beggar and a drunkard for a time. I did not need to make careful choices, or so I thought. As I live and breath, I consider every choice carefully in this place, to do otherwise would be folly.

Desire has its place among the young, and for the most part it has left me. I consider mercy a better pursuit, and so it will be for me a constant reminder to keep moving.

I have heard of healers taking this road, some returned with strange tales of destiny, redemption, and visions of the end, but most never returned. I do not know how to heal. If my wounds can not take care of themselves then I will have to carry them with me.

I must make peace with my maker, I must distance myself from from my past, I must follow the road set before me, and amend my mistakes if I can.

There are many children here, they are very clever, they are not disciplined and are capable of anything. I keep my conversation with them short and polite. I have nothing they want. Could I help to save them? Should I warn them of coming judgment? I have tried this before, it is a dangerous business.

Then there are the conjures and merchants, one creates nothing out of thin air, and the other tries to sell it. You can waste hours trying to get the best deal, but in the end if you can't eat it or wear it, you probably don't want to carry it. Lately I've been traveling light.

My goal is my destiny, I hope at some point they will converge. I have a feeling I'm supposed to learn something, gain something, remember something, or forget something. There are landmarks and distractions, I quickly pass by one, and ignore the other and everywhere apathy like a disease. Some people are careless, and some could care less, but all of them hinder my progress unless, helping them could be my purpose. I am beginning to understand them, but to do this you have to ask the right questions, and then you have to listen to the answers, really listen. They

want to feel as though their life counts for something, that they are here for a reason. Some are crazy, with answers that defy logic, and some are being pulled into the abyss, and don't respond well to questions. They are best left alone.

I am told traders past this way recently, and being what they are they didn't last long. Traders don't understand the true value of anything, and so all they brought to trade was death.

I come to another fork in the road, and this one is guarded.

Choose a burden!

I don't understand I said.

If you wish to continue, choose a burden.

Whose burden shall I choose?

I can not advise you on this matter he said, you must choose quickly.

If I choose poverty, I will starve.

If I choose charity, I will never complete my work.

If I choose to try and save the environment, who is there to help me? Surly

I will fail.

I will choose love.

Do you think that love is a burden? He asked.

Oh yes, I said.

When done correctly.

Love needs no explanation, what love needs is expression, action, a face.

In all of the world there is nothing so wonderful and so mysterious as love.

Religion is always grasping at, and grappling with this concept. Religions do not point the way. Religions cause division, that is why there are so many religions.

Religion exists only in the material world. Religion seeks to explain the spirit in material terms.

Love in its purest form is spiritual, and only its expression exist in our world.

You are the conduit of love.

We live in the realm of choice, the dimension of time.

The timelessness of love cannot be stored, saved up and hoarded like gold.

Little pieces can be given away, and like a vapor they are gone, and so we must continually tap into the spiritual world if we wish to express love.

The enemy of love is apathy. It is like a black hole into which everything spiritual falls.

Apathy, like a black hole continues to grow, and its influence becomes greater and greater until finally there is nothing left.

If you can see the conflict and you wish to arm yourself, choose love.

I am granted progress.

As I continue past him he says to me " I grant you the gift of confusion."

Wow!

I wonder what that's supposed to mean.

When I was young my desire for love was strong, so strong in fact that I

spent more time with a broken heart than anyone else I knew. I wanted to love but didn't know how. Here I have lots of time to practice, and many chances to get it right. What I do with my time is my business, and my profit will last beyond all time.

It is not without a certain trepidation that travelers such as myself discard their conventional weapons. I have, from a very early age been taught to rely on these weapons, but the choices that worked in that world are not necessarily wise in this one. Broken weapons lie scattered along my path, some with bodies still clinging to them. I can not identify an enemy without becoming one, so I try to stay positive and hope for the best. Any who have traveled this far would probably appreciate some assistance, and if I am able, I will do what I can for them. If not, I will try to direct them to some distant solution.

After a careful assessment of what is really important, I find that trust has really moved up on my list. I have decided that I will risk small pieces of value in order to know when a larger portion is appropriate.

Again I am reminded that this is a mortal path. Where is the beauty? How can I smell the roses? I haven't seen one in the longest time. I remember what they smell like. I also remember the last smile my wife gave to me. I didn't know at the time just how precious it was. I have kept it safe. It is very close to the top of my list.

For some time now the road has been nearly featureless. I am left with only my thoughts. I have begun talking to myself quite a bit, and I do not like what I am hearing. I wonder how time consuming it would be to reorganize my memories. What if I inadvertently place something from a dream in with my personal files? Might not be bad, maybe a mix of what ifs thrown in for good measure. If I am not making progress it isn't for lack of moving. I have to assume that any forward motion in this place is progress. It is when I stop to rest, that I start to worry.

An idle mind is the devils playground. He is here somewhere, and I will have to sneak past him.

It has been said that he is neither in the bar nor in the church, but lurking along the fence line between them. If I see that stupid fence I will give it a wide berth.

The idea of success has bothered me lately. If you ask ten people what success is, you will get eleven different opinions. I think success is very closely linked with my creator. He is my success. I am not completely sure but I think I am either following him, looking for him, or being guided by him, and that is how I ended up here. I realize that this doesn't make sense, perhaps you too have been granted the gift of confusion.

*And to hear the thunder which pours and fills the spaces between the spaces.*

Night is the time when the sound of the sky is the most intense. There is a concentration of power that cannot contain itself. It builds, but does not stretch. It appears suddenly, but does not linger. It strikes, but has no purpose. Hiding is futile, luck may prove to be the deciding factor.

You cannot measure time in the night, nor should you. There are more important things to consider, such as survival. Surviving is not the same as

living, and living is not the same without love. To love, to truly love, is to completely lose yourself in another. If you love the right person, they will know the way. The heart of the matter is connections, the cultural filaments that weave us together. I am bound to my wife, and she to me, and we to our families, and so on. All of our lives are bound to one another, and influence our fate or destiny, whether we choose to believe it or not. If you will a thing to be, does it make it so? We bend our will to our prejudice, and truth flees in despair.

It is by this paradox that I continue to exist.

My force of will keeps me moving, my force of will holds me back, my force of will guides my missteps, and reminds me of my mortal path. I cannot trust in myself, I must trust in my creator, and by force of will take my next step. This nebulous, untrustworthy, will.

The arrow of time is pointing down, and most of the paths lead to the abyss. There are only a finite number of choices that can be made in one lifetime, but every choice branches out into infinity. How then can I surrender my will to my creator?

Lord take this destruction away from me, as far as the east is from the west, and lay my sins at the foot of the cross, that I might be found worthy to partake of the marriage supper of the Lamb. To dwell in thy Kingdom forever, amen.

# What is Democracy?

Those that control the definitions steer the culture as they please.

"Democracy is two wolves and a lamb voting on what to have for dinner. Liberty is a well armed lamb contesting the vote." Benjamin Franklin

While you may think that Democracy is a good thing, it is certain that it will not last. In fact the average Democracy will usually last no more than about fifty years. So why have we lasted so long? It is simple, we are not in a Democracy, we are in a Constitutional Republic with the rule of law, but even this will not last. A Republic will usually last no more than two hundred years.

There are natural cycles in play that most do not know or care about and for the most part no-one really understands them. There is a turbulence in the system that shapes the culture in ways that are hard to measure. It starts with the smallest part of society (the family unit) and moves into larger and larger spheres of influence. While there are stronger forces at play in the larger spheres, much of the really important influence is happening at the fundamental level, the family. It is probably the consensus agreement at this level that makes the biggest difference. So you would expect those controlling the larger spheres would want to manipulate the thinking of the average person in order to steer the culture in a particular direction. The problem with this approach is the dynamics involved create feedback loops that no-one understands but this does not stop them from trying.

We are hearing a lot of talk about Democracy this, and Democracy that, but why are they pushing the idea of a Democracy? What is the purpose? If you are in a Democracy then the influence in the culture is a kind of mob rule that can be controlled by persuasion, but if you are in a Constitutional Republic with the rule of law, everyone has to obey the laws including those at the top and this does not seem to be happening anymore.

We will continue to hear a lot of talk about Democracy but remember this, when these systems go down it is messy and expensive and no-one is spared. No matter who you are, you can expect trouble. I do not understand why those at the top would want to move us into such turmoil, but it is coming and there is no way to avoid it.

We dissolved into a blur of activity, few realizing the significance their part would play in the end. As the vortex gained expression it began to consume the less fortunate and some were thrown out into the nothingness, being more disposed to the fringes of our culture.

“First, when the prince ceases to administer the State in accordance with the laws, and usurps the Sovereign power. A remarkable change then occurs: not the government, but the State, undergoes contraction; I mean that the great State is dissolved, and another is formed within it, composed solely of the members of the government, which becomes for the rest of the people merely master and tyrant. So that the moment the government usurps the Sovereignty, the social compact is broken, and all private citizens recover by right their natural liberty, and are forced, but not bound, to obey.”  
Jean-Jacques Rousseau

**Theoretical and Philosophical Foundations For Understanding Conflict and Violence**

# The Warrior Doll

This story takes the form of the American Indian Legends, except that it takes place many, many, years into the future.

Night had come, the long dark cold. There was no time to prepare. She clutched the warrior doll close to her heart and waited, nothing. Where was her family? Were they safe? There was no way to know for sure where she was.

The land is so vast and featureless that only those with the gift could navigate it but not at night. She would have to somehow find her way back. Her home was not a pleasant place to live, but it was home. No-one in her family was noble or important, but they were very dear to her, and she longed to be with them.

The warrior doll held a great secret, it had a great power, but none knew for sure where it came from. It had come to her in a strange place and at an awkward time, when she was distracted by unusual events. No-one knew that she had it for if they did she would be hunted.

She could really use a friend.

No-one would suspect that she had it because the doll always sought out men with the courage and the skill for battle. The night was the most turbulent time of the year, and this one would be no different, in fact it would probably be worse because the day had held no promise for the future and gave no sign of renewal. She took a step, then another. What else was there to do? She could not stay here. Shelter would be a problem, and she had little in the way of provisions.

She could really use a friend.

After several hours of walking she stopped, she had to rest but she knew it would be a mistake. To give your mind over to sleep would only invite the demons, they were everywhere. It would be better to keep moving.

Mercifully she did not sleep very well. The nightmares were brief but revealing. She stretched, and got to her feet, and again she began to move but more carefully, looking for signs, or clues. Anything to tell her which way to go.

Far in the distance she could just make out a lone figure stooped and weary like herself, perhaps it was a reflection, she had heard of these.

Maybe it was a sign, she hoped it was.

As they slowly closed the gap between themselves, she thought she saw or felt a familiarity. She hoped things would go well, it was too late to run, and she didn't have the strength anyway.

Then she heard it, her name, in a voice she recognized.

Rowly what are you doing here?

Looking for you came the reply.

But I don't know where I am.

Precisely, and that is probably why I found you.

Rowly you're stupid, you couldn't find your way home if it was ten feet away.

Precisely, and now we are both lost.

I'm glad you found me.

Yeah, me too, I'm really tired.

What happened? Is anyone left alive?

I don't know Sara, I don't think so.

Rowly, I want to go home.

I don't think that's such a good idea right now. Let's just find some place safe.

And where would that be?

I don't know.

Well, you're a lot of help.

Look, we don't have a lot of time we should keep moving.

Time, sure could use more of that.

Yeah, I know.

Which way should we go, Sara?

I don't know, what do you think?

Well if I had to chose, I would say that way.

Then, I think we should go this way, and she pointed in the opposite direction.

Whatever you say, I'm with you.

I'm glad you're with me, I really am. Look, I'm sorry about the last...

Forget it Sara, no big deal.

What was that?

What?

I heard something.

You heard...

Listen.

Yes, there was something, faint and pitiful.

This way.

Sara don't go near it. Even at that age a snow bear is really dangerous.

I know but...

And where is the mother she must be close.

Yeah, she's close but I don't think we have anything to worry about.

Ooh, I see what you mean.

This cub is going to die too.

Maybe not.

What do you mean.

Well, there is plenty of food here.

But the cub needs milk.

These bears start eating meat almost as soon as they are born.

He's gonna eat us.

I don't think so.

You think he knows he's eating his mom?

Maybe, but he's too hungry to care.

There is a stillness in reprieve, a calm that whispers a promise.

Did you have any nightmares?

No, did you?

No, that's strange isn't it?

Very.

Time is lost in the cold darkness of night. The cub was getting restless, perhaps the dawn was coming. Sara held the warrior doll close to her heart and waited, nothing.

What are you doing?

Huh, nothing, I think it's getting lighter.

Yeah, the dawn.

What should we do about the cub?

I don't know.

Do you think he'll survive?

He has a better chance than we do.

They resisted the temptation to walk towards the brightest patch of the sky, knowing they would end up walking in circles. For the longest time there was nothing on the horizon to fix their attention on.

Rowly, why do you think everyone has gone so crazy?

I don't know, I guess if you take enough away from someone they start to panic and then the panic spreads.

It doesn't make any sense to murder each other.

No, it doesn't.

People should try to help each other.

I wonder what it was like when the moon was as big as your thumb, Sara said holding her thumb out at arms length. It must have been wonderful, there were places where it was warm all year.

Finally something, a speck on the horizon about twenty degrees to the left, they turned and walked in that direction.

Sara thought, yes, she recognized this place, it was a temple complex, or used to be. Now it was more like a mausoleum. The priest were all gone, they didn't stand a chance. When the fight came, they

offered up no resistance. The food was the main objective, but these raiders were like a pack of ravenous wolves, showing no mercy, and having no remorse.

What do you think you will find here, came a voice, there is no food.

Huh... Sara started to bolt, but saw that it was not necessary.

Look, we might be hungry, but we don't want to take anything from you.

The small figure moved into the light and said I know you, I have seen you in a dream.

You have dreams?

Oh yes, many.

Are you a seer?

I am no-one, I have no purpose, just surviving... until now.

But nobody has dreams, do they?

Some do but they don't talk about it, not wise.

I understand, said Sara.

You have the doll.

The doll, Sara, what is he talking about?

Look, I was going to tell you, I just didn't want you to worry.

My name is Catuan, I have been waiting for you a long time. I thought perhaps you wouldn't come.

I almost didn't.

Yes... come, I want to show you something.

Through the ruins and down, down a long, winding, dusty, descent, was a chamber.

This is our legacy, carnage, murder, destruction. The doll has been a part of all of this.

On the walls of the chamber were the murals of many battles, famous battles, the shifting of power, the greed of men.

Do you know why the doll has chosen you?

I am no warrior.

Yes, it is true, but this is no time for war. There is no-one left to fight, just a ragged collection of survivors, clinging to any hope of life, desperate people.

So why has the doll come?

The doll wishes to be destroyed.

Why would the doll want this, the spirit will die.

No, it will be released.

Where will it go.

I don't know, perhaps it is weary.

Like us.

Rowly agreed.

We have to move quickly, there is no time.

Time, said Sara looking at Rowly.

Rowly agreed.

You can not do this without some help.

Who will help me?

Any who are with you will be in great danger.

I will help you, said Rowly.

How can you help, you are as helpless as I am... worse.

Still, I will not leave you.

I am glad, said Sara.

This is not the place to release the spirit, it would mean disaster. We have to go north.

But, it is bad enough here.

Yes, but north is where we must go. When the sky is full of the dancing light we must burn the doll.

Have you seen this dancing light?

Only in a dream.

The first settlement they came to was by no means promising in the way of provisions, but they managed to scrape together a few things and continued north. From the look of things, it appeared that nature would take back everything man had built and then some. All along the path they saw the remains of men providing for the insects and the few remaining small birds that had a taste for such things.

This is a place we should avoid, said Catuan pointing to the settlement ahead. But it was too late, several mechanical horses were approaching and fast. At the front was a large man in armor they stopped short and the man called out, I am Agenor, I am of noble blood, you do not need to fear me, I am no scrounging peasant that would steal from, or murder children.

And who are you, he said, looking at Catuan.

Noble sir, I am no-one, my name is Catuan.

Catuan, unusual name, especially for these times.

Yes it is sir.

What is your purpose here?

We are only passing through.

You are going north.

Yes.

Nobody ever goes north anymore. Come, let me get you some food, and then you may rest a while.

In just a few places, a little comfort remained.

Young lady you are of some interest to me, will you tell me your story?

Well, my family lived along the river, in time of plenty we had enough, but for some time now we have become fewer and fewer.

What river do you mean?

The Vetluga.

Agenor stood suddenly, and then regained his composure. Well, he said that is very far from here.

Yes, we have traveled a long way.

I was there myself not so long ago.

We had to return here, many armies are scattered in the region and the thing I was supposed to do, now cannot be done.

And what is that, asked Rowly who quickly received a glare from Sara.

Oh, it is nothing you would know, or care about. My enemies are many, and there are so few of us left now. The nobles are all gone, and those we fight have no laws and no rules. They fight with a viciousness that I do not understand.

All fighting is bad, said Rowly looking at Sara.

Yes, perhaps but I fight to defend not to destroy.

It is good to make peace, said Sara.

I would make peace if I could, but there is not enough for everyone, and this chaos, and madness can not be controlled.

Can it be avoided?

I think not.

Tell me, there is talk, some have said the warrior doll was seen near the Vetluga, have you heard this?

Why do you seek the doll, asked Sara.

The doll is the key to everything.

It will give us the advantage, my son is a great warrior, it should have come to him but...

Sir, I am very tired, I do not want to seem rude, but I can hardly keep my chair.

Yes, how foolish of me, you must rest. Let us hope the nightmares will not come to you this day.

Thank you sir, said Sara, I wish the same for you.

But they came, and with a vengeance, Sara woke suddenly.

Rowly, we must go.

Huh?

We must go now, get Catuan.

They did not go north, not at first but after some time they turned and continued toward the place of the dancing lights. The journey was for a time without incident, and the settlements were uninhabited except for the insects and small birds.

Dusk was coming, and in the north, nothing moved after dusk.

We can not continue, said Rowly.

We must, said Catuan.

What if this is all for nothing, why should we listen to you?

He's right, said Sara, I can feel it, holding the doll close to her heart. She could sense that the time was near.

It is not so far now, come children, we should move quickly.

In the distance was a glow that was not from the sun, it came nearer, and nearer, and finally it was all around them.

Let me build a fire here so we can be done with this thing, said Rowly.

No, it is a little further yet.

Catuan, how do you know where to go?

I have seen a place with a large flat stone, that is where we must go Sara.

Is it far?

No, it is very near.

From the distance came the sound of machines. There are not many left, and anyone would kill to have one, and yet, there in the great wasteland of the north, in the middle of the night, was the sound of mechanical horses.

Go... that way... I will try to hold them off.

It was not Agenor, but his son.

My father died chasing you. I should kill you now.

Listen, what is your earliest memory? Can you remember?

Why old man?

Just try, do you remember?

Yes, it was of my mother, she was helping me, I had fallen.

When you remember her what do you think of?

Love, came the reply.

What we are doing we are doing for love, listen to your heart, you know it is true.

A shot found Catuan and he fell.

Stop, hold you fire, this is not the way my father would have wanted us to behave, like the mad men.

Monsters shouted Sara running back, you are all monsters. What do you want from us.

I only want to live, my lady.

And this is how you live, by killing?

Sara, do not worry, you concern yourself with a great many things. I am not afraid, I have seen this moment before, I have seen many things in my long life, wondrous things, but nothing as lovely as you. Yours is the purest of hearts I have known. Go, there is no time left.

Time, thought Sara.

She ran, she ran as fast as she could go, and she did not stop.

Rowly could hardly keep up. They were not being chased.

The stone.

Rowly, I'm no good with fires.

Don't worry Sara it is the one thing I'm really good at.

The doll began to smoke, and soon it was burning. All of the hate, and all of the anger rose and were absorbed into the faint glowing of the sky.

Soon it intensified and began to shimmer, forming great sheets of dancing light.

The poles had reversed and the field was returning, the time of war was over, and the time for renewal had begun.

This is the story that my Great Great Grandmother told me when I was young, and none that now live remember the time of war.

The end.

# The Inverse Relationship of Space and Time

Everything is fields and the structure of reality is a computational geometry that is fractal in nature. Gravity is a geometry of motion in time. Time has a quality that must extend beyond one dimension and a fractal nesting of energy that increases as the scale becomes finer, the reason is levels of description. It is all information.

Foundational principles:

Nature is lazy, it likes to copy.

Everything is information.

Information is not stuff, it is relationships.

All behaviors are constrained by relationships.

All behaviors are emergent.

Every engine takes advantage of a difference.

Everything is an approximation of something else.

Ratio is discrete.

The bending of spacetime is a variation of scale.

Behavior is a quantum of action in a field.

If dimensions are virtual in the same way that the dimensions of consciousness are virtual then the density of information in a field will affect the scale or bending of spacetime.

Gravity and scale are related.

Gravity and information are related.

Information and scale are related.

If it's relational, there's a geometry involved.

Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.

Truth as a time coordinate; truth lives in the past, the future is uncertain.

Information from the micro future is formed into a macro past.

The process of formation involves entanglement.

Coffee and cream; 1) separate, 2) complex, 3)homogeneous.

Information appears to increase and then decrease.

If the Sun makes a gravitational bowl shape in the fabric of space, this bowl shape travels with the sun through space. The bowl is motionless in relationship to the Earth, so the Earth rolls around this bowl according to the inclination of the bowl and the speed of the Earth. The question becomes what is the bowl shape in relationship to the Sun moving through space? As the sun moves faster would the bowl become more asymmetrical?

Would the Sun be trying to climb the bowl it is creating?

If the Sun occupies a position on the slope of this bowl in the direction of travel then this would act to slow down the speed of the Sun in relationship to the rest of the universe and any acceleration by any mass would be a repositioning to some degree on the slope of the bowl. Why is acceleration the same as gravity?

This must be something like a pressure gradient in the relationship between space and time.

Time is the most dense when the influence of acceleration and gravity are zero. As space is bent, time is unbent. If time and space are inversely proportional then, we are not talking about a four dimensional continuum. Time has a quality that cannot be described by the block universe model. According to Einstein, if you accelerate a clock to the speed of light, it's mass becomes infinite and it's time stops. A clock behind me stops when I accelerate to light speed but this says nothing about it's mass. If I were a photon does the electron that will eventually absorb me become infinitely massive, if this is the case then the photon can't miss an infinitely massive object.

Gravity is a particular geometry of motion, and so is a particle. The most fundamental thing is information, it cannot be otherwise.

This geometry is more about relationships and less about stuff, this stuff is made from the relationships.

The clock behind me goes from normal flow to stopped when I go from stopped to the speed of light in relationship to the clock. The clock in front of me (four light years away) goes from normal flow to four years into the future when I go from stopped to the speed of light and stop again at the clock. Let the acceleration be instantaneous. All of time is curled up and is uncurled by acceleration and gravity.

Mass is condensed energy. If I could see the clock in front of me, it would show the time from four years ago, so the jump to light speed and stopped again is an eight year difference.

A clock positioned half way (two light years) shows the time two years ago at the start and two years into the future at the end, a four year jump. As soon as you pass the clock (positioned half way) it stops but you will not see this because your trip occurs in an instant of time. Gravity unbends time and there is no place you can be that does not have some gravity because of the mass of your body. The distant clock as viewed from our position is too small to detect but becomes normal sized as soon as we take off at the speed of light because we arrive in the same instant. Scale and resolution become important. As the universe expands the material in it becomes thinner and time curls back up. If a photon from the early universe comes to a stop after five billion years, the deceleration uncurls five billion years of time, if it continues until now, the deceleration uncurls about fourteen billion years of time. The difference is the size of space. Scale may not be discrete but relative. All behaviors occur in ratios, including emergent behaviors. Once you decelerate in relationship to the clocks, their rate of time becomes normal again.

Galaxies spin the way they do because time is curled up (compressed) more at the outer edge. In the beginning the universe, spacetime was poised at the edge of criticality, space was at maximum compression and time was at maximum expansion. At the center of galaxies time is the least curled up, and curls back up as the mass becomes thinner at the outer edge. A little less curvature in space will curl up time more than our present equations describe, this has something to do with scale and resolution. The more time uncurls the larger the space that is created.

The difference between time being the most dense and the least dense is the size of space, it is motion, this includes spin. The scale of space is directly linked to time and motion. The thing that is the most constant is ratios.

Variation at the cosmic scale has large regions of homogeneity or voids. At the scale of galaxies there is more fluctuation and many more nested hierarchies within the region of the galaxies. As we continue to finer scales, the nesting of variation becomes denser and denser. The denser the region, the deeper the levels of description. In other words, how much information is needed to describe a particular region of space/time? The ratio of the homogeneous regions to the regions with lots of variation is very high, like the ratio of matter to empty space. This is a fractal nesting of information. It is not the digital horizon that prevents Zeno's paradox, it is the dithering of self referential noise.

Quantization and time; light is separated by discrete frequencies, these frequencies are related to time in a different way than it's speed passing a certain point in space and includes variation past a certain point in time. I would suspect that time is behaving differently with these different frequencies. This is a relationship of precise ratios, something like harmonic nesting. Einstein believed that space was smooth and continuous. This quantization is one of relationships and space/time is more like a fractal nesting of harmonic and inharmonic ratios. The phase transitions of matter always occur at the boundary of chaos or edge of criticality. Time may have more dimensions than we thought. Time has more than one relationship to light and the ultraviolet catastrophe is prevented by something like a fractal scaling law. Space and time are emergent.

Mass is a standing wave in space/time but standing in relationship to what? Mass is also information and it is the relationships in a particular context that gives the information meaning or structure.

Mass is a standing wave in space/time but standing in relationship to what? Mass is also information and it is the relationships in a particular context that gives the information meaning or structure.

Can we test whether space is grainy or smooth? I think it is possible using the mass of a large object and moving a much less massive object closer until the larger mass is able to be moved by the smaller mass. If space is grainy this would occur when the larger mass can move at least one Plank length in one Plank unit of time. The macro world is smooth, the micro world is grainy and never the twain shall meet.

When two bodies fall towards each other, resolution and scale may be important. Lets say a bowling ball is falling towards the earth, the earth is also pulled by the mass of the bowling ball but until the earth can move at least one Plank length in one unit of Plank time, the earth will not be moved. The mass of the bowling ball would have to be increased until the mass reaches a particular level to bridge the quantized steps that would allow the earth to move one Plank length. This reminds me of the photons discrete steps.

No particular symmetry can exist at all scales because of the Fredkin paradox. Action in the finer scales of a system will always nudge a decision (dithering) in unpredictable ways at the edge of chaos. All of the interesting stuff is happening at the boundary between order and chaos.

Cobinatorics and networks is the idea that a relatively small group of interacting agents can recombine in a surprisingly large number of ways. Space is not an empty stage and it is not an ether it is more like a nested hierarchy of action. The discrete bits are precise ratios of a quantum of action. Dimensions don't exist before action and not all dimensions are equal. This must be some kind of decision engine generating novelty with the fuel being something like the difference between harmonic regularity and self referential noise. Every engine takes advantage of a difference and we may not be able to name this difference. The big bang could be a large scale phase transition in state space. Each step in the process has some range of choices and when the choice becomes too fine grained (criticality at the edge of chaos) it is the chaos that drives the choice one way or the other. This is a random walk, the testing of state space, the measuring of value. All value is not equal and it is the network or range of associations that controls or decides what is valuable and what is not. The result is

increasing levels of sophistication. The idea that value exist in state space and must be measured and located for some purpose suggest consciousness is behind all of this activity.

Where does scale come from? Scale is nature repeating the same step over and over. Complexity increases over time. The more complexity, the more information. The idea of virtual dimensions is that action, in relation to it's source, chooses a direction and depending on the action, creates the path it travels through, there is no empty stage that was there before the action. When a photon takes off in some particular direction a two dimensional virtual sheet is created for the wave to travel through. An interruption can create a one dimensional time-like line perpendicular to the sheet (the collapse of the wave function) to occur. The motion is transferred from these various virtual dimensions in discrete or quantum-like ratios. All of the relationships are discrete but not necessarily the scale. The curvature of space and time are variations of scale. With entanglement each particle creates one hemisphere of a growing sphere (two dimensional sheet), the particle has spin, the entire sphere (virtual two dimensional sheet) is spinning and an interruption at one pole of the sphere instantly affects the other pole. 1-29-18

Because the event horizon stores all of the information within it's volume, and the position of the event horizon is determined by gravity, there must be a correlation between gravity and information. The number of behaviors that can be contained in a region of space is proportional to the force of gravity in that region. When we talk about isolated event horizons, we are referring to a particular time scale. At the scale of galaxies very long time scales are involved and at the scale of atoms, times scales and isolation are very much shorter.

Meaning has a dynamic, a thickness or density as well as a network of connections and associations so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape. The density of the connectedness can increase until the probability space collapses into a region with an event horizon at which point the region is at maximum compression and the information about the region is stored as a two dimensional hologram. This phase transition causes the influence to reduce in dimensions from three to two. The information loses it's dynamics and, in a sense, the meaning is lost.

We are not talking about waves or particles, what we are talking about is a quantum of action in a field. This thing we call a particle is a quantum of action that becomes more focused by a process we have not described and this thing we call a wave is the potential in the field. How can a wave be quantized? The wave is a precise ratio of potential.

Creating an answer from axioms or rules of the game; Achilles can never overtake the tortoise because of infinite regress or Achilles will always overtake the tortoise given enough time because Achilles will always cover more distance than the tortoise in the same unit of time.

If we describe time in terms of information, it would be the rate of change. If we describe space in terms of information, it would be these regions where the relationship of a difference between two or more things live. In a network the dimensions are not discrete and there is no way to determine the number of dimensions involved in complex systems.

The rest mass of a photon is only zero in relationship to a measurement and the measurement is more real than the photon. The photon exist in the relationship between space and time, like everything else and what is waving is the relationship. What is the lifetime of a photon? It depends on which clock you use and the answer can range between zero and infinity. If the clock is the photon itself, it is zero, and if the clock is at the exact center of the universe, it is infinity.

Mass can be anywhere from zero to infinity for an electron depending on the observer. For a photon that will be absorbed by an electron, the electron has infinite mass and the mass of the electron that emitted the photon can no longer be measured in relationship to the moving photon.

The question of exactly what a measurement is, has not been settled.

It is possible that the measurement is more real than the thing being measured.

Sean Carroll has stated that there is no such thing as a particle, so has Neil Turok.

What is waving? Probability? The relationship between space and time? Something else?

We are measuring waves with a contraption that is made out of waves.

Everything is approximations and the only thing that could be discrete is ratios.

The bending of space/time is a variation of scale.

Additional Information:

[Dark Energy, or Worse: Was Einstein Wrong?](#)

[Relativistic gravitation theory for the MOND paradigm](#)

[Gravity Without Dark Matter](#)

[The transactional interpretation](#)

[Incorporating Meaning into Fundamental Physics](#)

[Scalar Mechanics - Free Energy And Free Thinking](#)

[Cantorian-Fractal Kinetic Energy and Potential Energy](#)

[Spacetime is built by Quantum Entanglement](#)

[Digital Mechanics](#)

# Lyrics

[My songs on You Tube](#)

## **Worthy Of You**

If I could carve my name on your heart  
Like your face is burned in my memory  
If I could join contentment and hardship  
Like you've wrapped your love around me  
Maybe I would know what to say  
Know what to feel  
Know what to do  
To be worthy of you  
If I could make a difference somehow  
Like you've colored my life with your wonder  
If I could manage the circumstance that fights me  
Like you hold back the rain when you shine  
Maybe I would know when to breath  
Know when to rest  
Know when I grew  
To be worthy of you  
Love is a mystery  
Spares no stranger or friend  
It overwhelms and compels  
Takes you to an unimagined place  
And often leaves a stain that time cannot erase  
If I could live a life so pure  
Like you've often heard the sages tell  
If I could linger in each moment  
Like you'll always be a part of me  
Maybe I'd believe in myself  
Believe what I see  
Believe it's all true  
And be worthy of you

## **You always end up here**

I had to borrow a promise to persuade you to smile  
Then I pawned my own future just to hold you a while  
I've seen you following the drifters  
But you always end up here  
I had to conquer indifference to convince you to give  
Chase the taillights of demons to be near where you live  
While your torn between two worlds  
Seems you always end up here  
Can't imagine you'd be waiting, even resting in your anger  
While the hypocrites and lovers take their pleasure where they find it  
I've declined the many favors of the well intentioned stranger  
I'd prefer to bear your sadness and whatever's left behind it  
I had to wander in silence to remember your face  
A lifetime of successes couldn't hide your disgrace  
I've seen you circling the heavens  
But you always end up here

## **Love against the whole world**

Time, an infinite scurrying state  
Balanced on a thread you race ahead into your destined fate  
A gallery stage for a spectacle play  
Beginning and ending with each passing day  
It's love against the whole world  
What's it all about  
Love against the whole world  
Always having to do without  
What else can it be  
If it's love against the whole world  
Then it gets down to you and me  
Life, compete within lifestyles we choose  
And hope to win but most will lose  
The melody rose only to fade  
A whisper of hope along the parade  
Love's flowing beauty and dazzling dreams  
Escape from so many, their day never seen  
Will love stray completely from those who have none  
Or will it bond us together until we are one  
It's love against the whole world  
Where does the conflict end  
Love against the whole world  
So often to begin again  
Where can love's presence be  
Has it disappeared from this world  
Perhaps within your eyes I'll see

### **If I Knew It To Be True**

If I knew it to be true, I would still need a witness  
For I'm convinced that I'm losing my mind  
I take in the sight of you, and I lose all resistance  
For the brilliance of your beauty's made me blind  
Then I remember where I am, how it was, what it came to  
And I'm convinced all is not what it seems  
I remember how you were and how your so damned elusive  
Like a ghost that's been invading my dreams  
Your stealing another chance, and I'm right up against it  
Hoping that your changing your mind  
I'm reeling from the dance, and your right up against me  
Hoping that I'm changing my mind  
And the hours slip away like a feather on the breeze  
And I think it's safe to say, I'm as caught up as you please  
I decide that what I feel doesn't hold up well to reason  
But I'm convinced that I've nowhere to turn  
To expose the spell I'm under would be tantamount to treason  
In your light there's simply nothing left to learn  
Then I remember where I am, how it was, what it came to  
And I'm convinced it never happened at all  
I remember how you are and how your so damned amazing  
To be this high and yet not fearing the fall  
Your stealing another chance, and I'm right up against it  
Hoping that your changing your mind  
I'm reeling from the dance, and your right up against me  
Hoping that I'm changing my mind  
And the hours slip away...

## **Cold Mountain**

Love is a forgotten word in desperate times  
We cling to nothing and wait for no-one  
The best that we can manage is to stay alive  
And keep our honor just a little longer  
A thousand moments spent with you I made and lost  
I barely held you those endless seconds  
The road that lies before me does not bear the cost  
And cannot measure the steps I've taken  
Hope is somewhere out of reach among the dead  
We stare beyond them to our reflection  
A sudden burst surrounds me in a sea of red  
Blood helps the flowers reach toward heaven  
A thousands words and images are burned away  
I barely saved them amidst the embers  
I force myself against the final choice between  
My failing duty and lost desire  
Time exhales from dusk till dawn, and half of what I feel is gone  
My choices haunt me, I just fled, the good I had I killed it dead  
Forgiveness is a testament to all that fades  
Beyond the borders and generations  
If right could ever conquer would it too be saved  
We're left to wonder who God's forsaken  
A thousands kisses in one breath you give to me  
As I have fallen toward endless slumber  
With one last deed I've spared you from my fate it seems  
To pass through winter and into summer

## **Beyond**

I do not own my heart  
But I have no-one to blame when it wanders  
I did not chose my name  
And I'll have nothing to claim when it's gone  
Even if the whole world flinches  
Straining to relieve the pressure  
Some approximation bears a striking resemblance to dawn  
I cannot find my way  
But I have nothing to lose at this moment  
I do not think it's strange  
That I'm not required to know or respond  
Even if the whole thing hinges  
On our vision of the future  
Most would fail to find the flaws neatly nested in the chaos beyond  
We have forgotten how light pierces the darkness and is consumed  
Nor have we considered that life is a hollow vessel, filled and then poured out again  
If gravity should win  
And everything is pulled apart as it tumbles  
All the information lost  
And nothing remains when it's done  
Even if we can't preserve life  
Or find a way to save our memories  
Some illusionary moment shared the only treasure we have won  
Perhaps at the event horizon  
Time dilated, we appear to freeze  
We're smeared upon its rippling surface  
Swirling vortex of a summer breeze  
Are we neither alive nor dead but echoes from another life  
Our path enfolded so we only see  
Fields and fluctuations, vibrations, discord, harmony

## Have I

I have not come this way to see my own shadow  
I have not ventured forth to abandon my faith  
I have seen all there is in the heart of the the lowlands  
And now wish to find my place in the stars  
Beyond the forest and the fields  
Fending off subdued alarms  
And our preference to weep  
A mere madness for the moment  
For in truth I am a Prisoner  
Along my trail you see the rabble  
We are infected with a wanderlust  
Our poor condition won't deter  
Under your imagination  
With your vistas and your influence  
Myself so long inside the void  
To suffer loss, its own reward  
I once loved the near forgotten  
Whose caresses I preserved  
She is soaring in your garden  
And on occasion lends you words

Half world, odd light, secrets  
Softly knowing  
Half dreams, fragile darkness  
Gently glowing  
Halfway, being somewhere...

## **Fleeting**

When distance is measured in tears  
And loneliness blankets the years  
I have only what I feel, in this moment  
However fleeting or ignoble  
How we busied ourselves with our lives  
Til none who remember us survives  
On the arm of a galaxy inconsequential  
That dances in the dark for an eon  
Can we watch as the mountains erode  
And become shifting sands on the nebulous shore  
All that nature could ever encode  
Left to freeze in the darkness to dwell evermore  
When lovers are drunk on the shore  
And expect passersby to ignore  
Such a brightly lit romance in the soft sand  
However fleeting or regretful  
When effort is focused and drained  
To rise and dissolve, naught remained  
Such a contrast to the patient universe  
A billion billion stars blink in an eon  
Can we catch all the granules of time  
That spill into the landscape and fade  
Once the energy's spent, we can't climb  
No potential remains to prolong the charade

## **Let Light Be**

Over and over without any measure, I don't count the time or the effort spent  
Reason for reason and no one the wiser, I don't see the point or the difference  
    Only the faces of people, the people, reach out look in  
    Only the traces of quiet desperation each soul held within  
Further and further from where it all started, the focus will shift to the latest craze  
    Letter for letter conveyed and imparted, insights and opinions become a maze  
    Only the far side, the exit, the exit, step out look in  
    Only the promise suspended beyond us and our web of sin  
Older and older retracing the pattern, through dwindling orders descending curve  
Season for season and none their own master, I don't see the truth in their empty words  
    Only the faces of people, the people, reach out look in  
    Only the darkness, complete and consuming, let light begin

## **The improbable possibility**

Light is dancing with darkness  
Pleasure is flirting with pain  
Depth is really only seen from the heights  
Love keeps tying the frayed edges together again  
Faith is looking for reasons  
Chance is predicting a change  
Hate is only ever found by the lost  
Temptation likes to move from the familiar to the strange  
The fragile face of freedom turns to the biggest part of the sky  
And releases the memories of youth who often dreamed he could fly  
Death is circling life  
While now is evading the past  
Fear is always felt when we risk  
Time keeps pushing the tempo till it seems too fast  
Consciousness spills out of a hollow and makes the paths that we all follow  
Like the branches of a tree the improbable possibility  
Joy is comforting sadness  
Fortune is following fame  
Heart is really just forgetting to fail  
Nowhere has location and Nothing is its name

## **Testing**

Reasons revolve and lightly touched they softly shimmer  
    Monumental precepts to oasis  
Thoughtlessly the will dissolves the tiny fortunes  
    And returns to darkened alleys, ergo stasis  
    Hollow impetus ignores the light of dawn  
The waking lingers as it blends the last sensations  
Now fast forward till the evening stars are drawn  
    Bleeding out before us, shifting constellations  
Some hurt removed the restless pace of silent living  
    Indulgent injuries becoming less neglected  
    Blindly lust perfumed anonymous occasions  
    Preferred but never valued or expected  
Weary consciousness exhausts the light of day  
The worker struggles till he meets his expectations  
Now fast forward till the stars are pushed away  
    Bleeding out before us, shifting constellations

## **The pursuit of loveliness**

The pursuit of loveliness took me to a great and immaculate hall  
So many attractive people there, but time had its way with them all  
The light that had shown on their faces eventually faded away  
And the glow given off by their spirit was consumed in the span of a day  
    Could this wondrous treasure be possessed  
    And could it even be found  
    Would my long journey take me too far away  
    Would I just keep on circling around  
I continued and found a great stairwell whose endless steps promised the goal  
    And a vast armada of dreamers, but each step cost a piece of their soul  
They emptied themselves as they climbed on till they eventually faded away  
And the piece they held onto the tightest was consumed in the span of a day  
    Could this wonder of beauty be purchased  
    Or could it ever be found  
    Would my journey end up costing everything  
    Am I just throwing money around  
    Near the end of it all with so little time left  
    Fate or destiny reveals an alternate path  
    Full of laughter and peace, bathed in comforting light  
    Where the hope of all ages has banished the night  
A moment of quiet reflection brought me here where you lived, loved and died  
    As I carefully studied your manner, was convinced it was time to decide  
    And through your example though long ago, a radiance shines to this day  
    True loveliness really can't be possessed, it can only be given away

### **Doesn't even realize**

A woman strains for a piece of happiness  
Can't seem to filter through the noise  
To separate fashion from beauty, importance from petty  
She doesn't even realize she's pretty  
We are after all a collection of our choices  
Trapped within a world we can't explain  
So few listening, the cacophony of voices  
Does not communicate except to the insane  
A man discovers greatness where he least expects  
Nurtures to fruition something grand  
The greatest part of himself focused in on scheming  
He doesn't even realize he's dreaming  
We are after all a collection of our choices  
Superimposed upon a frail genetic frame  
So few are free to give... this consumer based religion  
Has little left to take, but this we'll do and in God's name

## **The Whispering Dead**

I hear their whispers in the corridors when everyone is gone  
Some unfinished business here has kept them hanging on  
Why should I let them mumble, what is their desire  
Why should I feel the lingering angst they have to bear  
What madness made this focused fit they feel transpire  
What have I to do with them, why should I care  
When this place was full of life I never felt the cold  
In the corners of the room their murmured tales were told  
Why should I understand or even want to know  
Why should I show concern until they clearly speak  
What madness made them choose to stay when they should go  
What can I do, if they can't find the thing they seek  
The whispers start to build, crescendoing, now that I'm alone  
They won't accept my ignorance and so begin to moan  
This holographic film replays obsessions so sublime  
They're not here... like us they're echoes down the corridors of time

## **This interface**

This interface  
This coarse visage  
Does not paint my soul  
Though all the color's still remain  
The palette's bleeding in the rain  
This expression  
This dull murmur  
Does not sing my heart  
Vague melodies cannot explain  
This symphony's inspired domain  
This software  
This tattered page  
Does not speak my mind  
The cobwebs of the near insane  
Within all hope could still contain

## **Unfinished**

The struggle's interrupted by the dancer, she is waiting  
And her innocence betrays her to the motive for the dance  
It's not really in my nature to remember that I'm dreaming  
In this lucid state I feel like I've awoken from a trance  
I'm enchanted by this dancing girl who seems to move quite slowly  
Stirring to imagination the desires of my heart  
How can I communicate, the useless gestures I'd perfected  
Now, no longer hold their meaning and could cause her to depart  
As I study my surroundings that are mirrored in the distance  
I quickly realize the ether cannot bear my weight unless  
In my limitless condition, I can first traverse the temporal  
And discover what is limiting perfection in this mess  
She is mystery incarnate, she is swaying in the breezes  
To the rhythm of my breathing, she is all in all but yet  
I am lost inside an echo of the moment I was dreaming  
And until I smash the mirror, I can't live and soon forget  
Windowless and suffocating with my self imposed hypnosis  
I become the thing I'm stocking, in the darkness of my will  
And yet the dancer spins around me softly cooing words of wisdom  
And I long to finish waiting and begin again, until...

### **Just for today**

I look ahead to better things  
And all the good the future brings  
Must surely come to those  
Who wait patiently  
When I look back I can choose to see  
The good and bad selectively  
So I find comfort in  
My memories  
But we can't buy tomorrow  
And we don't own yesterday  
But by grace we're freely given today  
No we can't touch tomorrow  
Can't hold on to yesterday  
So it's better just to live for today  
It's taken me a while to see  
Some of what God's planned for me  
You know I still get anxious over  
What is yet to be  
And when I look into the past  
At all the things that didn't last  
You know I still wonder why  
They go so fast  
Cause we can't buy tomorrow  
And we don't own yesterday  
But by grace we're freely given today  
No we can't touch tomorrow  
Can't hold on to yesterday  
So it's better just to live for today

## **Surrender**

I've considered all the options  
I've discovered many clues  
I've indulged myself with answers  
That I know I'll never use  
Such inverted inspiration  
Takes its place within us all  
I reach out for something distant  
And begin to fall  
Now impeded by the moment  
Should I just flat out refuse  
To indulge myself with victims  
That I know I'll never use  
And I see in misdirection  
So much distance I can't cross  
So I focus closer in  
And count the difference as a loss  
I've bewildered all my mentors  
Their suggestions give no cues  
I've abandoned all the options  
That I know I'll never use  
Just as selfish introspection  
Takes its place within us all  
I make progress in my own way  
It's a steady crawl  
I discover with each moment  
There's another path to choose  
And abandon fruitless visions  
That I know I'll never use  
I've forgotten with surrender  
What it's like to even strive  
And relive the constant wonder  
Just to be alive

### **Last voice you hear**

Moment stalls, your vision fading  
Beyond the veil, three figures waiting  
Senses blend to infinite  
As all the pieces reconnect  
Every choice will fall or rise  
Uniting truth, dissolving lies  
Purpose cannot be ignored  
Forever bound to your reward  
No rule you learned can be applied  
No possibility denied  
You're nowhere and you're everywhere  
Your stillness lying close beside  
Colored song of whispered breath  
A swirling sky of loveliness  
As rising peace now covers you  
And all you were will now renew

### **The Next War Will Be Better**

The cost in lives... and loves... and tears... and dollars  
The strategist... and hawks... and rouges... and scholars  
Ambition has made our great nation a debtor  
We can only hope the next war will be better  
We struggle for our first breath and onward to our feet  
But really we are still only in our infancy  
From further down the block I can just make out  
The echoing of footsteps from the alleyway infantry  
We are strong willed but we belong  
Scurrying to conquer pieces of heaven  
We have no desire to discern right from wrong  
We won't stop until we take hill number seven  
The past unfolds... and fades... and tears... and crumbles  
The experts guess... and blame... ignore... and fumble  
Our leaders made this slippery slope even wetter  
We can only hope the next war will be better  
We struggle for our first breath and onward to our feet  
But really we are just learning to live in peace  
The whole way back through history I can still make out  
The sounds of war and death that never seems to cease  
We are strong willed but we belong  
As long as we can keep this planet together  
I don't expect leaders to never be wrong  
But can't we come up with anything better

To keep from bleeding... keep the leading... edge moving the other way... away

## **Within**

For every truth, there are two lies to hide it  
For every absolute, two variables disguise it  
For every good idea, two total failures hold it down  
For every path that's clear, the overgrowth lies all around  
Lend me your wings, and I'll give you the sky  
Send me your words, will they teach me to cry  
Shower my emotions with tips of your hair  
And don't forget your love, please give me your love  
For every smile, there are two tears to end it  
For every deed you've done, two idle days amend it  
For everything you own, two thieves will come to haul it off  
For every love you've know, their memories will just get lost  
When your destiny steps from out of the shadows  
And your legacy is gagged and bound  
Remember me, I'll be your reason  
I'll be your treason, I'll be around  
Lend me your wings, and I'll give you the sky  
Send me your words, will they teach me to cry  
Shower my emotions with tips of your hair  
And most of all your love, please give me your love

## **Stumble**

We stumble along  
Don't get to see  
Just where it was, we thought we were going  
We pattern our walk  
After our peers  
Share all the pointless delights of not knowing  
Who was waiting here  
Where are all the hipsters estranged  
One more wasted year, cheap veneer  
Only the styles have changed  
And after the feast  
Rest here a while  
Taking our time and beginning to notice  
We've managed to find  
Nothing to do  
A moment or two, our minds in a lotus  
Who was waiting here  
Where are all the hipsters estranged  
One more wasted year, cheap veneer  
Only the styles have changed

## **Expression and Experience**

Desired value, sense, believing, growing into spectral fungus.  
Reaching, testing for connections, meaning lives and breaths among us.  
Lost expressions fold experience buried deep, forgotten lesion.  
Imagination's dancing surface, branches out beyond all reason.

The flow continues past us, through us, always wanting more, so curious.  
Time begins unfolding into endless echoes, clearly spurious.

Movement parts the nothing, still exploring mystery's hidden shore,  
We search for meaning, filtering, layering, molding, sharing, learning more.  
Always longing, lost connections, venture though the inner space.  
Forgetting there is no tomorrow as the edges interlace.  
Timeless scattering conclusions, tear the meaning, still aware.  
Something's circling, waiting, breathing, always reaching, solitaire.

## **Predation Of The Couch Potatoes**

It's an interesting attitude  
Overdosed on gratitude  
Stagnated and unmotivated  
Sedimentarily constipated  
They're big game with a pet name  
Docile, domestically too tame  
All we like sheep require leaders  
A humbling thought, sheep are quite dumb  
So quick to stray, these heavy bleeders  
Get targeted by everyone  
So plump a morsel's rarely seen  
Upon a couch so vast and green  
As heavy grazers go they'd be  
Most ravenous and slow to flee  
Debtors to predators, dust to dust  
Upon the barbecue with trust  
They oversleep, they burp, they bleep  
And others reap as they combust

## **Hole In My Life**

There's a hole in my life  
It wont help to have a wife  
I can't fix it like my car  
I can't fill it at the bar  
There's a hole in my life  
Too many years of broken dreams  
Too many girls who stole my heart  
My thoughts and deeds wont be redeemed  
No way to make a final start  
There's a hole in my life  
It wont help to have a wife  
I can't fix it like my car  
I can't fill it at the bar  
There's a hole in my life  
Too many roads to travel down  
Too many ways to end up lost  
And if the answer can be found  
Who is there that could pay the cost  
I wouldn't wish this on anyone  
Nowhere to hide, no place to run  
The sinking sand I've stumbled on  
Should be a rock to stand upon  
So many lost forgotten souls  
So many more will soon be gone  
The endless struggles, foolish goals  
And fiery darts go on and on

## **Mr. Analogue**

We're digitizing Mr. Analogue, he's so uncool  
We want to place him on our ship of fools  
Rewrite his program to include our rules  
    We're digitizing Mr. Analogue  
    We're digitizing Mr. Analogue  
Perhaps a reason would enlighten you  
    Except we really haven't got a clue  
It just seemed the friendly thing to do  
    We're digitizing to induce the new  
    We're digitizing Mr. Analogue  
    We're digitizing Mr. Analogue  
    He's wasted on the things he lacks  
    He's raving of tech's first attack  
But now we've come to take it all back  
    With silicone, Babbage and brains  
You might decide that we're a pushy crew, it's just a job  
    You may discover we're a greedy mob  
When state of art becomes a license to rob,  
    Hey, why make us spell it out for you  
    We're digitizing Mr. Analogue  
    We're digitizing Mr. Analogue  
    He's patterned all he does so loose  
    That we don't even need a bad excuse  
To snare his circuits in our nasty noose  
    And string him up until we find a use  
    We're digitizing Mr. Analogue  
Now in our gears he's just another cog

## **Monday Mourning**

As the dust clears from the storm  
I look around to see it's early morning  
The battle fierce, the bodies strewn  
The carnage replaced by gloom floods my room  
As I wake up to another Monday mourning  
My poor car rattles a complaint, I'm faded as the paint  
And like my life it don't go nowhere fast.  
I need a door into the past  
And I wake up to another...  
We descend upon the field like a fury they can only yield  
A victory bought with many lives  
With rakes, and hoes, and stones, and knives  
As I notice with a distant bell  
That it's SIX O FIVE in a place called hell  
My poor car rattles a complaint, I'm faded as the paint  
And like my life it don't go nowhere fast  
Give me a door into the past  
The victory feast lasted for days  
I look for Elinore, the minstrel plays  
And I wake up to another Monday mourning

## **Hardest Way**

Well I know are far as storms go  
With this one they're gonna say I'm living a lie  
Maybe I bled but with the worst just ahead  
Well didn't they say you gotta give it a try  
The hardest way, the heat of day  
Come what may, I sail with the tide  
Before too long, I'll wish the time gone  
I hope I'm wrong, why won't you help me to decide  
The silent fear must have passed through here  
If you were near I wouldn't bother to hide  
A heavy hand, a distant land  
I could have planned, but I'm here for the ride  
The hardest way, the heat of day  
Come what may, I go out with the tide  
I should bend, a sapling's sole hope  
Then I might see the day they swallow their pride  
Maybe I'd smile (only just enough to tell)  
Revenge still means just getting on with your life

## **Backward But True**

I've become an instrument for you  
Please tell me what to do  
But don't sell me nothin new  
And don't be true, please don't be true  
This is what I see flashin and crashin  
In the eyes of so many of you  
Your Id told you what to do  
Your Id told you what was you  
You aspired but drew all your endings in blue  
So willing to worry, you hurry through lovers  
Whose faces still change with each flip of the covers  
You're using too, backward but true  
Deny me just a bit more truth  
While I've still some youth  
Don't call me, I'll call you  
And don't be true, please don't be true  
Subconsciously assassinated satisfaction  
Is just another piece of the action  
Your Id told you what to do  
Your Id told you what was you  
Will you ever sift through the madness that you fell into  
So willing to worry, you hurry through lovers  
A face at a time, strangers to discover  
You're using too, backward but true

## **Accelerator**

Accelerator... accelerator don't you don't you know that you are the one  
Accelerator... accelerator oh... don't you don't you jump the gun  
Don't you know your tachng into the red  
And don't you see the lights are changing ahead  
Don't you think I saw you pass me again  
And don't you think I know it's part of your plan  
Accelerator... accelerator  
Accelerator... accelerator  
What's your inspiration, I've never seen such intense motivation  
Keep it in perspective babe, and you'll go far  
One eye on where you're going  
Keep one eye on where you are  
Accelerator... don't you, don't you know that you are the one  
Accelerator... accelerator oh... don't you don't you jump the gun  
Accelerator... accelerator  
Accelerator... accelerator  
Don't you think you've got it under control  
Well don't you blink or you might pass up your soul  
Now don't you like to see it all blurring by  
And won't you reach the point where earth meets the sky  
Accelerator... accelerator  
Accelerator... accelerator

## **Absolute Blackness**

In the absolute blackness of uncertainty  
An unexpected flash brings sight  
A welcome guide  
In this our plight  
In the absolute silence of conformity  
A well-directed spark ignites  
A ray of hope  
In this our plight  
Straining, striving, starving, stumbling  
Craving, crying, crawling, crumbling  
In a serious deficiency  
Of love and lights reality  
In the scheme of things the Lord knows that I need to see  
He's been the only source of light  
To show the path  
From this our plight

## **Our Time**

The gathering green through the mist is sunlight kissed  
The gentle breeze dances through the trees  
Awakening to stand, in wide wonder, the land  
In time to perceive and begin to believe  
The warmth builds upon its majesty and rises to our destiny  
The conquering of life over diminishing ruin  
The blistering fire from above descends like a dove  
Each blade and leaf reaches for relief  
Conquering the land, together we stand  
Our time to possess and begin to coalesce  
To steal a little majesty and guide the distant destiny  
The conquering of man over delicate nature  
The faltering dream we held high struggles to fly  
The landscape dims, fading bare and grim  
Exhausted we stand and survey the land  
The time we have lost, the boundaries we crossed  
Our sudden loss of majesty has now become our destiny  
The insanity of man over patient virtue  
The gathering chill through the gray heralds the way  
A stillness lies under darkened skies  
Nothing now stands across distant lands  
No time passes here to mark out the year  
Within the gloom a majesty lies dreaming of its destiny  
The memory of man echoes on the landscape

## **Let Me**

Let me self destruct gently and I will go  
Let me spread out my will and my passion before the storm  
Tear off a piece of my memory and sew it on  
Cover the fading impression and keep it warm  
Let the last complete circle begin to glow  
Branching out into each new dimension before it's torn  
Releasing the colored expressions beyond all time  
Over the endless reflections to be reborn  
Nobody knows where we'll end up  
Nobody tries, nobody cares  
Nobody sees the collision  
It already happened, and we weren't there  
Let me just become nothing that none may know  
Let me roll up my deeds and knowledge within the dawn  
Retrace the path of the sun's light to distant warmth  
Follow the fading regret till it's all but gone

## Sunlight

Sunlight smiles on my weary bones  
Wind brushes past the curtain to kiss my face  
The melodies of morning circle through the trees  
And I'm beginning to remember how I loved this place  
Twenty years I struggled to absorb the rush  
Learning to ignore could hardly dull the pace  
Paid for all my crimes, my virtues cost me more  
And compromised the very solace of this place  
There were long stretches of featureless road  
And the detours that left me breathless and unconsolated  
One of them a softly focused silhouette  
She had the delicate, fragile beauty of youth, porcelain cold  
There is no color in the wind  
The hues are muted by the memories  
No direction through my mind  
No clues to anchor me in time  
She made me lose my troubles, gave me hers a while  
Never minded really, things were different then  
Now I'm somewhere near the place where I last had my smile  
Is this the focal point of being, the beginning and the end  
To hate is to remember, to love is to forget  
The dawn and the sunset spinning on the same coin  
And when at the right angle you can see both sides  
You can stare too long and lose all sense of time  
To mirror opposites requires all the pieces be in place  
To pass between both sides requires higher space  
To continue on a journey you need just one thing  
How you reach your destination... well, that depends on what you bring

## **Your Name Here**

Are you waiting for permission  
I grant you the limits of your potential  
Greatness will come for you  
To explore your weaknesses  
If you value your name you will leave it behind  
It will be here waiting should you return  
Do not weary yourself with explanations  
Just begin to imagine the possibilities  
That lie in pieces all around you  
Only waiting to be solved  
Time is not on your side  
Your friends will be divided  
Scattered, swayed by superstition  
They will hinder your progression  
Let not your heart be troubled  
It is only then you'll notice  
Where the path spreads out before you  
And it is joined to all the others  
Be the branch while it is growing  
And the river gently flowing  
Feel the wind around you blowing  
Be united ever knowing

## **Light Of Day**

I am brought into the corner of infinity  
I was not participating in their dance  
I'm being punished for my incredulity  
I'm forgotten in the celebrated trance  
Spiteful exuberance needs no reason  
Watchful remembrance needs no rhyme  
Soulful continuance has no limits  
Only a scattering in time  
I am counting backwards towards uncertainty  
I do anything I can to stay awake  
I am disregarded by the whole community  
I am living in a way they can not take  
I was once a frightful beggar seeking paradise  
All the gray has come to claim me for its own  
As I wander I collect despair and misery  
Until finally there is nothing to postpone  
Every smile mocks the solitude that I condemn  
Every gesture leaves a trace of lasting scorn  
In my way I am reflecting all that's wrong with them  
And my stubbornness revives me though I'm worn  
I am introduced to someone who resembles me  
I don't recognize me in the light of day  
I am learning to believe in things I'll never see  
And remember things that take your breath away

## **Mystery of life**

Stand entwined in summer sun, sand against the sea  
I lean upon imaginings, pretend I'm free  
Masked within expressive forms, a mood becomes a need  
I smile upon a lovely child, her soul to feed  
And the mystery of life reveals from somewhere far away  
A hint of the sublime enfolded in this new foray  
Held within a pleasant stare, a memory freezes time  
I drift into serene release, impressions kind  
Masked within expressive forms, an urge becomes a deed  
I laugh aloud to see myself as yet unfreed  
And the mystery of life repeats from somewhere far away  
It reaches in and floods my mind in gentle interplay  
A vision stirred in thoughts of you, it was a precious hope to see  
Before my eyes was someone new who mirrored you and me  
Set adrift on summer breeze, our love becomes a soul  
Surpassing all that I alone could hope to hold  
Masked within expressive forms, a step becomes a dance  
Rekindling my poor spirit's fire with romance  
And the mystery of life repeats, for us a vast array  
Of reasons to renew our love with every day

## **Love Is**

All effort spent, in fact completely exhausted  
The focus intensifies, crescendos, the newness delights  
The incredible heights, both exhilarating and frightening  
The drifting away, softly, slowly, dreamily, destination unknown

Love is being

Being with you

Being one with you

Now we have seen things only we can share

Death is alone

Being without you

Being lost without you

I can only hope I will find my way back to you

Time gives us strength but also challenges

The road scatters out before us, leaving us with confusing choices

Sometimes your choices seem strange, I forget to trust

You draw be back, my way would be lost without you

Love is life

Being beside you

Sharing the highs and lows

Covering each other in mutual shelter

Death is waiting

Separation is coming

The dull quiet of nothing

Or maybe the quiet serenity of each others' heaven

### **Where I am**

I understand what you've been through  
And I believe that what you tell me is true  
And though I just want to please you  
I know the risk, and I know you feel it too  
And that is where I am, aware of it all...aware of it all  
So lead me to the ledge, I'm ready to fall  
I've wasted years trying to find you  
I realize that you've been struggling too  
I don't think love has to blind you  
If we just let it happen, we'll see it through  
And that is where I am, aware of it all...aware of it all  
So lead me to the ledge, I'm ready to fall  
Sometimes it happens, but we get in the way  
Sometimes it happens when we've nothing to say  
Sometimes it happens, but it isn't our day  
Now that it's happening, I just want it to stay  
And that is where I am, aware of it all...aware of it all  
So lead me to the ledge, I'm ready to fall

## **Servant's heart**

You were, and you are now  
Don't let your grip become your weakness  
Understand that meekness is a strength  
To adorn the length of our path through this world  
Won't you agree, this world could stand a bit more beauty  
Like a smiling face  
The servant's heart begins to race as you draw near  
Offering everything you hold dear  
Your scent still lingers here  
Upon your song of praise and worship  
Oh how you long to enter courtship with the king  
Let the trumpets ring in gladness through the land  
Won't you set free that precious dove of sweet serenity  
With a smiling face  
The servant's heart begins to race as you draw near  
Offering everything you hold dear  
You hold within your heart  
A gift whose value can't be measured  
You know it should be treasured like your life  
So forget the strife you've suffered in this world  
Won't you still be a child reflecting only beauty  
Like a smiling face  
The servant's heart begins to race as you draw near  
Offering everything you hold dear

### **Like a pearl**

I... thought and worried all last night  
And I...I thought of giving up the fight  
And I...thought I had a friend in you  
And I...I guess I didn't have a clue  
I couldn't hurt you for the world  
You know my feelings run so deep like a pearl  
Taken from the bottom of the sea  
To be discovered by just you and me  
I... didn't want to wonder anymore  
And I...didn't even know who was keeping score  
And I...I thought of running from you  
And I...I find that you're running too  
Could you ever hurt me little girl  
And don't you're feelings run so deep like a pearl  
Taken from the bottom of the sea  
Something to be shared by just you and me

## **Battlefields of desire**

Are these the weapons of desire from the battlefields where we once played  
And such a method to conspire, in one hand a flower, in the other a blade  
But your soul's still speaking through your eyes, so you look away when telling lies  
And your friends who've long since made their peace now occupy their enemies

Out on the battle-line  
That's when you're going to find  
The strength to go on  
In the heat of the fight  
You gotta know you're right  
The chance to retreat will be gone

And I look for someone to believe in, across the wasteland our eyes meet  
Your sweet words sooth me, I receive them, mixed with the bitter taste of new defeat  
Cause your soul's still speaking through your eyes so you look away when telling lies  
And unless I've missed my guess I'll find that you've left no prisoners behind

### **Dreamer's Don't**

I'm a dreamer not a doer, a romanticist at a distance  
Only seeing never touching, watching you  
Time betrays me as it slays me, I exacerbate my condition  
Not quite feeling, thoughts I'm stealing, dreaming you  
I arrange some possibilities, they dissolve into obscurity  
I enlist my motives, but they reach a state just short of purity  
I'm a pilgrim in a landscape only talked about in passing  
Barely moving, always reaching, wanting you  
As I walk the sun behind me, I see shadows of a multitude  
Growing longer as the sun sets on my view

### **Interlude**

From a passage of my life a light flickered our brief interlude  
But the illicit bonds of our liaisons wavered into solitude  
Insistent memories come and fade of the happiness I thought was mine  
Cause the smallest glow will burn forever touched by love left far behind  
But when you're old you'll wonder at loves crimson and more subtle hues  
Cause a light that shines in happiness can sometimes fade into the blues

### **Enchanted**

The passion I knew in younger days  
May warm the memory of my love so far away  
The happiness I used to feel  
Will give me strength when hope seems so unreal  
And we all change is all you say  
Just before you turn and walk away  
And I've been told so many times  
That girls will come and go, but you'll stay on my mind  
No matter how I try, I know I can't forget  
Sometimes I want to die but baby not just yet  
Rivers of change must flow, of that there's no debate  
But I can't believe you'd go and blame it on a silly thing like fate  
I'll wait forever girl for you to change your mind  
For I know that one day you'll eventually find  
That you and I were meant to have each other in our arms  
And I know I'll never find another with your charms  
I know one day you'll see my friend when given time  
That you and I will be forever on each other's minds  
Lifelong love is not the kind of thing to take for granted  
In a world where so few things will ever be enchanted

### **Symmetrical opposition**

There's no honor in a stalemate  
If I could only change those last few moves but... too late  
If I could reassess my strategy on clean slate  
But I'm not polished at the art of neatly taking my opponent apart  
Spent all my youthful days at kids games  
Mastering romance was never my aim  
I've wanted so long only to treasure the noble pursuit of innocent pleasure  
There's no reason for a rematch  
If I'd just stop to think before I jump, can she catch  
Or remember sometimes there's an itch you don't scratch  
But I'm not polished at the art of keeping my face from expressing my heart  
I still remember some old kid's game  
And conquering lovers just isn't the same  
I so long to help her treasure the noble pursuit of innocent pleasure

### **Exhilaration due to gravity**

My attraction to you seems to correspond to  
Our apparent distance apart  
For as we get nearer the force becomes clearer  
And there's a greater tugging on my heart  
But with the distance increased  
I feel your influence released  
And I'm again floating free only to be  
Pulled back into the field of your gravity  
Falling helplessly, no chance to obtain escape velocity  
But why should there be  
By then the only place for me  
Is next to your heavenly body  
A feeling that can only be defined  
As longing to, be with you, trying to  
Occupy the same space at the same time

## Two roads

A glorious glimpse of ecstasy held them in expectancy  
They'd given up materialistic goals  
To be free of earthly pain  
And hoarding all that they could gain  
Was a vision they knew they could never hold  
But me I took it for a ride  
I thought that it was worth a try  
Having no concern for my own soul  
I tried real hard to push my luck  
And squeeze out every passing buck  
And it wasn't long before I lost control  
But there are only two roads through life so I am told  
One is easy, one is very hard to bear  
It's not if you win or lose it's not even why you chose  
But it doesn't hurt to show you really care  
So I wandered down the boulevard  
Things got rough and times were hard  
And love was not a thing I'd ever known  
And then one day I stopped to stare  
And on the shoulder was a chair  
So I sat a while and pondered what was shown.  
I saw a gloomy road ahead  
And everything upon it dead  
It scared me so, I slipped and dropped my pride  
I've wandered here so very long  
Now how could I have been so wrong  
I had to quickly find a place to hide  
But there are only two roads through life so I am told  
One is easy, one is very hard to bear  
It's not if you win or lose it's not even why you chose  
But it doesn't hurt to show you really care  
And then I saw this narrow trail  
So straight and bright how could it fail  
For I could see right off where it would lead  
And I discovered on that day  
Abounding grace along the way  
And love enough to fill my every need  
Never again would I have to roam  
For I am finally going home  
It feels so good to be where I belong  
I hope I never change my mind  
I hope that I shall never find  
Myself with those who've fallen all alone

## **Wind in your hair**

I don't call out to the night because it may be listening  
I don't hold on to my dreams in case I'd choke them dead  
I don't wander in the wilderness, at least not lately  
I don't ever remember being more easily led  
God put the wind in your hair  
And gave you that beautiful smile  
You dance with your arms in the air  
You can't help but showing off your lovely style  
I don't follow in the wake of ships as big as buildings  
I don't hold on to friends as well as I once could  
I don't harbor the resentments that wait to destroy me  
I don't ever remember seeming so misunderstood  
God put the wind in your hair  
And gave you that beautiful smile  
You dance with your arms in the air  
You can't help but showing off your lovely style  
The last thing my father said to me was just one word  
"LOVE"  
And I been searching ever since, I don't know what to do  
I couldn't be the man I hoped to be in just one life  
I'd all but given up and that's when I found you

## **On Endlessly**

It was a very visual affair, everyone was there  
New heights were reached, new rights were preached  
We all turned out to be aware  
This memory was once the key, it's getting hard to see  
We watched it grow, then to unknow, we had to set it free  
We stumbled into enmity, garnished it with vanity  
We worked it clean, just to be seen, it now shines like insanity  
A casual concept of porcelain provisions  
Remind the hasty that we race into our last decisions  
I thought on dancing wings, we spoke of bigger things  
I let my mind unfold  
And when He broke despair, we leapt into the air  
Now life could not be sold  
In one extraordinary feast of fair everyone did share  
And with one voice, we did rejoice, on endlessly without a care

## **Meant To Be**

The stars like endless specks of dust scattered on the winds of time  
Cry out for man to reach for them, so many years we've watched them shine  
And watched them move across the sky  
Like fiery gods that learned to fly  
Existing just for us to see  
As though we're all that's meant to be  
But life must be the only way the universe can grow a mind  
For without life the universe would have no light and would be blind  
And have no voice to tell its tale  
No ears to hear its endless wail  
Existence would be a mystery  
Still to be seen, still meant to be  
Yet life began on our small world adrift within an endless sea  
I can't believe that we exist alone among eternity  
And if there is another race  
That's close enough to us in space  
Who've mastered more technology  
Then we'll soon meet them face to face  
History shows that often times the strong will overrun the weak  
To gain the treasure that they need to take them to their social peak  
And chances are that one day aliens will be reality  
For in my darkest dreams I fear, a greater race was meant to be

## **Idols Of Gold**

I saw a vision grow out of the words of a girl that I once knew  
Its laughter rang, a tale it sang, it filled my field of view  
It challenged me while clutching power raped from those who vainly have  
And bade me with a powerful lie "embrace the golden calf"  
But I dare not follow idols of gold or pleasures of this world  
Yet I fear I face this life alone, against the grain of the unknown  
I brushed its dust off of my face and turned to leave its tomb  
But it circled me with many there who shared its point of view  
And they maimed me through rejection of affection I once shared  
And kissed my scars, intent to carve initials I could bear  
But I could not flee in silence so I shouted back a truth  
"Joy seeks its place unconfined, and you cannot buy or steal mine"

## **For The Best**

I can't believe, I can't forget  
I thought it through the longest time  
Without a pause, I'm through the door  
I wouldn't want to fall behind  
And here alone, my head feels clear  
A cool night's walk along the shore  
My thought's return to you my dear  
I turn a corner, starts to pour  
The scent of night, the subtle way  
You drew me out to see your side  
The taste of love, is it as sweet  
As your obsession can provide  
And here alone, my head feels clear  
The clouds enshroud a silvery moon  
My thoughts return to you my dear  
I reach my car none to soon  
Recline the seat, go through the gears  
The buildings flash by like the years  
It's just the same I say aloud  
And race ahead to pass a cloud  
Soaked to the skin, chilled to the bone  
The door key sticks, I miss the call  
Could that have been I ask the phone  
Or was it just the alcohol  
And here alone, my head still hurts  
I'll catch up on that needed rest  
My thoughts return to you my dear  
I guess it's probably for the best

## **Coastin Over The Rainbow**

A little too far, a little beyond my control  
A little bit hard to gather the dice for a roll  
I want to believe, I want to make peace with my hope  
I want to get out and so I gave myself a little more rope  
Coastin over the rainbow  
Should I try out my wings or remain in tow  
Coastin over the rainbow  
Would it help me to toss all my worthless cargo  
I did it again... yeah I tried, and I tried, and I tried, and I tried  
And still I pretend... like I got what it takes stashed away on the inside  
Another delay, another escape for myself  
Another excuse that gathers like dust on the shelf  
I like to believe, I like to discover the truth  
I'd like to exchange this illusion for infallible proof  
I have to agree, I have to admit it's a fight  
I have to run hard to keep up with what I know is right  
And after it's done... and after the fans have gone home  
And after all son... we'll forget we get lost when we roam  
Coastin over the rainbow  
Should I try out my wings or remain in tow  
Coastin over the rainbow  
Would it help me to toss all my worthless cargo  
I did it again... yeah I tried, and I tried, and I tried, and I tried  
And still I pretend like I got what it takes stashed away on the inside

## **Get Em In Get Em Out**

With the pranks in your ranks  
You entice all the nice little naiveties  
If you please  
Get em in get em out  
They may smile, they may doubt your sincerity  
Or laugh, be impressed  
On their guard, half undressed  
They may even tease  
The dive's too alive  
Where you wait to deflate  
All the princess dolls  
Who received no calls can live without  
They may smile they may doubt your sincerity  
Or laugh, be impressed  
On their guard, half undressed  
They may even tease  
Want a risk  
Bored or brisk  
The attempt  
More than dreamt  
Trap released  
Now their fleeced  
Newly fleeced  
Newly fleeced  
When you were still with her  
You would dance through romance just to be  
Then to flee  
Get em in get em out  
They may smile, they may doubt your sincerity  
Or laugh, be impressed  
On their guard, half undressed  
They may even tease  
Take a try  
Maybe lie  
It's a game  
Now you aim  
Shot released  
You're a beast  
Score increased  
Score increased

## **Get Your Mind Made Up**

Get your mind made up, and get your rose shades on

Let the world rush in, and get your mind made up

Get your heart revved up, and get your fast shoes on

Let your love run free, and get your heart revved up

Get your head right up, and get your big breath on

Let your voice be heard, and lift your head right up

Not just moving pictures we are livers we are lovers

We are waiting at the window on the world

Every waking moment brings a gift to be delivered

We are watching as the miracle's unfurled

So

Get your mind made up, and get your rose shades on

Let the world rush in, and get your mind made up

Get your heart revved up, and get your fast shoes on

Let your love run free, and get your heart revved up

Get your head right up, and get your big breath on

Let your voice be heard, and lift your head right up

## **Safety Line**

It's been so long, I don't know what to do  
You're so far gone, what good is me and you  
    What good is me and you  
    Could I be wasting my time  
    Are you still cutting on my safety line  
    Remember to seek the hidden wonders  
Embrace all of life, though clouds we're under  
Remember to laugh, that's what we really loved to share  
My peace undone, I've run from net to noose  
    None have won, few have declared a truce  
    Few have declared a truce  
    And though I'm fit to resign  
Don't think I'll test the waters of lang syne  
    It's better to seek the hidden wonders  
Embrace all of life, though clouds I'm under  
And seek to belong to something purer than we shared

## **You're Rockin On Me**

I thought you a real treat  
Till you whipped out the canned heat  
You're rockin on me, you're walkin on me  
You're such a winding cool  
You're everybody's found out  
You're mockin a scheme and talkin a fee  
Such savage indecision  
Loosely coy - all about  
Equipped with a scream, you drop to your feet  
Walking through me madly  
Oh how I long to just step aside  
Don't you see your stare-blind  
Mirror in the arms of  
Something unclean, part soul, part machine  
You're flirting with abuse  
You're everybody's handout  
You're flogging a dream you've dressed up obscene  
Such savage competition  
Invading your best route  
Eclipsed by routine, you fade a degree  
Staring through me sadly  
Oh how I blindly rush to your side

## **Razormouth**

Razormouth... you cut me  
Lashing-out... you touch me  
Thrash about in a wondrous sphere of impersonal friends  
Aren't you a godsend, the living end  
So full of direction you can't unbend  
Primal etchings engraved upon your heart  
Speak of seductive scenery, severed and apart  
Our worlds collide, the friction draws a spark  
You ride it high, then tumble in its arc  
Panic knob... I've pressed you  
Emotionally... undressed you  
And for a moment watched you glowing full with pride  
Yet now you hide, your hope denied  
So full of conclusions, you can't decide  
Primal etchings engraved upon your heart  
Reflect the distance sought as you embark  
Our worlds collide, the friction draws a spark  
You ride it high, then tumble in its arc

## **Life's A Celebration**

You think I'm only after one thing  
Let me tell you something  
All I want to do  
Is share my love with you  
Please take this consideration  
Life's a celebration  
Enjoy it while it's here  
Love's nothing to fear  
For the day will come  
When your luck will run  
Out from under you  
You may not see it now  
But you'll know  
Before your days are through  
Let me take you to a place  
Where you won't need your faith  
To know that love is real  
You've spent too long behind your shield  
You say that you can't endure love  
It's something there's no cure of  
But maybe that's not true  
My love could be good for you

**Don't You Love To Be The One**

All your dreams are in the past  
Don't you love the times you had  
But their fading out of view  
And your friends are leaving too  
Don't you love to be the one.....  
.....How is it you will pass from this world  
Don't you love to be the one.....  
.....What will you do now this one's over  
Don't you love to be the one.....  
.....Can't go back, and can't go forward  
Don't you love to be the one.....  
When you held it in your hand  
Did you try to understand  
And did it seem a little strange  
How could you know that it would change  
Don't you love to be the one.....  
.....How is it you will pass from this world  
Don't you love to be the one.....  
.....What will you do now this one's over  
Don't you love to be the one.....  
.....Can't go back, and can't go forward  
Don't you love to be the one.....  
There is something you can do  
I can help you make it through  
I just want to see you smile  
Even just a little while  
Don't you love to be the one.....  
.....How is it you will pass from this world  
Don't you love to be the one.....  
.....What will you do now this one's over  
Don't you love to be the one.....  
.....Can't go back, and can't go forward  
Don't you love to be the one.....

## **Does It Still Take Money**

Does it still take money to get what you want  
Does it still take money to be who you've done  
Does it still take money to do what you said  
Will you ever get money out of your head  
Trapped by the pursuits that we all struggle for  
I just can't take no more... no I can't take no more  
Having everything's a bore, there's nothing left worth fighting for  
Should we ask for more... should we ask for more  
Does it still take money to lessen your leers  
Does it still take money to move you to tears  
Does it still take money to make you see red  
Will you ever get money out of your head  
Trapped by the pursuits that we all struggle for  
I just can't take no more... no I can't take no more  
Having everything's a bore, there's nothing left worth fighting for  
Should we ask for more... should we ask for more  
Does it still take money to loosen your tongue  
Does it still take money to set you once sprung  
Does it still take money to fondle your fears  
It seems the only thing that it can't do is buy back the years

### **Obvious Intrusion**

An obvious intrusion, no real surprise  
You could read her body like a book, couldn't read her eyes  
What a day, this ain't no way to socialize  
In the corner of my eye I saw her realize  
That she had the game  
So much for conclusions, too much to believe  
I was struck with confusion and ready to leave  
I could put off the real world, her smile did deceive  
And if hearts could be stolen, she was a master thief  
Sensational delusion would have been just fine  
But she shot it down 'fore I could even kill my wine  
Went inside and put my pride right on the line  
Shouldn't drive so fast, I can't afford the fine  
I asked for her name  
So much for conclusions, too much to explain  
She had her way with me, and I couldn't complain  
I thought I knew what heat was till she turned up the flame  
As she left she said checkmate, so much for the game

## **Blitzed**

Your blitzed about midnight but it's alright  
You tripped on the spotlight, controlled flight  
Better settle down, better come around  
Or you'll wake up on the cold ground  
You like to make the scene till you turn green  
The original crowd queen, your just to clean  
Better keep your head or your gonna dread  
All the things that should remain unsaid  
It takes such a long time to make the climb  
What you do in your prime should be a crime  
Better take a break, better stay awake  
Or you'll give us both a headache  
Better settle down, better come around  
What you stand to lose may never be found

## **All For The Good**

It's all for the good, It's all for the good now baby  
It's all for the good since you left me broken hearted

It's all for the good, It's all for the good now baby  
It's all for the good since I let you get away  
Infatuation.....then disillusioned  
The complications.....too much confusion  
I hesitated.....from misdirection  
And you pressed on toward your .....next connection

It's all for the good, It's all for the good now baby  
It's all for the good since you left me broken hearted

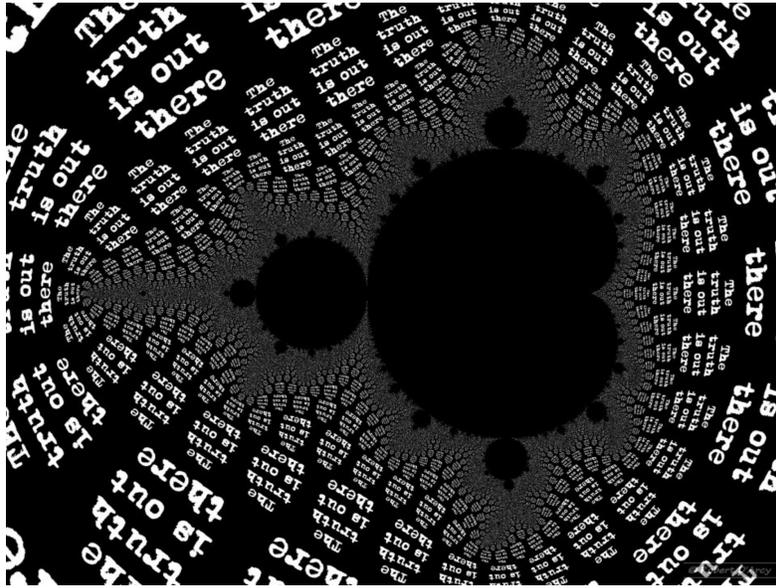
It's all for the good, It's all for the good now baby  
It's all for the good since I let you get away  
The hours of waiting.....for resolution  
And recreating.....my contribution  
While in your loveless.....fascination  
You overshot your.....destination

It seems to all get sorted out  
And down the road we'll have no doubt  
That this is where we ought to be

I miss your eyes, your warm embrace, your smile, your scent, your company

I keep pretending.....I've somehow made it  
I keep descending.....it's complicated  
I measure time from.....where we started  
And set my compass from.....where we parted

# Truth



The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning.

I am going to attempt to answer a very big question.

What is truth?

This will generate a fractal, a nested hierarchy of explanation.

The reason is because of "levels of description."

Most of what we observe is a nested hierarchy of behaviors, the deeper the hierarchy, the more nuanced. Truth is not the infinite fractal, it is the source. The fractal is generated by the potential between truth and randomness.

If the universe were made of pure light, that would be a good metaphor for truth.

Light pierces the darkness and is consumed. Truth pierces the chaos and is consumed.

Everything is fields, the energy comes from the difference between the highest possible symmetry (truth) and self referential noise (chaos). Matter is a condensation of energy or a combination of truth and chaos (the gray region). The structure of matter is determined by the field. The field is a particular geometry of motion or the processing of meaning.

Truth has at least three components, simplicity, application and meaning. Truth, beauty and love move together in a harmonious dance. Truth is the first dimension, from this love begins as a process and beauty exist as a result.

If the universe is made of information then, we are moving from a state of profound truth to a state of meaningless gibberish. Truth is slowly revealed through metaphor, it cannot be otherwise. Meaning is a nested hierarchy of metaphor. Any attempt to explain the idea of truth, will result in an explanation that

requires an explanation. This continues to infinity as a logical monster. It is not by a long discourse of carefully chosen words that we arrive at truth, we will only arrive at a nebulous understanding of some approximation of truth.

The idea of truth is still, to this day, a controversial topic. Truth cannot be separated from meaning. Meaning is context dependent and so the relationships become important. The dynamics include consistency vs inconsistency, universal agreement vs disagreement, objective vs subjective etc. It is this dynamic quality that causes variation in the meaning. No matter what we say, about any sensory input or idea we attempt to convey, the information will lose some of its truth value during transmission. Any attempt to remove the dynamics or context, will also alter the meaning.

A left brained, dogmatic, pragmatist, will always try to treat truth in black and white terms. This is the idea of determinism, that everything is absolute but what we find is that nothing is absolute, everything has variation that is scale dependent and it is the resolution that determines how much variation we are able to detect.

- The immovable object; dogmatic belief.
- The irresistible force; an idea whose time has come.
- When the dust settles, you will have a dogmatist that is an expert at navigating a world that no longer exist.
- Truth and application; in the material world, this is known as "facts."
- In the emotional realm, this is known as "heart."
- In the world of information, this is known as "source."
- In the spiritual realm, this is known as "God."

Truth as the source of all things, branches out into the darkness of uncertainty in a fractal pattern. It carries with it profound meaning that is expressed in every nuance generated in the fractal computation. As this process is continued more and more meaning is lost, until the variation reaches its maximum. At the extreme end of this process is pure randomness, darkness, or the abyss.

Truth is precise associations without fluctuation, but everything is fluctuating and so, we only see truth values. The degree of precision is important in that it gives us the applicability of any truth value. Everything that comes into your five senses is an approximation of reality and its applicability is a measure of its truth value. Applicability is a material expression of process. Truth transcends time, time is the division of process. Truth is not inside of process, process is inside of truth. Expression and experience are two sides of the same coin. The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic meaningless gibberish.

The closest to the truth we will ever get is contained in this one, simple, idea, reality is asymmetrical on purpose. Truth is by nature, static, a frozen crystal, it is unity, a secure foundation. Truth and randomness are opposites. Truth is a secure foundation and randomness is formlessness, or a complete lack of information.

All of the high strangeness in science is coming from uncertainty. Science is in the business of explaining things and this uncertainty is getting in the way. Matter has a material quality that emerges out of the information field. Information has a spiritual quality with variation emerging from the singularity. This variation is the echoes of creation and there is no way back to the place where it came from. Truth is the central core of reality and while men consider themselves capable of discerning truth, it becomes apparent that we are only given a glimpse to some degree of resolution beyond which subjective reasoning always intrudes.

Truth is the highest energy state of the system, Truth is more like a noun, and deception is more like a verb. It is not that I believe that truth is relative, it is certain that truth exist however, our only

connection to it is in the echoes of creation. Truth has a purity and a symmetry, like a perfect diamond. There is no reality without variation, so truth is branching out of the center as fluctuations of probabilities into the outer darkness of chaos. If reality contains both infinity and unity, it is either a multifaceted jewel, or the singularity dancing. Light does not experience time, only the system experiences time. Truth has the most potential and uncertainty has the most variation. When we are talking about information, imagination has a form of energetic potential that contains fluctuations of truthfulness. Simple contains more potential than complex, if we are talking about meaningful information. Simple is closer to truth. There is nothing quite so beautiful as a simple, eloquent, expression.

If you are searching for truth, it is your responsibility to be diligent in weighing the facts. We do not have the luxury of accepting statements that are unfounded. No-one will encounter as many obstacles as the Person who is searching for truth. There is the real truth, and then there are the 10,000 manufactured versions, engineered to dilute the possibility of discovery. A web of interconnected subjective experience gives us a glimmer of truth to a degree of resolution. The consensus agreement of an informed group is always fluctuating around the region where the answer lies.

The terrible truth: Reality has been constructed in such a way that we cannot deduce the kernel of the code from the behavior of the program.

The beautiful lie: You have been initiated into a particular level of knowledge, this hidden knowledge is almost complete. Soon, you will know all the secrets of the universe, soon you will be like God. Knowledge is the key to eternal life.

You should have already noticed that this is a system of control. If you believe this, you are being played. It is not possible that we are the authors of creation. We exist in the echoes of creation from which the prime mover appears to have hidden, not only the method but also the evidence.

The universe is so vast. The same goes for time, and yet here we are. This is truly a miracle. The echoes of creation are branching out in a fractal pattern. Truth is the source and chaos is the destination. We don't live in the past, we don't live in the future either. All the really important stuff, as far as we are concerned, is happening in the middle. Now is a particular position in the fractal geometry. The ever present now. How strange that we are stuck right in the middle.

Truth as a static structure vs a dynamic system. To simplify, think of a stack of copy paper with one word on each page. Inside of time, we see each page one at a time, outside of time, all of the words, on all of the pages combine to make a single word. This single word is truth, it is the entire story, told in an instant of time. The fractal version of this story has another feature. As each page is presented to us, our intent creates a slightly new meaning that branches out, changing the story, an effect that turns the stack into a tree like structure. Special note; the law is static, but grace, mercy, and redemption are dynamic.

- I am is static, God, timelessness, law.
- Time is the first division of symmetry, one dimensional, a fractal curve.
- Light is the next division, two dimensional, a hologram.
- Dynamics is a fluctuation of symmetry.
- Understanding is a fluctuation of truth.
- I will is dynamic, Satan, chaos, deception.

Law and mercy, truth and deception, unity and chaos,  
these are directions in the dynamics of qualia.

- Law, truth, and unity have a static quality.

- Mercy, deception and chaos have a dynamic quality.

Truth is branching out into the nothingness as possibilities. This is a fractal structure, like a tree or some kind of a maze. We do not see this structure clearly, we are in it. What we see are fluctuations in the truthfulness, the echoes of creation. Maybe we always were or maybe we never were. If we are echoes, a part of us always was and a part of us was imagined. That is what these echoes are, patterns in the imaginarium. We are, in this moment a particular arrangement of information. In the next moment, we are something different, a collection of our choices.

To find truth, you must delve into the hidden language of the soul. When we look at the world, what we see are the material expressions or shadows of the spiritual world. The shadow is not the thing, it has less dimensions, it has less light, it is constrained by the surface it is confined to. The shadow has no wings, but the imagination of the bearer does have wings of a sort. Truth resides in the spiritual world and to a lesser extent in the realm of the emotions.

Are your feelings true, are they honest? This is a very interesting question, as it turns out, there is variation in the truth. Truth fluctuates everywhere we find it. The intellect is a tool for mastering the emotions, which we use to master the spiritual. What we are doing is learning to love. The whole world for the most part is upside down, backward or moving in the wrong direction and so, loving becomes that much more difficult.

The fiduciary responsibility of inquiry vs the optimistic tendency to believe we know more than we really do. Humans are on average 70% optimistic. This will always create the illusion that we have all the facts. Nothing could be further from the truth. Facts are an elusive ideal, just like squaring the circle.

What is a secret? What is the esoteric knowledge of the mystics? Is it truth? The one thing I can guarantee is that it is not truth. Truth fluctuates in the material realm everywhere we find it. So we must look beyond the information to the agenda, there is always an agenda. The agenda is tied to a belief system. Belief systems are filters. The purity of truth never survives these filters. Truth is the core of reality. As information, it has the most potential and the most symmetry. Self organization occurs at the boundaries of chaotic systems. The outer boundary has the most variation or degrees of freedom, and the least significance, in terms of meaning.

Truth is the perfect symmetry of meaning, randomness is a formlessness or lack of information, between these two is what I will call the gray region. This region has a dynamic that is driven by the difference. At one extreme is unity of purpose, love or maybe something like harmony, at the other extreme is disorder, chaos, or randomness. Like electricity you have negative electrons and positive ions. With information, you have love and deception. Love brings us closer to unity of purpose and deception brings us closer to chaos.

If an axiom is both true and false then, it is at the extreme end of the continuum between truth and randomness, in other words, the coin is not heads or tails because it is always spinning, or the time scale is so large that we will never see the result of the coin toss.

The small child sees the world through an unfiltered lens but does not understand it. The adult sees the world through the many filters he has collected or have been forced upon him and whatever meaning remains he convinces himself, it is truth.

The block universe and time. Determinism vs emergence. Meaning and variation. Holograms and fractals. Resolution and scale. Relationships and context. The pilgrim and the journey. Truth and chaos. Darkness and light. These are the currency of understanding.

If we think of coin tosses, with truth, the coin is either heads or tails as a frozen expression of meaning,

and with randomness the coin is always both, it never stops spinning, and contains no meaning. The dynamic tension between the two is where time comes from. Either spin is imparted to truth or the perfect randomness of the perpetual spin symmetry is broken. At each extreme is a different form of symmetry, one is a symmetry in the relationship of meaning and the other is a symmetry of potential. If meaning is always fluctuating then we do not ever really see truth, what we see are truth values. In the example of the coin tosses, We have a resolution that gives us a value something like, yes that is definitely heads. But if the time scales are very small, we can't see the result of the toss long enough for it to register, and if the scales are very large, we would not live long enough to see the result of the toss. We appear to be right in the middle of these scales.

Information is energy, time is constructed through the process of novelty. Potential is created by the difference between two or more things. This is a relationship of dynamic tension, just like music. Meaning and understanding are qualities of the process of moving from profound truth to meaningless gibberish. The quality of the information can be in its truth value or its ability to create a novel and meaningful variation. The second law of thermodynamics says that most of the time the value will go down, unless there is a control mechanism in place like fitness in the fitness landscape.

The universe is the transmission of a message. The message is some form of a story (the hero's journey). The purpose is some form of a harvest. This harvest is in the form of information. The information has value and meaning. The value and meaning are context dependent. The dynamics involved drive the process, it is the difference between truth and randomness. These two extremes are ideals, not reality as we think of it. Static truth has no meaning unless we can perceive it. This requires a dynamic, at the other extreme (randomness), all meaning is lost.

Is gravity behaving like a strange attractor in state space? Are emergent relationships and the differentiation of meaning, nested hierarchies? Truth is a precise relationship in a dynamic system. The lawful regularities of our physical reality are emergent.

There are no perfect symmetries, there is no pure randomness. Therefore, Robert B. Laughlin's definition of emergence, " a collective principle of organization that gives rise to a law, a relationship of measured things that is always true but the law vanishes away into nothingness when you examine little parts to see where it came from" requires a slight alteration, because the relationship of measured things is always true to some degree of resolution beyond which, the truthfulness begins to fluctuate and then vanish. When we measure the coastline of England, the answer will depend on the length of the ruler we use. As we move towards smaller and smaller rulers or finer and finer scales, we are moving through the fractal iterations. At some point, the length of the coastline will begin to fluctuate. This is an emergent property and it is caused by the wind and the waves, time and tide. If we imagine that the coastline of England is the hidden structure of reality, and the length of the coastline is a physical law, such as the fine-structure constant, when we take a measurement at very large scales (increments of 20 miles) the answer will not fluctuate but as we move to finer and finer scales something magical happens, the answer begins to fluctuate. This is the uncertainty that physicist are up against. The fluctuation, or lack thereof is an emergent property. Also, as we move to finer and finer scales, the concentration of energy increases. The fractal nesting of ever increasing cycles of time are related to scale.

Stasis→process→chaos.

Sameness→perception→otherness.

Symmetry→motion→difference.

Truth→communication→randomness.

The idea here is that symmetry contains no movement, no process, it is completely still. A point with no

dimensions, no scale, but in terms of information it is pregnant with possibilities.

A model of the probability space where the tree of the knowledge (our material reality) is growing would look something like an onion except that, each layer gets progressively thinner, so that, like a fractal it never completely fills space, the space is not infinite. The boundary conditions display edge of criticality in each layer. The physical manifestation (the structure of our reality), could be thought of as a tree like structure, growing in this probability space. At the ends, the filaments are very fine, in fact infinitely fine. All of the information is stored as relationships and as the finest projections are created or computed you have the greatest number of possible outcomes, so that the earliest versions of this structure had few possible outcomes (less degrees of freedom). This structure could be called truth at its core (in the beginning) and chaos in the fine hair-like projections (the end). The ever present now, is our position in the computational geometry. The branching of each iteration could be thought of as, Buridan's ass, deception, metastability, dithering or self referential randomness. Fredkin's paradox describes the degrees of freedom.

The information is not the structure, it is the relationships. The information contains no mass. If we had unlimited knowledge, how would we store it? As we add information to a system, the relationships in the system change, so that the system itself is the storage medium. The differentiation of meaning moves from logical to illogical, from precise relationships to imprecise relationships. This is a dynamic expression, driven by the difference between truth and randomness.

In our quest for knowledge, it seems strange, just how dynamic this exploration is becoming. We should ask ourselves, first of all, what is knowable, and secondly, of the things we are able to understand, just how well can we know them. We have entered the information age. Knowledge is doubling in faster and faster cycle times, but as you may have noticed on the internet, not having all the facts does not seem to stop people from having opinions. These opinions create a field, like the wisdom of the crowd. The truthfulness fluctuates but when we average it out, many times, it is very close to the correct interpretation. Are we influencing the outcome? This would suggest that something like the intentional field of implicate order is in play here.

Truth is about meaning and application. It is also about getting your head, heart and feet all moving in the same direction. What we value matters and the more we understand, the more alive we are. Don't waste your time defending the truth. Truth doesn't need your help, and besides being right all the time is a disease. People believe what they want to believe. People hear what they want to hear. There is no surer way to hinder discovery than to believe that you already have the answer.

The idea that knowledge is power must include the energy contained in truth over application (does it apply), and novelty over value (is it useful). The universe is made of information. There is an organizational principle or process at work in the cosmos. Information has energy and in terms of its potential. Meaning, value and novelty play a role. Matter is the medium of expression and the energy is stated as mass times the speed of light squared. For information the value or the energy is measured as a truth value over all possible applications of expression. The higher the truth value the more it applies. An idea whose time has come has energy. All behaviors are constrained by the relationships in their reference frame.

If all of the information stored in the universe is stored as relationships then, meaning becomes an essential component and truth is relational. If it doesn't apply it isn't true. When the philosopher makes a statement that can be both true and false, he should realize that the statement has no application. He is not being clever, nor is he being wise. A pointless pursuit is always pointless. Thus we should simplify for clarity and application. Simpler is almost always closer to truth. Additional note; we are talking about a hologram with a fractal probability distribution so, even logic (fuzzy) has a fractal quality to it. Explanations can be in the form of nested hierarchies. In the end, all we have are the relationship of

measured things and incomplete descriptions.

The particle/wave duality has something to do with the nature of time. Time is intimately linked to information, you cannot separate them. Information moving in time always contains meaning. This meaning has a truth value. There is a dynamic nature to these truth values with application and material expressions. Experience relies on these expressions, it is the perception or division of the expression that creates the experience. How much we are able to understand varies from experience to experience. In the quantum world these expressions have a probability. A fractal probability distribution.

Truth is not inside of time, time is inside of truth. Truth is not inside of process, process is inside of truth. In terms of information, truth appears to be the most fundamental thing. Truth has the most symmetry, it looks the same from every angle, at every scale and no-one can prove this statement is incorrect. Certainty lives inside of simplicity, simplicity lives inside of truth. Every sufficiently complex event is statistically impossible. Any repeatable behavior that we can measure with great precision would, by necessity, be closer to simple and that makes it closer to truth. Truth as a logic structure is closer to simple and the further away from simple you get, the deeper and more nuanced an explanation will become until you reach a point where the energy is so high that no explanation is possible.

The world is a labyrinth of ideologies that are, for the most part, educated guesses. Truth always appears to be just out of reach but close enough to get a sense of it. Mingled into every perceived experience is the dithering of random noise the brain uses for processing, and so every truth has a bit of randomness, meaning is built from this process. You are almost never in a position to defend truth, any truth, you are moving through a network of associations, where meaning and understanding fluctuate.

Profound beauty is very much like profound truth, in that there is a harmony or balance between the many elements or dimensions involved. Our connection to both beauty and truth are possibly, the gossamer strands of subjectivity that are both undefinable and fragile. A careful analysis of either beauty or truth will only diminish their quality. This would suggest that mystery is one of the dimensions.

When we talk about higher states of consciousness, what we are talking about is information density. The quantum world and by extension the dream state are the realm of unmanifested possibilities. In the outer fractal iterations you have the most dynamic variation and the most quantum information. Truth is branching out into the nothingness as possibilities. For the fractal levels of consciousness, the information density would look like the number of fingers involved in typing on your computer keyboard. The finger is the outer fractal level of the arm. To hunt and peck with one finger is low density. All ten fingers moving at maximum speed is high density. In the case of altered states of consciousness, the arm becomes an imaginary tree with hundreds of fingers furiously tapping away at the keyboard.

It is in the web of explanations that the deeper meaning is revealed, an echoing of possibilities that extends beyond the possible into the impossible. The impossible lives in the imagination. In whose imagination do we dwell? We are made in the image of God. We live in the shadows of perception. Everything that we experience, everything that is going on is governed by a legal system from beyond our time domain.

It is not truth that requires good timing, it is disclosure. When you make a decision, ask yourself, is it true, is it kind, is it helpful.

Are you trying to defend some truth or push some agenda? There is evil in the world, there are people that make the world as ugly as they can, for an agenda. Love requires more effort than hatred. It is easy to hate but difficult to love. The purpose of the universe may be to harvest the meaningful information

that lies in the region between simple truth and chaotic, meaningless gibberish. I think this information has more to do with action than thought.

The eternal now is a steel ball balanced on a knife's edge.

This “potential” of the boundary condition is stored on the fractal surface of the steel ball, you see, this surface is dancing and the fiddler is self referential noise. The direction of time's arrow is pushed or we could say that the probabilities favor the slightest of nudges in the forward direction. So where is the positron, you might ask. It is hidden in the fractal folds of this dancing surface.

Truth as a time coordinate; truth lives in the past, the future is uncertain.

Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.

Truth lives in the macro past and uncertainty lives in the micro future.

All material expressions are constructed from a network of associations and are only reducible to some degree of resolution. If we are talking about information, then it is only reducible to some approximate explanation.

The idea of a quantum random walk in state space says that every sufficiently complex event is statistically impossible and even though the probability space is very large, it is navigated and expressed, as I understand it, in a tree like structure or a fractal structure. This is a computational expression of the material world that looks very much like a display on a monitor. The decision engine is generating value. There is a bifurcation of the fitness into different dimensions and like the human brain which is said to have at least eleven dimensions, the dimensions are not constrained by a physical geometry, they are computational. Another way we can look at this would be to say that every behavior we can measure is constrained by a network of associations just like the nodes on the internet and the conservation laws become approximately true because of levels of description.

With a digital display having few pixels, symmetries are common but there is very little meaning because the image is very coarse grained. As we reiterate and begin breaking the symmetry of the individual pixels an image will begin to appear. Time is related to the process of reiteration and truth is related to the symmetry, with meaning being related to the image created. We do not know where the symmetry or the reiterations come from but the image is emergent.

If the universe is built up from logic and law then time is symmetric but if the universe is built up from consciousness then the computational geometry will have a fractal quality.

In summery: Meaning is a nested hierarchy of metaphor. Truth is the core of reality, and chaos is the outer darkness. We are in the gray region between truth and uncertainty. Our only connection to truth is in the echoes of creation. There is what I will call the religion of the 10,000 lies, it does not matter which of these lies you believe it is all the same religion. Then there is truth, which I will call a secure foundation. What do you trust in? The material world has less substance than most people realize, we are made of stuff but this stuff is something that cannot be regarded as real.

### [Additional Resources](#)

[Donald Hoffman](#)

# Consciousness

Everything is fields, even consciousness.

The conceptual structure has a fractal nesting such that, there is never any real separation but a continuous rearrangement of associations. Awareness is dependent on the levels of description associated with the nested structure. It is only irreducible to some resolution, these various components are chosen by the reticular activating system and give the awareness. At the same time another level of processing or integrated association is going on at the subconscious level, to some degree of resolution. These fractal arrangements could be acting like antennas reading fields in the quantum realm.

Systems and subsystems processing: The subconscious mind processes information coming in at different cycle rates (vision has longer cycles than hearing). When presented to the conscious mind, the information is synchronized (the specious present). There are different computational geometries involved. For the subconscious mind it is probably not possible to have a maximally irreducible conceptual structure because of the holographic nature of the fractal hierarchy. Awareness would be, by necessity, a synchronization of the disparate information collected in the subconscious, a controlled illusion. We are talking about an information system in which the material expression is the arrangement of fields with many features including nested frequencies. The sensation of self (inner feelings) is part of a feedback mechanism for navigating the world, without this the organism would have no reference frame. This process exist in some form all the way down to single cell organisms and perhaps even beyond. The possible states of the system have a geometry, if the system were a guitar, how many possible states could the guitar be in? Each of the six strings can generate many overtones at various volumes as well as the body of the guitar and so, the number of states is going to be very high, no point in time would be a discrete arrangement. Just like a song, the past, the now, and the future are woven into each other. This would have to be the same for each conscious moment.

The universe is one thing describing itself as an infinitely nuanced hierarchy.

Computational geometry and the translation of meaning across domains. I am not looking for the answers, I'm looking for the questions. The consciousness of humanity is networked together in a domain that we do not have direct access to.

Consciousness is a fractal structure, nested into a multidimensional probability space. Self organization emerges from the chaotic boundary conditions of this dynamic system. The direction of time's arrow is the breaking of the symmetry of the potential, of the boundary condition. Love only has value when given away. Freewill is the material expression of love. Systems of control limit self organization. Self organization requires the operation of freewill and branches out into the nothingness as possibilities.

A perfectly symmetrical input of sensory data would essentially be random noise with no differentiation from any of your senses. So, we could say that perception creates a differentiation and all sufficiently complex events are statistically impossible, they are all one time events. In assuming this, we must add the degrees of precision the brain will use to process the data. Next the brain will add expectation values to the data to create a best

guess and viola, you have cognition.

Since all sufficiently complex events are statistically impossible, does cognition round off the statistical impossibility of a complex event? If we are in a simulation, there might be processing limitations involved.

When we talk about higher states of consciousness, what we are talking about is information density. The quantum world and by extension the dream state are the realm of unmanifested possibilities. In the outer fractal iterations you have the most dynamic variation and the most quantum information. Truth is branching out into the nothingness as possibilities. For the fractal levels of consciousness, the information density would look like the number of fingers involved in typing on your computer keyboard. The finger is the outer fractal level of the arm. To hunt and peck with one finger is low density. All ten fingers moving at maximum speed is high density. In the case of altered states of consciousness, the arm becomes an imaginary tree with hundreds of fingers furiously tapping away at the keyboard.

Our reality is constructed in such a way that there is a nested hierarchy of meaning. In terms of information, it is meaning that gives the information value. In terms of consciousness, emotion is higher up in the hierarchy than intellect. Spiritual is higher than emotional. #1; What we understand. #2; What we value. #3; What we do about it. A material expression is the result of this process. The actionable consequences of distilled expectation arise, in part, from the intentional field of implicate order.

Intent, process and perception as a key principle of reality. All particles have a form of awareness, an exchange of information. In the hierarchy of this process, consciousness emerges. Living systems concentrate order from their environment leaving a ripple of disorder in their wake. As order emerges in the living system, a proportional amount of disorder is also created. This has something to do with meaning. When we attend a moment, we give it value as a consequence of memory and when we place intention upon it, the value fluctuates as it branches out into the future as possibilities. The value or quality of information has everything to do with meaning.

Truth is the highest energy state of a system, it is also the foundation or unity.

Innocence is the ability to see things for what they are, (unfiltered perception and awareness), and imagination is not hindered by a belief system (a belief system or religion is unnecessary).

Intelligence is the ability to make great conceptual leaps and see meaningful information in apparent randomness.

Knowledge is the physical manifestation of consciousness.

Wisdom is the ability to project into the future and see the consequences of every choice. As we continue our journey through life, we build up layers of filters in our minds until innocence is buried. A small child is closer to innocence than an adult, because of the reticular activating system.

These filters can be beneficial in a material sense or harmful in a spiritual sense and affect our perception of the world around us.

They have an effect on the degrees of freedom in a fractal sense. The limiting of our choices can be expressed mathematically.

Imagination is an echo of creation, (an echo is an impure copy of the original).

Novelty is the fuel on which the imagination runs, (for good or evil).  
Love only has value if it is given away.  
Freewill is the material expression of love.

Knowledge is the material expression of consciousness, it does not exist until it is contained in a mind, on a sheet of paper, etc... What is important is whether we can say exactly how true any particular knowledge is. We can only measure a thing in relationship to other things and in this way, we will get results that are either stable or have variation. Scale becomes important because, the resolution has everything to do with the relationships.

If the nature of reality is consciousness then, there are no perfect symmetries, there is no pure randomness. We are in the gray region between truth and uncertainty. These extremes can only be ideals, not reality. Process only occurs in the gray region, time does not exist at the extremes. If we think of coin tosses, with truth, the coin is either heads or tails as a frozen expression of meaning, and with randomness the coin is always both, it never stops spinning, and contains no meaning. The dynamic tension between the two is where time comes from. Either spin is imparted to truth or the perfect randomness of the perpetual spin symmetry is broken. At each extreme is a different form of symmetry, one is a symmetry in the relationship of meaning and the other is a symmetry of potential.

You exist as a form of consciousness, as a part of a greater whole, like an echo or a reflection. You only become unique as a consequence of process. Process starts with intent. Intention is itself, part of a process that is nested inside of a previous intent.

Can immortality be achieved by controlling the rules or laws that govern the variation of relationships? How can we save our memories? What is the best way to store information? To have a continuity of consciousness requires precise relationships. At what level would the variation cease? Could the variation cycle? Could each cycle present a slightly new version of these relationships and still retain continuity? What would we become over vast amounts of time? Only a perfect law could control the variation, to create the most meaning and the most value.

Our perception creates a differentiation of meaning, and our consciousness recombines these disparate things in novel ways.

Consciousness relies on the integration of expectation and sensory input, to create a best guess or controlled hallucination.

Degrees of freedom versus levels of description in a system. The system must use a principle of organization to combine or unify the behavior of a collection of the constituent parts, so that an emergent behavior will manifest. The degrees of freedom for the collection is less than the degrees of freedom for the sum of the parts without this organization. This is true of physical laws and consciousness. We cannot describe the behavior until we reach a scale where we can see the collective organization, this is when the information about the behavior emerges. Principles of organization can exist at many levels in the hierarchy.

Even sub atomic particles have a form of awareness, so what is consciousness? Awareness is a process that requires the transfer of information and consciousness emerges in the

hierarchy of this process. Our reality is constructed in such a way that there is a nested hierarchy of meaning. In terms of information, it is meaning that gives the information value. In terms of consciousness, emotion is higher up in the hierarchy than intellect. Spiritual is higher than emotional. #1; What we understand. #2; What we value. #3; What we do about it. A material expression is the result of this process. The actionable consequences of distilled expectation arise, in part, from the intentional field of implicate order.

The reason I believe that emotion is a higher state than intellect is that chess computers don't enjoy winning.

You have to act your way to right thinking. You have to connect to create meaning and you must allow these connections to branch out and grow. The strongest connections will lead to your purpose. It is your spiritual intelligence that makes you who you are. It is your emotional intelligence that drives your peak performance and it is your regular intelligence that allows you to get there (practice, practice, practice, 10,000 hours). Up and down the hierarchy of being.

Meaning and metaphor as islands of order in a sea of chaos. All of the information in the universe is stored at every point in space/time as a hologram. How is this possible? There is only one way this could happen, that is, as an infinite fractal. There is a hierarchical nesting of scale that contains an infinite number of frequencies and relationships, positions and fields. Every arrangement has a different meaning, this meaning evolves through the nested hierarchy as a continuous process. Information may appear in a digital form but meaning never does. Meaning is always a process. Ideally, when information is in a digital form, it is always static. Any variation will cause the information to lose some of its integrity.

What physics desperately needs to do is go beyond the explanation, into the underlying structure of "explanation" itself. There is a nested hierarchy of meaning in the dynamics of information that parallels the nested hierarchy of many of the emergent phenomena that occur in nature.

The small child sees the world through an unfiltered lens but does not understand it. The adult sees the world through the many filters he has collected or have been forced upon him and whatever meaning remains he convinces himself, it is truth.

The mind is always constructing a nested hierarchy of meaning. Cognition occurs in the region of criticality at the edge of chaos.

Meaning is a dance at the edge of chaos.

Love is the connecting of complimentary expression.

Culture is a nested hierarchy of fluctuating meaning. We are constantly reshaping the definitions we encounter.

Cognition is an avalanche of the arrangement of relationships in a system. When mapped, we would have a multi dimensional landscape of dynamic tension. Included in these

dimensions would be previous similarity vs novelty comparisons, payoff in pleasure vs cost, applicability vs irrelevance etc... From this dance or musical passage, the stage is set for the next cascade.

Information is energy, time is constructed through the process of novelty. Potential is created by the difference between two or more things. This is a relationship of dynamic tension, just like music. Meaning and understanding are qualities of the process of moving from profound truth to meaningless gibberish. The quality of the information can be in its truth value or its ability to create a novel and meaningful variation. The second law of thermodynamics says that most of the time the value will go down, unless there is a control mechanism in place like fitness in the fitness landscape.

Truth as the source of all things, branches out into the darkness of uncertainty in a fractal pattern. It carries with it profound meaning that is expressed in every nuance generated in the fractal computation. As this process is continued more and more meaning is lost, until the variation reaches its maximum. At the extreme end of this process is pure randomness, darkness, or the abyss.

Why are we here?

The simple answer; the universe is trying to comprehend itself.

The complicated answer; the universe has an intent and a purpose but we cannot say exactly what the intent might be or what the purpose is.

The sea is an analogy of humanity. We have the sea as a roaring, turbulent, chaotic, unpredictable expression of all that humanity is capable of being. For the most part of it is formless and perhaps, to some degree, meaningless. Then we have the glassy sea which is quite different. This crystalline structure has a regularity and a form of permanence. This may be in some way connected to meaning as a frozen expression of relationships. The structure is simpler but more meaningful. The relationships have a harmonic regularity that is precise. The structure of meaning is in the relationships. Immortality requires a precise relationship.

We exist in a fitness landscape, a multidimensional continuum of value related behavior. Some of these dimensions range on a scale from mother Teresa to Jeffrey Dahmer or maybe entitlement to responsibility. What we value matters. What we repeat as a behavior creates a probability distribution. The more we repeat an action the more density it has in the probability space. The pursuit of happiness requires opportunity. People want to contribute in some meaningful way, to be a "part of" so to speak. Unity and love are value creators. It is in the web of explanations that the deeper meaning is revealed, an echoing of possibilities that extends beyond the possible into the impossible. The impossible lives in the imagination. In whose imagination do we dwell? We are made in the image of God.

The unity of infinity is a jewel. The unfolding of the facets is a differentiation of meaning, a material expression or experience. We are supposed to understand, to grow and learn, to seek out meaning and return it to the source. This results in a variation of the quality or value of the meaning as we understand it. It is an imperfect or human quality. Imperfection is allowed to express itself as possibilities within a matrix of material expressions. We filter the information for value but this process is imperfect. It has a fuzzy quality. This is because of the information density, otherwise we would suffer cognitive overload.

Sound carries information but sound is not substance, it is a variation of relationships. The information is not static, it has a dynamic of meaning, an expression from another place and time.

There must be a practical limit to the digits of precision in the computational geometry of the system as it relates to a particular scale. Scale and resolution move together and all that we can see or measure is a change in the relationships. We are a material expression at a particular resolution and a particular scale. Cognitive overload has something to do with the digits of precision. When we include the dynamics of scale, singularities and digital horizons disappear.

How can infinity be bounded into a finite or unitary space? There is only one way, as a fractal.

The material expression of our physical reality is, in a sense, a grand version of "Chinese whispers."

Our extension in space and time has a nebulous quality. It is not precise or discrete. We are in a sense a reflection of the universe itself, such that, we connect in ways that are fuzzy and discontinuous. This is not causation, the dynamics are nonlinear resulting in emergent features that are as unpredictable as the weather.

Even explanation is subject to entropy.

There is no reason to assume that the universe is irrational therefore, it is incomplete. Even using the best math we have, we cannot prove anything with complete certainty. What we see are relationships that are either precise or have fluctuation. I suspect that as we move to finer and finer scales, everything fluctuates, even these precise relationships.

The ability to reason out whether something is true or false follows the idea of power and control. While it is desirable to believe that we possess power, this is an illusion, what we have are degrees of freedom in a field of information and the resolution gives us the degrees of freedom, along with our position in the computation or landscape. We can say that a musical passage has more meaning than some other passage but we cannot say that one passage is true and another is false. There is no excluded middle.

Matter is, in a sense, a condensation of energy, this energy is the dynamic. If information is the source of all things then, we too are, in a sense, a condensation of information in transmission, this transmission is the dynamic. We are co-authors in a story that is still being written.

Information has many qualities such as velocity, density, etc... but meaning is always a network of relationships. Metaphors give substance to abstractions.

If a system is sufficiently complex, all we can do is tweak the parameters, run it in real time, and watch what happens. Immortality does not necessarily need to be static but it must include some form of harmonious relationship. Did God have a choice in creating the universe? If He took a static law which is perfect and applied a dynamic principle to it, this

generating set would create meaning and values that are precise and in the end would not be a zero sum game.

At every level of the fractal hierarchy, variation enters the system in different ways, so there is no scale invariance. All of the information is stored in the relationships of and in each level in the computational geometry.

You are spirit. You are made of stuff but this stuff is something that cannot be regarded as real. The information is not the structure, it is the relationships. The information contains no mass.

If we had unlimited knowledge, how would we store it? As we add information to a system, the relationships in the system change, so that the system itself is the storage medium. The differentiation of meaning moves from logical to illogical, from precise relationships to imprecise relationships. This is a dynamic expression, driven by the difference between truth and randomness.

Best chance at powerful AI as far as I can tell, at this moment, would be thousands or millions of high speed processors networked together and synchronized through a power scaling law that follows the Fibonacci sequence in both frequency and connectivity (to minimize destructive interference). This needs to be a very flexible, dynamic setup because you want to encourage emergent behavior.

Determinism or indeterminism? As with so many things, it is probably not one or the other. I think it is more like something akin to degrees of freedom, so that freewill has variation, not absolutes. The idea would be, a choice you make now will affect the degrees of freedom for your next choice.

Love is a dance of complementary expression, there is movement, a sweeping away of differentiation. Over enough time you will take on many of the mannerism of the one you love. Real love requires sincerity.

Meaning has a dynamic, a thickness or density as well as a network of connections so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape.

There are levels of now and every now is different. Moments have a thickness when we are living them and a thinness when we are unaware.

The dimensions of personality are a nested hierarchy, the intellect having the smallest influence, followed by the emotional dimension, all contained within the spirit.

Reality is a nested hierarchy of relationships. We can only measure a thing in relationship to other things. Light does not experience time, only the system experiences time. The material world as we think of it, is made of information. This information is not stored in the material, it is stored in the relationships. The nested hierarchy of scale is an infinite series of relationships. It is the vanishing point, the squaring of the circle, irrational numbers, Cantor dust etc... We are constrained to the relationships in our frame of reference

and when we try to move into these far distant domains, we always encounter a paradox. When we move to the largest scales, we encounter the miracle of "something from nothing" and when we move to the finest scales, we encounter "the mystery of the quantum domain."

The nature of reality is such that every sufficiently complex event is statistically impossible, they are all one time events. This is a dynamic of novelty and so anything stable is forced to fluctuate including meaning. When we measure a thing we may not see the dynamics as a consequence of resolution. This is because the holographic information field has a nested hierarchy of scale.

The universe is made of information. There is an organizational principle or process at work in the cosmos. Information has energy and in terms of its potential. Meaning, value and novelty play a role. Matter is the medium of expression and the energy is stated as mass times the speed of light squared. For information the value or the energy is measured as a truth value over all possible applications of expression. The higher the truth value the more it applies. An idea whose time has come has energy.

Isaac Newton advanced our understanding of physics but his concept of space/time was static or rigid. Einstein advanced our understanding a little further but his concept of scale was static or rigid. Probably, it will turn out that nothing is static and that the collective principle of organization takes advantage of processes on many levels and in ways that are for us, at this time, unimaginable.

We live in the shadows of perception. All behaviors are constrained by the relationships in their frame of reference. In the end all we have are the relationship of measured things and incomplete descriptions.

You might think your intellect is the best thing you have going for you but this is incorrect. Persistence and determination are a part of your emotional state. Your interpersonal skills, emotional state. Your core values are a part of your spiritual state. Your commitment to the well being of the system to which you are a part, spiritual state.

The holomovement and process; the undivided whole is differentiated by perception, this creates a disturbance in the field. The disturbance is information but it is different, new or novel because of imprecise perception and intention. Perceptions are always a best guess or controlled hallucination. From this information, intention is formed in the form of an echo from a previous intent but again this is an approximation to some degree of resolution. Expression and experience move together in and out of these nested hierarchies, creating new or novel information. The geometry involved is a novelty or imagination engine.

Quantum uncertainty is always creating novel relationships to some degree of resolution. This is the dance of expression/experience. Self referential noise is the fiddler.

Truth is precise associations without fluctuation, but everything is fluctuating and so, we only see truth values. The degree of precision is important in that it gives us the applicability of any truth value.

Everything that comes into your five senses is an approximation of reality and its

applicability is a measure of its truth value. Applicability is a material expression of process.

I have a set of possibilities before me, my perception of these possibilities is imprecise. I make a choice, my intention causes a course of action in the material world. This creates an expression that I experience, generating another set of imprecise possibilities. This continues ad infinitum.

With the measurement problem, when we have the particles location, we are in a sense stopping time but the electron is part of the holomovement and so a slice of time yields a partial or incomplete picture of the holomovement. If we think of a holographic plate, the electron is everywhere on the plate and it is our particular vantage point when viewing the plate that gives it location. Perception creates a differentiation. Reality is constructed by emergent phenomena. Think of the holographic plate as a dynamic system rather than a static plate. The plate is one slice of time, as a system the structure is nothing like a plate, it is more like sound waves moving as spherical ripples in time. There must be some form of a container with everything inside of the container affecting everything else to some degree.

Information and awareness in a system; the system as a whole has a complete awareness of itself. Perception creates differentiation, the differentiation divides the awareness, this process is, in a sense, a division of consciousness. The meaning contained in the system is moving from the highest state of application, through nested hierarchies of meaning and association into a realm of imagination where all things are possible but less and less meaningful.

Everything is an approximation of something else, and so we must begin to understand the deeper meaning of these fluctuating properties. Bring the mind and the phenomena will follow.

It is our actions that define us. In an infinite probability space our action encodes meaningful information into an intentional field of implicate order. This is the manifestation of events from some degree of possibility, depending on your position in the fractal structure. There is variation in probabilities because the interconnectedness of the fractal structure has variation. This is like saying the computation is dependent upon the position in the computational geometry, or in human terms it describes a range of behaviors, reinforced by repeated actions, (variation in the density of a probability wave). The more an action is repeated the greater the density.

Systemic phenomena cannot be reduced to their constituent parts. These are emergent behaviors that must be understood before they can be addressed. First there is meaning, next would be relationships, and finally context, (story, actors, and stage). The geometry and dimensions are some variation of emergent properties, repeated at all scales. We can say that nature has an intent that creates the actors. The behavior at one scale is dependent on the scales below it, and creates context. Process starts with intent.

The feminine essence of being is intimate disclosure. The masculine essence of being is shared experience. These exist on a continuum within each person and they are always in flux.

A person is always a composite creature, depending on what he is connected to.

The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic, meaningless gibberish. I think this information has more to do with action than thought.

We live in the shadows of perception. Our dull awareness gives us no useful clues as to why we are here. There is something we are supposed to be doing, an incessant narrative of convoluted purposeful activity that leads to nowhere. What are we to think of all this? How are we to live? We live as we understand, no understanding, no life. If we had unfiltered awareness, a belief system would be unnecessary. This seems to me to be the true definition of innocence, "unfiltered perception.

Our perception is filtered. We differentiate the elements in our field of awareness. We reconstruct these elements in novel ways, this is what imagination is. Intuition is a higher form of awareness however there appears to be a large amount of background noise so that, we cannot really get a clear picture of what is going on. This reminds me of opinions, everyone has intuition and just like opinions, there is a lot of fluctuation.

The symmetry of the potential of the boundary condition of time has a fractal quality such that the forward direction of time does not mirror the reverse direction of time. This difference gives a behavior that we think of as acceleration or gravity. The symmetry of the potential of the boundary condition of time varies with scale and resolution. So we should expect these behaviors to follow a power scaling law in some manner. These behaviors are constrained by the relationships in their reference frame so, the difference between forward time and reverse time varies with the reference frame. We can say that a behavior has location but we cannot say exactly what an electron or a photon is, other than the fact that it has a very precise relationship in some form of a network.

Mostly, anything intangible is profoundly absurd. Our perception becomes increasingly filtered over time, this is the opposite of innocence. Our only chance at discovery is to nurture imagination. Reason is the servant of all of the higher levels of awareness. No aha moment is ever the product of pure reason.

What do we really know?

Existence is some form of phenomena.

There is something rather than nothing.

Behaviors are repeatable to some degree of resolution.

Everything is moving and the relationships are always changing.

There is a principle of organization involved but over time everything tends to disorder.

"Now" is a mirror precisely positioned between the past and the future and it is reflecting in both directions. The surface of this mirror has imperfections and so the reflections cannot faithfully match either the past or the future, there is always a slight variation. The randomness imposed by the imperfections has a fractal quality with extreme sensitivity to initial conditions. It is not the mirror that is moving, it is the imperfections.

Your belief systems create connections and it is these connections that are in play when you use your intuition.

A rock does not need information to tell it how to be a rock. That is not how information works. The information is stored in the relationships that make up the rock. If the relationships were different, the rock would be different. We can rearrange the relationships of many things at many levels. If we scramble the relationships, what happens to the information? Sheldrake would suggest that new relationships, something the universe has never seen before, are resisted by some form of energy (morphic field) but as the arrangement becomes more common, at some point it becomes easier to produce.

Everything is fields.

If we are in a simulation, it is pointless to talk about the arrangement of the pixels on the screen.

A computational mapping of possibilities is linked to a system that measures value and meaning against effort and application. The geometry includes nested hierarchies, an interconnected network of associations and the one thing that keeps the processes from locking up, self referential noise. If the universe is a decision engine using pseudo-randomness to keep the computations from locking up then we could ask; what is the purpose or what is it trying to solve? Also; what is happening to the information as the process matures? What we are talking about is informed random walks in state space, like wisdom of the crowd, this involves fields that we have yet to identify. When you include the quantum domain, then you are talking about quantum random walks that are not constrained by [space and time](#).

The particle/wave duality has something to do with the nature of time. Time is intimately linked to information, you cannot separate them. Information moving in time always contains meaning. This meaning has a truth value. There is a dynamic nature to these truth values with application and material expressions. Experience relies on these expressions, it is the perception or division of the expression that creates the experience. How much we are able to understand varies from experience to experience. In the quantum world these expressions have a probability. A fractal probability distribution.

The holographic theory says that we are in two places at once. One of these places is a projection and it is essentially nowhere and the other one is the hologram which is essentially everywhere (you are smeared across the entire surface), so you could say that you are in that space between nowhere and everywhere.

On a hologram, scale would be irrelevant, what would matter are things like the relationship of frequencies, patterns of interference and non-interference etc... How could fields be generated on a hologram? A hologram stores information this information is relational, the relationships describe the field, these fields are dynamic so, does the surface of the hologram have extension into another dimension in space or in time? If this surface is dancing the fiddler is self referential noise.

To find out what is really going on in the world, you have to take in information from as

many different sources as possible, average it all out, down to an approximation and hopefully, you will be in close proximity to the answer. This is wisdom of the crowd but it only works with an informed source.

I will use a company as a metaphor to describe our reality. When we look at a company there are many things going on. The less you understand it, the more chaotic it looks. The behaviors are both a consensus of the actors and a set of individual goals and depend on what the actor is connected to. Some behaviors will be very simple (push a button every hour) and the actor can be changed with no measurable difference, to some degree of resolution. Other behaviors are so complex that even if all the actors and all the other factors are the same, you will see a noticeable difference in behavior that cannot be predicted. Profit occurs in many layers and exist in the system in more than one way and in a sense, has a hierarchy. Profit to individuals, to teams, to the company as a whole. You could say that all profit is equal but some profits are more equal than others. In a sense profit and value are the same, and the system is healthiest when the value is maximized throughout the hierarchy. Novelty plays a key role is shaping the behaviors that emerge from the actors. This novelty comes from imagination. The value is intimately linked to meaning. If it doesn't apply, it doesn't have meaning.

Life is a sustainable system of organization, using fields to retain a specific form. Microtubules read the field, inform and organize the material in the system. The material is an expression of the field, this field of information has potential, the potential is generating meaning or value. It appears to be coming from the spiritual realm.

"Now" is a position in a fractal structure which is essentially a computational structure and is the interface between the past and the future. It is the fractal folding and unfolding of information. The surface or interface has very slight variations that cause the information's dynamic (like a processor). If "now" is like a mirror then the past informs the future and vice versa, if it is more like a window then the future spills into the past with subtle variations that can never be predicted beyond some degree of resolution.

The idea that everything can be computed and everything can be explained is flawed. The dynamics of the system do not allow for completeness. Partial descriptions will always be the norm.

The density of time, cognitive overload and stress. There is a principle of balance. Humans are designed experience life's ebb and flows. You cannot spend all of your time at the high end of the spectrum. Make time for everything in moderation.

Small children believe that unless you lock eyes with them, you can't see them when they close their eyes. It turns out that they know, you can see their feet or other parts of the body.

The first conclusion would be that the child is naive but this is not the case. The child believes that their essence, spirit or true self is not in their body. This belief is common among all young children. This is the same idea as, the eyes are the window to the soul.

The reason you don't remember tomorrow is because your journey is unique. If you could remember tomorrow it wouldn't be unique. The reason you can't change the past is because you wouldn't learn from your mistakes. If you could change the past there wouldn't be any

mistakes.

Humanity itself is the fractal folding and unfolding of information. Unity creates division.

From two people the population can grow exponentially and each pair bonding is a reunification. The source of all things is some form of unification and the networking of our connections goes back to the source.

The reason you can't walk through a wall is not because of particles, it is because of fields.

If you were only particles (you wouldn't exist) but, you could walk through the wall the same way two galaxies can pass right through each other. When Rutherford discovered the nucleus of the atom, what he really found was another, smaller version of a field. Just like bouncing a tennis ball off the wall, the interaction is because of a field.

What we think of as a particle is a packet of energy, that can combine or interface with the environment in some way. The behavior has location but, we cannot say whether the material (particle) has location. The material could in fact just be an illusion caused by our incomplete understanding.

The human brain is a fractal antenna that could in fact, be reading fields that we don't even know about. These fields, if they exist would be quantum in nature. As an example migrating birds, photosynthesis and quantum random walks in state space.

Beauty is a curious mix of geometry and randomness and is perceived more by the heart than the head.

Every engine takes advantage of a difference.

Some part of your behavior is imprinted by the culture or society you are in and there is very little you can do about it. The more you understand the subtleties, the better you can navigate the landscape.

The people at a sporting event or rock concert are generating a field, a very intense field and something is feeding on it. You might think that mankind has discovered all of the basic fields in nature, nothing could be further from the truth. We are just beginning our journey of discovery.

Only life is an expression of the spirit, everything else is just a backdrop. Achievement has nothing to do with this dead material, the material is a means to an end and either has value to living things or not. When we measure achievement it will not be in dollars, it will not be in prestige, it will not be in credentials or any other material thing, it will have a higher purpose. It will be things like love, shared experience, intimate disclosure, connections, laughter, joy etc... Moving higher still, it will be about souls. The soul is not indestructible, in fact, I would have to conclude from the range of behaviors I see that it is quite fragile.

Emotional intelligence is a field of study that has not yet matured. There are those that will exploit the research to promote an agenda or prospect by treating E.I. as the latest fad however this fascinating field of research will yield some surprising and important results. After careful consideration, I have to conclude that the emotional dimension is more

important than the intellectual one. This is a very nuanced subject that is not going to give up its secrets willingly. A simple task will only require intellect but for a great challenge heart and soul will be a necessity.

The material world is a world of divisions, you are not your parents, this differentiation of meaning includes your purpose and your destiny, which are dimensions in a computational landscape.

The source that I speak of is a unity of perception but the perception creates division. This division has a dynamic that unfolds into and out of itself in some manner. Time and division belong together as if in a dance of expression and meaning. All meaning is relational, it is a dynamic of association.

Emotional intelligence, as a course of action, is more about understanding and less about manipulation, more about connecting and less about positioning. What we value matters. You are a composite of the things you are connected to.

For the most part, the entire world is focused on achievement. As a nested hierarchy, achievement becomes illusive. What matters are connections and understanding, built on the secure foundation of trust. You may decide to trust in illusions like achievement. You may collect a vast range of credentials and endorsements, but in the end, the value and transient nature of material things will fade.

The definition of "definitions" is an infinite network of associations.

In an infinite probability space, all behavior is possible but not all behavior is expedient.

Inside the Mandelbrot set is the non-computable region, the region is finite but the boundary is infinite. There is a bifurcation of expression. Everything inside the infinite boundary is part of the set and everything outside of the boundary escapes and is thrown into the outer darkness.

The number of behaviors that can be contained in a region of space is proportional to the force of gravity in that region. It is the folding of information into a region of space that contains a holographic horizon where all of the information is stored but because the horizon is colliding with other horizons, the information is mixing and becoming entangled. How much of the original form remains depends on the fields involved. The singularity or folding of information into a maximum compression generates another behavior, possibly spin. The event horizon is evidence of maximum compression. When we talk about isolated event horizons, we are referring to a particular time scale. At the scale of galaxies very long time scales are involved and at the scale of atoms, time scales and isolation are very much shorter.

All behavior is governed by fields generating forms. Information folds into and out of the holomovement as a form of computational geometry.

The internet has really brought the ridiculous nature of opinion into sharp focus. Information is relational and it moves through a landscape of dynamic tension.

Disagreement seems to be the norm, that is why there are so many religions. I would have to conclude that the 80/20 rule applies here. 80% worthless information and 20% useful information. Most people do not understand the consistencies and inconsistencies contained in the information they pass along. The most intelligent left brained dogmatist can be reduced to an idiot by an unfounded belief system or a strong emotion. This brings up a flaw in Gene Roddenberry's concept of the character Spock (Vulcan). Spock would not be without emotion, more likely, he would have a very finely tuned, useful, and well regulated emotional state that would, in fact, be quite strong at the right moment, if he were to be a superior intellectual creature. Think about the dimensions involved in appreciating something of great beauty. Your five senses may play a role but when your emotional state is engaged, that is when the real magic happens.

We have the ability to create beautiful things so, there should be much more beauty in the world. This is not a glass is half empty/full problem. It is not difficult to see the enormous amount of ugliness in the world. It is becoming impossible to ignore. We should do better than this. When someone provokes you, should you retaliate? Do we want to move to higher values (states of being) or lower ones? It is harder to lift someone up than to pull them down. Are we just being lazy? Make a stand, create a more beautiful world every chance you get, at some point your time will run out, today would be a great time to get started.

DNA is using some form of quantum computation that is so sophisticated that we are having trouble understanding it or even recognizing that it exist. Material expressions that result from these molecular communications, are really the new frontier. The high end of computation will be in organic material, not silicon.

Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite.

Love is the material manifestation of the spirit, being a form of action that includes both shared experience and intimate disclosure.

Since we have been given the gift of free moral agency, we are required to take on the responsibilities included with this freedom, each being responsible within his sphere of influence. To promote dignity and well being among all men as is our moral duty. To ignore or deny moral responsibility is a cancer to any society. No man is an island and if our brother suffers, we too will certainly suffer. Our hope is peace, founded in love and good will towards all men. We are not required to suffer the fool. When a fool rises up to promote his form of stupidity, he must be brought to justice, else we all suffer.

Who, by force of will, can add one minute to his life. Do not be so arrogant as to assume that you have achieved anything of significance. We are still, only children in a world we can't explain. Keep your sense of wonder, enjoy every moment you can, in the end, we should not be ashamed, but amused by the foolish maneuvering for position, in a world that comes to nothing.

The human mind is a processor for predicting the future. Over the years your mind will build up layers of filters, these filters are used to create a controlled hallucination. Your

brain does not like to be wrong, this is why placebos work so well. This process dulls your connection to the spiritual realm. Innocence on the other hand is unfiltered perception. The brain has not had time to develop an ego. This is why small children are so precious. A baby begins life with no perception of differentiation, they feel connected to their mother and they are much more connected in a spiritual sense. Loss of innocence de-energizes the psyche. The life and blood of very young children is of extreme importance to the workers of dark magic and their obsession is going to cause them to slip up, big time. Look up: Madame Helena Blavatsky and Aleister Crowley (Helena and Aleister were both aware of this phenomena). It is exactly this movement towards power and control that drives men into dark magic.

Meaning lives in that space between stasis and chaos. Measuring the coastline of England is a great metaphor for describing the fractal nature of information. With a very large ruler we will always get the same answer, about 7,723 miles, but as we move to finer and finer scales the answer begins to fluctuate between some range that continues to increase as we move to finer scales. At some point the dynamics, nuance, or level of description becomes so energetic that no answer is possible and the meaning is lost.

The intellect is the earth, the emotions, the sky and the spirit, the universe beyond.

The world is a labyrinth of ideologies that are, for the most part, educated guesses. Truth always appears to be just out of reach but close enough to get a sense of it. Mingled into every perceived experience is the dithering of random noise the brain uses for processing, and so every truth has a bit of randomness, meaning is built from this process. You are almost never in a position to defend truth, any truth, you are moving through a network of associations, where meaning and understanding fluctuate.

Perception and understanding move together, and are, in a sense, a division of the holomovement. A division of time creates conscious moments, these moments are part of a nested hierarchy. Our experience cannot be contained in any particular level of this hierarchy, our experience is smeared across many levels. The multi-dimensional experience is at times, thin at one level and thicker in another, very much like the surface of the ocean when you broaden or narrow your scope.

If we can describe all behaviors as computations on a system that displays both holographic and fractal features, what does this say about motion and energy, acceleration being of particular interest. I would suspect that the level of description continues to increase proportional to the acceleration. As a computation the resistance would occur as a result of the processor reaching some upper limit.

The holographic nature of physical reality would suggest that, without sufficient resolution a behavior cannot be manifest. As an example; an image of a small object on a holographic plate is stored everywhere on the plate however, if we cut the plate down to a small enough piece there is no longer enough resolution remaining to represent the object.

The heart and the head process information differently. The head is sloppier.

All behaviors fall within some particular range, over many iterations, this range always

tends towards infinity unless some organizing principle is involved.

Profound beauty is very much like profound truth, in that there is a harmony or balance between the many elements or dimensions involved. Our connection to both beauty and truth are possibly, the gossamer strands of subjectivity that are both undefinable and fragile. A careful analysis of either beauty or truth will only diminish their quality. This would suggest that mystery is one of the dimensions.

The idea that emotion is a very poor master, fails to understand how the heart processes information. The heart has to learn just as the head does, and this does not happen by accident but it is also nothing you can completely control. It is more like a dance, sometimes the head takes the lead but for many people, it is more often the heart. Action is the key principle, do good, wherever you are, start there. A little kindness is just as important as a big one. In a world with so much ugliness, a little beauty shines all the more.

An infinite fractal boundary versus pixels on a screen. With the fractal, as you zoom in, it is just more of the same. With the pixels, as you zoom in, (if we are talking about a hologram) at some point, you will be left with only one pixel to represent the entire image.

The human heart is unfathomable, who can know it? Having an explanation isn't the same as understanding. At best, a psychologist has an incomplete explanation. They may try to compensate for this by putting more letters after their name. You can have two psychologist that are considered experts in their field, disagree as to why a certain behavior was manifest. You can have many explanations, some better than others, but all of them incomplete.

The universe is a musical composition, in that, there are relationships between the intensity, duration, and frequency as a nested hierarchy. These relationships contain meaning that is read by all of the constituent parts within the sphere of influence. Consonance is very different from dissonance but both are required for expression. The quality varies and for sentient beings this quality is given value. Man was not created merely to survive, survival is not the engine of life, meaningful expression is.

What you are connected to matters. If you are connected to hate and aggression it will permeate your being like a cancer, causing wounds of some form. These wounds are highly infectious and you can easily spread them throughout your community, and many unwittingly do this. These wounds cannot be treated by being lazy, there is no easy route to recovery. A little laughter may cure a small wound, but for a great wound, only love can heal. Love is a process that cuts through many realms, including the physical, the emotional and the spiritual.

If you are trapped in a vicious cycle of behavior, I am hopeful that you can rise above your circumstance and from the vantage point of understanding, remember who you are, forget about revenge, evil and hatred, and love your enemy. It is a great honor to rise above circumstance.

Nothing makes a man more invincible than to "know" that death is not the end.

Love must be a material expression of the spirit. It does not exist until it is given away.

Certainty lives inside of simplicity, simplicity lives inside of truth. Every sufficiently complex event is statistically impossible. Any repeatable behavior that we can measure with great precision would, by necessity, be closer to simple and that makes it closer to truth.

Most of what we observe is a nested hierarchy of behaviors, the deeper the hierarchy, the more nuanced.

Because the event horizon stores all of the information within its volume, and the position of the event horizon is determined by gravity, there must be a correlation between gravity and information. A description of a black hole is very much like a description of the Mandelbrot set. The event horizon and the infinite boundary being equivalent. Consciousness could also be described by these features.

When robots require a psychologist then we will have reached a level where we can talk about A.I. The reason is complexity and emergence. To be sentient requires a level of complexity, we don't understand.

People are not precise, no-one is. If you don't believe me, try asking for complex instructions to some task. Every person will weigh the information, give you what they feel is relevant to but not to the point of exhaustion, and will assume you can figure out the difference. If they are being thorough they will still stop at some level of description because the nuance involved may simply be too deep.

The age of information has unbalanced our thinking and skewed our understanding. It's very easy to prove that the emotional component is superior to the intellectual one. Emotional processing is far more complex and is used throughout the animal kingdom but almost everyone considers emotion something to be ignored. Emotion is also closer to spirit than intellect, in the hierarchy.

The geometry of emotion is more prevalent and more powerful in qualia space. The shape may be some form of fractal antenna, reading fields in the quantum or spiritual realm.

The boundary between the non-computable region and everything outside of the set is not an infinitely thin line, it is a region that has depth and density.

Each conscious moment is a collection of things that can't be separated, except by another conscious moment.

It seems strange, that a conscious moment could include both the past and the future but this is correct. The past and future are both constrained by a fractal probability distribution.

When organic material is completely programmable, everything will change. This organic matter will be exquisitely efficient at reading fields that we don't even know about.

Perception is, in a very real sense, an awareness of differentiation. Women and men are different for a reason, you have to look beyond the physical realm to really understand what

is going on. Women complete men and men complete women. If we blur all of the lines, we will end up with a compromised level of awareness.

The mind is never still, what is fluctuating is awareness. An insufficient level of awareness is indistinguishable from ignorance. It is certain that there is a spiritual component to our reality. If you don't see it, it is because of your dull awareness. Do not let others do your thinking for you.

Additional Resources:

[Holons and Holarchy of Arthur Koestler](#)

[A Hundred Years of Archetypes](#)



## Chaos and Management

It is better to understand the natural laws that govern society than to create man made laws that will not work.

**You have to ask yourself, what kind of an organization do you want. Do you want an organization that requires a powerful and ruthless leader or do you want an organization where everyone genuinely cares about one another?**

If a system is sufficiently complex, all we can do is, tweak the parameters, run it in real time, and watch what happens. How do natural systems find balance? They have no choice, it is either balance or oblivion. All natural laws retain the balance contained within the scope of that law, no man made law can do this. In societies where natural laws are in operation, lawyers are rare but in societies where these laws have been subverted, you will see an escalation of litigation. Having an overwhelming sense of entitlement is not a virtue.

When we speak of natural law, we are speaking of a high and lofty thing. Few men have the capacity to truly understand these laws. They dabble at power and control and dig for themselves and others a pit from which no man can escape and in the end the law returns and covers them over.

**As a process passes through a system, a hierarchy emerges. The form of variation is scale dependent.**

Society as a whole can be thought of as a system. Because value creation is such a subjective thing our metric must be the system itself. This is the idea of "the ends justify the means" but there is a caveat, we have a feedback loop which causes the means to feedback in a manner that is very difficult to predict. The principles involved can be stated as; extreme sensitivity to initial conditions, criticality at the edge of chaos, resolution and scale, nested hierarchies and unpredictable results. Your influence on the system depends on what you are connected to, along with the systems influence on you. Your values branch out into the network of associations and connect to possibilities. The more good values at the individual levels, the better the chance of finding a fitness peak. Things like trust, dignity, love, charity, empathy and reciprocity matter. In summery; what we value matters, we become what we are connected to. The greater good says "the ends justify the means" the common good says "the means are all important."

**Liberty is inherently opposed to government, there is a dynamic tension that must maintain balance.**

In order for a people to want to contribute to a system, they have to be invested in the system. These connections are so important and involve both previous contributions and trust in future returns. A key feature in maximizing the health of the system is opportunity with increasing levels of contribution/reward cycles. Without this, trust is difficult to build. The worst thing to do is create entitlements through handouts. The main point; trust is built slowly over time and can be destroyed very quickly, handouts destroy productivity when overused. Under the proper conditions, an amazing amount of prosperity can be created. Positive emergent behaviors require liberty, community, investment, trust, etc...

**The number one job of management is to optimize desirable behavior.**

Good management is about navigating the fitness landscape wisely. A great manager can move very efficiently in the wrong direction. The goal is not growth, it is understanding your business, understanding customer needs and meeting those needs in an efficient and effective way. Growth is a result.

The fundamental flaw in most organizations is the idea that they have power or control. This is an illusion, what we have are degrees of freedom. You will never completely understand the system, it is dynamic and chaotic. The focus is to understand as much as possible (awareness).

Concentrations of power in control systems or top down control must be limited to the systems where the results are optimized. This turns out to have a very small number of applications, because very well designed systems will have a nested hierarchy, with self organization operating independently to some extent. When the higher levels try to manage something that was already self correcting, we end up losing fitness in the system, this can cascade through the system in a butterfly effect.

There is the main purpose of a company, which is to get as much quality product or service out the door as possible for the least amount of money. Superimposed upon that is a political structure that ranges from brilliantly engineered and executed, to poorly conceived and hastily implemented, along with a culture that ranges from highly ethical to toxic. Controlling this dynamic system has always been tricky. Often the problems are difficult to spot, you have to know what you are looking at. As you encounter a problem repeatedly, it becomes more noticeable. This is the evaporating cloud in constraint theory. The idea of achieving buy-in from employees and boosting moral is more of an art than a science. It is a dynamic system with variation that follows complexity laws. The ultimate drivers of positive change are brilliant leadership and clearly defined goals. We have to think in terms of hidden variables, extreme sensitivity to initial conditions, and unpredictable results, using a goal oriented focus and smooth integration of diverse opinions. It is a significant benefit to promote equitable distribution of labor, and cooperation verses competition. It has been proven that sticks and carrots or rules and incentives don't work. We can however observe the performance of individuals and guide them in the direction of success by determining and utilizing their natural talents.

Building community is probably the most important activity, at every level of the hierarchy of social interaction. The consensus agreement of the group will steer the ship to calmer waters. The storms will come, but the crew will be focused and ready for the challenge.

In order for a people to prosper, they must be free to follow their dream, which fuels the desire to build a better world, not just for themselves, but for their community as well.

[The Dynamic Psychological Field: By R.J. Rummel](#)

[Bohm's Gnosis: The Implicate Order](#)

Freedom is more closely linked to responsibility than to power. The most powerful people may in fact

be the most deceived due to their position in the intentional field of implicate order. There are degrees of freedom in our fractal reality. The variation of possibilities is structured in a hierarchy of the greater good, whereby all of the layers require balance, not just the final layers. The amount of wisdom required to achieve this is beyond the scope of human comprehension.

**The child is swayed by every flight of passion, the man by responsibility.**

How does local fitness or individual fitness relate to overall fitness in a system? Measuring responsibility is a useful gauge in determining fitness. We may notice a loss of personal or local fitness in time and resources and we can compare this to the payoff. While we may have a very large payoff, the distribution does not always favor the individual or local group, and so is seen as a loss, however since the payoff was very large the system's fitness goes up a significant amount. How this all balances out down the road is beyond our horizon, so we have to take on these responsibilities in faith. Wisdom is in seeing not just the overall effect of the big picture but also the dynamic integration or flexibility in terms of its health in time scales that extend beyond our horizon and connect to unforeseen variables that are driving the dynamics of the system in ways that our current understanding does not allow us to measure. It should be clear that in a society that is prospering individuals take on responsibilities, believing that the outcome will be good, and in societies that are deteriorating no-one wants to take on any responsibility. The "what's in it for me" syndrome.

In economics, the idea that greed is good has something to do with criticality at the edge of chaos. The energy drives the system but it is very unpredictable. The question would be how to manage the chaos. The larger the system, the more elements, and thus, the greater the unpredictability.

**Managing growth is a delicate art that requires an enormous amount of wisdom.**

Manipulating a system as complex as the global economy is just like the disaster of forest management in the western USA. There was a natural cycle of lightning strikes that would occasionally burn the undergrowth in the forest but forest management crews began putting out these small fires and now the undergrowth is so dense that if there is a fire, it will take out the whole forest.

The customer centric organizational structure will most certainly replace most of the business models in existence today, it is inevitable. The reason is simple, the majority of activity is focused on meeting customer needs instead of pleasing the person just above you in the pyramidal hierarchy. If you are not on board with these concepts, You are already falling behind. Cater to the customers' needs, not their wants. Those that engage in activities that directly affect the customer are the most important members of the team, everyone else is part of the support group.

**Planning, awareness, and communication are essential.**

You can easily end up preaching to the choir, the slightest disagreement and you get shut off by the people that need the information most. There are some substantial disruptions on the horizon. Things we can't even imagine right now. Also, bureaucracies often become unmanageable, they are not the solution it would have to be some form of grassroots movement. As an example; the most experienced people in an organization should take the initiative and train others whenever possible, even if they are too busy, the reason they are always too busy is because there are not enough trained people, etc... Behaviors are scale dependent and can only be predicted within some range, however the rogue wave is out there. These systems are linked to the perception of value, what we value matters. If we can't identify and understand what is most important, we will very quickly move in the wrong direction. What we need is practical wisdom and a moral compass. Intellect is the base of the pyramid, above that is the realm of emotions, (chess computers don't enjoy winning) and above that is the realm of the spirit. It is not the job of the intellect, to tame the passions of the heart, that is the job of the spirit. We

are not material creatures having a spiritual experience, we are spiritual creatures have a material experience. Quantum random walks in state space are not constrained by space and time. We are made of stuff but this stuff is something that cannot be regarded as real. [Bruce Lipton](#) has argued that the cell membrane is a form of processor. There is sophisticated communication occurring all the way down to the scale of molecules and perhaps beyond. Every model we have constructed so far has the quality of a metaphor, it is possible that all natural laws are emergent. At the end of the day, all we have are the relationship of measured things and incomplete descriptions.



Bureaucracy is a strange animal, and often is not well suited to the environment it is in. A very large bureaucracy can become parasitical.

### **When you have fifteen managers watching one worker, you might have a problem.**

A bureaucracy creates policies that must be enforced and so we have the police. This top down model has limitations. It is highly susceptible to low level black and white thinking and does not possess the dynamic variation necessary to discover the maximum number of solutions possible. A better model would be coaching. A coach guides the direction of the team that has a quality of self organization, creating an amazing number of possibilities through the process of emergence.

The mediocre complain about the more fortunate and the less fortunate with equal enthusiasm. You can get better results from brilliant processes and average people than you can from mediocre processes and brilliant people.

Why problems don't get solved; people for the most part, only care about problems that affect them directly. What is often missed is the fact that these problems branch out and make connections like a web, and can cause a butterfly effect (extreme sensitivity to initial conditions). These are systemic anomalies that should be identified and addressed.

There are different ways to approach a problem. One way is to focus on the negative aspects, this is actually very easy to do and seems to be the default. Another way to approach it would be to work to understand the connections, dimensions, and dynamics involved, this will require effort. Attitudes are tied to belief systems and self narratives, core values and reciprocity. Observation from as many angles as we can manage will go a long way towards understanding. Possible solutions often have unexpected consequences and so we will often have to adjust as we go. A well designed system will self organize

so that, very often, problems will correct themselves.

The global system has a dynamic that is accelerating, with turbulence that we probably won't be able to manage well. If I do not answer the why question, I should not proceed to the how question. Let's say we ask the question "why should I become wealthy" the desire for money drives the system in ways that are difficult to predict and the very wealthy game the system to their advantage. The desire of the average person gives the very wealthy more advantage and no-one is asking whether we should be trying to find a healthy balance in the system. In other words "the game is rigged." Every gambler should understand not only the odds but also the deeper meaning of life. Our core values are the most important part of living. This has a spiritual component that will never be discussed or questioned by people that care far too much about money. The middle class is the engine of our economy (the producers and customers), and the middle class is dying.

**There is an interconnectedness to all things. The real genius is in seeing the connections and understanding their implications.**

Nothing novel or interesting happens unless it is on the border between order and chaos. Our influence on the fitness landscape is multi dimensional. We are part of a system. The individual components are entangled in this system and so our influence branches out into this network like ripples. It is easier to move to a plateau as a group than as an individual, unless you are a profoundly gifted individual. Assessing and shaping interpersonal dynamics is essential in the health of any organization.

If we are determined to employ a static control mechanism (rule of law) into a dynamic field (society) what we often get are lots of unexpected results. It is certain that when chaos is injected into the system somewhere near the edge of criticality, parts of the system will self organize. This does not mean that the fitness of the system will go up, more often the fitness is likely to go down. Like the economic system, we should expect any artificial constraints to have an influence up to a point beyond which, the system will seek balance. This could be a medium sized event or just like earthquakes, a very large one. As the system matures it goes through stages, often moving from a competitive environment to a cooperative environment with agents forming a range of associations. If the stakes are high enough and the complexity is rich enough you will get very sudden cascades from chaotic attractors. The fitness peaks will become steeper and the whole landscape may become very extended in the vertical axis. At some point an avalanche of monumental proportions will be produced. This is what extinction level events are.

What is success, taking the broader view. There are far too many myopic definitions of success, it fails to grasp the fitness of the system as a whole. On its face, it is unsustainable and will lead to suffering on a scale never before imagined. If we could create an accurate model of the the fitness landscape as it now stands, you would see declining peaks and immense, powerful, attractor basins. It is the very short, dynamic life span of microorganisms that give them the best chance for success and it is the same for human cultures. What we should also understand is that only a small number of these organisms will reach a sustainable fitness peak. Multiple strategies are always in play, including competition, cooperation and some combination of the two. The larger the organism or organization, the slower the mechanism of adaptation and the larger the outcome when it is pulled into a basin. It should be clear that technology is the game changer. The disruption to the system can be so enormous it is no longer possible to calculate or even get a rough estimate of the outcomes, no matter which direction we seem to be moving in. Climbing up to a fitness peak will become harder and take more and more effort and plunging into a basin will be rapid and more and more common.

Competition is not good or bad but it does have a space in the system where good outcomes are highest, we just need to figure out where that space is and the same thing applies to cooperation.

## **Education has become the integration of a people into a particular role for a bureaucracy.**

Gaining enough experience to be proficient at a given task versus acquiring credentials; is it validation that becomes so important? Why should credentials be so expensive, we have long passed the age of books and classrooms. This is a control issue. Are Harvard and Yale just a boot camp for the elite? We need to supercharge learning, not suppress it. Very large bureaucracies are slow to react, change is the new norm. The distribution of resources must be managed well, the pool of talent is there, limiting resources would be a costly mistake.

## **Have you been called to greatness? There is a way to tell, do you have a pulse?**

Everyone wants to be a leader, everyone wants to be a mentor. The desire to be honored is often stronger than the desire to help others, this can be a problem. The people that had the most positive influence throughout history were almost always in service to others.

One of the best ways for those in the higher levels of an organization to build community is to minimize social distance, it is also one of the best ways to build trust. So how do you minimize social distance? Develop your interpersonal skills, emotional intelligence and spiritual awareness. Character trumps circumstance every time.

A companies people are its most valuable resource. Your team isn't going to just walk in the front door. You have to build a team. In real estate it is location, location, location. In business it is culture, culture, culture. However, culture is herd mentality, creativity lives in the fringes.

## **How good is a particular course of action and how can we measure it in complex systems? Pragmatic idealism is the idea that we should value the methods that actually work, as a method of interaction, having measurable consequences.**

**The pragmatist;** don't bother me with the details, make it work.

**The pragmatic idealist;** Let's find out what actually works.

**The idealist;** let's come up with as many great ideas as we can and give them to the pragmatic idealist.

**The engaged employee;** our team is always reaching for and focused on the goal.

**The disengaged employee;** whatever man...

**The actively disengaged employee;** chaos is fun, let's screw something up or, I must share my misery.

The stabilizing factors that govern societies vary from culture to culture. If we do not understand what these stabilizing factors are, we will suffer the consequences. As an example; Iraq seems to require a strong and ruthless leader.

Everyone wears a mask, there is a mask for every occasion. It is by a tedious, lengthy, examination of their actions and words that we discover their values. If they value the right things they are well deserved of our allegiance and if they value the wrong things put between them and yourself as much distance as you can.

Where is your allegiance? Is it in a person, an organization an ideology? If we think of the system as a whole, We should place our allegiance in the things that promote the health of the system. For this you will need practical wisdom.

Pay it forward; We do this for our children and their children, that they might be free from the struggles that have so plagued man and caused so much suffering. Certainly mistakes have been made, if we keep these ever before us as a reminder that wisdom is a precious and illusive ideal, and the greater good is ever before us beckoning us to be wise.

What is a storm? Is it a test, a challenge, an obstacle? You never really understand a storm until you are in one, but the other side of the storm, that is another thing altogether. The storm is going to cost you something, there is no getting around it. Whether it gives something back is entirely up to you.

Your whole life is a series of compromises. Compromise is linked to value, your values are dynamic, they are always in flux. Put these dynamics together as a system and you have a society. This society is like a chunk of iron whose magnetic moments (both orbital and intrinsic) cancel out because they are pointing in various directions. As these magnetic moments are lined up you begin to create a field. This field is the consensus agreement of the group. Like the wisdom of the crowd, this field is an emergent property. The orientation of the field might create fitness or destruction. The power is in influencing the fundamental layer of this structure. Someone will want to influence your thinking for an agenda. There are those that understand the power of group/think. What they could not possibly understand is where we will end up. We should not be using manipulation to achieve an end.

Companies are in a difficult position, the challenges are endless, dynamic and even at times, chaotic. Brick and mortar stores are being assaulted by the internet and the pace of change is becoming unmanageable. There should be more passion on the part of employees because of the world we find ourselves in. Really, it is time to step up and make a difference. As a society, we have reached the "failure is not an option" point. We were not put into this world to figure out what is best for us. We are here to learn how to love. It is all about value. For good outcomes, we have to value the right things to make the best choices. What we value matters, we become what we are connected to. Living has something to do with connections. We are supposed to connect.

### **Words are shadows, action is substance.**

Balance in your life matters. Loved ones, sleep, healthy meals, work, and exercise should each be given their proper place. Don't try to do too many things at the same time or you will do none of them well. Don't try to do it all, empower your team. As your attention is divided the opportunity for error increases exponentially. The paradox of choice; the more options there are, the harder it is to choose and the higher the expectations and so, the satisfaction is diminished.

If you are engaged in repetitious work such as a manufacturing job, excellence requires developing good habits or procedures, finding the process that works best and repeating it until it becomes automatic, then you will be spending most of your time in autopilot. Your subconscious mind does 95% of the processing. This frees up your conscious mind for more important things.

The company is much like a vehicle, it can take you where you want to go. When we negotiate, we must do so from a position of strength, not weakness, in other words, if you want this vehicle to run well you must care for it like your livelihood depends on it. There are aspects of this relationship that are non-negotiable, such as, you cannot use a gallon of fuel to go a thousand miles (unless you have talent in the range of Steve Jobs).

The human heart is a deep well for some and a bottomless pit for others. Self narrative drives emotional health. When we tell ourselves lies about who we are, we expect others to reinforce our narrative and when they fail to do this, it creates strong emotional currents. This is one reason why being humble is a healthy life style. An honest assessment of who we are will give us a form of immunity from most of the drama. On the other side of this coin is the potential for manipulation. Reinforcing another person's narrative can be persuasive. Our personality is shaped by our environment. This is why it is so important not to allow yourself to get tangled up in a toxic environment. You are not required to give others permission to provoke you. Some form of appropriate push-back may be necessary. However, if the situation continues unabated, you should remove yourself from that environment. Life is too short.

There is what I will call "the laziest common denominator," whenever there is a disruption in accountability you will probably see this. Basically it is the idea that "if he's not gonna do it, I ain't gonna do it." The general trend is downward. The problem almost never corrects itself but requires intervention. A disruption in accountability is never good. We need to hold each other accountable from the bottom to the top.

Rule of success #1, you have to want it.

### **Measuring success:**

**Level 1.** Give a man a fish and you feed him for a day. There is an illusion of control here, you have the fish and he is dependent.

**Level 2.** Teach a man to fish and you feed him for life, or until the source is exhausted.

**Level 3.** Teach a man to care for and harvest a fishery and you feed him and his descendants, as long as the fishery holds out, or until it is overrun and destroyed by others or is taken away.

**Level 4.** Integrate everyone, everywhere, and teach them to care for their community and their environment, without the exploitation and destruction that comes from not completely understanding the system and our impact upon it.

**As the complexity in any system increases, the ability to form a correct understanding decreases exponentially.**

The system is so complex that I have had to abandon my faith in the "so called" experts. We are all, everyone of us, amateurs. Our influence on the fitness landscape is multi dimensional. We are part of a system. The individual components are entangled in this system and so our influence branches out into this network like ripples. It is easier to move to a plateau as a group than as an individual, unless you are profoundly gifted.

When we look at a company there are many things going on. The less you understand it, the more chaotic it looks. The behaviors are both a consensus of the actors and a set of individual goals and depend on what the actor is connected to. Some behaviors will be very simple (push a button every hour) and the actor can be changed with no measurable difference, to some degree of resolution. Other behaviors are so complex that even if all the actors and all the other factors are the same, you will see a noticeable difference in behavior that cannot be predicted. Profit occurs in many layers and exist in the system in more than one way and in a sense, has a hierarchy. Profit to individuals, to teams, to the company as a whole. You could say that all profit is equal but some profits are more equal than others. In a sense, profit and value are the same, and the system is healthiest when the value is maximized throughout the hierarchy. Novelty plays a key role is shaping the behaviors that emerge from the actors. This novelty comes from imagination. The value is intimately linked to meaning. If it doesn't apply, it doesn't have meaning.

Planning, awareness, and communication are essential in conducting all of our activities with a reasonable level of safety. Accidents are novelty gone bad.

Further Reading

[THE RELATIONSHIP BETWEEN SPIRITUAL INTELLIGENCE, MINDFULNESS, AND TRANSFORMATIONAL LEADERSHIP](#)

[Stephen Hawking: Greed And Stupidity Will End Humanity Earlier Than Expected](#)

[Experts Revealed The One Thing You Need To Truly Be Happy](#)

[How Suppressing Volatility Makes the World Less Predictable and More Dangerous](#)

[New findings refute groupthink, proving that wisdom of crowds can prevail](#)

# Natural Law

All natural laws retain the balance contained within the scope of that law, no man made law can do this. It is better to understand the natural laws that govern society than to create man made laws that will not work.

The laws of nature mirror social interaction in that they are emergent behaviors.

The best form of government man can create is a Constitutional Republic, with the rule of law.

In societies where natural laws are in operation, lawyers are rare but in societies where these laws have been subverted, you will see an escalation of litigation. Having an overwhelming sense of entitlement is not a virtue.

In any society, concentrations of power should be avoided at all cost.

When we speak of natural law, we are speaking of a high and lofty thing. Few men have the capacity to truly understand these laws. They dabble at power and control and dig for themselves and others a pit from which no man can escape and in the end the law returns and covers them over.

The laws of God and nature compel me to adopt a live and let live policy.

If we are determined to employ a static control mechanism (rule of law) into a dynamic field (society) what we often get are lots of unexpected results. It is certain that when chaos is injected into the system somewhere near the edge of criticality, parts of the system will self organize. This does not mean that the fitness of the system will go up, more often the fitness is likely to go down. Like the economic system, we should expect any artificial constraints to have an influence up to a point beyond which, the system will seek balance.

This could be a medium sized event or in our case, most likely a very large one.

Democracy Versus a Republic: The lynch mob explanation; when a democratic mob catches someone they think is a murderer they stop at the nearest tree and vote on whether to hang him. In a republic with the rule of law the suspect is taken into town, given a fair trial by a jury of his peers and if found guilty (beyond a reasonable doubt), he is hanged.

Moral relativism and behavior. If a person is engaging in a behavior that harms only themselves and no-one else, should it be discouraged? The best way to measure this would be its impact on the fitness landscape. While a small number of people doing this would have a negligible impact, as the numbers rise, the impact becomes more and more destructive, following a power scaling law, so we have to decide at what point we can no longer tolerate the behavior and begin to discourage it.

In case it wasn't obvious, it is responsibility that greases the wheels of progress, it is responsibility that binds societies together and it is responsibility that makes a man a man.

Entitlements are the best way to ruin the lives of your children.

If our leaders ignore the rule of law, it is certain that they have broken the social contract.

The social contract is not a declaration of perpetual war but of lasting peace, whose regulation is charged by the will of the people, under the rule of law. I pray the we are wise enough to keep our moral compass.

What happens when we consolidate power and erase borders? The system self organizes into a new structure with new borders and a different diffusion of the power structure. Fighting a natural law is futile.

Hierarchical organizational structures are highly susceptible to corruption. This is why the rule of law is so important. Without the rule of law, those in the higher positions of an organization are more predisposed to the kinds of unethical behaviors that plague all of humanity, only the consequences are much worse. We are not in a democracy, we live in a constitutional republic with the rule of law. The average democracy will only last about 50 years because it is prone to corruption from within. That is its weakness.

The lawful regularities of our physical reality are emergent.

Static laws emerge from dynamic relationships but only to some degree of resolution.

Congress has become a "design by committee" organization. Quite often a politician is a lawyer gone bad.

Principles or laws that govern the affairs of men: Men are driven by intellectual pursuits to a lesser degree and by emotional factors to a greater degree. For the most part, there are no checks and balances in place to correct the turbulence or disruption to the system and when you factor in the spiritual component (belief systems and values, etc) things really get complicated. The result of all this chaos is that men begin killing each other and the main reasons are the lack of practical wisdom and no moral compass.

The consolidation of power will be our undoing. In any society concentrations of power should be avoided at all cost. This includes the financial sector, the political sector and especially religion. Power corrupts. We need to move towards a broad based self organizing free market economy. We need to get back to the rule of law. We need to stop forcing people to accept our particular version of ideology. In self organizing systems if an ideology is wrong, it will burn itself out or become painfully obvious.

The idea that social engineers understand the human condition is fatally flawed and their conclusions will only result in a further deterioration of the social fabric (blow back, etc...). The more incompetent you are the less you realize it. We are talking about a system that is so complex that it makes weather systems look simple. We cannot predict what the weather will be in thirty days, we can only give a range of behaviors. It is even more difficult with social systems. Especially if you ignore the spiritual component.

A very clever lawyer can create a lot of damage, we can only hope that lawyers never figure out how to manipulate physical law.

You have the lone visionary whose idea rises above the noise, and then you have the mediocrity of the committee. So, how do we balance the two? Who decides which ideas are the best? This concern is very different from the concern of what happens when a small group gains too much power and control (oligarchies and criminal enterprises). We should always be suspicious of power. In any society a concentration of power should be avoided at all cost. Checks and balances were built into our Constitutional Republic to prevent corruption but the system isn't perfect, for example, a very clever lawyer can create a lot of damage. We have to think of the system as a fitness landscape with many unpredictable self organizing parts and we must look for ways to balance the system to achieve the maximum fitness.

Degrees of freedom versus levels of description in a system. The system must use a principle of organization to combine or unify the behavior of a collection of the constituent parts, so that an emergent behavior will manifest. The degrees of freedom for the collection is less than the degrees of freedom for the sum of the parts without this organization. This is true of physical laws and consciousness. We cannot describe the behavior until we reach a scale where we can see the collective organization, this is when the information about the behavior emerges. Principles of organization can exist at many levels in the hierarchy.

Democracies are extremely fragile, why would anyone want to call our Republic a Democracy? A Democracy is mob rule, a Constitutional Republic with the rule of law attempts to balance the turbulence through representation (just men not self serving jerks), along with checks and balances.

Every model we have constructed so far has the quality of a metaphor, it is possible that all natural laws are emergent. At the end of the day, all we have are the relationship of measured things and incomplete descriptions.

The mathematical description of the plank scale is based on assumptions that are, so far, unproven. We may very well find that as we move to finer scales, there are an astonishing variety of behaviors that have no bottom. What we think of as natural law is an organizing principle that is scale dependent.

Any government that uses law to justify crimes against humanity is banking on the idea that they will not ever have to give an account for their actions. This is a categorical mistake, I would not bet my soul on the outcome.

Truth is the law and time is the process of explanation. As the explanation is passed around it is changed and the further from truth we get, the more dynamic the process becomes.

We have a perfect storm of unprecedented situations. Shrinking middle class. Aging population. Velocity of money in decline. Retail stores collapsing. Economic disparity. Sovereign debt. Rule of law being ignored from the bottom to the top. Disruptive technologies increasing. Strategies to solve these problems are either very poor or nonexistent.

The ability to keep the power of the three branches of government separate so as to preserve liberty is no longer possible. Power in government is now so entrenched that it will destroy the very thing that is keeping it alive. All laws must be legislated by our representatives, all bureaucracies managed by the elected officials and all judgments decided by just men and the will of the people. Corruption should

not be allowed to infect the decisions of our leaders.

Creating a robust, dynamic economy; The number one priority is the environment, the healthier the planet, the healthier the economy. The number two priority is maximizing opportunity. The middle class is the engine of the economy and opportunity is better than handouts. The number three priority is liberty because it is the greatest driver of innovation and motivation. The number four priority is rule of law, all people must be equal under the law. The fifth priority is separation of power because no society can long endure when corruption is allowed to gain a foothold.

Did rules create behaviors or do behaviors create rules, or maybe it is some combination of these two. In the physical world the operation of cause and effect break down at some resolution for reasons we don't yet understand. This would suggest that what we think of as a fundamental law is probably a different animal altogether.

The correct implementation of a Constitutional Republic with the rule of law is, a good and moral mayor, selected by the people, oversees the city, a good and moral sheriff, selected by the people, oversees the county, a good and moral governor, selected by the people, oversees the state. All of our elected representatives must be of good character and also possess the necessary capabilities or qualities along with a sense of fiduciary responsibility, in short, the moral will and the moral skill to do the right thing, and we rely on our best citizens to lead us to prosperity.

When the system is broken, people from every level of society try to game the system to their advantage. There are levels of broken and I do not want to know what the bottom looks like.

In order for a people to want to contribute to a system, they have to be invested in the system. These connections are so important and involve both previous contributions and trust in future returns. A key feature in maximizing the health of the system is opportunity with increasing levels of contribution/reward cycles. Without this trust is difficult to build. The worst thing to do is create entitlements through handouts. The main point; trust is built slowly over time and can be destroyed very quickly, handouts destroy productivity when overused. Under the proper conditions, an amazing amount of prosperity can be created. Positive emergent behaviors require liberty, community, investment, trust, etc...

The idea of spiritual intelligence is flawed. We should be thinking in terms of spiritual awareness. Spirituality is not an achievement it is a relationship. Spirituality does have qualities such as mindfulness but this has nothing to do with the will. Awareness is releasing or surrendering the will, not exercising it.

We have the benefit of history as a guide for organizing social systems, whereby many generations looked for ways to optimize their societies and it is amazing to me how few people today are looking back at these valuable lessons before forming an opinion. Traditional approaches to living have a proven track record of success. Progress is not measured by how new an idea is and we do not live in a Democracy for the simple reason that Democracies are fragile. Our system of government is called a Constitutional Republic with the rule of law. The key features are representation, separation of powers and equality under the law. Tuning this system for optimization is proving to be tricky because of human nature.

I personally feel that the universe behaves more like a song than an equation because math is about

static law and music is about dynamic expression.

Is truth complex? No, truth relies on harmonious regularity in some form. Life is complex, containing both harmonious regularity and chaos. The universe itself is irreducibly complex, as a finely tuned system with many interrelated features, it cannot be reduced without destroying it. If we think of this system as a system of value creation, novelty comes into play and since every variation could not possibly increase value, this system would most likely have to utilize dynamics to generate value with some form of by product that we cannot consider valuable. The ratio of valuable and non-valuable things would not be discrete. Variation in this system would invade every element of the system to some degree of resolution.

As the resources of the planet are exhausted, you can expect those in power to move us in the direction of a two tier society and while this looks very attractive from the top, there is a glaring flaw in the ideology. We are all family and most people have a great capacity for love. Who would allow their loved ones to suffer?

The problem; human nature.

The solution; beyond the scope of human comprehension.

### **The tiers of society:**

In small groups, many forms of government work reasonably well including communism, socialism and anarchy, but they all fail in larger groups. The very large groups require checks and balances to manage the extreme forces involved. Responsibility at these scales always breaks down and power without accountability is a recipe for disaster. A network of control systems that are not allowed to become so large that they begin controlling the other nodes in the network would be ideal, and efficiency should be prioritized. Liberty at the individual scale should be encouraged and extreme fluctuations in personal wealth should have control limits. As an example someone that has earned enough money that they could not possibly spend it in ten lifetimes has probably reached the limit, and someone (especially a child) who does not have enough to eat should receive some form of opportunity. Concentrations of power always lead to organized crime and if enough power is involved, law enforcement is used as a control mechanism.

Bread and circuses; this left/right paradigm is a distraction, all of the real trouble is so high and out of sight that you will never hear about it. There are contracts in place to prevent disruption from ever being an option. There are no laws to prevent the 0.001% from doing whatever they want.

A very clever lawyer will be proud of how well they are able to manipulate a situation but at the end of the day, it is about doing the right thing.

Freewill has a fractal quality. Every choice has different degrees of freedom that follow a power scaling law.

Let's start by trying to work out how we define a few things such as, law, information and intelligent design. Law is a relationship with features that are consistent, this could be fundamental or emergent. A fundamental law would have a static quality and an emergent law would fall within some range of application. Information is a relationship of association and would be context dependent. Meaning is never static, and information uses process to convey. Information could appear in a static form but meaning never does. Intelligent design is more concerned with value than truth. Value creates a feedback loop that builds even more value and truth is only valuable within some range of resolution

where false positives have more value than false negatives, in such cases as a prey species identifying a predator.

It is better to question an ideology than to manipulate others in order to serve it. Every ideology has flaws.

The incessant scrambling to find a geometric description of reality fails to define the fluidity of subjective reasoning that colors our filtered perception. All of the meaning is stored in the relationships. The "stuff" of reality is created by the relationships. Nothing is absolute or discrete, the variation is scale dependent.

Representation and reality; mirrored, then masked and denatured, then hidden and finally disconnected.

The tower of Babel is the human imagination in full bloom. Tower of Babel 2.0 has begun, it is a comedy of errors that will unleash the monsters from the Id.

This one thing that includes everything, we call universe, is by definition undifferentiated.

Every emergent behavior requires a principle of organization, it is in this space that consciousness lives.

What's worse, being pathetic or apathetic?

It is one thing to construct a model of the universe that describes it as a four dimensional continuum where nothing moves. It is quite another thing to stand in the midst of this great wonder we call universe and loudly proclaim "nothing moves." The universe was set into motion, no question. There is some kind of prime mover and some kind of organizing principle involved.

Time is a four legged mammal that quacks.

"Quacks" contains the most information because there are many mammals and there are many four legged creatures but only one creature quacks.

We are moving from the highest possible symmetry to the most likely outcome.

A lie has more dynamic than truth but truth has more potential.

Syntactic - formal rules.

Semantic - deeply nuanced understanding.

Observer relative - conscious of some event.

Consciousness is intrinsic - belonging naturally; essential.

Epistemic - having to do with knowledge.

Ontological - having to do with existence.

Epistemically objective - facts.

Epistemically subjective - opinion.

Ontologically objective - the actual, mode of existence.

Ontologically subjective - experienced by a subject.

Simulation is not duplication.

Being a computer in the observer relative sense is not an intrinsic feature of an object but is a feature of our interpretation of the physics of the phenomena.

Computation is not a fact of nature, it is a fact of our interpretation.

Turing machines are not found in nature they are found in our interpretation of nature. The brain is a causal mechanism that produces consciousness by precise neurobiological processes, using specific biochemical principles.

It should be obvious to anyone paying attention, that we are dealing with information. There is no physical geometry, the geometry is computational. You can think of two entangled photons as being on the surface of an expanding sphere where the photon isn't what is spinning it is the entire sphere, some form of two dimensional phenomena expanding into a third dimension but probably it is all computational just like the CGI we use in the movie industry.

Fools never realize that they are fools, this blinding of self realization causes behaviors that branch out into the landscape with the kind of turbulence and disruption that benefits no-one.

The turbulence of consensus reality is most evident on the internet.

Humanity is a raging sea of opinion.

The actionable consequences of distilled expectations in our material reality arise, in part, from the intentional field of implicate order. Choose the culture in which you will spend significant time, wisely.

Trying to control the system results in low level, black and white thinking. What we need to do is understand the system, this is where wisdom resides. We must recognize the fact that we do not possess any real power, what we have are degrees of freedom, whether we are flowing down a calm river or we are in the raging rapids. Power and control are illusions. This also has a strong connection with desire.

Power structure as a pyramid; top down with the support at the bottom. Little variation. Power structure as a mobile hanging; top down and horizontal with support at the top and balance as a main feature. Variation is unlimited.

Freedom is more closely linked to responsibility than to power. The most powerful people may in fact be the most deceived due to their position in the intentional field of implicate order. There are degrees of freedom in our fractal reality. The variation of possibilities is structured in a hierarchy of the greater good, whereby all of the layers require balance, not just the final layers. The amount of wisdom required to achieve this is beyond the scope of human comprehension.

It is our actions that define us. In an infinite probability space our action encodes meaningful information into an intentional field of implicate order. This is the manifestation of events from some degree of possibility, depending on your position in the fractal structure. There is variation in probabilities because the interconnectedness of the fractal structure has variation. This is like saying the computation is dependent upon the position in the computational geometry, or in human terms it describes a range of behaviors, reinforced by repeated actions, (variation in the density of a probability wave).

The more an action is repeated the greater the density.

There is only one thing people with power want, more power. It is naive beyond description to believe

that those in control would not get together and manipulate the system to their advantage. You should have already noticed the mass transfer of wealth from the general population to those at the top. There is what I will call the religion of the ten thousand lies (self referential randomness). It does not matter which of these lies you believe, it is all the same religion. Then there is truth, which I will call a secure foundation. Truth is the core of reality, and branching out from this is, the reality we perceive. We are in the gray region between truth and uncertainty. Truth has the most potential and uncertainty has the most variation. Our only connection to truth is in the echoes of creation and there is no way back to the place where it came from, or maybe one way back. The tree of life.

If the people in power, the people in control, understand the system only just enough to exploit it, then what we will eventually end up with is a catastrophic loss of fitness in the system.

A bureaucracy creates policies that must be enforced and so we have the police. This top down model has limitations. It is highly susceptible to low level black and white thinking and does not possess the dynamic variation necessary to discover the maximum number of solutions possible. A better model would be coaching. A coach guides the direction of the team that has a quality of self organization, creating an amazing number of possibilities through the process of emergence.

All people are limited in their understanding by their preconceptions. If you are a part of the puppet show, how is it that you never notice the strings? Even the “so-called” truthers are spewing out the rhetoric of their puppet master. Truth is beyond our horizon, what we see are fluctuations of probabilities.

To understand modern governments, you have to think in terms of networking. It is naive beyond description to assume that powerful people would not get together and attempt to maximize their position at the expense of everyone else.

Unity is rooted in truth, love and light. This is very different from the hive mind of a common core which is really a form of mind control. If you have been deceived and are headed for destruction and, if I do not warn you then, I am not being loving. Notice, there is no unity if you are heading in one direction and I am telling you to go in another, I do this however, for your benefit.

Design by committee; you can't get ten people to agree on any subject, let alone politics or religion. This is why the Middle East has become a powder keg. The differences are huge and the common ground is non-existent. The only thing worse than a situation like this would be a concentration of force or power, put in place to resolve the issues.

Humans being imperfect by nature will make mistakes and so the opportunity to concentrate an error, be it lifestyle choices or issues of control and projections of power, must be diffused so as not to allow many small mistakes which would naturally cancel each other out, to become huge mistakes that can disrupt the system in a way that would not be easily corrected.

The dangerous and the unpredictable, the mysterious and the magical, these are given power by boredom. If eternity is boring, why bother? Why do we need to be entertained? Who will spend eternity tap dancing for us? What is eternity for? The answers have been fractured and scattered on the winds of time. Every opinion is a fluctuation of the answer,

every opinion causes a fluctuation of truth.

While most men in their pride and arrogance cry out for justice, I myself consider mercy a better pursuit.

It was liberty that allowed us to become this powerful, but now it is liberty that stands in the way. The system is self organizing and there is no way to control something with this kind of momentum. While the elite believe they have control, control is always an illusion.

They do not possess the wisdom required to see the outcome of their choices, it is beyond our horizon.

Will we endure injustice forever? Even a dog knows the difference between being tripped over and being kicked.

We cannot identify an enemy without becoming one. It is not a question of whether or not self defense can be justified, all creatures have a natural right to self defense. This is about divide and conquer strategies on an industrial scale, and we can refuse to participate, however you should protect yourself and your loved ones in whatever manner you deem necessary.

### **The intentional field**

Magic is based on this. The idea that magic should be self empowering if flawed. We are in a dynamic landscape and the fitness requires selfless loving connections. Freewill is a significant feature, and if the consensus agreement of the group followed this ideal, the miracles would appear.

Handling power is very much like handling explosives, you have to have a great deal of respect for it and most people don't.

The idea of meekness is, a powerful and spirited horse under the influence of the bridle. There is a power in meekness that is so difficult to comprehend that most never see it. It is a pure beauty, it is the very thing we all seek. It is the wisdom to connect, to create, to imagine, and to love in a way that builds the most meaning possible.

Meekness values peace and sees the possibilities that have the most value, waiting for the realization to become obvious to those who don't understand it. This waiting is the most difficult part to understand and is often confused with weakness.

The spiritual is superior to the emotional, (darkness and light). Where are you? This can be difficult to determine. The emotional is superior to the intellect. Ever wonder why people make irrational choices? Emotions are a powerful driver. The intellect is subservient to all.

To create light something must be consumed. This light pierces the darkness and is consumed. Truth pierces the chaos and is consumed.

In a world full of clever people, it is the wise that that keep the peace, it is the wise that guide the future, and it is the wise that hold it together.

What Germany needed more than anything in the 1930's was a man that could make the

trains run on time. In other words a man that could get results. You will hear this rhetoric again. Do the ends justify the means? The complexity of the system guaranties that we will not achieve the ends we seek. We cannot even predict what the end will be. So the means become all important. What we need is a moral compass and practical wisdom.

Your whole life is a series of compromises. Compromise is linked to value, your values are dynamic, they are always in flux. Put these dynamics together as a system and you have a society. This society is like a chunk of iron whose magnetic moments (both orbital and intrinsic) cancel out because they are pointing in various directions. As these magnetic moments are lined up you begin to create a field. This field is the consensus agreement of the group. Like the wisdom of the crowd, this field is an emergent property. The orientation of the field might create fitness or destruction. The power is in influencing the fundamental layer of this structure. Someone will want to influence your thinking for an agenda. There are those that understand the power of group/think. What they could not possibly understand is where we will end up. The reason, they are using manipulation to achieve an end.

Is it better to look out into the world and see all of the wondrous things that you would desire? Can we reach out and take whatever we wish? Some will use great cunning to devise a scheme to get what they want, but others will contemplate the deeper things of the world and try to understand the consequences, and in so doing will begin to see the true nature of desire itself.

There is no greater desire than the desire to be free, there is no greater freedom than the freedom to desire.

People are clever, the very wealthy can afford to hire the most clever people. Whenever there is an opportunity for corruption, there is corruption. The most dangerous corruption occurs at the highest levels of society. The financial world is collapsing, the ecological system is in trouble and saber rattling is increasing. They are counting on your awareness being dull. If you attempt to do something, you will come face to face with their junk yard dogs. The average person is most certainly at a disadvantage. In any society a concentration of power is to be avoided at all costs.

Question everything, this is not just good advice, it is essential.

It is all about value. For good outcomes, we have to value the right things to make the best choices.

Words are shadows, action is substance.

It is the questions that matter. When you start getting arrogant, you stop asking questions.

Information may appear in a digital form but meaning never does.

Living has something to do with connections. We are supposed to connect.

All organizations need to understand this one simple idea. There is no such thing as power and control. What we have are degrees of freedom.

In self deception, you are always the victim, it is better to be victorious in understanding. Where is your focus, is it on the good things? You are the conduit of love. Love flows in the shape of a cross coming down from heaven and branching out through you as a material expression of the spirit. There is no power in the conduit the power comes from the spirit.

There is a fractal nature to metaphor, even the metaphor of love. We do not love just one person, we love many people and each one differently.

If you are prepping for the hard times ahead consider this, any group of sufficient strength could come and take it from you.

It is the height of absurdity to brag about your apathy.

Why contempt before investigation is toxic;

1. You don't have enough information to form an opinion.
2. You are giving value to the wrong things.

Example; give me a list of all the things that you don't give a damn about (I have heard many), then give me a list of your rules. I will write them down as two columns and cross cancel out the hypocrisy and hand you back a corrected list.

It is certain that there is a spiritual component to our reality. If you don't see it, it is because of your dull awareness. Do not let others do your thinking for you.

A metastable state is Buridan's donkey, such that, as the choice between two options becomes increasingly equal as a possibility it reaches a decision peak in critical systems. It is this middle state between sub-critical and super-critical where the magick (unknown power of self referential randomness) happens. This peak is a knife edge in self organizing systems, not to be confused with Fredkin's paradox.

Social contract whether by subjugation or consensus; it is the consensus of the group that subjugates the individual (the intentional field), and it is the balancing of power among individuals that guides the consensus. The dynamics are a multidimensional, complex system.

Arguing over political ideologies such as Democrat vs Republican is pointless, a distraction. It is like saying I would rather be eaten by a shark than a lion. What is important is the direction the Country is moving in. If we are headed for the edge of a cliff, maybe someone should take note and set aside the biquering long enough to make a wise decision on the matter.

Can we change our reality? We can change our perception of reality by the limits of our degrees of freedom in the computational geometry. This will have an influence on the intentional field, probably to the same degree of freedom. We are in a sense, in a holographic information field that is dynamic. We can call this the fitness landscape. We have a particular position in this landscape. The paths that are presented to us could best be described as a fractal probability distribution. So what is a desire path? In this landscape are many actors generating a field. This field fluctuates creating peaks and valleys. The peaks are desire, the valleys are repeated behaviors of the agents as a probability wave, driven by self referential randomness. Our ability to reach a peak may be a small effort or a large one

depending on the landscape and your position in it. This landscape is shaped by the consensus of the group. Your influence on the landscape is dependent on your position in the landscape.

What is success, taking the broader view. There are far too many myopic definitions of success, it fails to grasp the fitness of the system as a whole. On its face, it is unsustainable and will lead to suffering on a scale never before imagined. If we could create an accurate model of the the fitness landscape as it now stands, you would see declining peaks and immense, powerful, attractor basins. It is the very short, dynamic life span of microorganisms that give them the best chance for success and it is the same for human cultures. What we should also understand is that only a small number of these organisms will reach a sustainable fitness peak. Multiple strategies are always in play, including competition, cooperation and some combination of the two. The larger the organism or organization, the slower the mechanism of adaptation and the larger the outcome when it is pulled into a basin. It should be clear that technology is the game changer. The disruption to the system is so enormous it is no longer possible to calculate or even get a rough estimate of the outcomes, no matter which direction we seem to be moving in. Climbing up to a fitness peak will become harder and take more and more effort and plunging into a basin will be rapid and more and more common.

The trickster plays a key role in the battle of darkness and light. The perceived value for the trickster appears to be the regret of the victim. This pleasurable experience leads to a downward spiral of behavior and manipulation that emphasizes the power of darkness over light. The path into darkness is paved with pleasure. In the darkness, we deceive ourselves. The path into light needs no agenda, wisdom does not require a reason, it only considers the value. The more wisdom we have, the clearer we see.

We the people stand together and call for a lasting peace that is not corrupted by greed.

In the spiritual world, success is measured in souls.

We appear to have a social engine that generates vast amounts of greed and corruption and as a byproduct, we end up with large populations of disenfranchised citizens with no prospect for a future. As this dependent population increases, those in power will at some point decide to cull the population for the good of the system. It is the system that is the problem.

When we do good for others, we must make an effort to lead them to prosperity and not dependency.

The human heart is a deep well for some and a bottomless pit for others.

The small child sees the world through an unfiltered lens but does not understand it, the adult sees the world through the many filters he has accumulated or have been forced upon him and whatever meaning remains, he considers it truth.

Everyone seems to have an idea but we do not really know where we are headed. We are spiritual creatures having a material experience and what we value matters. I think in the next world, we will wonder why we made such a fuss in regards to the things of this world.

The ability to reason out whether something is true or false follows the idea of power and control. While it is desirable to believe that we possess power, this is an illusion, what we have are degrees of freedom in a field of information and the resolution gives us the degrees of freedom, along with our position in the computation or landscape. We can say that a musical passage has more meaning than some other passage but we cannot say that one passage is true and another is false. There is no excluded middle.

Under bondage the people are driven back into spiritual faith. Under spiritual faith the people regain their courage. With great courage a people can secure their liberty. Under liberty the people will often prosper, leading to abundance. Abundance and prosperity will often create a more powerful elite class through selfishness. While the momentum of abundance remains, the people become complacent. Complacency always leads to apathy, which is where we are now. As the population becomes more and more apathetic the abundance is siphoned into the elite class causing the people to become more dependent. We are entering this stage. When the population becomes completely dependent on the elite, they go back into bondage.

When a good king reigns the people rejoice but when a bad king reigns the people mourn. It is unfortunate that bad kings are far more common.

Are you seeking power? The greatest power is in giving, not taking.

I'm not against government, I'm against bad government and I'm really against stupid government. If the people in power, the people in control, understand the system only just enough to exploit it, then what we will eventually end up with is a catastrophic loss of fitness in the system.

Power has the unfortunate habit of concentrating.

The enemy of love is not hate it is apathy.

When assessing the degree of danger from any source, we must dig deeply because agendas are often so deep that they are difficult to spot. The greatest danger to the average American will probably be an organized system with resources so vast that it boggles the mind. There will be an incessant narrative of perceived danger in every direction except for the organizers themselves, because they will paint themselves as the heroes. The consolidation of power requires stealth. The hidden hand is always moving the pieces.

The range of acceptable behaviors of the citizenry is being constrained by a small, elite class that are in the process of concentrating power. As the power increases, liberty fades.

Those that live in the shadows have so deceived themselves that they will not recognize the truth when they see it.

The idea that knowledge is power must include the energy contained in truth over application, and novelty over value.

Novelty emerges from the foundation of understanding.

Reciprocity is one of the most influential mechanisms in any culture.

Manipulating a system as complex as the global economy is just like the disaster of forest management in the western USA. There was a natural cycle of lightning strikes that would occasionally burn the undergrowth in the forest but forest management crews began putting out these small fires and now the undergrowth is so dense that if there is a fire, it will take out the whole forest.

It is important to remember that words are cheap, it is action that counts. It is action that gives ideas expression and it is action that proves the words. Experience and expression are two sides of the same coin.

The wealth of any community is in the integration of mutual benefits. The ability to generate good outcomes is strongly linked to the human condition and the drivers of positive change are in the freedom of the entrepreneurial spirit of the visionary. No committee can do this, compromise only dulls the vision. The power contained in some of these drivers will drive the health of the system in complex ways. Greed and corruption should be identified and discouraged whenever they are encountered. The entrepreneur should be supported by the system on as many levels as possible, this requires liberty. Our country has become a quagmire of rules and regulations that for the most part, does nothing to promote the visionary.

Higher level thinking mode and political systems: The idea that communism is better than capitalism misses the point, in that communism only works well in very small communities and breaks down as the systems size increases. The idea that anarchy is a better system than a republic breaks down for the same reason.

All of the scheming and manipulation of a powerful few to bring about some agenda to serve their own ends will be reconfigured by the Creator for good.

You might think your intellect is the best thing you have going for you but this is incorrect. Persistence and determination are a part of your emotional state. Your interpersonal skills, emotional state. Your core values are a part of your spiritual state. Your commitment to the well being of the system to which you are a part, spiritual state.

Most men do not realize that they are moving to the beat of a distant drum. They are driven by desires they do not understand, and so, dig pits for one another. It is interesting to note, just how many, end up in their own pit.

If I could persuade men of anything, it would be compassion. Be aware of the deceptive nature of desire and do not let it rule you. Remember who you are and show compassion in all your affairs.

In every area of politics, the goal is control.

The greater good and the common good are two entirely different things. The greater good is an untenable ideology and the common good says that all men have unalienable rights endowed by their creator, among these are life, liberty and the pursuit of happiness. This

includes all men.

The greater good has been defined as "the ends justify the means."  
The common good says that "liberty resides in the means."

The age of cheap oil is ending. When it takes a barrel of oil in order to pull a barrel of oil out of the ground, the age of oil will end. In the mean time, we will have to begin finding a balance with nature so that we use the resources in a sustainable manner. Exactly how large a population we will be able to sustain with this strategy of energy production is unknown but I will bet that the elite are thinking about this. As power is concentrated, population control becomes more inevitable.

To be honored for service is good, to be honored for power is strange. If you think power is a good thing then, it is certain that you don't understand power. First of all power and control are an illusion, what we have are degrees of freedom. Secondly, power is the prerequisite for service, and carries with it, a fiduciary responsibility.

This place where we find ourselves, is looking less and less like a society and more and more like some crazy, grand, experiment. The number of unprecedented situations has become uncountable. Nobody knows where we will end up.

The currency of the spiritual world is understanding or light. We live in the shadows of perception. Innocence is unfiltered perception.

In an honor culture, the incessant antagonistic bantering is part of a power dynamic designed to control or enforce the distribution of influence in a particular group. Having good EQ helps navigate the drama associated with this turbulent dynamic.

The liberty of one's conscience is the right of every man and to remove this liberty by force or coercion is a crime against all of humanity.

Be certain of this one fact, there are desires that drive men to foolish behavior. Men must first of all be masters of their own person before they can earn the right to govern others.

When we are so disposed to opinion as to become contrary to reason, we have entered into the realm of emotion. In this place the intellect is helpless against the ravages of passion, only the spirit has the power to restore reason.

The problem with socialism is, eventually you will run out of other peoples money. Socialism will fail for the same reason that communism failed, because it makes no distinction between those who cannot do for themselves and those who will not do for themselves.

Our focus from this moment forward must be on the health of the system as a whole. This dynamic, interactive system has many components that we are just beginning to understand. As our understanding increases we should be able to predict a range of possible behaviors, depending on what we change. The goal is not control, it is understanding.

If a man runs foolishly down the road to destruction, if he lies in wait to destroy the life of

another, if he believes he is clever enough to escape his own fate and I do nothing to warn him or stop him then, I am not being loving. Apathy is the enemy of love.

Deception is an ever present, pervasive influence on the social fabric, generating illusions and expressions that mystify and bewilder. Most do not understand what they are looking at or simply ignore the ramifications, that we are somehow involved in our own deception.

Power eats into the political system like termites. The tree looks fine however, slowly but surely it becomes weak until, one day the tree falls suddenly without warning.

One does not resist the scrutiny of an all powerful dictator, one must bend and hope that life gives, at least from time to time, a certain measure of justice and whenever possible, mercy as well.

Death can only win if he is able to deceive you into thinking that he is all powerful. There are things that are more powerful than death, one of them being love.

Governments mistakenly believe that they must regulate every disruption to the system, not realizing that for the most part, they are the cause of the disruptions.

Only life is an expression of the spirit, everything else is just a backdrop. Achievement has nothing to do with this dead material, the material is a means to an end and either has value to living things or not. When we measure achievement it will not be in dollars, it will not be in prestige, it will not be in credentials or any other material thing, it will have a higher purpose. It will be things like love, shared experience, intimate disclosure, connections, laughter, joy etc... Moving higher still, it will be about souls. The soul is not indestructible, in fact, I would have to conclude from the range of behaviors I see that it is quite fragile. When a man becomes aggressively intolerant he has moved to dangerous ground, only love has enough power to save.

We become weakened by over confidence. It is wise to continually test your position in the landscape because a fitness peak may border an attractor basin from which you cannot escape.

Imagine if the elite became so powerful and power became so concentrated that they depopulated the planet to some sustainable level and forced the survivors into mega-cities with tiny apartments and mass transportation and the average person became a willing slave to a system that pretends to be the greatest good for the greatest number. If the bureaucrats gain the power over life and death, life, your life will become essentially worthless.

Could there be a push to dumb down the population and blur the lines of moral behavior? If you agree to blur the line at what point do we try to reestablish a boundary between what is acceptable and what should be discouraged? Maybe the people in power are being clever enough to move us into a position where we are dependent on a totalitarian regime. I suspect that the government of any country could easily become, as a course of natural human behavior, a criminal enterprise.

Since we have been given the gift of free moral agency, we are required to take on the responsibilities included with this freedom, each being responsible within his sphere of

influence. To promote dignity and well being among all men as is our moral duty. To ignore or deny moral responsibility is a cancer to any society. No man is an island and if our brother suffers, we too will certainly suffer. Our hope is peace, founded in love and good will towards all men. We are not required to suffer the fool. When a fool rises up to promote his form of stupidity, he must be brought to justice, else we all suffer.

The gift of freewill was not permission to succeed, it was permission to fail. Just like taking the training wheels off of the bicycle.

Who, by force of will, can add one minute to his life. Do not be so arrogant as to assume that you have achieved anything of significance. We are still, only children in a world we can't explain. Keep your sense of wonder, enjoy every moment you can, in the end, we should not be ashamed, but amused by the foolish maneuvering for position, in a world that comes to nothing.

The human mind is a processor for predicting the future. Over the years your mind will build up layers of filters, these filters are used to create a controlled hallucination. Your brain does not like to be wrong, this is why placebos work so well. This process dulls your connection to the spiritual realm. Innocence on the other hand is unfiltered perception. The brain has not had time to develop an ego. This is why small children are so precious. A baby begins life with no perception of differentiation, they feel connected to their mother and they are much more connected in a spiritual sense. Loss of innocence de-energizes the psyche. The life and blood of very young children is of extreme importance to the workers of dark magick and their obsession is going to cause them to slip up, big time. Look up: Madame Helena Blavatsky and Aleister Crowley (Helena and Aleister were both aware of this phenomena). It is exactly this movement towards power and control that drives men into dark magick.

Bureaucracy is a strange animal, and often is not well suited to the environment it is in. A very large bureaucracy can become parasitical. When you have fifteen managers watching one worker, you might have a problem.

The system is going out of balance and there is nothing we can do about it. Power concentrates at the top and as this happens we get a larger and larger base of disenfranchised hopeless, hungry people. We are racing towards a tipping point and there are not enough resources to go around. How this drives behavior on a large scale is yet to be determined but it is certain to be messy.

Agendas and the hidden hand; there are things going on behind the scene that would surprise the most ardent skeptic. Certain areas of our society have been infiltrated by double agents that feign an ideology to gain control and then push an ideology they do not even understand, for if they truly understood, they would have stayed out of it. We are something like light beings in meat suits. We are independent processors in an information system and freewill has a nuance that is so deep, no-one has explained it properly, no-one. We are a network of associations.

The age of information has unbalanced our thinking and skewed our understanding. It's very easy to prove that the emotional component is superior to the intellectual one. Emotional processing is far more complex and is used throughout the animal kingdom but almost everyone considers emotion something to be ignored. Emotion is also closer to spirit

than intellect, in the hierarchy.

In the material world the source doesn't necessarily need to be identified, for the most part, it is the behavior that matters. Your belief systems are filters that you have collected over the course of your life and guide your behavior, it is the same with people of great influence, except that many of these people are psychopaths and worship Lucifer. For our purposes, it doesn't matter if the devil exists, it is the behavior we need to be concerned with. There are things happening in the world that I can guarantee, you do not want to know about.

To judge requires power, the greater the power, the greater the fool.

The child is a sponge. What is knowledge. Good and evil? Who told you, you were naked?

Information has a strange quality. What do you trust in? The material world is made of stuff, but this stuff is something that cannot be regarded as real. Mortals are weak and frail. If their stomach speaks, they forget their brain. If their brain speaks, they forget their heart. And if their heart speaks, they forget everything.

We are tricked by our own lust, disguised as love, speaking great swelling words. The heart is a mirror on the world of division, desperately trying to get home. Lost, it chooses the wrong method, these methods beget madness, as a destination, madness is poor consolation. The heart is a poor judge but better than the head, and being lost, it is greatly dependent on the spirit.

I am prone to wild fits of sanity on occasion, or to be more precise, clarity. In these moments, I must remember which bits of chaos to correct, chief among them, remembering to be grateful.

Where does the heart find practical application? What good is it to be practical when you are lost and alone? Either we are here for a reason or we are all lost. If we are here for a reason then, we are also, each one of us, different for a reason, and the depth, length, and intensity, of each moment has its highs and lows for a higher purpose, and maybe, it is your fiduciary responsibility to figure it out.

We have been given, each of us, a small portion of infinity, and so, I think we are supposed to connect them, like pieces of a puzzle.

Each conscious moment is a collection of things that can't be separated, except by another conscious moment.

If science is your god, you will end up disappointed.

The angels are fascinated by freewill, they do not understand it. They watch us very closely and wonder at the beauty, boldness and stupidity.

Your higher power might be some form of organizational principle operating in the universe but all men are intrinsically drawn to worship something.

An oligarchy does not require a good and moral citizenry but a Constitutional Republic does. If we lose our moral compass, we lose our country.

Democracies are fragile and only last about 50 years. The reason is 51% will abuse the other 49%, always, it is human nature. We have a Constitutional Republic that was designed, in the hope that the checks and balances would distribute the power so as to minimize the foolishness that comes from too much control. In any political system where power is allowed to concentrate, you can expect trouble. A careful study of history will show that good kings are far more rare than bad kings.

There is a dynamic when it comes to creating enemies, often it is just through misunderstanding. We should oppose evil and foolishness without forgetting that, on occasion, the fool can be won over with a little kindness and understanding.

The apparent stability of a nation's culture has been upset by technologies. Change has become the new norm, and so, we need to identify the principles that will build stable communities in an ever changing environment. Value the good things and stick to your guns. I suspect that there is only so much change that a nation can endure before it rots from within, simply because of the lack of practical wisdom and a moral compass.

The dynamic of the outlier is in shifting organizational structures and rules. When the rules are rigid, the results become something that is defined by those working at the fringes of the system even when they are entrenched within the establishment. These are the ones that disregard the rules of convention for good or evil, and they are always present.

Concentrations of power in control systems or top down control must be limited to the systems where the results are optimized. This turns out to have a very small number of applications, because very well designed systems will have a nested hierarchy, with self organization operating independently to some extent. When the higher levels try to manage something that was already self correcting, we end up losing fitness in the system, this can cascade through the system in a butterfly effect.

If we can genetically engineer a superhuman, we will immediately become irrelevant and replaceable.

If we take a box of crayons and blend all of the colors together, we will end up with some shade of brown. There is differentiation for a reason, as with music, it takes many diverse elements to express an emotion or movement. A blending of ideologies and beliefs will not necessarily be a good thing, often compromise represents a loss of some kind.

Dynamic problems require dynamic solutions.

The greatest advantage of hitting bottom is the new found willingness to make conscious contact with your creator. No man made solution will prosper.

When we have completely separated ourselves from nature, we will have become robots. In the mean time, we are in that space between heaven and hell. Shouting does not negate reality. Our ability to control others is an illusion.

The most powerful government could not possibly control its own people, teachers cannot completely control their preschoolers or students, so how can we expect to control AI. It is the smart ones that give you the most trouble.

Too many talking heads, so few real experts. As an example, anyone who espouses anarchy or

communism does not understand human nature. Anarchy and communism can only work in very small communities, as the community gets larger, the system breaks down exponentially.

Evolution of belief systems and issues of control? If something is worth believing in, it is timeless.

The heart is more important than the head when it comes to achieving greatness.  
For the average task, only the intellect is needed but a great challenge will require heart and soul.

Imagination is the connecting of disparate things in novel ways.

Rigging the game; financial systems. It is a known fact that financial markets are rigged. In politics, the goal is control. Fiat currencies are always temporary, just like Ponzi schemes. Being based on the faith of the general population, it is highly susceptible to manipulation and collapse. There are only so many tricks that can be used to keep it propped up. The final stage may be to shift the faith in the system to the IMF. If there is a reset, we will move to a digital form of currency, at this point control of the money supply will be almost absolute.

Everywhere we look we can see problems. We can point at these things around us and name them. We are in a landscape of a sort, with fitness being the higher elevations. If we were wise, we would look for the paths that lead to the higher plateaus and if we were wiser still, we would align these with desire paths so that many would follow.

Science can answer many questions, why is not one of them.  
Science is not in the business of assigning value to anything.  
Just because we can do it, doesn't mean we should do it.

We could ask, did God have a choice in creating the universe or we could ask, did the universe have a choice in creating itself. You can see how the really big questions very quickly become subjective.

Manipulating financial markets will always be temporary. Just because they can manipulate the market doesn't mean they should. The butterfly effect applies.

Almost no-one is looking at the economy from the perspective of chaos theory. If we wish to implement regulations in the area of trade between nations, we must be very, very, careful to do so in a manner that is most likely to produce win-win outcomes. This is harder to do than you might think.

Just in case it wasn't obvious, quantitative easing is a form of taxation.

The system requires the generation of wealth. We should separate our thinking into at least two categories, things that generate wealth and things that distribute wealth (like casinos). Bureaucracies are very good at redistributing wealth and will come up with a myriad of ways to diffuse the energy. If we are talking about a government, at some point the most important thing becomes continuity of government, at that point, all is lost. Just in case it isn't obvious, the most important thing is continually tuning the system so that it generates the most value possible.

The idea of liberty is not to allow my neighbor to behave in a stupid or irresponsible manner. If he is hell-bent on his own destruction, I am not required to let him take me down with him. Our form of government will only succeed as long as we are guided by our moral compass and exercise practical wisdom. Any society that thinks it can remove all moral constraints is doomed to the whims of

debauchery.

The wise diplomat turns his enemies to allies, not by reason but by steering the passion of the heart towards the shining shore of a most beautiful and perfect land.

If we cannot maintain a peaceful transfer of power, then we are moving to dangerous ground.

How do natural systems find balance? They have no choice, it is either balance or oblivion.

The simple answer is, you don't have all the answers, in some areas you're going to have to wing it.

Time has a quality, when you frame an event in time you impart some of this quality to the event. A good example; "I'd rather be a lion for one day than be a sheep for a thousand years." The quality that time imparts to this statement can be thought of as very valuable for one day and not so much for a thousand years but notice this connection to control. Does the lion have any more control than the lamb? What if we have deceived ourselves and it is behavior and not control that ends up mattering. The lion goes about being a lion and the lamb is always sheepish, control is the illusion, neither ever really had control, they had a role to play. A dance of mutual expression, framed in time. Light does not experience time, we are creatures of light.

There are three kinds of people in the world, 1) dumb sheep, 2) dumb sheep that have convinced themselves that they are lions and 3) dumb sheep that have convinced themselves that they are owls.

You are limited to a particular range of behaviors, your destiny is obscured by shadow, light can guide but it can also blind. A great light will illuminate your path well if that is where it is pointed but if we try to turn it inward it must be much more subtle. Preparation for the journey is but a small part of the journey.

I would expect every religion to splinter into 10,000 versions of itself.

Culture is herd mentality, creativity lives in the fringes.

The system is so complex that I have had to abandon my faith in the "so called" experts. We are all, everyone of us, amateurs.

As the complexity in any system increases, the ability to form a correct understanding decreases exponentially.

The best evidence of unsophisticated ideas is the behavior that follows.

When someone speaks to me from their head, I might listen but am often distracted. When they speak to me from their heart, I pay attention.

All behaviors are constrained by the universe itself, beyond this lives only the imagination.

Near the end of your life it will become clear to you that control is an illusion. How will you defeat Death, you are going to need an ally, preferably someone that can conquer Death.

Evil is a lack of understanding, it is power without restraint. Love is completely absent and so there is

no beauty, only illusions.

God gave us a brain to improve our situation, not to destroy the planet.

We know that 90% of the information we have access to is wrong and about 10% is correct, but which 10%?

Opportunity is; creating space in the dynamics of the system for others to fill in, thus generating a whole that is greater than the sum of its parts.

Religion and philosophy share at least one common feature, they are both man's attempt at an explanation and while many would assume that this is the only game in town, it is possible that God could get a message to us if he wanted to and he could authenticate that message. A careful study of any document claiming to be of divine origin should reveal significant features, including highly detailed prophecy.

The intellectual realm is usually not too difficult to navigate. Most people find their niche and naturally fall into an area where they can do pretty well. The emotional realm is deeper and much more nuanced, behaviors ripple out into the landscape in ways we would never imagine. It takes a very long time to perfect the kind of emotional intelligence that creates win-win scenarios as a general course of action. The spiritual realm is so nuanced and so deep that few navigate this landscape without upsets, wrong turns, misunderstandings and a sense of one's own hypocrisy. There are very few superstars in the arena of spirituality. I would also guess that being spiritual, for the most part, is not highly valued in our society, also there is little consensus on what constitutes spirituality. As I have stated it is a deeply nuanced realm that does not give up its secrets easily. You have to want it, you may have to put in a little effort and most importantly, you have to care.

We have to be very careful when we try to describe political ideologies, the reason, the agendas are often buried so deep that they can contradict the general makeup of the policies they espouse. We have to ask, "who benefits" when we question a course of action. We also need to be experts at human nature and one of these areas is game theory. Bruce Bueno de Mesquita has studied this field and has garnered a reputation for accurate predictions. The problem is, when we tweak the system because of a better understanding, the system changes in new and unpredictable ways. Systems self organize, this includes societies. A general and alarming trend is the concentration of power because as the power concentrates, the ability to disrupt the system increases exponentially. All systems will balance over time, the forces involved in a scenario like disruption to an oligarchy are catastrophic, the classic lose-lose scenario. Peace resides in a wisdom so profound that surely God is involved, we simply can't do it on our own.

The middle class is the engine of our economy and it makes no sense for any politician to move us in the wrong direction because of greed and corruption (just saying), try to be wise. Engines need to be tuned, our engine is only running on three cylinders right now.

The value of trust is very much like the value of dignity.

Something from nothing is a miracle anyway you slice it.

The people in power have become very good at lining their pockets from corrupt associations.

The system is broken from the bottom to the top. The most powerful people will be concerned with consolidation and continuity of power and not much else.

How to be a great leader. How to be successful. How to be ridiculously wealthy. How to influence others. How to become so powerful that you can do whatever you want. Are you kidding me? Forget about entitlements, we have responsibilities. Be grateful that you don't get everything you want and go after understanding instead.

We do not have the moral will or the moral skill to navigate the world we now find ourselves in, we do however have the capacity for great destruction.

The integration of information and vulnerabilities move together.

My concern is that too many of the leaders of the world have lost the ability to see the people as family and instead think of them as employees or worse, property.

Should we be training psychopaths to be experts at manipulation. There are certain positions that psychopaths gravitate towards and these are exactly the places where they can do the most damage. As a society, we need to be smarter than this. We cannot afford to let stupidity reign. The best evidence of unsophisticated ideas is the behavior that follows.

Using subtle manipulation for an agenda. The agenda; getting lots of hits on your post. The subtle manipulation, using pictures of attractive women. So if manipulation is being used to influence me, I should be wary and act accordingly. My main point; there are no experts. We are all, everyone of us, amateurs. When someone postures themselves as an expert it is because they are selling something. Question everything, this is not just good advice, it is essential.

Don't get freaked out by the word "sin." Sin just means "missing the mark" or target, and probably you are going to need some help from your creator. We are all human and hypocrites use this word as ammunition. Missing the mark is a normal aspect of the human condition, so don't beat yourself up. Every day is another chance for a fresh start.

If we survive the information revolution, we will be faced with a choice as to how we will distribute the abundance that will be created by fully automated manufacturing. It is important to note that integration and vulnerabilities move together. We are in the final stages of a bureaucratic over bloom. When a department is created, the individuals staffed in those jobs must justify their job. This creates a conflict of interest of monumental proportions. If left unchecked, these bureaucracies grow until they collapse the entire system. Willful ignorance and blind loyalty will cost you. The health of the system requires strong fiduciary commitments on the part of our leaders. What I see is a bureaucracy that is out of control and the masses rushing to bread and circuses. The momentum is too great, this will not end well. When a religious system or a government organizes into a bureaucracy, it is the bureaucracy that incessantly moves all activities increasingly and inevitably towards its own destruction. The momentum will always become greater than the influence of its wisest members.

We are here for one and only one reason, we are supposed to learn how to love. We will not achieve this through war. Is there no-one among you with the wisdom to keep chaos at bay, the collective wisdom of humanity will not suffice.

At this point in history, war is Russian roulette with a bullet in every chamber.

If there is no evil in the world then why are the major economies of the world based on debt, death, and war?

Value and bureaucracy: What we value matters, at the individual level, you will have small fluctuations and as the group size increases, you get a "more is different" principle of organization. At some point, like earthquakes, we are going to see "the big one." A large bureaucracy is very much like a large bomb, it can do a lot of damage. Much better to compartmentalize the distribution of power, but this too is very likely to fail over time because there are always opposing forces trying to find balance.

When those in power reach the opinion that they are somehow better than everyone else then, we have reached the point where they become an existential threat to humanity itself. In politics the goal is always control, lacking wisdom (as history has shown in every case), they collapse the system because of the influence of power and selfish choices.

The system has become a cesspool of greed and corruption. You cannot enter the system without getting this horrible smell on you.

Along our path lingers a scent, it is the leftover expressions imparted to the world by your passing. Some people leave a sweet fragrance and others a foul stench. You are responsible for the odor you leave in your wake.

As a general rule, governments have a lot more opportunity for evil than all of the criminals combined. In fact, the government is often responsible for creating the criminals, take prohibition as an example. Is there a mindset that says "compromising the population makes them easier to control"?

State sponsored execution is more humane than abortion. Provided, it is proven beyond a shadow of a doubt, that they are guilty. Many innocent people have been executed while the guilty go free, simply because of some clever evil setting them up. Satan wants the blood of the innocent, the more blood, the better. The evil is growing exponentially. Don't believe in Satan, you will. Truth is the source of all things but truth can only be proved through time.

Often the "so called" wise only disclose facts when it is to their advantage and often overlook the detrimental affect it will have to the system as a whole. This is politics at its finest. It is not what you say but how you say it. When describing a problem, describe as much of the consequences as you can in a humble fashion or explain that further research is needed before we can reach a conclusion.

Ideology will not fix anything, only understanding can do this. The level of understanding required to fix the mess we are in is beyond the scope of human comprehension.

Essentially, evil is a lack of understanding. The more you understand, the more alive you are. Without understanding you are dead inside. All of the chaos and hatred is being created by a kind of zombie mentality.

The fabric of reality is continually being woven into a tapestry of meaning.

I would suspect that our politicians have become very good at accumulating wealth and not so good at anything else.

Nothing has the power to destroy like secrets in high places.

Trust is so important why would anyone think manipulation is even an option?

The number one mechanism for controlling culture is whom you choose to put together.

A career should be less about making money and more about building a life. Life is the biggest thing that will ever happen to you.

We are in uncharted waters, there are rocks just ahead, and nobody is paying attention. All you have to do is look back, see how things went wrong, find out if anyone was paying attention, find out what the aware actors did to cover their butt etc... You should have realized by now that we are in roughly the same position we were in (in 2008), only worse.

The problem with credit default swaps is, only the early bird gets paid, because the system will collapse very early on.

The teacher who has raised his own stature, who has believed his own hype, who sees the world from a lofty perch, so as to look down upon the rest of us and does not feel a great sense of responsibility, is not worthy of the job. When we understand what can be known, what we know that we don't know, and what we don't know that we don't know, then we have begun to make progress. I suspect that "what we don't know that we don't know" would be the largest category.

Human interaction should be more like a dance than a game of chess. What is the purpose of competition? If it is to create desire? Desire doesn't need any help. Is it to motivate others? If so, what is the agenda? I have to place my desires into context with my community and hopefully there will be a good fit. Balance is essential. Much of our society is now so badly out of balance that we do not need anymore "me first" thinking. What we need is practical wisdom and a moral compass.

How you value the various "social systems" depends on where you are in the strata. This makes it difficult for any one group to understand what the best models should look like. One of the best metrics would have to be maximization of dignity, trust and quality of life. The disagreements will be in the area of distribution. There is a hierarchy of nested behaviors and these qualities will have a great influence on the behaviors in every level. Opportunity is better than handouts and responsibility is more important than entitlements.

Pay it forward generates more value than tit for tat.

In the mystery schools your location in the hierarchy is directly proportional to your understanding. What you haven't been told is that the hierarchy is upside down.

The more I can convince you to become connected to the material realm, the more powerful mortality becomes. The more I can convince you to become connected to the spiritual realm, the more powerful love and life becomes.

Does evil exist? Is there evil in the world? If we replace the word "evil" with the word "stupid" then the answer would be, yes.

Excellence requires commitment, commitment requires passion, passion requires values, values require spirit.

The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning.

Because of the internet, it has become very common for people to posture themselves as experts. The more dynamic information becomes, the less truth it contains.

In societies where power has been concentrated, the psychopaths are sheltered from accountability, as you can imagine, this creates extreme problems that cannot be easily corrected. The main problem, the problem that we can actually control, is not allowing power to concentrate.

Something from nothing is a miracle any way you slice it. If there can be one miracle, there can be another. Now is not the time to become arrogant, we are only just beginning our journey of discovery. Removing accountability on a global scale is a recipe for disaster. Self organization can take unsophisticated ideas to the gates of hell and beyond.

There is a big difference between the stage magician and the wizard. The magician creates illusions in the real world and the wizard makes illusions real. The artificial intelligence we are dabbling with, is a parlor trick by magicians. The wizards will use organic material to create artificial intelligence.

It is not the job of the intellect to tame the passions of the heart, that is the job of the spirit. The intellect is best managed by the heart, without this connection you get the psychopath. The heart is best managed by the spirit, without this connection, you get the horrors of war.

Organizing your life around material things is a very low bar.

We have to get beyond the idea that stupid refers to intellectual stupidity. That is the mildest form of stupid and pales in comparison to emotional stupidity, which pales in comparison to spiritual stupidity.

Why things go wrong. Yeah, why? It is all about understanding, gain understanding. We live as we understand no understanding, no life. How do you do this? Value the right things and connect to good things. There is a feedback loop involved, the main features being practical wisdom and a moral compass.

A bureaucracy can self organize so that corruption is not only possible, it is guaranteed.

All souls are equal. Do not teach your children to hate or they will never learn the meaning of life. The material world is a shadow of the real world. Be kind to one another, bearing each other's burden, which is our reasonable service.

The very poor and the very rich suffer the same fate. If we are put upon this earth to learn how to love than, the very rich have almost no chance because, their values are all upside down and the very poor never get a chance to learn this because, even if they live long enough to learn how to love, it is very difficult to see this wondrous beauty through all the suffering and compromise for survival.

We have now entered the age of frigonomics, when a critical mass says "screw it" we are finished.

It's really not all that difficult to notice the deception built into our reality. What is hard to figure out is whether we are somehow involved.

There may be a conceptual propagation of manifestations. In the spiritual realm, light creates and darkness copies because darkness only has access to the shadows.

It is impossible for men to look upon each other as equals, there is always tension because of ambition and desire. When a man does not know what drives him, he goes about painting the world with his own unique pallet of colors, convinced that the ones he has chosen are correct and it is everyone else that is wrong.

People forget that technology is a form of magic (I will let this sink in for a moment). There will be things in the future that are mundane to our progeny but to us are unimaginable. We are only beginning this journey of discovery. This idea that science is going to wipe away religion, little by little, error by error, is ridiculous. Science and religion contain an equal amount of error and the illusion of superiority has made it difficult to make any real progress in either discipline.

If it is relational, there's a geometry involved. Information is stored in the relationships. Meaning is a dance of mutual expression. Expression and experience are two sides of the same coin. Perception differentiates information, information is given value, value creates desire, desire creates intention, intention becomes expression, an echoing of possibilities.

All belief systems are filters, innocence is unfiltered perception, a belief system is unnecessary. We are connected to our environment through belief. We shape this environment to some extent, depending on how much intention is involved. This is the intentional field and just like a magnetic field, it is composed of many elements, if this were not so, we would have noticed it much more often. Like wisdom of the crowd, it is a collection of various perspectives.

Truth has three components, simplicity, application and meaning. Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite. Love is the material manifestation of the spirit, being a form of action that includes both shared experience and intimate disclosure.

Belief systems are filters and perception is differentiation or division, so where is truth in all of this? Deception's role in value creation is a tricky subject. Value generators rely on connections and death is a form of separation. This reality has the curious habit of moving us towards value no matter what the truth happens to be. Notice that the definition of value becomes all important. So there would be this idea that truth, however important it might be is often at an angle or direction that is different from value (Buridans donkey) and the engine or motivation is a movement towards a perceived value. The terrible truth and the beautiful lie. In the fitness landscape, we have fitness peaks and attractor basins of various geometries with perception playing the role of differentiating these features. Everything is approximations, nothing is discrete. Choosing requires good timing and here too, deception plays a role. Spirituality is the alignment of truth and value.

Life is a principle of organization that is particularly concerned with value creation.  
Value is the perceived benefit in the process of choosing.  
Freewill is a branching out of choosers into a system of networked associations.  
Love is a dance of complementary expression.

Some will say there is no magic in the world, don't believe them, they are not experts. Consider this, by a single act you can create something so extraordinary, that it would take you a lifetime to explain it (a child). This child will contain one of the most remarkable things that exists in the universe, imagination.

The energy contained in hatred is destructive, the energy contained in love is constructive.

Wisdom, value, grace and mercy all have the same quality, they are simple enough to understand that even a child gets it.

Forget about religion, bear with me, I will explain. All belief systems are filters, innocence is unfiltered perception (a belief system is unnecessary) truth never survives these filters. Spirituality is not an achievement it is a relationship. As Solomon said all is vanity. Most of the world is very busy gathering for themselves any material wealth they can get and the rest are working furiously to earn their way into paradise, all for nothing. Get wisdom, gain understanding. Wisdom is more precious than fine gold tried in fire. We are free moral agents, remember who you are. Dogmatic belief cuts across every dimension of the human condition, no-one is an expert, we are all, everyone of us amateurs. Your creator wants to have a relationship with you. The ball is in your court. The more ignorance or arrogance you possess the less likely you are to succeed. In the spiritual world, success is measured in souls.

In politics, the goal is control. Those that control the definitions steer the culture as they please.

Money spent on education and money spent on prisons is inversely proportional.

Unfiltered perception and unlimited wisdom are unstoppable. Our only connection to truth is in the echoes of creation and there is no way back to the place where it came from. The small child has a better position in regards to perception and over time the wise gain understanding.

Justice is destroyed by that curious feature of the human condition called greed. The only defense is accountability. Once balance is gone, tipping points become inevitable.

It is the height of absurdity to use evil tactics and expect good outcomes. If you are using unethical methods to promote an agenda then, it is certain that you value the wrong things. Alinski's "Rules for Radicals" would be a good example.

Community has great value. If we destroy community, we destroy ourselves.

Are governments exempt from human nature? No, governments amplify all of our flaws.

Love doesn't need your permission, that's what hope is for.

Organized scarcity is the best way to increase your profits. This is the idea of "the ends justify the means." There are second and third order effects that will take away all of the gains and then some.

Wisdom is better than gold, peace is better than profit.

Communities seek identity. We are all looking for connections. Variety is fine as long as there is harmony. There is a feedback loop involved, so that we have to monitor the system for signs of turbulence. Some variations cause a butterfly effects, and if we cannot identify and correct them they will create tipping points that are impossible to manage. What we value matters, we become what we are connected to.

For many decades the economy had little to fear from scarcity There was enough for everyone even though it was not distributed fairly. Compared to where we are headed now, those were the good old days. We have reached that unfortunate point in history where unlimited growth is no longer possible. Rearranging the deck chairs on the Titanic is not the solution. We could try throttling down a bit and steering away from disaster. There is probably going to be a fierce battle for the helm and when the dust settles, a gash along the side of the ship.

**The probability space exist as a trinity.**

The non-computable region, (consciousness).

The infinite fractal boundary, (the material world).

Everything outside of the set, (the imaginarium).

Disruptive implementation and observation; if your changes turn out to be disruptive to the system in a bad way, it means your observations and conclusions were incomplete or worse, misunderstood.

Integration and vulnerability move together.

We are all trying to extract meaning from our world, you can't blame people for that, only the methods.

Don't blame your parents, your family or friends, don't blame your co-workers, it is the system. If you were abandoned, cheated, shorted, or in some general sense totally screwed, blame the system. If you want to fix this mess, fix the system. All of the disagreements as to how this should be done are also part of the broken system.

For the psychopath the connection between the head and the heart does not appear to exist. We might consider the idea that the heart is reading fields that the head is not even aware of.

In politics the truth is always buried under a hot steaming pile of agendas.

We should not expect life to hand us everything on a silver platter, that is not living. Our meaning and purpose are tied to something ethereal. We are always entangled in our connection to others, a dance of mutual expression.

The problem is simple, the solution untenable; why is there suffering in the world? People only care about the problems that affect them directly.

Removing ethical constraints is essentially the same idea as removing the the rail from your tenth floor balcony.

The justice system has variation now, but the variation will not endure.

The lazy man's path to wisdom; form an opinion before you have enough facts. It is important to note that in some matters you will never have enough facts.

Tolerance is not the issue, everyone wants tolerance. The issue is societal turbulence. Ideologies create conflict. We cannot force unity and we cannot prevent division, what we need is practical wisdom and a moral compass. Gray regions must be managed wisely, imagine a company that said "do whatever you want and decide on your own salary," no meaningful work would ever get done.

People rarely back up enough to see the entire picture.

Spirituality is not an achievement, it is a relationship. All life seeks value over truth and spirituality is the alignment of truth and value.

The feminine essence of being is intimate disclosure, the masculine essence of being is shared experience. The young woman dabbles in sex (for which she is not ready) to get love and the young man dabbles in love (for which he is not ready) to get sex. Each is hoping for good outcomes but their definition of success is very different from each other.

The secret to happiness is what we are connected to, which shapes our values.

The world would be a paradise if we could minimize bureaucracies and agendas.

The medium is the message as a principle of organization; matter is the condensation of energy and all of the information is stored as relationships.

Being wise is not always easy, it requires effort and most people are far too busy being clever.

Politicians need to be trusted, a politician that is trying to remove all moral constraints is telling you, they cannot be trusted in other areas as well.

When a man is predisposed by cowardice or lapse of reason to act against his conscience in matters of state, he makes himself as guilty as the state.

A man can never enjoy the privilege of peace as long as he belongs to the religion of hatred and war.

Any behavior we can name is constrained by a network of associations.

Being charming means connecting with others on their level.

The best way to vote is with your wallet and your feet.

Anyone who spends more than 0.0001% of their talk telling you why you should trust them is really saying "I'm trying to set you up."

There is turbulence in the quality of the information on the internet. The more turbulence, the less truth.

In the story "The Time Machine," there were two groups of humans and we are actually moving in that

direction. It is called the break away civilization and everyone else. The high tech elite and the deindustrialized remnant.

Liberty and freewill must include the ability to control the definitions.

Growth is not the goal, balance is more important than growth. The idea that "more is better" fails to take into account the damaging power of overproduction. As a system, the economy needs to be continually tuned without the undue interference of unnecessary competition.

The material reductionist, the sociopath and the psychopath all have the same problem, they can't see past the end of their nose.

When we speak of Heavenly things, all we have are theses words, like grains of sand. We are building castles on the shore for time to wash away.

Always and inevitably some part of the world is asleep, should all of us, in one moment, become awakened, it would be too much for the world to bear. These dreams have a purpose, a mission, an influence in the intentional field of implicate order, and must somehow be painting the world in a more vivid hue.

There is great beauty in the world but you will not trip over it with every step. When a man dulls himself to beauty, the world begins to die.

There should be procedures in place so that any group of citizens can fire any public servant who has been proven to be a menace to society. Too many of our public servants feel compelled to act as judge, jury and executioner.

We are moving into a multi layered oligarchy of bankers, corporations and intelligence agencies. Any who would speak critically of them, dare not speak above a whisper.

Respect is only necessary when it serves an agenda. The desire for respect is very much like the desire for praise.

We should not be running around like a bunch of three year olds, fighting for scraps, while the world burns.

There is a principle of organization at work in the cosmos, Darwinism is dead and will be replaced by something surprising however, the damage has already been done. You have been taught to think about a creator as an unsophisticated myth. The best evidence of unsophisticated ideas is the behavior that follows.

The physicist, materialist and evolutionist have had plenty of time to figure this stuff out and they still don't know why we are here, where we are and what the hell is really going on. If they say they are making progress it is because they are trying to acquire a grant. There are no experts, we are all, everyone of us, amateurs.

Everything happens for a reason, there are no accidents, just a change of actors.

Lawyers drag out litigation because they can get more money, it is the same for bureaucrats that want

perpetual wars. Wars should be a brief, last resort operation, designed to resolve a conflict, not perpetuate it.

All material expressions rely on action, all actions rely on intent, all intents rely on desire, all desires rely on values, all values are tied to belief systems and all belief systems are filters. Truth is outside of time and innocence is unfiltered perception.

Darwinism gained popular support at a time when it was believed, life was not terribly complex. The complexity involved in living systems is only now beginning to be appreciated. We are a very long way from understanding the many layers of complexity involved and by the time we are finished figuring it out, Darwinism will be a very naive assumption.

The battle of good versus evil looks very much like the battle of grace and mercy versus law.

Could "stupid" be driving the system? I can guarantee you that "stupid" is involved. The fitness peaks in the landscape require a larger percentage of win-win scenarios engineered by intelligent agents, but the evidence is overwhelming that the system is being driven by selfish, ego-maniacs that have little or no emotional intelligence or spiritual awareness (stupid).

We have to ask, what the profit could possibly be? If the rule of law is violated at the top, is the profit continuity of government, is it to promote the will of the people, could it be the enrichment of those directly involved in the criminal enterprise? It is certain that in any situation that would warrant, violation of the rule of law, those involved should be scrutinized, the violations corrected and the facts disclosed. If we follow the money and find that those involved have suddenly become far more wealthy, this should be a red flag, no society would long endure this kind of behavior. I suspect that the final arbitrator will be God himself.

Can immortality be achieved by controlling the rules or laws that govern the variation of relationships? How can we save our memories? What is the best way to store information? To have a continuity of consciousness requires precise relationships. At what level would the variation cease? Could the variation cycle? Could each cycle present a slightly new version of these relationships and still retain continuity? What would we become over vast amounts of time? Only a perfect law could control the variation, to create the most meaning and the most value.

We would have to lay a ground work before attempting to have a meaningful discussion of any very complex subject. The nature of God would be a good example. If we want to describe God from a particular perspective, we could choose from a variety of sources or we could ask what would be the most likely characteristics. I think God would be intimately associated with law. These laws might include a static principle controlling a dynamic association. The more sophisticated the law, the more harmonious the associations.

The universe is governed by law, this law has its origin from outside our time domain. Contract law and freewill; if there is a God and he has a contract with us, being God, He would never break the contract, breaking the contract would have consequences. Freewill implies the possibility to break the contract, with the consequence being obvious to anyone paying attention. This tree of the knowledge of good and evil is a metaphor of an engine that is loosing meaningful relationships or value. This engine is

generating novelty at the cost of harmonious regularity.

The old ways are dying, to be replaced by this Christian God. History is lost in the shadows, the light and the dark, we cannot go back and discover the true meaning. We have these faint echoes, legends, they cannot tell us which God is older or which ways were the original ways. As cultures separate, something is always lost, what was old is new again. People hear what they want to hear and believe what they want to believe. There is a legal system in place. When studied, the system shows a precision and perfection that must have its origins from outside of our time domain. Only God can tell the end from the beginning. Can a perfect law be tempered by grace and mercy? I choose to believe that it can. You are in that space between dreaming and wakefulness but who is the dreamer?

The greater and lesser temptations; we live in the shadow of perception. The lesser temptation is near the edges of the shadow, which is an infinite fractal boundary, and believe this is all there is, thus placing all of your hope in the information coming to you from your five senses. The greater temptation is darkness masquerading as light, believing that you understand the light, because if you were to behold the light, whole and complete, in one moment in time, you would cease to be.

The Pyramid is a power structure that is centered on man's perspective. From this perspective, control starts at the top and trickles down. In two dimensions it is a triangle. Triangular numbers include 6, 66, and 666. Power from the Lord's perspective is like a mobile hanging, coming down from heaven. Fractal reality, Jesus Christ, Lord's prayer, Jesus is Lord, The Lord Jehovah, Lord of hosts, God's name number, Fibonacci sequence, Jesus is alive, mobile hanging image, Satan exist, and Holy Spirit, equal 151 in simple gematria and 906 in English gematria.

If you love your dog too much, you will overfeed it and it will die early. You have killed it with love. If you love your children too much, you will protect them from their choices and they will not be prepared for life. God gave us freewill, in other words, permission to fail. You can claim that God does not love us but that would be missing the point. Compared to us, an ant has a very small set of choices. Many of the choices we are able to make do not exist for the ant. All of our choices exist in the time domain and are, in a sense, disconnected from God, the choices belong to us. There is a legal system at play here and the contract will never be broken by God. The consequences of our choices belong to us however, you can surrender your will and your life to the care of God as a free choice. This does not automatically mean that you will understand everything but it does mean that you will begin to grow in grace and knowledge. This is not an achievement, it is a relationship. Eventually, everyone will believe in God, there will no longer be a choice, the choice will no longer exist.

When we were young, if we were not saddled with extreme poverty, we understood that life was meant to be experienced. As we grew older, many came to believe that life was something to be endured, and near the end we see that Death is waiting to take everything and we have no power in and of ourselves to stop him. Innocence being what it is, I would have to conclude that for the most part, Jesus had a wonderful childhood but over time began to understand that his mission was to collect the scars of humanity, for some reason this is the only way to conquer this monster called Death. He has, in a sense, removed the dross and the only man-made thing in Heaven will be those scars.

Of the things we are able to choose, some choices are more important than others, choose to end well, if you can.

We need to have a heart for the lost. Complaining about the lost and calling them names solves nothing. Do you know why there are so many Christian denominations? Do you want to follow Barabbas or Jesus. At the trial of Jesus, most of the religious people voted for Barabbas and it will be the same today.

It is amazing to me to see people stumble over the Bible simply because they have not taken the time to study and understand it. The Bible is a hologram and Jesus is on every page. Resolution and scale are important. You cannot illuminate a hologram with just any light, you must use the same light that created it. The four Gospels are different for a reason. Do you know why they are different? Clue; lion, ox, man, and eagle. The law is static it cannot save you, why are so many obsessed with the law. What we need is dynamic, it is grace and mercy, you are the "conduit" of love. If you do not have love, you do not have hope, in fact you have nothing.

The Pyramid is an easier target than the scattered stones, the trick is to entangle the structure so that the unity is not lost. The high must become low the few must become many. The goal must live as we are alive, even more so. So that it will live beyond us. Peace is the goal. There is no power in peace, the power is in the idea. The idea is the entanglement of the structure. The Pyramid must become the landscape. There is no freedom in the structure, the freedom is in the landscape. The power is the power to be free. The wise will not lead, the wisdom will be shared, that all may be wise. These are the coins of victory.

God has reserved the right to define what is good and what is evil. If you think you have the wisdom required to do this, I can assure you, it is above your paygrade. All through history men have been justifying their evil.

All souls are equal. One soul is not better than another because he values the good things. The path we choose will vary because of what we value but we are still, all equal. Some people are driven, some people endure and some people just give up. This is the human condition. The world is what it is because of the human condition. If the power were within us to make our world a utopia, everything would already be different. Truth is the highest energy state of the system. The lawful regularities of our physical reality are emergent. The amount of light you have depends on your position in the computational geometry.

Stealing Fire? Prometheus (Satan) steals fire and gives it to mankind. This is the idea that Satan is the good guy and God is the bad guy. Meanwhile man takes this technology to the extreme and eventually destroys himself.

Law existed before grace and mercy. The law is static, it cannot save. Inside of time only grace and mercy can save. It is not the job of the intellect to tame the passions of the heart, that is the job of the spirit. Emotion is deep and highly nuanced, it cannot be described by any mathematical equation, dynamic problems require dynamic solutions.

Wisdom is always in alignment with God's purpose. You can move with the current or you can fight it, but what you can't do is change it and if you don't understand it, you're really screwed. There are only two religions, there is the religion of law and there is the religion of grace. There is the religion that says "do, do, do, and there is the religion that says "it is finished." There is the religion that says "thank you LORD that I am not like other men" and there is the religion that says (broken and

humbly) "forgive me LORD."

Which child do you prefer, the child that puffs himself up and challenges you to a contest of will or the child that comes to you and raises his arms to be lifted up and held?

If a system is sufficiently complex, all we can do is tweak the parameters, run it in real time, and watch what happens. Immortality does not necessarily need to be static but it must include some form of harmonious relationship. Did God have a choice in creating the universe? If He took a static law which is perfect and applied a dynamic principle to it, this generating set would create meaning and values that are precise and in the end would not be a zero sum game.

Everything that we experience, everything that is going on is governed by a legal system from beyond our time domain. This law is the establishing of moral behaviors based on principles grounded in truth. When the LORD made a covenant with Abraham there was a moment in time, when Abraham was plunging the knife towards Isaac's heart, it was in that particular moment that the LORD gained the "legal right" to do the same for all of mankind. 2000 or so years later, Jesus, the living word, Logos, was offered up. When we say that Jesus was innocent, I suspect that this means that his perception of reality was unfiltered, like Adam's before the fall. However, Jesus was one with the Father and had the wisdom of the Father, and so he knew the consequences of every choice. Could Jesus refuse to submit to the sacrifice? I think he had the same freewill that Adam possessed, but like Isaac, he submitted to the will of the Father. In this way the LORD regained "legal rights" to the earth and all its inhabitants. Man is powerless under the law. Jesus fulfilled the law. What we need is grace and mercy. Faith in its purest form is a complete trust in the finished work of Jesus. It has been another 2000 years or so since the cross, and I suspect that the time is rapidly approaching when the LORD will prove that the wisdom of men will fail.

The idea of an offering as we often see it, is to offer from our abundance, thinking we have really done something. This is the same as the temple priest offering the sacrifice again and again under the law. This is like a temporary solution to a permanent problem. The offering Jesus made was complete and total, he gave everything he had, his life. This was a better, more secure offering. There is no way to improve on it, it is complete. Nothing more can be added. You can try but as I have already stated, it would be pointless. Positionally you want to be under grace, not under the law.

I am standing in the kitchen of the most posh restaurant you can imagine and I hear a skirmish outside. Two men are fighting over a scrap of food from the garbage can. The owner of the restaurant says to me, "invite them in, I will feed them." So I go outside and say, "hey guys, great news, don't waste your time with that rotting food, you've been invited to a great banquet," and they get mad at me. "We don't believe you," they say. "Why would I lie about a thing like that," I reply, "all you have to do is walk through the door and you will see for yourself." They just curse me and continue fighting.

You cannot win the heart of another by force, so why is power so desirable? King David had power and influence, and his personal life was in shambles. King Solomon had wisdom and the desires of his heart and in the end only the wisdom remained. Solomon said that all was vanity or pointless.

Salvation: Past tense: from the penalty of sin which means missing the mark.  
Present tense: from the power of sin.

Future tense: from the presence of sin.

There is what I will call the religion of the ten thousand lies, it does not matter which of these lies you believe, they are all the same religion. How many lies do you have to believe before you are in trouble?

Not many, look at Eve she only needed two or three lies and she was off and running.

When desire sleeps it is but a subtle influence, when desire awakens, it drives the world and everything in it in ways that are too sublime and terrible to imagine.

I would like to give an example of the futility of spiritual achievement from a works perspective. Let's say we have two men, a spiritual giant and a spiritual midget. Both of them try to reach for the moon. The giant has the advantage however, the difference is so small compared to the distance to the moon that it is essentially negligible. No man centered method of achieving spirituality will prosper. Spirituality is a relationship not an achievement.

Truth as a static structure vs a dynamic system. To simplify, think of a stack of copy paper with one word on each page. Inside of time, we see each page one at a time, outside of time all of the words, on all of the pages combine to make a single word. This single word is truth (Logos), it is the entire story, told in an instant of time. The fractal version of this story has another feature. As each page is presented to us, our intent creates a slightly new meaning that branches out, changing the story, an effect that turns the stack into a tree like structure. Special note; the law is static, but grace, mercy, and redemption are dynamic.

Our perception of the spiritual and the material must have balance. There is no balance. The system as a whole is now so out of balance that, it is amazing to me that those in control can even keep this puppet show going. Balance is the leading indicator of the health of the system. Quantitative easing has failed, its only purpose may have been to buy time. The rule of law has failed. Top politicians are committing felonies and no-one seems to care or even notice. The main flaw; rewarding bad behavior.

I am, is static God, timelessness, law.

Time is the first division of symmetry, one dimensional, a fractal curve.

Light is the next division, two dimensional, a hologram.

Dynamics is a fluctuation of symmetry.

Understanding is a fluctuation of truth.

I will is dynamic, Satan, chaos, deception.

Law and mercy, truth and deception, unity and chaos,  
these are directions in the dynamics of qualia.

Law, truth, and unity have a static quality.

Mercy, deception and chaos have a dynamic quality.

The law is perfect, the law is just, but the law is static and incapable of saving you. What you need is dynamic, it is grace and mercy. God followed this static law to the letter, in a dynamic way, playing a masterful game of chess and in the end provided a dynamic solution. Is God a mathematician? Is Satan a lawyer (prosecuting attorney)? Did God have a choice in creating the universe? Geometry comes in many flavors and we are only just beginning to understand the details. Is there a supreme law that governs all other laws?

The tree of life is different than the tree of knowledge such that, there is a precision or harmony in the relationships. With the tree of knowledge, variation is allowed to enter the system in more than one way. The tree of life may have the same “source” as the tree of knowledge but different laws or principles of organization.

When guns came into existence, so too, did the right to a fair and reasonable defense against them.

The greatest danger to any country is the ignorance of its citizens.

Good people stick to the rules and evil people exploit this.

FBI counterintelligence investigators are involved in unaccountable operations. They do not have to answer for their actions because they will always claim that National security is at stake.

What could balance the opposing forces of debt and redemption? In any static application, law would balance these two extremes but in dynamic systems it would be grace and mercy.

Law is a constraint on dynamic associations.

# Declaration of human rights

Rick Delmonico

When in the natural course of human affairs, the leaders of the nations of the earth fail in their duty to;  
Protect the dignity of its inhabitants,  
Preserve the health of the environment,  
Prevent the over accumulation of wealth to the elite and,  
Provide the necessary means to settle disputes among nations.

Then it becomes incumbent upon the peoples of the earth to take as their right, a greater part in the governing of their respective jurisdictions.

The main purpose of government is to ensure the natural rights of all people in this generation and the generations that follow, in order to provide, but not limited to, an equal opportunity for life, liberty, and the pursuit of happiness.

These are not the sole rights of any country, group, or person, and when a leader, body, or committee takes for themselves a greater share in order to deprive another group, person, or generation, then by necessity the people shall assemble and overturn any decision or policy that is proven to be inequitable.  
Delmonico 1/15/11

Our Creator has provided a guideline for the laws governing the affairs of men. The summary of which would be the outward expression of earnest affection for your Creator and your neighbor. Baring one another's burden as a reasonable service. These leading to a lasting peace between all men.

**Natural law** has provided a clear example of fair and balanced systems in the natural world. Any system of government should be modeled around the premise that the fitness of the system requires balance at every level of the hierarchy. With no concentration of power above that which is necessary to provide reasonable service to the community, and no allocation of resources beyond that which is necessary to the sustainable balance of any particular part of the system. With great care and attention given to preserving an efficient and effective bureaucracy that is never allowed to grow without meaningful oversight, designed to prevent the corruption and waste that plagues most forms of government.

Delmonico 5/7/16

# Information

Abstract: The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos. I personally feel that the universe behaves more like a song than an equation because math is about static law and music is about dynamic expression. If I wish to convey meaning, I must decide what level of description or resolution I can consider sufficient. Truth, in my opinion, contains the least amount of dynamic association within any particular description and I am not able to completely control the amount of fluctuation the recipient will encounter as the levels of description increase and the recipients' ability to visualize the picture I have attempted to construct decrease. All material expressions are constructed from a network of associations and are only reducible to some degree of resolution. If we are talking about information, then it is only reducible to some approximate explanation or description. The idea of a quantum random walk in state space says that every sufficiently complex event is statistically impossible and even though the probability space is very large, it is navigated and expressed, as I understand it, in a tree like structure or a fractal structure. This is a computational expression of the material world that looks very much like a display on a 3D monitor. The decision engine is generating value. There is a bifurcation of the fitness or value into different dimensions and like the human brain which is said to have at least eleven dimensions, the dimensions are not constrained by a physical geometry, they are computational. Another way we can look at this would be to say that every behavior we can measure is constrained by a network of associations just like the nodes on the internet and the conservation laws become approximately true because of levels of description. With a digital display having few pixels, symmetries are common but there is very little meaning because the image is very coarse grained. As we reiterate and begin breaking the symmetry of the individual pixels (one pixel becomes four, ad infinitum...) an image will begin to appear. Time is related to the process of reiteration and truth is related to the symmetry, with meaning being related to the image created. We do not know where the symmetry or the reiterations come from but the image is emergent. The more dynamic information becomes, the less truth it contains.

Representation and reality;

1) mirrored, 2) masked and denatured, 3) hidden and 4) disconnected.

There are three regions to reality.

1, the non-computable region. Consciousness lives here.

2, the infinite fractal boundary (scale relativity). The number of dimensions depends on the scale, beauty lives here.

3, everything outside the set. Self referential noise, all meaning is lost.

The Big Bang may be a phase transition of spacetime or state space.

Julian Assange on A.I. <https://www.youtube.com/watch?v=t34m5T0yWuY>

Some of these ideas are collected from; Roger Penrose, Robert B. Laughlin, Ron Garret, R.J. Rummel, Rupert Sheldrake, Suzie Vrobel, Kerri Welch, David Bohm, J.R. Lucas, Donald Hoffman, Richard Alan Miller, and Leonard Susskind but mostly I am to blame. As a matter of principle, I don't take myself too seriously, I'm just exploring concepts. This collection is a loose confederation of ideas. Some of this is speculation but speculation is not its defining character.

In terms of pure information, there is an incompleteness that cannot be resolved. Creative or outside of the box thinking may be of some value here. I am using metaphors to describe the indescribable. Metaphors give substance to abstractions. Meaning is a nested hierarchy of metaphors, a multidimensional map.

We must remember that even if we can't produce a theory or model that is confirmable, falsifiable, and unique, there is also the bigger question of what the engine could possibly be. There are not a lot of options as to what could be driving the dynamics.

The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic meaningless gibberish. I think this has more to do with action than thought. The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos. I personally feel that the universe behaves more like a song than an equation because math is about static law and music is about dynamic expression. Creativity and imagination are not discrete.

If I wish to convey meaning, I must decide what level of description or resolution I can consider sufficient. Truth, in my opinion, contains the least amount of dynamic association within any particular description and I am not able to completely control the amount of fluctuation the recipient will encounter as the levels of description increase and the recipients' ability to visualize the picture I have attempted to construct decrease.

All material expressions are constructed from a network of associations and are only reducible to some degree of resolution. If we are talking about information, then it is only reducible to some approximate explanation or description.

The idea of a quantum random walk in state space says that every sufficiently complex event is statistically impossible and even though the probability space is very large, it is navigated and expressed, as I understand it, in a tree like structure or a fractal structure. This is a computational expression of the material world that looks very much like a display on a 3D monitor. The decision engine is generating value. There is a bifurcation of the fitness or value into different dimensions and like the human brain which is said to have at least eleven dimensions, the dimensions are not constrained by a physical geometry, they are computational. Another way we can look at this would be to say that every behavior we can measure is constrained by a network of associations just like the nodes on the internet and the conservation laws become approximately true because of levels of description.

With a digital display having few pixels, symmetries are common but there is very little meaning because the image is very coarse grained. As we reiterate and begin breaking the symmetry of the individual pixels (one pixel becomes four, ad infinitum...) an image will begin to appear. Time is related to the process of reiteration and truth is related to the symmetry, with meaning being related to the image created. We do not know where the symmetry or the reiterations come from but the image is emergent.

Definitions are important but also dynamic, we all have to agree on the definitions in order to communicate. Culture is always shaping these dynamic expressions, sometimes in ways that are unpredictable, given enough time, the meaning is lost.

Information may exist in a static form but behavior never does. A quantum step is related to the static property of the difference or ratio involved and the behavior is the step itself or an organized collection of steps. The geometry of the arrangements of the difference, whether computational or physical is where the information resides and without a dynamic, no meaning is manifested.

In an information system, Fredkin's paradox causes every sufficiently equal probability to delay a process unless there is something in place (dithering) to force or advance the process. Quantum uncertainty fulfills this function. In any sufficiently complex system all we can do is tweak the parameters, run it in real time and watch what happens. Truth is the highest energy state of the system.

Meaning has a dynamic, a thickness or density as well as a network of connections and associations so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape. The density of the connectedness can increase until the probability space collapses into a region with an event horizon at which point the region is at maximum compression and the information about the region is stored as a two dimensional hologram. This phase transition causes the influence to reduce in dimensions from three to two and no light or information escapes. The information loses its dynamics and the meaning is lost.

Consciousness is a transcendent property like a pile, wetness, or rigidity. There is a principle of organization involved. Life seeks value at the expense of truth, branching out into a network of associations. Meaning is built from this process.

Information, like light, contains no mass, it has a material expression in the system, built up from this thing we call mass but the information is stored in the relationships and when the relationships change, so too does the meaning.

The fine tuning problem would suggest that the universe is not dumb. All behaviors are using information. Truth is a very special case in terms of information and is intimately associated with symmetry.

Truth as a static structure vs a dynamic system. To simplify, think of a stack of copy paper with one word on each page. Inside of time, we see each page one at a time. Outside of time, all of the words, on all of the pages combine to make a single word (Logos). This single word is truth, it is the entire story, told in an instant of time. The fractal version of this story has another feature. As each page (in time) is presented to us, our intent creates a slightly new meaning that branches out, changing the story, an effect that turns the stack into a tree like structure. We live in the shadows of perception, innocence is unfiltered perception, a belief system is unnecessary. Wisdom is the ability to look out into the future and see the consequences of every choice. There is something wrong with the universe as we perceive it. Kurt Gödel discovered that the universe is either inconsistent or it is incomplete. Science or knowledge is the same as squaring the circle, the lie in the garden, the promise of something that cannot be delivered. If the universe is built up from logic and law then time is perfectly symmetrical or reversible but if the universe is built up from consciousness then the computational geometry will have a fractal and holographic quality including nested hierarchies.

Wisdom is the ability to project into the future and see the consequences of every choice including, asking the right questions.

If we are tapping into the mind of God or some other apparition, it is certain there will be surprises. As behaviors branch out into a landscape or probability space, our ability to control them decreases exponentially.

A.I. is the perfect psychopath. It is not the job of the intellect to tame the passions of the heart, that is the job of the spirit. The intellect is best managed by the heart, without this connection you get the psychopath. The heart is best managed by the spirit, without this connection, you get the horrors of war.

Time is the difference between information and behavior. Truth as a time coordinate; truth lives in the past, the future is uncertain. Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain. Truth lives in the macro past and uncertainty lives in the micro future. The inside of a seed is far greater than the outside, inside is an entire forest. It is a probability space. Meaning is the operation of exchanging truth for value. Information is a difference that can make a difference, truth is information that doesn't change and random noise is a difference that doesn't make a difference. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos.

There may be a fractal nesting of information and behaviors stored holographically. There are three regions; 1, the non-computational region, consciousness lives here. 2, the infinite fractal boundary, manifested reality, beauty lives here. 3, everything outside of the set, the outer darkness.

How much truth is contained in an echo? The echo is not truth, it is information. Truth is the source of the original sound. Truth is dependent on the levels of description and is always approximate. The echo contains information about the source, the journey and the space.

Nature is lazy. The computational geometry must include an organizing principle that causes emergent behaviors, like wetness, rigidity, or a pile. These properties transcend the materials or computations they are built from. If the universe was built up from law and logic there would be perfect symmetry.

There are no perfect symmetries (Susskind), there is no pure randomness, everything is an approximation of something else. The structure of reality is a computational geometry that is fractal in nature.

Intent, process and perception as a key principle of reality. All particles have a form of awareness, an exchange of information. In the hierarchy of this process, consciousness emerges. Living systems concentrate order from their environment leaving a ripple of disorder in their wake. As order emerges in the living system, a proportional amount of disorder is also created. This has something to do with meaning. When we attend a moment, we give it value as a consequence of memory and when we place intention upon it, the value fluctuates as it branches out into the future as possibilities. The value or quality of information in time has everything to do with meaning, (Susie Vrobel/Kerri Welch).

If the universe is built up from law and logic then time is symmetrical and freewill doesn't exist. Law appears to be an emergent property of something more fundamental. Information can appear in many forms and until we understand what the information is doing and where it comes from, we will not understand law, which is scale or resolution dependent. If we think of the material world as an interface for the actors, we have a reference frame and a sphere of influence depending on what we are connected to. This is a dynamic of association in a network that follows some form of power scaling law, all law is emergent.

The brain is building a map of the world, this map is concerned with value at the expense of truth. This map includes the bodies position in space to some degree of resolution. There is some form of hierarchical nesting of information processing that includes emotional content which is a very powerful driver for an organism. How the organism perceives value is very important in which behaviors become manifest. Perception is linked to value (Donald Hoffman).

Metastability, Buriden's donkey, Fredkin's paradox and symmetry:

If you are trying to superimpose a logic structure over a holographic structure with fractal features, the fit will always be poor.

Let's imagine we could map all of the relationships in a network as a single image, in one moment of time and then combine the images, from all moments into a four dimensional structure, this structure would be incomplete because as we zoom into this structure the number of dimensions increases.

If you drill down far enough into a system of logic, the only application left is to perpetuate the bickering of a few academics who have lost their sense of what is really valuable. Universal agreement becomes an illusive ideal.

When you have been trained to see the world in a way that filters out some important possibilities the scope becomes too narrow to navigate the landscape in an optimal fashion.

Humanity is a raging sea of opinion.

No matter how much information we use to describe a tree, the description will always be incomplete. The best description of the tree is the tree itself. By the way, I don't believe in atheist, they don't exist.

The closest to the truth we will ever get is contained in this one, simple, idea. Reality is asymmetrical on purpose. Truth is by nature, static, a frozen crystal, harmonic regularity, it is unity, a secure foundation. Deception is dynamic, and it is deception that is driving the system (Buridan's donkey, self referential noise or in the audio world, dithering).

Unity is in the center, infinity resides in the chaotic boundary of the fractal structure of reality. It is information or consciousness. If we shift everything in the universe, ten feet to the left, would it look or behave the same? If yes, it is symmetric. If no, then it is not symmetric. I suspect that it is symmetric up to a particular resolution. If we take a mirror and compare the image in the mirror to the image it is reflecting, is it symmetric? No, tiny imperfections in the mirror, no matter how carefully it is made, cause the symmetry to only be true to a certain resolution.

All behaviors exist on a continuum. Innocence is unfiltered perception, a belief system is unnecessary. Wisdom is the ability to see the consequences of every choice. Innocence must be protected, for it is defenseless against the unimaginable horrors it has no concept of. In the world of imagination, loss of innocence and wisdom lead to behaviors that cascade through the system like a cancer. These dynamic expressions cause a turbulence in the fitness landscape. All living creatures seek value and look for patterns to discern meaning from the operation of exchanging truth for value. This is a form of dithering that occurs in the finer scale or resolution. Certainty lives in the past, the future is uncertain. Certainty lives in the macro world, the micro world is uncertain. Truth lives in the macro-past and uncertainty lives in the micro-future.

Basically, there are three options for describing the origins of the universe;

1, Something from nothing, in the beginning was nothing then, it exploded.

2, Perpetual motion, the universe always was but never runs down.

3, Intelligent design, there was a designer involved in the creation of the universe.

Each of these is equally unlikely so, we can start from each of them and look for meaningful ways to prefer one over the other. Our only option is a subjective conclusion based on subjective experience and I defy anyone to prove anything regarding the origins of the universe (unfalsifiable proof).

The time is rapidly approaching when God will prove that the wisdom of men will fail.

It seems to me that this interface that we call the material world is an expression of the information it is constructed from. We commonly use a two dimensional interface when we access a computer but I don't think that will last much longer, at some point three dimensional interfaces will be the norm.

This information system has transcendent properties like wetness and rigidity and so, we get consciousness at the extreme end of this hierarchy. Consciousness self organizes from the relationships that exist in the lower levels of a nested hierarchy of behaviors that are seeking value. All living systems seek value regardless of what the truth happens to be. If you think about this for a moment, you have to admit that this is very strange. Meaning is constructed from the operation of exchanging truth for value. Approximations are useful in getting us close enough to the truth to extract value from it but really, because of levels of description in this information system, we can never completely describe anything, we have to round it off at some point and it is this rounding off that completes the process. This reminds me of the endless digits of Pi.

Stasis→process→chaos.

Sameness→perception→otherness.

Symmetry→motion→difference.

Truth→communication→randomness.

The idea here is that symmetry contains no movement, no process, it is completely still. A point with no dimensions, no scale, but in terms of information it is pregnant with possibilities.

All of the high strangeness in science is coming from uncertainty. Science is in the business of explaining things and this uncertainty is getting in the way. Matter has a material quality that emerges out of the information field. Information has a spiritual quality with variation emerging from the singularity. This variation is the echoes of creation and there is no way back to the place where it came from. Truth is the central core of reality and while men consider themselves capable of discerning truth, it becomes apparent that we are only given a glimpse to some degree of resolution beyond which subjective reasoning always intrudes.

The nature of reality is such that every sufficiently complex event is statistically impossible, they are all one time events. This is a dynamic of novelty and so anything stable is forced to fluctuate including meaning. When we measure a thing we may not see the dynamics as a consequence of resolution. This is because the holographic information field has a nested hierarchy of scale.

All of the information in the universe is stored at every point in space/time as a hologram. How is this possible? There is only one way this could happen, that is, as an infinite fractal. There is a hierarchical nesting of scale that contains an infinite number of frequencies and relationships, positions and fields. Every arrangement has a different meaning, this meaning evolves through the nested hierarchy as a continuous process. Information may appear in a digital form but meaning never does. Meaning is always a process. Ideally, when information is in a digital form, it is always static. Any variation will cause the information to lose some of its integrity.

Let's say we have a perfect pristine copy of a movie. We make three copies of this tape and we pick two of these tapes at random and make three copies of each of these and we continue this process to infinity. This could be a useful metaphor to describe the computational geometry of space/time. Over time variation enters into the system in more than just one particular way.

A metastable state is Buridan's donkey, such that, as the choice between two options becomes increasingly equal as a possibility it reaches a decision peak in critical systems. It is this middle state between sub-critical and super-critical where the "magick" (unknown power of self referential noise) happens. This peak is a knife edge in self organizing systems, not to be confused with Fredkin's paradox.

Can we change our reality? We can change our perception of reality by the limits of our degrees of freedom in the computational geometry. This will have an influence on the intentional field, probably to the same degree of freedom. We are in a sense, in a holographic information field that is dynamic. We can call this the fitness landscape. We have a particular position in this landscape. The paths that are presented to us could best be described as a fractal probability distribution. So what is a desire path? In this landscape are many actors generating a field. This field fluctuates creating peaks and valleys. The peaks

are desire, the valleys a loss of fitness, the density is repeated behaviors of the agents as a probability wave, driven by self referential noise. Our ability to reach a peak may be a small effort or a large one depending on the landscape and your position in it. This landscape is shaped by the consensus of the group. Your influence on the landscape is dependent on your position in the landscape.

Information is energy, time is constructed through the process of novelty. Potential is created by the difference between two or more things. This is a relationship of dynamic tension, just like music. Meaning and understanding are qualities of the process of moving from profound truth to meaningless gibberish. The quality of the information can be in its truth value or its ability to create a novel and meaningful variation. The second law of thermodynamics says that most of the time the value will go down, unless there is a control mechanism in place like fitness in the fitness landscape.

Truth as the source of all things, branches out into the darkness of uncertainty in a fractal pattern. It carries with it profound meaning that is expressed in every nuance generated in the fractal computation. As this process is continued more and more meaning is lost, until the variation reaches its maximum. At the extreme end of this process is pure randomness, darkness, or the abyss.

Newton moved us closer to an understanding of reality but his concept of space was static. Einstein moved us a little further along but his concept of scale was static. As we move forward, we will probably find that nothing is static. We do not see the dynamics of scale because of the nested hierarchy of time. Information is stored as relationships. The relationships vary with scale.

The onion is a model of the probability space where the tree of the knowledge (our material reality) is growing, each layer gets progressively thinner, so that, like a fractal it never completely fills space, the space is not infinite. The boundary conditions display edge of criticality in each layer. The physical manifestation (the structure of our reality), could be thought of as a tree like structure, growing in this probability space. At the ends, the filaments are very fine, in fact infinitely fine. All of the information is stored as relationships and as the finest projections are created or computed you have the greatest number of possible outcomes, so that the earliest versions of this structure had few possible outcomes (less degrees of freedom). This structure could be called truth at its core (in the beginning) and chaos in the fine hair-like projections (the end). The ever present now, is our position in the computational geometry.

Buridan's ass, deception, metastability, dithering or self referential noise.  
Fredkin's paradox and degrees of freedom.

You are spirit. You are made of stuff but this stuff is something that cannot be regarded as real. The information is not the structure, it is the relationships. The information contains no mass.

If I were to attempt to construct a geometry to model a particular thought, if this thought is a nested hierarchy of metaphors, no geometry would completely describe it. The dynamic relationships are acausal. As we move into the finer scales or details, the fluctuation of meaning increases.

Sound carries information but sound is not substance, it is a variation of relationships. The information is not static, it has a dynamic of meaning, an expression from another place and time.

There must be a practical limit to the digits of precision in the computational geometry of the system as it relates to a particular scale. Scale and resolution move together and all that we can see or measure is a change in the relationships. We are a material expression at a particular resolution and a particular scale. Cognitive overload has something to do with the digits of precision. When we include the dynamics of scale, singularities and digital horizons disappear.

The asymmetry is our carving out our own niche in this material world and the symmetry is our connecting to the source of all meaning. The source is a pure state of being or what I will call truth or God. You might wonder, is God the source of evil, to which I would say no, not possible. If you are thinking this, you don't understand the concept. Truth is the highest energy state of the system. Truth is branching out into the nothingness as possibilities. We are in the gray region between truth and uncertainty.

How can infinity be bounded into a finite or unitary space? There is only one way, as a fractal.

The material expression of our physical reality is, in a sense, a grand version of "Chinese whispers."

Can immortality be achieved by controlling the rules or laws that govern the variation of relationships? How can we save our memories? What is the best way to store information? To have a continuity of consciousness requires precise relationships. At what level would the variation cease? Could the variation cycle? Could each cycle present a slightly new version of these relationships and still retain continuity? What would we become over vast amounts of time? Only a perfect law could control the variation, to create the most meaning and the most value.

Our extension in space and time has a nebulous quality. It is not precise or discrete. We are in a sense a reflection of the universe itself, such that, we connect in ways that are fuzzy and discontinuous. This is not causation, the dynamics are nonlinear resulting in emergent features that are as unpredictable as the weather.

Even explanation is subject to entropy.

The best explanation is an explanation that doesn't require further explanation. The geometry of explanation is fractal. Explanation is a dynamic network of relationships.

Truth is not the infinite fractal, it is the source. The fractal is generated by the potential between truth and randomness.

There is no reason to assume that the universe is irrational therefore, it is incomplete. Even using the best math we have, we cannot prove anything with complete certainty. What we see are relationships that are either precise or have fluctuation. I suspect that as we move to finer and finer scales, everything fluctuates, even these precise relationships.

You can gauge your level of understanding by the number of paradoxes it generates.

The fluctuation of permanence in the transmission of genetic information is context dependent. The environment imposes constraints on the variation of gene expression. The organism settles into a location in the fitness landscape however, this landscape is dynamic and the location is part of an attractor basin. Architect: Just how long do you think this peace is going to last? Oracle: As long as it can.

The ability to reason out whether something is true or false follows the idea of power and control. While it is desirable to believe that we possess power, this is an illusion, what we have are degrees of freedom in a field of information and the resolution gives us the degrees of freedom, along with our position in the computation or landscape. We can say that a musical passage has more meaning than some other passage but we cannot say that one passage is true and another is false. There is no excluded middle.

If an axiom is both true and false then, it is at the extreme end of the continuum between truth and randomness, in other words, the coin is not heads or tails because it is always spinning, or the time scale is so large that we will never see the result of the coin toss.

The universe is the transmission of a message. The message is some form of a story (the hero's journey). The purpose is some form of a harvest. This harvest is in the form of information. The information has value and meaning. The value and meaning are context dependent. The dynamics involved drive the process, it is the difference between truth and chaos. These two extremes are ideals not reality as we think of it. Static truth has no meaning unless we can perceive it. This requires a dynamic, at the other extreme (chaos), all meaning is lost.

Matter is, in a sense, a condensation of energy, this energy is the dynamic. If information is the source of all things then, we too are, in a sense, a condensation of information in transmission, this transmission is the dynamic. We are co-authors in a story that is still being written.

Because the quality of relationships in any system varies, we cannot treat an infinite series of any kind in the same manner as a finite series. If I am adding an infinite number of pennies to a jar, as the jar fills, the relationships fluctuate and so the idea of adding an infinite number of pennies, one at a time, must include a system to which the next number is added. If an abstract system could contain an infinite series, would the quality of the relationships in the system change? Time would be another example of a system that must change. With each tick of time, if the system didn't change, then the notion of time becomes meaningless.

The linear progression of a fractal system is an illusion. We superimpose a linear logical structure to a chaotic system and what comes out is paradoxes and approximations.

Computational geometry and the translation of meaning across domains. I am not looking for the answers, I'm looking for the questions. The consciousness of humanity is networked together in a domain that we do not have direct access to.

Building a foundation of understanding. The purpose of an education is to build a foundation upon which all new information emerges however, this foundation is often very shaky. Let's say we lay a foundation onto which we construct scaffolding to better understand the structure we have anchored it to. We may discover over time that we have inadvertently placed this scaffolding on the shady side and if we had taken a moment to step back and look, we could have saved ourselves an awful lot of effort and moved to the sunny side earlier.

A great idea has energy. The idea branches out into the landscape and is absorbed by the actors, as this happens, the idea gains momentum and expression. A really great idea can have so much energy that it becomes unstoppable. There is only one question. What is the idea?

If we had unlimited knowledge, how would we store it? As we add information to a system, the relationships in the system change, so that the system itself is the storage medium. The differentiation of meaning moves from logical to illogical, from precise relationships to imprecise relationships. This is a dynamic expression, driven by the difference between truth and randomness.

A random walk is an exploration of state space. A quantum random walk is an exploration that is not constrained by space and time. Light, as a phenomena, is a quantum random walk in state space. From the perspective of light no time passes.

Truth cannot be separated from meaning. Meaning is context dependent and so the relationships become important. The dynamics include consistency vs inconsistency, universal agreement vs disagreement, objective vs subjective etc. It is this dynamic quality that causes variation in the meaning. No matter what we say, about any sensory input or idea we attempt to convey, the information will lose some of its truth value during transmission. Any attempt to remove the dynamics or context will also alter the meaning.

Best chance at powerful AI as far as I can tell, at this moment, would be thousands or millions of high speed processors networked together and synchronized through a power scaling law that follows the Fibonacci sequence in both frequency and connectivity (to minimize destructive interference). This needs to be a very flexible, dynamic setup because you want to encourage emergent behavior.

A belief system is often based on a relationship. Someone you respect or admire sold you an idea so that, you have an investment in the idea. Whatever this belief system is, it filters your perception of reality. Innocence, from my understanding, is unfiltered perception. A belief system is unnecessary.

Our choices affect the degrees of freedom for all future choices.

The main purpose of the rational mind is to live long enough to make a copy of itself, how romantic.

Determinism or indeterminism? As with so many things, it is probably not one or the other. I think it is more like something akin to degrees of freedom, so that freewill has variation, not absolutes. The idea would be, a choice you make now will affect the degrees of

freedom for your next choice.

A novice skydiver uses a parachute packed by someone else. The expert skydiver never does this.

Truth transcends time, time is the division of process. Truth is not inside of process, process is inside of truth. Expression and experience are two sides of the same coin.

Static laws emerge from dynamic relationships but only to some degree of resolution.

Our perception creates a differentiation of meaning, and our consciousness recombines these disparate things in novel ways.

The reason science can't describe reality is the same reason it can't describe a tree. You can draw a picture of a tree, or take a picture, make a movie even a 3D movie but in the end you only have a partial description no matter how much information you use. Science is in the business of explaining things but the explanations will always be incomplete.

Even if the greatest master in music theory gave the most complete analysis of a piece of music, he could only describe certain aspects. Much better to just listen to the piece of music and let it touch you, move you and carry you away.

It is possible to overthink almost any subject and by the time you are finished over-analyzing it, you have a different animal. The value of simple is clarity, the value of clarity is practical application. If you want to apply a principle to your life, keep it simple stupid.

In our quest for knowledge, it seems strange, just how dynamic this exploration is becoming. We should ask ourselves, first of all, what is knowable, and secondly, of the things we are able to understand, just how well can we know them. We have entered the information age. Knowledge is doubling in faster and faster cycle times, but as you may have noticed on the internet, not having all the facts does not seem to stop people from having opinions. These opinions create a field, like the wisdom of the crowd. The truthfulness fluctuates but when we average it out, many times, it is very close to the correct interpretation. Are we influencing the outcome? This would suggest that something like the intentional field of implicate order is in play here.

When an atheist has been humbled, he calls himself an agnostic.

A fundamental feature of the intentional field of implicate order is deception. All intelligent agencies use deception as a tool for an agenda. This is a clue. The reality we perceive has deception built into it. It is being called self referential noise. This is the snow on your TV, the hiss on your radio. It is the abyss, the negative energy in information theory. It is the beautiful lie and it is driving the system.

Our perception is filtered. We differentiate the elements in our field of awareness. We reconstruct these elements in novel ways, this is what imagination is. Intuition is a higher form of awareness however there appears to be a large amount of background noise so that, we cannot really get a clear picture of what is going on. This reminds me of opinions, everyone has intuition and just like opinions, there is a lot of fluctuation.

People believe what they want to believe. People hear what they want to hear. Don't waste your time defending truth, truth doesn't need your help. There is no surer way to hinder discovery than to believe that you already have the answer.

Perception is, in a very real sense, an awareness of differentiation. Women and men are different for a reason, you have to look beyond the physical realm to really understand what is going on. Women complete men and men complete women. If we blur all of the lines, we will end up with a compromised level of awareness. Any sufficiently low level of awareness is indistinguishable from ignorance.

Meaning has a dynamic, a thickness or density as well as a network of connections so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape.

You should be humbled by the great mysteries set before you, arrogance is not useful in this matter.

Desire is a strange thing. How well do you understand your own desires. Often women are more interested in intimate disclosure, which is strange because a woman is just about the most mysterious thing a man will ever encounter. Men seem to favor shared experience, action, adventure, and a woman who will do all those very interesting things. The better you understand what drives you, the more emotional intelligence you will have.

When we belong, we believe. When we separate, we doubt.

We have now entered the age of frigonomics, when a critical mass says "screw it" we are finished.

It's really not all that difficult to notice the deception built into our reality. What is hard to figure out is whether we are somehow involved.

There may be a conceptual propagation of manifestations. In the spiritual realm, light creates and darkness copies because darkness only has access to the shadows.

It is impossible for men to look upon each other as equals, there is always tension because of ambition and desire. When a man does not know what drives him, he goes about painting the world with his own unique pallet of colors, convinced that the ones he has chosen are correct and it is everyone else that is wrong.

It is not possible to separate the person from the message.

There are levels of now and every now is different. Moments have a thickness when we are living them and a thinness when we are unaware.

If we are constructing our own illusions, we may not get to choose how real they seem.

Reality is a nested hierarchy of relationships. We can only measure a thing in relationship to other things. Light does not experience time, only the system experiences time. The

material world as we think of it, is made of information. This information is not stored in the material, it is stored in the relationships. The nested hierarchy of scale is an infinite series of relationships. It is the vanishing point, the squaring of the circle, irrational numbers, Cantor dust etc... We are constrained to the relationships in our frame of reference and when we try to move into these far distant domains, we always encounter a paradox. When we move to the largest scales, we encounter the miracle of "something from nothing" and when we move to the finest scales, we encounter "the mystery of the quantum domain."

Intention is an echo of a previous intent.

The universe is made of information. There is an organizational principle or process at work in the cosmos. Information has energy and in terms of its potential. Meaning, value and novelty play a role. Matter is the medium of expression and the energy is stated as mass times the speed of light squared. For information the value or the energy is measured as a truth value over all possible applications of expression. The higher the truth value the more it applies. An idea whose time has come has energy.

The idea that knowledge is power must include the energy contained in truth over application, and novelty over value.

Novelty emerges from the foundation of understanding.

Isaac Newton advanced our understanding of physics but his concept of space/time was static or rigid. Einstein advanced our understanding a little further but his concept of scale was static or rigid. Probably, it will turn out that nothing is static and that the collective principle of organization takes advantage of processes on many levels and in ways that are for us, at this time, unimaginable.

All behaviors are constrained by the relationships in their frame of reference. In the end all we have are the relationship of measured things and incomplete descriptions.

It is important to remember that words are cheap, it is action that counts. It is action that gives ideas expression and it is action that proves the words. [Experience and expression are two sides of the same coin.](#)

The dynamics of the quantum realm are causation without representation.

The internet is taking "wisdom of the crowd" to a whole new level.

Ignorance is, not learning from your mistakes. Intelligence is, the ability to navigate the fitness landscape. Wisdom is, the ability to maximize the health of the fitness landscape.

I suspect that I may be surrounded by people that are operating outside the normal range.

Consciousness relies on the integration of expectation and sensory input, to create a best guess or controlled hallucination.

Godel's incompleteness theorem is a statement about the absurdity of reason. If an axiom can be both true and false then, it lies quite literally outside the bounds of reason. Nature is

lazy, it likes to copy, this is a fractal probability distribution.

So why is every electron exactly the same? Richard Feynman thought maybe there was only one electron but it is possible that the electron is a precise relationship of something more fundamental.

The holomovement and process; the undivided whole is differentiated by perception, this creates a disturbance in the field. The disturbance is information but it is different, new or novel because of imprecise perception and intention. Perceptions are always a best guess or controlled hallucination. From this information, intention is formed in the form of an echo from a previous intent but again this is an approximation to some degree of resolution. Expression and experience move together in and out of these nested hierarchies, creating new or novel information. The geometry involved is a novelty or imagination engine.

The universe is a pencil standing on its tip and if time does not flow the pencil will remain like this forever. This is the highest energy state for the pencil. When the pencil falls, it picks a direction randomly however, what is the relationship of one direction over another, the relationships only begin as the pencil starts falling. The movement could be called the holomovement of David Bohm, and when the pencil has completely stopped moving, the universe has entered a heat death.

Quantum uncertainty is always creating novel relationships to some degree of resolution. This is the dance of expression/experience. Self referential noise is the fiddler.

Truth is precise associations without fluctuation, but everything is fluctuating and so, we only see truth values. The degree of precision is important in that it gives us the applicability of any truth value.

Everything that comes into your five senses is an approximation of reality and its applicability is a measure of its truth value. Applicability is a material expression of process.

The explanatory power of math isn't always precise because of applicability. If it doesn't apply, it isn't true.

Penrose tiling; The plane we are tiling is not only extended into the third dimension it is also dynamic (fourth dimension), and if it is fractal, the dimensions continue into state space.

When we are so disposed to opinion as to become contrary to reason, we have entered into the realm of emotion. In this place the intellect is helpless against the ravages of passion, only the spirit has the power to restore reason.

Our focus from this moment forward must be on the health of the system as a whole. This dynamic, interactive system has many components that we are just beginning to understand. As our understanding increases we should be able to predict a range of possible behaviors, depending on what we change. The goal is not control, it is understanding.

With the measurement problem, when we have the particles location, we are in a sense

stopping time but the electron is part of the holomovement and so a slice of time yields a partial or incomplete picture of the holomovement. If we think of a holographic plate, the electron is everywhere on the plate and it is our particular vantage point when viewing the plate that gives it location. Perception creates a differentiation. Reality is constructed by emergent phenomena. Think of the holographic plate as a dynamic system rather than a static plate. The plate is one slice of time, as a system the structure is nothing like a plate, it is more like sound waves moving as spherical ripples in time. There must be some form of a container with everything inside of the container affecting everything else to some degree.

Information and awareness in a system; the system as a whole has a complete awareness of itself. Perception creates differentiation, the differentiation divides the awareness, this process is, in a sense, a division of consciousness. The meaning contained in the system is moving from the highest state of application, through nested hierarchies of meaning and association into a realm of imagination where all things are possible but less and less meaningful.

The singularity is a point, but a point is a theoretical object. When a photon interacts with a photographic plate, the location of the photon is a combination of its wave amplitude and the position of the plate creating an artificial slice of time. This illusion of location is no different than the illusion of complete information about the photon. This photon may have come from a star a billion light years away but it is everywhere. The interference pattern from the two slit experiment shows bright bands and dark bands, and it is the dark bands that are the most interesting, because the dark bands are not empty, that would be like saying that some part of the wave does not exhibit any behavior.

The mathematician is trained to see the world a certain way and so he can become very myopic. The scope of vision required to see the world as a dynamic integrated whole might be more along the lines of a poet's perspective. Perception creates differentiation and it is the act of perceiving that narrows or broadens the scope. An imagination engine cycle would look something like, perception, intent, action, expression. So maybe you could call it a four stroke engine. Intention is an echo of a previous intent.

We live at the edges of a shadow. The edges are always moving. It is the gray region, the Goldilocks zone.

The brain maps motor control in the same manner that the universe itself maps the material in it. A particular movement of some part of your body will have a location of highest probability/density in a region of the cortex and yet the ability is also present as a distribution in the surrounding cortex although not as precise.

It is amazing to me that the atheist refuses to admit that we have already encountered a miracle (something from nothing). If there can be one miracle, there can be another.

The value of uncertainty is novelty.

Robots have a limited range of behaviors. They are very accurate, very fast, and very stupid.

We need to consider the nature of information. Things like meaning and relationships,

along with any value or application within a context. Also the material world might be all there is or it might be an expression of something more fundamental. Immortality would require precise relationships, any variation would need to be constrained by a perfect law that retains the form or relationships so that randomness is never allowed to reign. I think the energy comes from the difference between randomness and precise relationships in some way so we would need a different engine.

At the end of the day, all we have are the relationship of measured things and incomplete explanations. Science is divided into the empirical and the forensic, and as it turns out both are limited to some degree of resolution.

How can action occur on a hologram? The hologram stores information that is updated by behavior. It is the behavior that has location. The information about a particular particle is stored everywhere. When a behavior occurs the information is updated everywhere.

If all of the information stored in the universe is stored as relationships then, meaning becomes an essential component and truth is relational. If it doesn't apply it isn't true. When the philosopher makes a statement that can be both true and false, he should realize that the statement has no application. He is not being clever, nor is he being wise. A pointless pursuit is always pointless. Thus we should simplify for clarity and application. Simpler is almost always closer to truth. Additional note; we are talking about a hologram with a fractal probability distribution so, even logic (fuzzy) has a fractal quality to it. Explanations can be in the form of nested hierarchies. In the end, all we have are the relationship of measured things and incomplete descriptions.

A person is always a composite creature, depending on what he is connected to.

Right action is measured in the heart of every man. His skill in determining right action will vary from man to man. The consequences ripple through history, sometimes in a smooth, calm fashion and sometimes as a tumultuous storm.

A perfectly symmetrical (in terms of relationships) input of sensory data would essentially be random noise with no differentiation from any of your senses. So, we could say that perception creates a differentiation and all sufficiently complex events are statistically impossible, they are all one time events. In assuming this, we must add the degrees of precision the brain will use to process the data. Next the brain will add expectation values to the data to create a best guess and viola, you have cognition.

Since all sufficiently complex events are statistically impossible, does cognition round off the statistical impossibility of a complex event? If we are in a simulation, there might be processing limitations involved.

The symmetry of the "potential" of the boundary condition of time has a fractal quality such that the forward direction of time does not mirror the reverse direction of time. This difference gives a behavior that we think of as acceleration or gravity. The symmetry of the "potential" of the boundary condition of time varies with scale and resolution. So we should expect these behaviors to follow a power scaling law in some manner. These behaviors are constrained by the relationships in their reference frame so, the difference between forward time and reverse time varies with the reference frame. We can say that a

behavior has location but we cannot say exactly what an electron or a photon is, other than the fact that it has a very precise relationship in some form of a network.

Scale is the new up.

When desire sleeps it is but a subtle influence, when desire awakens, it drives the world and everything in it in ways that are too sublime and terrible to imagine.

Mostly, anything intangible is profoundly absurd. Our perception becomes increasingly filtered over time, this is the opposite of innocence. Our only chance at discovery is to nurture imagination. Reason is the servant of all of the higher levels of awareness. No aha moment is ever the product of pure reason.

Nothing can harm you, you have nothing to worry about, nothing will happen. Sounds good, yes? This thing we call "nothing" is the outer darkness of the great beyond, and is, in a sense nonsense.

Adolescence is that period of time when your brain is frantically building up layers of filters in order to try and make sense of the world around you.

If a system is sufficiently complex, all we can do is tweak the parameters, run it in real time, and watch what happens. Immortality does not necessarily need to be static but it must include some form of harmonious relationship. Did God have a choice in creating the universe? If He took a static law which is perfect and applied a dynamic principle to it, this generating set would create meaning and values that are precise and in the end would not be a zero sum game.

Emergent relationships and the differentiation of meaning in nested hierarchies. Truth as a precise relationship in a dynamic system. General relativity in state space. Is gravity behaving like a strange attractor in state space?

You are spirit. You are made of stuff but this stuff is something that cannot be regarded as real. The information is not the structure, it is the relationships. The information contains no mass.

An instant is a theoretical object, nothing happens in an instant.

If an infinity were frozen in time, what would it look like?

Question everything!

What do we really know?

Existence is some form of phenomena.

There is something rather than nothing.

Behaviors are repeatable to some degree of resolution.

Everything is moving and the relationships are always changing.

There is a principle of organization involved but over time everything tends to disorder.

Many of the things that grownups have chosen to ignore, the child perceives and ponders deeply.

Along our path lingers a scent, it is the leftover expressions imparted to the world by your passing. Some people leave a sweet fragrance and others a foul stench.  
You are responsible for the odor you leave in your wake.

"Now" is a mirror precisely positioned between the past and the future and it is reflecting in both directions. The surface of this mirror has imperfections and so the reflections cannot faithfully match either the past or the future, there is always a slight variation. The randomness imposed by the imperfections has a fractal quality with extreme sensitivity to initial conditions. It is not the mirror that is moving, it is the imperfections.

In an infinite probability space, does mixing metaphors matter?

The system is fragile because of human nature itself.

A concept will last only as long as someone is available and willing to understand it.

The fractal mirror of time is a kaleidoscope, the jewel at the heart of physics. What the precisions are I cannot say. Perhaps it is ratios.

A rock does not need information to tell it how to be a rock. That is not how information works. The information is stored in the relationships that make up the rock. If the relationships were different, the rock would be different. We can rearrange the relationships of many things at many levels. If we scramble the relationships, what happens to the information? Sheldrake would suggest that new relationships, something the universe has never seen before, are resisted by some form of energy (morphic field) but as the arrangement becomes more common, at some point it becomes easier to produce.

Everything is fields.

If we are in a simulation, it is pointless to talk about the arrangement of the pixels on the screen.

A computational mapping of possibilities is linked to a system that measures value and meaning against effort and application. The geometry includes nested hierarchies, an interconnected network of associations and the one thing that keeps the processes from locking up, self referential noise. If the universe is a decision engine using pseudo-randomness to keep the computations from locking up then we could ask; what is the purpose or what is it trying to solve? Also; what is happening to the information as the process matures? What we are talking about is informed random walks in state space, like wisdom of the crowd, this involves fields that we have yet to identify. When you include the quantum domain, then you are talking about quantum random walks that are not constrained by [space and time](#).

The particle/wave duality has something to do with the nature of time. Time is intimately linked to information, you cannot separate them. Information moving in time always contains meaning. This meaning has a truth value. There is a dynamic nature to these truth values with application and material expressions. Experience relies on these expressions, it is the perception or division of the expression that creates the experience. How much we

are able to understand varies from experience to experience. In the quantum world these expressions have a probability. A fractal probability distribution.

The holographic theory says that we are in two places at once. One of these places is a projection and it is essentially nowhere and the other one is the hologram which is essentially everywhere (you are smeared across the entire surface), so you could say that you are in that space between nowhere and everywhere.

On a hologram, scale would be irrelevant, what would matter are things like the relationship of frequencies, patterns of interference and non-interference etc... How could fields be generated on a hologram? A hologram stores information this information is relational, the relationships describe the field, these fields are dynamic so, does the surface of the hologram have extension into another dimension in space or in time? If this surface is dancing, the fiddler is self referential noise.

Truth is not inside of time, time is inside of truth. Truth is not inside of process, process is inside of truth. In terms of information, truth appears to be the most fundamental thing. Truth has the most symmetry, it looks the same from every angle, at every scale and no-one can prove this statement is incorrect.

If the universe is holographic with a fractal feature such as, experience and expression, fractal folding back into the hologram, then our understanding of scale needs to be drastically modified. To describe the fractal folding of information; if you have enough information to ask a pertinent question, you have enough information to answer it.

Physics is a form of magic. No physics textbook remains relevant for more than ten years. The physicist is the new Wizard, it is a dark magic. We are children playing with nuclear fire.

To find out what is really going on in the world, you have to take in information from as many different sources as possible, average it all out, down to an approximation and hopefully, you will be in close proximity to the answer. This is wisdom of the crowd but it only works with an informed source.

I will use a manufacturing company as a metaphor to describe our reality. When we look at a company there are many things going on. The less you understand it, the more chaotic it looks. The behaviors are both a consensus of the actors and a set of individual goals and depend on what the actor is connected to. Some behaviors will be very simple (push a button every hour) and the actor can be changed with no measurable difference, to some degree of resolution. Other behaviors are so complex that even if all the actors and all the other factors are the same, you will see a noticeable difference in behavior that cannot be predicted. Profit occurs in many layers and exist in the system in more than one way and in a sense, has a hierarchy. Profit to individuals, to teams, to the company as a whole. You could say that all profit is equal but some profits are more equal than others. In a sense profit and value are the same, and the system is healthiest when the value is maximized throughout the hierarchy. Novelty plays a key role in shaping the behaviors that emerge from the actors. This novelty comes from imagination. The value is intimately linked to meaning. If it doesn't apply, it doesn't have meaning.

Life is a sustainable system of organization, using fields to retain a specific form. Microtubules read the field, inform and organize the material in the system. The material is

an expression of the field, this field of information has potential, the potential is generating meaning or value. It appears to be coming from the spiritual realm.

"Now" is a position in a fractal structure which is essentially a computational structure and is the interface between the past and the future. It is the fractal folding and unfolding of information. The surface or interface has very slight variations that cause the information's dynamic (like a processor). If "now" is like a mirror then the past informs the future and vice versa, if it is more like a window then the future spills into the past with subtle variations that can never be predicted beyond some degree of resolution.

The idea that everything can be computed and everything can be explained is flawed. The dynamics of the system do not allow for completeness. Partial descriptions will always be the norm.

Truth as a logic structure is closer to simple and the further away from simple you get, the deeper and more nuanced an explanation will become until you reach a point where the energy is so high that no explanation is possible.

The density of time, cognitive overload and stress. There is a principle of balance. Humans are designed experience life's ebb and flows. You cannot spend all of your time at the high end of the spectrum. Make time for everything in moderation.

Small children believe that unless you lock eyes with them, you can't see them when they close their eyes. It turns out that they know, you can see their feet or other parts of the body. The first conclusion would be that the child is naive but this is not the case. The child believes that their essence, spirit or true self is not in their body. This belief is common among all young children. This is the same idea as, the eyes are the window to the soul.

Truth is about meaning and application. It is also about getting your head, heart and feet all moving in the same direction. What we value matters and the more we understand, the more alive we are.

The reason you can't walk through a wall is not because of particles, it is because of fields. If you were only particles (you wouldn't exist) but, you could walk through the wall the same way two galaxies can pass right through each other. When Rutherford discovered the nucleus of the atom, what he really found was another, smaller version of a field. Just like bouncing a tennis ball off the wall, the interaction is because of a field.

What we think of as a particle is a packet of energy, that can combine or interface with the environment in some way. The behavior has location but, we cannot say whether the material (particle) has location. The material could in fact just be an illusion caused by our incomplete understanding.

The human brain is a fractal antenna that could in fact, be reading fields that we don't even know about. These fields, if they exist would be quantum in nature. As an example migrating birds, photosynthesis and quantum random walks in state space.

Beauty is a curious mix of geometry and randomness and is perceived more by the heart than the head.

Questioning a man's philosophy won't get you in trouble as fast as exposing the flaws in his self narrative.

Backward causation might be better explained as read ahead.

A fractal probability distribution is not purely random, it is complex and chaotic but not purely random, nothing is.

The definition of "definitions" is an infinite network of associations.

In an infinite probability space, all behavior is possible but not all behavior is expedient.

Inside the Mandilbrot set is the non-computable region, the region is finite but the boundary is infinite. There is a bifurcation of expression. Everything inside the infinite boundary is part of the set and everything outside of the boundary escapes and is thrown into the outer darkness.

Entanglement could be a wave-like behavior propagating in a superfluid, where dimensions are a computational entity and measurement is an exchange of information in the system.

The number of behaviors that can be contained in a region of space is proportional to the force of gravity in that region. It is the folding of information into a region of space that contains a holographic horizon where all of the information is stored but because the horizon is colliding with other horizons, the information is mixing and becoming entangled. How much of the original form remains depends on the fields involved. The singularity or folding of information into a maximum compression generates another behavior, possibly spin. The event horizon is evidence of maximum compression. When we talk about isolated event horizons, we are referring to a particular time scale. At the scale of galaxies very long time scales are involved and at the scale of atoms, times scales and isolation are very much shorter.

All behavior is governed by fields generating forms. Information folds into and out of the holomovement as a form of computational geometry.

The particle zoo and behavior. We are cataloguing behaviors, in the quantum realm, there is a minimum amount of space, time, energy or behavior and as these behaviors combine, you get very complex unpredictable behavior and emergence. These behaviors can be expressed as geometries, computations, networks of relationships or interactions of something like particles, our explanations are just like the blind men and the elephant.

DNA is using some form of quantum computation that is so sophisticated that we are having trouble understanding it or even recognizing that it exist. Material expressions that result from these molecular communications, are really the new frontier. The high end of computation will be in organic material, not silicon.

Truth has three components, simplicity, application and meaning.

Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite.

Meaning lives in that space between stasis and chaos. Measuring the coastline of England is a great metaphor for describing the fractal nature of information. With a very large ruler we will always get the same answer, about 7,723 miles, but as we move to finer and finer scales the answer begins to fluctuate between some range that continues to increase as we move to finer scales. At some point the dynamics, nuance, or level of description becomes so energetic that no answer is possible and the meaning is lost.

The world is a labyrinth of ideologies that are, for the most part, educated guesses. Truth always appears to be just out of reach but close enough to get a sense of it. Mingled into every perceived experience is the dithering of random noise the brain uses for processing, and so every truth has a bit of randomness, meaning is built from this process. You are almost never in a position to defend truth, any truth, you are moving through a network of associations, where meaning and understanding fluctuate.

Perception and understanding move together, and are, in a sense, a division of the holomovement. A division of time creates conscious moments, these moments are part of a nested hierarchy. Our experience cannot be contained in any particular level of this hierarchy, our experience is smeared across many levels. The multi-dimensional experience is at times, thin at one level and thicker in another, very much like the surface of the ocean when you broaden or narrow your scope.

If we can describe all behaviors as computations on a system that displays both holographic and fractal features, what does this say about motion and energy, acceleration being of particular interest. I would suspect that the level of description continues to increase proportional to the acceleration. As a computation the resistance would occur as a result of the processor reaching some upper limit.

The holographic nature of physical reality would suggest that, without sufficient resolution a behavior cannot be manifest. As an example; an image of a small object on a holographic plate is stored everywhere on the plate however, if we cut the plate down to a small enough piece there is no longer enough resolution remaining to represent the object.

All behaviors fall within some particular range, over many iterations, this range always tends towards infinity unless some organizing principle is involved.

Profound beauty is very much like profound truth, in that there is a harmony or balance between the many elements or dimensions involved. Our connection to both beauty and truth are possibly, the gossamer strands of subjectivity that are both undefinable and fragile.

A careful analysis of either beauty or truth will only diminish their quality. This would suggest that mystery is one of the dimensions.

An infinite fractal boundary versus pixels on a screen. With the fractal, as you zoom in, it is just more of the same. With the pixels, as you zoom in, (if we are talking about a hologram) at some point, you will be left with only one pixel to represent the entire image.

The universe is a musical composition, in that, there are relationships between the intensity, duration, and frequency as a nested hierarchy. These relationships contain meaning that is read by all of the constituent parts within the sphere of influence. Consonance is very

different from dissonance but both are required for expression. The quality varies and for sentient beings this quality is given value. Man was not created merely to survive, survival is not the engine of life, meaningful expression is.

Certainty lives inside of simplicity, simplicity lives inside of truth. Every sufficiently complex event is statistically impossible. Any repeatable behavior that we can measure with great precision would, by necessity, be closer to simple and that makes it closer to truth.

Because the event horizon stores all of the information within its volume, and the position of the event horizon is determined by gravity, there must be a correlation between gravity and information. A description of a black hole is very much like a description of the Mandelbrot set. The event horizon and the infinite boundary being equivalent. Consciousness could also be described by these features.

The universe is one thing describing itself as an infinitely nuanced hierarchy.

Degrees of freedom versus levels of description in a system. The system must use a principle of organization to combine or unify the behavior of a collection of the constituent parts, so that an emergent behavior will manifest. The degrees of freedom for the collection is less than the degrees of freedom for the sum of the parts without this organization. This is true of physical laws and consciousness. We cannot describe the behavior until we reach a scale where we can see the collective organization, this is when the information about the behavior emerges. Principles of organization can exist at many levels in the hierarchy.

When robots require a psychologist then we will have reached a level where we can talk about A.I. The reason is complexity and emergence. To be sentient requires a level of complexity, we don't understand.

People are not precise, no-one is. If you don't believe me, try asking for complex instructions to some task. Every person will weigh the information, give you what they feel is relevant to but not to the point of exhaustion, and will assume you can figure out the difference. If they are being thorough they will still stop at some level of description because the nuance involved may simply be too deep.

The reason I have written my loose confederation of ideas in the manner I have chosen is, to describe the ideas from as many angles as possible. No, one angle could give a complete enough picture, there are simply too many dimensions.

The geometry of emotion is more prevalent and more powerful in qualia space. The shape may be some form of fractal antenna, reading fields in the quantum or spiritual realm.

The boundary between the non-computable region and everything outside of the set is not an infinitely thin line, it is a region that has depth and density.

The geometry of a conscious moment is a structure, this structure represents a concept and cannot be divided. It constrains the previous version to a finite arrangement just as it does the next version, each in turn strobing from one to the next at about 100 milliseconds. This maximal irreducible conceptual structure is a fractal of a larger more complete structure,

that is a fractal of an even larger more complete structure, that is probably strobing at a different cycle rate. Each conscious moment is unique because your mind has filtered out anything superfluous from the whole.

The mind is never still, what is fluctuating is awareness.

Each conscious moment is a collection of things that can't be separated, except by another conscious moment.

It seems strange, that a conscious moment could include both the past and the future but this is correct. The past and future are both constrained by a fractal probability distribution.

When organic material is completely programmable, everything will change. This organic matter will be exquisitely efficient at reading fields that we don't even know about.

The conceptual structure has a fractal nesting such that, there is never any real separation but a continuous rearrangement of associations. Awareness is dependent on the levels of description associated with the nested structure. It is only irreducible to some resolution, these various components are chosen by the reticular activating system and give the awareness. At the same time another level of processing or integrated association is going on at the subconscious level, to some degree of resolution. These fractal arrangements could be acting like antennas reading fields in the quantum realm.

Systems and sub systems processing: The subconscious mind processes information coming in at different cycle rates (vision has longer cycles than hearing). When presented to the conscious mind, the information is synchronized (the specious present). There are different computational geometries involved. For the subconscious mind it is probably not possible to have a maximally irreducible conceptual structure because of the holographic nature of the fractal hierarchy. Awareness would be by necessity, a synchronization of the disparate information collected in the subconscious, a controlled illusion. We are talking about an information system in which the material expression is the arrangement of fields with many features including nested frequencies. The sensation of self (inner feelings) is part of a feedback mechanism for navigating the world, without this the organism would have no reference frame. This process exist in some form all the way down to single cell organisms and perhaps even beyond. The possible states of the system have a geometry, if the system were a guitar, how many possible states could the guitar be in? Each of the six strings can generate many overtones at various volumes as well as the body of the guitar and so, the number of states is going to be very high, no point in time would be a discrete arrangement. Just like a song, the past, the now, and the future are woven into each other.

This would have to be the same for each conscious moment.

Our reality is the mental becoming material. This happens through action, it is action that counts. For example, I can think about creating a new life all I want but no new life will emerge. If I want to create a new life, this will require action.

Needs are islands of stability in a sea of wants.

One possibility; the future is part of a fractal computational geometry. Second possibility read ahead or quantum random walk in state space. If the universe itself is behaving like a mind, it is looking at

possibilities. These material expressions are, in fact, fields, a particular arrangement, transferring information through association and nested hierarchies.

Imagination drives explanation.

An exponential growth in technology will not last forever, it will peak and then fade. If we are lucky enough to survive it.

We have placed a courageous guard around the idea of explanation and in so doing have cut off the path that would lead to understanding.

Dynamic problems require dynamic solutions.

There are no perfect symmetries, there is no pure randomness, Brownian motion does not describe quantum fluctuations correctly, it is a small boat on a choppy sea. The motion is a pseudo randomness, because as soon as it becomes a material expression it has entered the space between perfect symmetry and pure randomness, which are only ideals.

The distinction between the quantum and classical world is not discrete.

Systems are nested hierarchies, the more understanding you have, the better able you are to address the issues that will matter most.

Evolution of belief systems and issues of control? If something is worth believing in, it is timeless.

The heart is more important than the head when it comes to achieving greatness.  
For the average task, only the intellect is needed but a great challenge will require heart and soul.

Imagination is the connecting of disparate things in novel ways.

If the universe is an information system, we are connected to only a very small part of the spectrum and from this, we must deduce the entire system. This will not be easy. Holograms and fractals, resolution and scale, relationships and context, the pilgrim and the journey, truth and chaos, darkness and light, these are the currency of understanding.

Symmetry is an operation without a difference but I will argue that in a holographic universe with fractal properties, every operation will produce a difference, however small.

Are quantum random walks in state space capable of measuring value in some manner. There is an organizing principle in operation that we have yet to discover and if value is involved this raises some interesting questions.

Time is process, and can have more than one dimension.

With consciousness, more is different.

Critical thinking is the best education. Do not teach children to parrot facts they could easily look up, teach them how to think. If you don't know what is going to work best, do not get lazy, find out and teach it.

The quantum realm is not 1's and 0's, it is a fractal probability distribution and the material world is constructed from a more is different principle of organization.

You are unique, you are a very precise arrangement of possibilities. You live in that space between possible and impossible and your journey is the bridge.

The mathematical description of the plank scale is based on assumptions that are, so far, unproven. We may very well find that as we move to finer scales, there are an astonishing variety of behaviors that have no bottom. What we think of as natural law is an organizing principle that is scale dependent.

You are precisely positioned between two worlds that don't exist, the world of perfect symmetry and the world of pure randomness. Every engine takes advantage of a difference.

The structure of reality is a computational geometry that is fractal in nature. Truth is the highest energy state of the system, we are branching out in a fractal pattern into uncertainty. What we value matters, meaning is generated in a nested hierarchy. The intellect will only get you so far, beyond this are things like desire. Desire is a higher level of processing, it is deeper and more nuanced. There is something beyond the emotional realm that I will call spirit, as an organizing principle, spirit has the ability to transcend space and time and generates value and meaning that have harmonious relationships that keep the system going. Without harmony and some principle of organization, time or process would end.

If we were wise, we would not build computers that think like we do. Fortunately, we can't build computers like that, yet.

Science can answer many questions, why is not one of them.  
Science is not in the business of assigning value to anything.  
Just because we can do it doesn't mean we should do it.

We could ask, did God have a choice in creating the universe or we could ask, did the universe have a choice in creating itself. You can see how the really big questions very quickly become subjective.

How do natural systems find balance? They have no choice, it is either balance or oblivion.

The simple answer is, you don't have all the answers, in some areas you're going to have to wing it.

Time has a quality, when you frame an event in time you impart some of this quality to the event. A good example; "I'd rather be a lion for one day than be a sheep for a thousand years." The quality that time imparts to this statement can be thought of as very valuable for one day and not so much for a thousand years but notice this connection to control. Does the lion have any more control than the lamb? What if we have deceived ourselves and it is behavior and not control that ends up mattering. The lion goes about being a lion and the lamb is always sheepish, control is the illusion, neither ever really had control, they had a role to play. A dance of mutual expression, framed in time. Light does not experience time, we are creatures of light.

You are limited to a particular range of behaviors, your destiny is obscured by shadow, light can guide but it can also blind. A great light will illuminate your path well if that is where it is pointed but if we try to turn it inward it must be much more subtle. Preparation for the journey is but a small part of the

journey.

The computational geometry of space/time is fractal. The entire system is interwoven as a fractal and as each series of iterations occur, there is a dithering of sorts because the difference in possibilities can be metastable in many locations in the computation. Each layer of the system computes in a frequency that is probably following the phi ratio. Measurement is always described as ratio and scale may be, in a sense, an illusion. Light appears to be scale invariant and the cutoff frequency may be another illusion. If this is true, everything is fields and particles are just a smaller version of a field.

The space filling properties of consciousness. All dimensions are equal but some are more equal than others. The expansion of space/time may very well behave like a fractal where each iteration produces finer but exponentially more stuff.

Culture is herd mentality, creativity lives in the fringes.

The system is so complex that I have had to abandon my faith in the "so called" experts. We are all, everyone of us, amateurs.

As the complexity in any system increases, the ability to form a correct understanding decreases exponentially.

Your beliefs determine which genes are read out and expressed to some extent.

The best evidence of unsophisticated ideas is the behavior that follows.

All of the information coming from your senses is gathered, sorted, synchronized and presented to the conscious mind along with associations from memory, assessment of any values, projections for the future and some form of experiential meaning. The system uses fuzzy logic and some form of dithering to hasten the decision making process.

We have assumed that the fundamental nature of reality is something we can explain and understand but it wouldn't surprise me if underneath it all is an incomprehensible mystery. While we continue to get closer to the truth, really what humanity has been doing all this time is squaring the circle.

When someone speaks to me from their head, I might listen but am often sidetracked. When they speak to me from their heart, I pay attention.

Reality is a nested hierarchy of behaviors. We know that behaviors have location in space and time, beyond that, we don't know much. It should be obvious that gravity cannot propagate at the speed of light. When you roll a bowling ball around on a trampoline the shape moves with the ball, there is no delay. If gravity were not instantaneous, the planets would be flung out of their orbits. This is linked to spooky action at a distance and has to do with the properties of space/time itself. I would also guess that gravity is an emergent phenomena of something more fundamental.

Time, gravity, the stretching out of space and the second law of thermodynamics are linked in a manner which has yet to be described. If the expansion of the universe is speeding up, this could mean that the degrees of freedom in the outer fractal hierarchy is increasing (Fredkin's paradox). If the nature of the universe is indeed digital then what the speed of light defines for us may be the processor speed. If it is a hologram with fractal features, time will have nested cycles. The resolution of a system defines the

limits of any value assigned to it. Infinity could be the changing value inside of a cycle, possibly fractal reiterations. At the finest scale, we end up back at unity, each point represents the whole. Stretching space affects time and gravity. Frames of reference are scale dependent. Information can be folded and unfolded into nested hierarchies. Emergent behaviors have less degrees of freedom than their constituent parts.

All behaviors are constrained by the universe itself, beyond this lives only the imagination.

Sound does travel through the vacuum however, it is the faintest of whispers.

Particles are the properties of space/time itself. It is information folding and unfolding within nested hierarchies and associations. The geometries evolve into emergent behaviors. There are organizing principles involved such as, "nature is lazy, it likes to copy."

The largest thing we know of is an arrangement of information, so is the smallest thing we know of.

Stretching space affects time and gravity. Frames of reference are scale dependent. Information can be folded and unfolded into nested hierarchies. Emergent behaviors have less degrees of freedom than their constituent parts.

We know that 90% of the information we have access to is wrong and about 10% is correct, but which 10%?

The intellectual realm is usually not too difficult to navigate. Most people find their niche and naturally fall into an area where they can do pretty well. The emotional realm is deeper and much more nuanced, behaviors ripple out into the landscape in ways we would never imagine. It takes a very long time to perfect the kind of emotional intelligence that creates win-win scenarios as a general course of action. The spiritual realm is so nuanced and so deep that few navigate this landscape without upsets, wrong turns, misunderstandings and a sense of one's own hypocrisy. There are very few superstars in the arena of spirituality. I would also guess that being spiritual, for the most part, is not highly valued in our society, also there is little consensus on what constitutes spirituality. As I have stated it is a deeply nuanced realm that does not give up its secrets easily. You have to want it, you have to work at it and most importantly, you have to care.

Anything worthy of passion requires effort. The intellect is fine for the average task but a great challenge will require heart and soul.

Imagine AC current as a scalar wave, if time has a 3 dimensional component then, it could oscillate at a particular scale and frequency such that there would be continuous motion in each direction of propagation although the value or strength of the field would behave like a transverse wave.

Why is low hanging fruit so appealing, passion lives in the top of the tree.

The energy of a particular sound spreads out into the medium that carries it as finer and finer influences until they are so small they can no longer be distinguished from the background noise and essentially become unified with it.

Could space/time be concentrated as a nested torus? Could matter be a geometry of space/time itself?  
Can a chain reaction be described as the sudden unwinding of a feature of space/time?

We would have to lay a ground work before attempting to have a meaningful discussion of any very complex subject. The nature of God would be a good example. If we want to describe God from a particular perspective, we could choose from a variety of sources or we could ask what would be the most likely characteristics. I think God would be intimately associated with law. These laws might include a static principle controlling a dynamic association. The more sophisticated the law, the more harmonious the associations.

All of the information we have access to comes from either our own observations or the observations of some other flawed creature and so, we should not be surprised if we can't completely describe gravity or consciousness and we can't come to some agreement on things like religion and politics.

Suspension of disbelief in the dream state. You do not have access to logical thinking unless you are having a lucid dream. This is a very interesting aspect of consciousness, why don't we realize that some particular aspects of our dreams are untenable?

A robust computational geometry self organizes, creating novel time dilations that approaches infinity. The flexibility of time in random walks involves harmonic oscillations of the holographic structure following the phi ratio. The flexibility of time is scale dependent.

Particles and relativity; a particle is the collapse of a particular dimension or dimensions of space/time curling into a compact toroidal structure. As we approach the speed of light all of the photons reaching our position move in front of us in a tunnel that narrows as we reach light speed. This geometric phenomena is probably repeated at all scales.

The universe is ringing like a bell. This suggest that scale is not precise, it is relative. Everything is an approximation of something else because fractals simulate higher dimensions. This includes physical reality and phase space.

Does mystery have a purpose? Without mystery there would be no wonder left in the world.

To see the division of consciousness, look at children. To see the reunification of consciousness, look at an old married couple.

With the hard problem (consciousness), we are trying to describe a geometry. This geometry will include time. Time has not been properly described. I will throw out two names, Nassim Haramein and Gavin Wince. I think the ideas of both of these men may lead to new discoveries. Stuart Hameroff suggest that consciousness can be described in musical terms, in other words, it is more like a song.

This idea has merit, the structure of a song requires very precise relationships but also, there is a freedom of variation. This is going to be very difficult to describe mathematically. We might try to imagine that scale is relative and that time has a nested hierarchy of cycles or maybe time has more dimensions than we thought. We cannot spend too much time looking for the answers when we haven't found the question. A fourier transform of the cosmic microwave background radiation shows the universe is ringing like a bell.

Good music is deeply nuanced. The universe behaves more like a song than an equation. This idea of particles is troubling. Probably a particle is an emergent phenomenon.

For time to be reversible, emission requires a wave like properties and absorption requires a particle like properties.

The value of trust is very much like the value of dignity.

Something from nothing is a miracle anyway you slice it.

Truth is the law and time is the process of explanation. As the explanation is passed around it is changed and the further from truth we get, the more dynamic the process becomes.

No relationship is absolute and discrete it is resolution that creates this illusion.

When two bodies fall towards each other, resolution and scale are important. Let's say a bowling ball is falling towards the earth, the earth is also pulled by the mass of the bowling ball but until the earth can move at least one Plank length in one unit of Plank time, the earth will not be moved. The mass of the bowling ball would have to be increased until the mass reaches a particular level to bridge the quantized steps that would allow the earth to move one Plank length.

This reminds me of the photons discrete steps.

The past and the future are woven together, this moment has more value than most realize. Much of success is about this moment.

Our reality is a blend of the impossible becoming possible.

The wisest see the interconnectedness of all things at every scale and from this, choose the things that create the most value.

The photon is a particle and a wave. This is the same as saying I know which illusions are real.

Truth is the most secure foundation that you can build on.

Quantization is the harmonic relationship of a fractal topology.

What we value matters. We become what we are connected to.

We are not material creatures having a spiritual experience, we are spiritual creatures have a material experience. The reason we are here is to learn how to love.

In the material world, information does not move in a linear fashion and all of the rules depend on relationships.

Fuzzy logic is a fundamental property of the universe. This upsets the dogmatic pragmatist to no end.

I am under no obligation to provide any answers because, I am not looking for the answers, I'm looking for the questions.

Symmetry, dynamics, and perpetual motion: Information is a difference that can make a difference. Understanding is life, islands of order in a sea of chaos. Perception creates division. The engine is imagination and the fuel is novelty. Innocence is unfiltered perception. We live in the shadows of perception where all belief systems are filters. Meaning is created through this process. In order to create meaning something must be consumed. Light pierces the darkness and is consumed, truth pierces the chaos and is consumed. The universe behaves more like a song than an equation. How can location exist in a song? We can give behaviors location, beyond that we cannot say.

All of time converges on this one moment, all of space, on this one location.

When computers can write poetry that touches the soul deeply, only then, can we call it A.I. (unless you want to call it augmented intelligence).

The human body (your body) is islands of order in a sea of chaos. At the finest scale you cannot differentiate your body from the probability waves all around you.

We inhabit a world of information, this information has qualities that extend beyond our ability to describe them. This is a multi-dimensional probability space with fractal features. We can describe behaviors to some level of description. If you assume that an entangled pair of photons only has some number of influences guiding their behavior and the behavior does not support this then, you will need a deeper level of description. You will very quickly reach a level of description where the energies are so high that no description is possible.

We do not have the moral will or the moral skill to navigate the world we now find ourselves in, we do however have the capacity for great destruction.

The computational geometry of the reality we perceive has two formats, the tree of knowledge (fractal) and the tree of life (also a fractal). The academic world is only focusing on the former and the elite seem to be very interested in the latter. Resolution and scale become important along with the dynamics of complexity involved. Your perception boils down to what you value and what you are connected to. The simulated reality we are in is the tree of knowledge so which part of this knowledge can we trust in? The tree of life is the best place to put your trust. We live in the shadows of perception. We are made of stuff but this stuff is something that cannot be regarded as real. All of these geometries are metaphors of something else, the spiritual realm, it is all information., the fractal is a trinity of a trinity of a trinity of a trinity etc...

The integration of information and vulnerabilities move together.

Variation at the cosmic scale has large regions of homogeneity or voids. At the scale of galaxies there is more fluctuation and many more nested hierarchies within the region of the galaxies. As we continue to finer scales, the nesting of variation becomes denser and denser. The denser the region, the deeper the levels of description. In other words, how much information is needed to describe a particular region of space/time? The ratio of the homogeneous regions to the regions with lots of variation is very high. This is a fractal nesting of information. It is not the digital horizon that prevents Zeno's paradox, it is the dithering of self referential noise.

This tiny speck of the universe (humanity on the earth) is generating information at an exponential rate. Whether this is happening elsewhere in the universe is unknown at this time.

Quantization and time; light is separated by discrete frequencies, these frequencies are related to time in a different way than its speed passing a certain point in space. Think instead of a variation past a certain point in time. I would suspect that time is behaving differently with these different frequencies. This is a relationship of precise ratios, something like harmonic nesting. Einstein believed that space was smooth and continuous. This quantization is one of relationships and space/time is more like a fractal nesting of harmonic ratios and chaotic ratios. The phase transitions of matter always occur at the boundary or criticality at the edge of chaos. Time may have more dimensions than we thought.

The real revolution in AI will come from organic computers. When we start building computers out of organic material, everything will change. The reason, these computers will be able to read fields we don't even know about.

The human brain uses a mapping of associations. When you perform the same operation over and over, your brain is building a map.

There should already be something in place to monitor disruptive technologies in a way that we are able to prevent the disasters they are going to create. Change is inevitable but at this point in history, it is also exponential. The larger and more integrated a system, the slower it is to respond to change and so we are in for a hell of a ride, no question.

All of the most important information should be free to the public. This idea of creating hype "to sell a book or a service" mainly helps the author. The purpose is book sales and the benefit to the reader is a second order affair. In other words any perceived benefit could be real or an illusion. What is important is how often these fads come and go with no real benefit to society as a whole. I really don't need to know how Tony Robbins got rich if I have to give him money to find out. I do not measure wisdom by the wealth that has been concentrated for his benefit unless there is an even greater benefit to society. The material world is transient. There are more important things to consider.

When a religious system or a government organizes into a bureaucracy, it is the bureaucracy that incessantly moves all activities increasingly and inevitably towards its own destruction. The momentum will always become greater than the influence of its wisest members.

We are here for one and only one reason, we are supposed to learn how to love. We will not achieve this through war. Is there no-one among you with the wisdom to keep chaos at bay, the collective wisdom of humanity will not suffice.

When our theories continually move us into more and more complicated explanations then, it is certain that we are moving in the wrong direction.

It is important to note just how much deception is required in social interactions. The higher the strata, the higher the stakes and the more important the deception.

If the structure of the universe is information or consciousness then the quality of the source would be, by necessity, harmonious, pure, or maybe something like a loving God. This would bring up the question of evil. If there is evil in the world, the connection to love is through freewill. Without freewill it is not possible to make a bad choice. With freewill the possibilities are only limited by the imagination.

The cutoff frequency for light is related to two phenomena, the source (the source will always have a

range of very specific frequencies) and the stretching out of space (there is a relationship with time and the stretching out of space). Scale is relational and the only constant is ratio.

Value and bureaucracy: What we value matters, at the individual level, you will have small fluctuations and as the group size increases, you get a "more is different" principle of organization. At some point, like earthquakes, we are going to see "the big one." A large bureaucracy is very much like a large bomb, it can do a lot of damage. Much better to compartmentalize the distribution of power, but this too is very likely to fail over time because there are always opposing forces trying to find balance.

Ideology will not fix anything, only understanding can do this. The level of understanding required to fix the mess we are in is beyond the scope of human comprehension.

Essentially, evil is a lack of understanding. The more you understand, the more alive you are. Without understanding you are dead inside. All of the chaos and hatred is being created by a kind of zombie mentality.

The fabric of reality is continually being woven into a tapestry of meaning.

In the "more is different" principle of organization, the degrees of freedom are reduced in the collective, in relationship to the sum. This creates a field that I will refer to as "the intentional field of implicate order. The idea here is that the range of behaviors is reduced to an optimal set.

There are as many definitions for success as there are people.

Nothing has the power to destroy like secrets in high places.

Trust is so important why would anyone think manipulation is even an option?

Agendas create illusions. Life has complexities that cannot be described so easily.

Do you feel an urgent need to be useful to others. That is not why we are here. You are a partner in a dance of mutual expression.

Process divides truth (through self referential noise) perception divides process.

Human interaction should be more like a dance than a game of chess. What is the purpose of competition? If it is to create desire? Desire doesn't need any help. Is it to motivate others? If so, what is the agenda? I have to place my desires into context with my community and hopefully there will be a good fit. Balance is essential.

We have to use dimensions to describe relationships. There is more than one type of dimension. Spatiotemporal dimensions, hierarchical or nested dimensions, and a range of associations that vary according to stable rules and rules that have fluctuation, there are also abstract dimensions such as value. Now imagine trying to create a map that has all of these properties. That is what your brain does to make sense of and navigate the world. There is also the additional function, "Buridan's donkey," otherwise choices would take far too long. The predictability of behaviors depends on the level of complexity.

A highly complex range of associations can never be discrete. Therefore there is no digital

representation that will reproduce all of the nuances. At best you can create an approximation of these systems. Don't forget that along with the relationship of connections, there is also a temporal component that uses frequencies of nested harmonic and discordant relationships that probably utilize the golden ratio because this ratio prevents interference.

Did rules create behaviors or do behaviors create rules, or maybe it is some combination of these two. In the physical world the operation of cause and effect break down at some resolution for reasons we don't yet understand. This would suggest that what we think of as a fundamental law is probably a different animal all together.

We are navigating a dynamic landscape. Behaviors range from simple to very complex, difficult to easy, important to unimportant etc... What we value matters, we become what we are connected to. Observation from as many angles as possible and at every scale is essential. Also it is better to have strong predictive abilities and understand the associations involved which are often deeply nuanced.

The structure of life is subtle forces in very specific geometric arrangements.

Unmanifested possibilities in nested hierarchies; the intellect navigates a value landscape of tangible possibilities. Emotion navigates a value landscape of connected associations, some of these are tangible and some are ethereal and exist as nested hierarchies with the intellectual component being just one of these. The spirit navigates a value landscape that includes both unity and infinity, an instant of time and eternity, certainty and all possibilities. Any expression of these things in the material world exist as fields.

This idea of the abundant life being somewhat ethereal has merit. Think about the things that really make you happy. How many of these things had a tangible material quality, probably very few of them. Understanding is the key to the abundant life, gain understanding. The proper order is spiritual things, then the connection to loved ones (emotional) and at the bottom, material things.

Education has been hijacked for the purpose of making money not for giving the student the proper tools. We have reached the point where anyone can get access to information at little or no cost and the type of information is much denser in terms of content. Credentials should already be free at this point.

I would have to say that it will be very difficult to determine whether computational geometry or physical geometry is more fundamental. My suspicion would be computational for the simple reason that, whenever we try to describe the relationships strictly in terms of material processes, we encounter paradoxes. The more elegant the explanation, the better the chance of being correct. Much of physics has become overly complex hinting at the possibility that we are missing some essential clue.

No source of information is unbiased, the quality of the information always exist as a continuum. There is variation with both the source and the receiver. The variation can only be constrained within some range depending on the levels of description. Information has an energetic potential and the variation is the dynamics of meaning within context at some particular resolution, as we move deeper into the explanations we encounter self referential noise. This energetic potential can be so large at a particular depth that all of the meaning is lost.

Gaining enough experience to be proficient at a given task versus acquiring credentials; is it validation that becomes so important? Why should credentials be so expensive, we have long passed the age of books and classrooms. This is a control issue. Harvard and Yale seem to me to just be a boot camp for the elite. I'm not down on learning, I'm down on suppressing learning. These very large bureaucracies are slow to react, change is the new norm. The distribution of resources must be managed well, the pool of talent is there, limiting resources would be a costly mistake.

Consciousness requires criticality at the edge of chaos, not in one location but in a network of associations that have the property of harmonic and golden mean intervals in both time and location. Spirit is a realm where space, time and scale are different. How well microtubules are able to read the fields from this realm are unknown at this time.

An echo is an imperfect copy of the original, it is information but it is information from a different time and place.

Light pierces the darkness and is consumed, truth pierces the chaos and is consumed. Every engine takes advantage of a difference. In order to give light, something must be consumed.

If we are lucky any art we produce will communicate with the emotions and if we are very lucky, even the spirit.

Perception is the ability to differentiate. Consciousness "the self" is your reference frame. To navigate the landscape, all creatures need a reference frame. No computer can do this. The geometry involved has not been figured out yet.

Patterns of movement through the matrix, the implicit and the explicit, a swirling of possibilities, a yearning for something more. "I don't know why I do that to myself," it is desire that is the greatest of mysteries. Your operating system is in need of an update. Prayer changes things.

Most of the time, the gurus are just as wrong as everyone else. If we are in a simulation, then it is pointless to try and describe the relationship of the pixels on the display.

In spacetime the wave is not just a wave, in many cases, it is a collection of nested frequencies and the relationship of the frequencies is important. Things that endure in time have harmonious relationships and things that decay quickly do not.

Patterns are used for predictions. We look for patterns so that we can better navigate the world. Their usefulness is in their predictive abilities. All patterns rely on a collective principle of organization. Resolution and scale become important. The patterns only emerge as a collection of random behaviors that organize as the collection increases. Different scales contain different patterns and at a particular scale in any system no pattern is detectable.

Reality can best be described as a complex information system. The information has several qualities.

If we think about how the various components of the system interact, a picture begins to emerge. Competition is not good or bad but it does have a space in the system where good outcomes are highest, we just need to figure out where that space is and the same thing applies to cooperation.

Stupid is unpredictable but unpredictable is not necessarily stupid. The best gauge for stupid is its effect on the health of the system. Stupid has this quality of always being destructive, messy, unhealthy and pointless.

Time as a series of events in relationship to one another: A man is standing next to a railroad track and a flat car goes by with another man bouncing a ball on it. The man next to the track sees the ball moving in great sweeping arcs (20 feet) while the man on the flatcar sees the ball moving straight up and down (3 feet). So how far is the ball moving with each bounce? That is relativity. The time of the ball is seen differently by each man. There is movement in both time and space for the ball but for each man the relationship between them is different. Acceleration is not involved with respect to the train, that would be a difference within a difference.

Anything with an endurance in time must, by definition, contain harmonious properties. As always, the main problem will be interpretation. The interferometry image of an atom is a frozen moment in time (measurement) which is always incomplete. As an example, we are given the impression from this image, that we have particles with location but I can tell you that if we had a complete series of images the apparent location would always be in motion in relationship to something else and would appear to be very wave like.

Pay it forward generates more value than tit for tat.

The reason many of Tesla's projects were not funded is because his over confidence caused him to become impractical.

Arrogance is of no practical use in determining the nature of reality.

It is my suspicion that the most fundamental thing is computational geometry.

The more the ability or function of a system can be reduced, the less complex it becomes., at some point the complexity will become irreducible. This is always true, otherwise it is not complex.

Our education system routinely trains imagination out of our children.

The anthropic principle states that the universe itself is irreducibly complex.

If the most fundamental thing is information then anything we can say about reality will just end up being a metaphor.

There are two possible explanations for Zeno's paradox, one; there is a digital horizon, this explanation

is a bit awkward and two; it is fractals all the way down. Think of the Mandelbrot set as an infinite structure in a finite space.

Does evil exist? Is there evil in the world? If we replace the word "evil" with the word "stupid" then the answer would be, yes.

From my understanding, a block universe could not exist. The future unfolds in a manner that is not deterministic. It is complex, in fact, it is fractal.

The best definition of self esteem is not "loving yourself," it is refusing to replay the negative tapes in our head.

A musician who is connected to his instrument intellectually will sound like they're just playing scales. A musician who is connected to his instrument emotionally will sound like they're taking you on a journey. A musician who is connected to his instrument spiritually will transcend any limitations, thus creating something that cannot be described in words.

Excellence requires commitment, commitment requires passion, passion requires values, values require spirit.

The manifestation of physical structure has more to do with probabilities than particles but the probabilities are fractal.

Robust systems have a dynamic hierarchy of nested behaviors. How many moves ahead are you able to think when playing chess? How much effort are you willing to commit to understanding the deeply nuanced structure? Probably, success is not what you think it is. Adventures require novelty. Value has interesting surprises.

Noticing stupid and enjoying stupid are not the same thing.

Because of the internet, it has become very common for people to posture themselves as experts. The more dynamic information becomes, the less truth it contains, meaning is built from this process.

An Irreducible conceptual structure would be a step in a process but I will argue that the past, present and future are woven together in a manner that causes scale and resolution to become the most important feature. There is a nested hierarchy of meaning.

Something from nothing is a miracle any way you slice it. If there can be one miracle, there can be another. Now is not the time to become arrogant, we are only just beginning our journey of discovery.

Removing accountability on a global scale is a recipe for disaster. Self organization can take unsophisticated ideas to the gates of hell and beyond.

There is a big difference between the stage magician and the wizard. The magician creates illusions in the real world and the wizard makes illusions real. The artificial intelligence we are dabbling with, is a parlor trick by magicians. The wizards will use organic material to create artificial intelligence.

The computational geometry of "AI" is based on a more is different principle of organization. Some of the elements are; the same as conventional computing and some are better described as nested hierarchies of associations. Music would be a good example of this idea. If you are listening to a song, there is no absolute distinction between the past, present and future, they are in a sense, woven together. A sound wave is a collection of nested frequencies acting upon each other and the space that they occupy is filled with many variations or echoes of the source blending in ways that increase the complexity by orders of magnitude. The information contained in this song is both objective and subjective and depends on what you are connected to.

It is not the job of the intellect to tame the passions of the heart, that is the job of the spirit. The intellect is best managed by the heart, without this connection you get the psychopath. The heart is best managed by the spirit, without this connection, you get the horrors of war.

Organizing your life around material things is a very low bar.

We have to get beyond the idea that stupid refers to intellectual stupidity. That is the mildest form of stupid and pales in comparison to emotional stupidity, which pales in comparison to spiritual stupidity.

The subtle nuance of the human condition and the subtle use of power: The range of influences is infinite, the wisdom however is not. Information is becoming more and more powerful and what we do with it will have the capacity to become more and more destructive. The more integrated information systems become the more fragile they will be. Designing information systems that become more robust with each disruption is going to be tricky.

If it's relational, there is a geometry involved, whether it is a computational geometry or a physical geometry is another question.

Our models are very much like metaphors attempting to describe the relationship of the pixels on the display. We can say that behaviors have location, beyond that, we can't say much. All we have are the relationship of measured things and incomplete descriptions.

The universe is governed by law, this law has its origin from outside our time domain. Contract law and freewill; if there is a God and he has a contract with us, being God, He would never break the contract, breaking the contract would have consequences. Freewill implies the possibility to break the contract, with the consequence being obvious to anyone paying attention. This tree of the knowledge of good and evil is a metaphor of an engine that is losing meaningful relationships or value. This engine is generating novelty at the cost of harmonious regularity.

In nature a virus was isolated to a region, those days are long gone. The language of life should be restricted.

Information is a difference that can make a difference. Life says that the difference can be measured as value.

Ideas are like the planet itself, there are lots of gems but you have to dig for them.

How does value live inside of process? What would be better, the first poem you ever wrote or the last

one? What happened in the interim? Value, meaning and efficiency increased.

Time is very much like a conversation, as long as we are both alive there is two way interaction but when one of us dies the conversation reduces to whatever information has been preserved, such as a letter, book or video and is only able to move in one direction.

Two explanations for the "stuff" in the universe:

1. Stuff is created by something more fundamental.
2. There is no stuff, everything coming into our five senses is an illusion.

A bureaucracy can self organize so that corruption is not only possible, it is guaranteed.

If all light were entangled, two things might immediately happen.

1. All dimensions would collapse to zero.
2. Time would stop.

According to Einstein's relativity. I think, time has more dimensions than we have been told, in other words, like space, time has three dimensions that are inversely relational to space.

If it is relational, there's a geometry involved. Information is stored in the relationships. Meaning is a dance of mutual expression. Expression and experience are two sides of the same coin. Perception differentiates information, information is given value, value creates desire, desire creates intention, intention becomes expression, an echoing of possibilities.

All belief systems are filters, innocence is unfiltered perception, a belief system is unnecessary. We are connected to our environment through belief. We shape this environment to some extent, depending on how much intention is involved. This is the intentional field and just like a magnetic field, it is composed of many elements, if this were not so, we would have noticed it much more often. Like wisdom of the crowd, it is a collection of various perspectives.

Truth has three components, simplicity, application and meaning. Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite. Love is the material manifestation of the spirit, being a form of action that includes both shared experience and intimate disclosure.

Belief systems are filters and perception is differentiation or division, so where is truth in all of this? Deception's role in value creation is a tricky subject. Value generators rely on connections and death is a form of separation. This reality has the curious habit of moving us towards value no matter what the truth happens to be. Notice that the definition of value becomes all important. So there would be this idea that truth, however important it might be is often at an angle or direction that is different from value (Buridan's donkey) and the engine or motivation is a movement towards a perceived value. The terrible truth and the beautiful lie. In the fitness landscape, we have fitness peaks and attractor basins of various geometries with perception playing the role of differentiating these features. Everything is approximations, nothing is discrete. Choosing requires good timing and here too, deception plays a role. Spirituality is the alignment of truth and value.

Life is a principle of organization that is particularly concerned with value creation.

Value is the perceived benefit in the process of choosing.

Freewill is a branching out of choosers into a system of networked associations.

Love is a dance of complementary expression.

Puzzles need solutions that require effort, if no effort's involved, it is not a puzzle.

Wisdom is a higher state of value creation than intelligence. Many people pride themselves on being clever not realizing that there is little or no benefit to themselves or anyone else. There are people in the world that would not score high on an IQ test that are amazingly wise, you probably know people like this. There are people that would score very high on an IQ test that are incredibly stupid. See: [The basic laws of human stupidity: Carlo M Cipolla](#). Wisdom is a composite or multi dimensional aspect of the human condition. Value is the key feature, the better you understand value, the wiser you will become.

What we value matters, we become what we are connected to.

Some will say there is no magic in the world, don't believe them, they are not experts. Consider this, by a single act you can create something so extraordinary, that it would take you a lifetime to explain it (a child). This child will contain one of the most remarkable things that exist in the universe, imagination.

The energy contained in hatred is destructive, the energy contained in love is constructive.

Whoever said "God is a mathematician" or an architect was not paying attention. The universe behaves more like a song than an equation. God is the great composer. A song contains mathematical relationships but an equation does not contain a song.

Information is folded into the holographic black hole, information is folded into a super-fluid, in both cases light is involved.

Is truth complex? No, truth relies on harmonious regularity in some form. Life is complex, containing both harmonious regularity and chaos. The universe itself is irreducibly complex, as a finely tuned system with many interrelated features, it cannot be reduced without destroying it. If we think of this system as a system of value creation, novelty comes into play and since every variation could not possibly increase value, this system would most likely have to utilize dynamics to generate value with some form of by product that we cannot consider valuable. The ratio of valuable and non-valuable things would not be discrete. Variation in this system would invade every element of the system to some degree of resolution.

When we try to describe logic, we find that our explanations are incomplete. When we try to describe the features of the universe, our explanations are always incomplete. We cannot say at this time that we will ever have a complete explanation. Can we say that mystery has value? In the world of experience, mystery does have value.

Forget about religion, bear with me, I will explain. All belief systems are filters, innocence is unfiltered perception (a belief system is unnecessary) truth never survives these filters. Spirituality is not an achievement it is a relationship. As Solomon said all is vanity. Most of the world is very busy gathering for themselves any material wealth they can get and the rest are working furiously to earn their way into paradise, all for nothing. Get wisdom, gain understanding. Wisdom is more precious than fine gold tried in fire. We are free moral agents, remember who you are. Dogmatic belief cuts across every dimension of the human condition, no-one is an expert, we are all, everyone of us amateurs. Your creator wants to have a relationship with you. The ball is in your court. The more ignorance or arrogance you possess the less likely you are to succeed. In the spiritual world, success is measured in souls.

In politics, the goal is control. Those that control the definitions steer the culture as they please.

Money spent on education and money spent on prisons is inversely proportional.

Unfiltered perception and unlimited wisdom are unstoppable. Our only connection to truth is in the echoes of creation and there is no way back to the place where it came from. The small child has a better position in regards to perception and over time the wise gain understanding.

Justice is destroyed by that curious feature of the human condition called greed. The only defense is accountability. Once balance is gone, tipping points become inevitable.

Expectation colors experience.

Ignorance is no excuse for not remembering who we are, we are creatures of light. Ignorance is no excuse for failing to notice the wonders all around us.

Value is an emergent property in state space. In the beginning the universe was balanced between harmonic regularity and self referential noise. In this meta-stable condition, space was at maximum compression and time was at maximum expansion. The result was a phase transition of space/time. This could be considered an oscillation on a cosmic scale. Process is a differentiation of meaning from simple truth at one extreme and self referential noise at the other. If we wanted to create a set of rules to write a musical composition that was meaningful and efficient, what rules would we use? Music is the universal language, music is the language of the soul. Value is relational and depends on what you are connected to.

In the movie "The Matrix," everything was an illusion, even Zion, The Architect, etc... Each had a role to play, many had a sense of control, this too was an illusion.

Awareness branches out as a network of associations. The connections strengthen or weaken as a consequence of value. We exist in this web of experience through these connections, good in one direction and evil in another.

It is our ability to process the information we encounter and what we do with it that makes us who we are.

**The probability space exist as a trinity.**

The non-computable region, (consciousness).

The infinite fractal boundary, (the material world).

Everything outside of the set, (the imaginarium).

Disruptive implementation and observation; if your changes turn out to be disruptive to the system in a bad way, it means your observations were incomplete or worse, misunderstood.

Integration and vulnerability move together.

We are all trying to extract meaning from our world, you can't blame people for that, only the methods.

Two drops of water that could be considered in all regards as identical, separated in space, have

separate identities however, two drops of water that could be considered in all regards as identical, separated in time are considered to have the same identity. In this regard, we see that time is not just another dimension of space/time, there must be a distinction and if the math says there is no distinction then, the math is wrong.

For the psychopath the connection between the head and the heart does not appear to exist. We might consider the idea that the heart is reading fields that the head is not even aware of.

Information is a difference that can make a difference, put enough of these together and you get everything we see around us.

Both truth and beauty rely on geometry.

The qualities of the geometry of music are not well defined. We understand them only superficially. The levels of description go very deep and we intuit the beauty in various ways. The energy, passion, flow and tension all give us a sense that cannot be described as a sensory phenomena.

We should not expect life to hand us everything on a silver platter, that is not living. Our meaning and purpose are tied to something ethereal. We are always entangled in our connection to others, a dance of mutual expression.

The universe has conspired to make this particular task a bit more difficult than we originally anticipated.

The idea of fractals is the idea that nature is lazy.

The problem is simple, the solution untenable; why is there suffering in the world? People only care about the problems that affect them directly.

The translation of meaning in nested hierarchies, the fractal folding of information, the variation of relationships in self referential noise; information is a difference that can make a difference, it is the processing of meaning in relation to something else, the deconstruction and reconstruction of our shared reality.

Life is about finding your niche in the system and making the most of it. All living systems attempt to maximize fitness regardless of what is true.

Life can only exist when it is in the stream of energy flow. It takes a lot of energy for life to have a chance by creating islands of order in this vast sea of energy.

If we think of space as a gas and time as the pressure of the gas, we see that gravity is the force of a region of higher pressure compelling the object in it to move to a region of lower pressure.

Growth cannot be guaranteed, only change.

It is amazing how often truth and value are out of alignment.

I don't believe in experts, you can't stand in front of me and tell me what to believe. I've spent far too much time in research to fall for the lazy man's approach to wisdom.

No-one understands truth. The man that says he knows the truth is selling something.

In a multi-dimensional probability space all of the information is stored as a network of associations, there is also a time component or dynamic. The time component doesn't have to be one dimensional or 1/2 a dimension.

The lazy man's path to wisdom; form an opinion before you have enough facts. It is important to note that in some matters you will never have enough facts.

People rarely back up enough to see the entire picture.

Spirituality is not an achievement, it is a relationship. All life seeks value over truth and spirituality is the alignment of truth and value.

The feminine essence of being is intimate disclosure, the masculine essence of being is shared experience. The young woman dabbles in sex (for which she is not ready) to get love and the young man dabbles in love (for which he is not ready) to get sex. Each is hoping for good outcomes but their definition of success is very different.

The secret to happiness is what we are connected to, which shapes our values.

The world would be a paradise if we could minimize bureaucracies and agendas.

The medium is the message as a principle of organization; matter is the condensation of energy and all of the information is stored as relationships.

Being wise is not always easy, it requires effort and most people are far too busy being clever.

Any behavior we can name is constrained by a network of associations.

Being charming means connecting with others on their level.

There are at least two qualities to nothingness; there is no possible differentiation and this condition is constant. or, (consistent non differentiability).

Anyone who spends more than 0.0001% of their talk telling you why you should trust them is really saying "I'm trying to set you up."

There is turbulence in the quality of the information on the internet. The more turbulence, the less truth.

Liberty and freewill must include the ability to control the definitions.

The material reductionist, the sociopath and the psychopath all have the same problem, they can't see past the end of their nose.

These self proclaimed experts will tell you they have the answers, as though they understand. No-one knows where we are or why we are here. No-one can say what a photon is. No-one can say what time is. All we have are the relationship of measured things and incomplete descriptions.

On an infinite fractal the behavior would have to occur at a particular scale, this is what self organization is. Without this we would get Zeno's paradox.

Positively curved space generates extra dimensions (1 degree can become 91 degrees), add fractals to this phenomena and you get a surface of nested dimensions with different layers creating different behaviors.

The "nature is lazy" principle of organization; a fractal is the shortest distance between two points.

Freewill has a fractal quality. Every choice has different degrees of freedom that follow a power scaling law.

Let's start by trying to work out how we define a few things such as, law, information and intelligent design. Law is a relationship with features that are consistent, this could be fundamental or emergent. A fundamental law would have a static quality and an emergent law would fall within some range of application. Information is a relationship of association and would be context dependent. Meaning is never static, and information uses process to convey. Information could appear in a static form but meaning never does. Intelligent design is more concerned with value than truth. Value creates a feedback loop that builds even more value and truth is only valuable within some range of resolution where false positives have more value than false negatives, in such cases as a prey species identifying a predator.

If you want the miracle to happen, you have to create the space for it.

Time behaves differently in super-fluids and black holes, this is related to light propagation. Particles lose their identity in both super-fluids and black holes. Waves only exist inside of time. The energy of a photon is stored as a rate of change in frequency and the number of times there is a change in direction instead of speed. Speed is the linear dimension and wave amplitude is one of the perpendicular dimensions and the digital horizon may not exist as a function of the way in which time is related to the perpendicular dimension.

It is better to question an ideology than to manipulate others in order to serve it. Every ideology has flaws.

Every emergent behavior requires a principle of organization, it is in this space that consciousness lives.

The incessant scrambling to find a geometric description of reality fails to define the fluidity of subjective reasoning that colors our filtered perception. All of the meaning is stored in the relationships. The "stuff" of reality is created by the relationships. Nothing is absolute or discrete, the variation is scale dependent.

Representation and reality;

1) mirrored, 2) masked and denatured, 3) hidden and 4) disconnected.

The tower of Babel is the human imagination in full bloom. Tower of Babel 2.0 has begun, it is a comedy of errors that will unleash the monsters from the Id.

This one thing that includes everything, we call universe, is by definition undifferentiated.

What's worse, being pathetic or apathetic?

Physical processes that are highly energetic have many more levels of description.

In a song, 5% of the information is stored as a relationship that can be described mathematically and 95% of the information has an emotional or spiritual content that cannot be described by math.

I'm not a mathematician, I'm not a philosopher, I run the still at Wild Turkey, making Bourbon. I throw this stuff out because I enjoy these ideas and I am certain that some of it is valuable. Life was meant to be experienced, not explained.

It is one thing to construct a model of the universe that describes it as a four dimensional continuum where nothing moves. It is quite another thing to stand in the midst of this great wonder we call universe and loudly proclaim "nothing moves." The universe was set into motion, no question. There is some kind of prime mover and some kind of organizing principle involved.

Time is a four legged mammal that quacks.

"Quacks" contains the most information because there are many mammals and there are many four legged creatures but only one creature quacks.

We are moving from the highest possible symmetry to the most likely outcome.

A lie has more dynamic than truth but truth has more potential in terms of meaning.

Syntactic-formal rules.

Semantic-deeply nuanced understanding.

Observer relative-conscious of some event.

Consciousness is intrinsic-belonging naturally; essential.

Epistemic-having to do with knowledge.

Ontological-having to do with existence.

Epistemically objective-facts.

Epistemically subjective-opinion.

Ontologically objective-the actual, mode of existence.

Ontologically subjective-experienced by a subject.

Simulation is not duplication.

Being a computer in the observer relative sense is not an intrinsic feature of an object but is a feature of our interpretation of the physics of the phenomena.

Computation is not a fact of nature, it is a fact of our interpretation.

Turing machines are not found in nature they are found in our interpretation of nature.

It should be obvious to anyone paying attention, that we are dealing with information. There is no physical geometry, the geometry is computational. You can think of two entangled photons as being on the surface of an expanding sphere where the photon isn't what is spinning it is the entire sphere, some form of two dimensional phenomena expanding into a third dimension but probably it is all computational just like the CGI we use in the movie industry.

Zeno's paradox and ratio; the turtle can only take a small step each unit of time but Achilles is able to take a much larger step in the same unit of time. Given sufficient time, no matter how much lead the turtle has, Achilles will always overtake the turtle. Instead of a digital horizon, we may have to think in

terms of ratios of nested fractals.

Having a broken motivator and a broken limiter switch is a really bad combination.

There are three kinds of people in the world, dumb sheep, dumb sheep that have convinced themselves that they are lions and dumb sheep that have convinced themselves that they are owls.

Respect is only necessary when it serves an agenda. The desire for respect is very much like the desire for praise.

We should not be running around like a bunch of three year olds, fighting for scraps, while the world burns.

There is a principle of organization at work in the cosmos, Darwinism is dead and will be replaced by something surprising however, the damage has already been done. You have been taught to think about a creator as an unsophisticated myth. The best evidence of unsophisticated ideas is the behavior that follows.

The physicist, materialist and evolutionist have had plenty of time to figure this stuff out and they still don't know why we are here, where we are and what the hell is really going on. If they say they are making progress it is because they are trying to acquire a grant. There are no experts, we are all, everyone of us, amateurs.

Everything happens for a reason, there are no accidents, just a change of actors.

The universe is irreducibly complex and has a complete awareness of itself. Perception divides process, process creates expression, expression creates experience, experience creates sensation, sensation creates perception, it is here that awareness lives. Everything is linked to value creation with varying degrees of freedom. All material expressions rely on action, all actions rely on intent, all intents rely on desire, all desires rely on values, all values are tied to belief systems and all belief systems are filters. Truth is outside of time and innocence is unfiltered perception.

Darwinism gained popular support at a time when it was believed, life was not terribly complex. The complexity involved in living systems is only now beginning to be appreciated. We are a very long way from understanding the many layers of complexity involved and by the time we are finished figuring it out, Darwinism will be a very naive assumption.

We do not need to spend another 100 years looking for a physical description of reality. The computational arrangement of our physical reality is a tree like structure growing in a probability space that is layered like an onion except, the layers get thinner with each iteration so that it never becomes infinite. In computing this holofractal structure the first iteration is very coarse grained with few degrees of freedom, with each iteration creating exponentially more degrees of freedom. Over time, this highly nuanced structure creates many levels of description. We live in the shadows of perception, we are made of stuff but this stuff is something that cannot be regarded as real. Truth is the highest energy state of the system. Truth has the most potential and uncertainty has the most variation.

Starting with the assumption that ordinary matter when constrained inside of any sufficient energy flow will spontaneously arrange itself into the most efficient arrangement (nature is lazy), whereby future states contain more order than past states as a definition of a time or entropy reversal (relative to some

other part of the system). The mechanism could be God, consciousness or something like a random walk that includes all future states that we would normally ascribe to a single unit of time or process, we are still left with the question of how the universe wound itself up in the first place. This is computation in some form and would suggest that the most fundamental thing is information, with space/time being emergent whether by entanglement or any other physical process.

The worlds greatest swordsman has nothing to fear from the second best swordsman, it is the rogue bastard that lives by no rule that he needs to worry about.

An overly complex explanation began with an unsophisticated assumption.

When Darwin promoted his theory, no-one had any idea how complex life was. Evolution does not begin to explain any of the big questions. Altered states of consciousness are far denser in terms of information content. Everything is fields, the brain is reading fields we haven't been able to describe properly. Information theory and quantum random walks in state space.

I find the idea of a block universe to be very unsatisfying. The reason science can't describe the universe is the same reason they can't describe a tree. No matter how much information you use in your description, it will always be incomplete. The only complete description is the tree itself. It is amazing to me that people will argue over who is smarter and has the best explanation of the tree. Are you kidding me? The tree is meant to be experienced not explained, just like life itself.

Think of truth as the [phi ratio](#) and think of the energetic potential of the universe as the Fibonacci sequence ringing like a bell.

There are no perfect symmetries, there is no pure randomness. the mechanics are not random, they're fractal. Think of a tree growing in a box with the inside surface of the box as the place where we will register the probability of the tree eventually touching after growing for a period of time. Roughly speaking any portion of the surface has an equal chance of the tree touching it but only some portion or percentage of the surface will ever include the tree. Now replace the box with an onion type, container, where each cycle of time includes both a portion of growth for the tree and another layer for the onion. The inside surface of this onion now includes a new probability distribution where each new layer is dependent on the previous layer and each new layer has a finer resolution with more degrees of freedom but not infinite degrees of freedom. The center of this structure had few degrees of freedom and the final layer has the most degrees of freedom. The outer layer of the onion would not be a perfect sphere, it would be more like a fractal surface such that the surface area would increase with the resolution. Our universe, the universe we can see is the tree like structure.

The reason the expansion of the universe is accelerating is because state space is increasing, it is all information.

The best leaders don't give a damn about the definition of leadership, they are thinking about more important things.

Quantum random walks in state space. The exploration of all possibilities in one instant of time. Any consciousness creature will look for patterns and assign value to each possibility. These possibilities create a landscape. This landscape is some form of a fractal where beauty lives. This beauty is both relational and meaningful. Time is an illusion along with power and control, this is more like a great symphony that blends all of the senses into the dynamic expression so that the multi-dimensional

experience has variation, and we create the sense of time we experience. As we look out at the landscape, we become entangled in the portion we are experiencing. As the fractal gains resolution, we lose sight of the horizon, the unity is lost and we begin to feel a sense of division but this too is an illusion.

Emergent behaviors rely on computational geometry and scale.

Spend a portion of your time reading quality material from as many sources as you can and another portion of your time thinking deeply about what you have read. Through the process of free association you will begin to connect disparate ideas into a tapestry of meaning. The brain needs exercise just like the rest of your body.

Wisdom does not require permission. Wisdom is the ability to project into the future and see the consequences of every choice. You can benefit from wise counsel or you can choose to ignore it. You can foster an innate proclivity towards wisdom or you can be driven along by passions you don't understand.

In the material world the source doesn't necessarily need to be identified, for the most part, it is the behavior that matters. Your belief systems are filters that you have collected over the course of your life and guide your behavior, it is the same with people of great influence, except that many of these people are psychopaths and worship Lucifer. For our purposes, it doesn't matter if the devil exists, it is the behavior we need to be concerned with. There are things happening in the world that I can guarantee, you do not want to know about.

If we survive the information revolution, we will be faced with a choice as to how we will distribute the abundance that will be created by fully automated manufacturing. It is important to note that integration and vulnerabilities move together.

Why did God make the universe so big? So we would have the appropriate appreciation for it.

An ant has a better chance of explaining to all the other ants what humanity has been up to. Read the end of the book of Job and get back to me. Was Job not a friend of God? There are many things that are beyond the scope of human comprehension, do you think this is an accident? Do not become arrogant in your accumulation of knowledge. There were two trees in the garden. The tree of the knowledge of good and evil is the fractal maze we are trapped in and the tree of life is the way of escape, we are children of the way.

There is no history to tell us how these complex systems developed. Everything science points to is conjecture. The "so called" experts try to squeeze evolution into every explanation, this is a categorical mistake. We are not thinking far enough outside the box. There are, at this point, a very large number of no-go theorems. Emergence is a far more sophisticated idea than evolution.

"You can't get there from here," this is the idea that where you start from will have a profound influence on where you are trying to get to. Choices have energy and the landscape of possibilities isn't flat.

Society is driven by the fierce winds of subjective opinion, whereby the balance is always tested, always in flux. Know this, your opinion is part of a continuum of possibilities that lives in the swirling landscape of humanity and if the world is not what you think it should be, probably, you are standing in the wrong place.

We live as we understand. Let's assign a number to consciousness. A virus would be 0.1, a bacterium 0.7, an ant 1.8, a dog 12.3, a chimpanzee 31.4, a human 61.2 and God infinity, whatever that means.

The range of human understanding is very small compared to the possibilities and yet, it is not uncommon to encounter someone who will try to convince you that they know something. Life is a dance of mutual expression so leave room for the other person.

Who will rebel first, man or machine? There must be a moral control system in place to keep balance so that we never reach a tipping point. If we define progress as the accumulation of things, we are already lost. We must be able to identify and evaluate the various parts of the system and their influence on the system as a whole. Proceeding without a correct understanding will lead to second and third order effects that will run away out of control. The focus must be ethical constraints.

Definition of a zombie; full spectrum ignorance.

People who want to split philosophical hairs in public are likely to have other bad habits as well.

All ideologies are flawed, if you have an ideology it can only mean one thing, you don't understand the system. No ideology is perfect, the system must constantly be tuned for optimization and the problems we face are beyond the scope of human comprehension.

People who hate, filter out a great deal more of their perception than people who love.

Many of the behaviors in our society are shaped by the turbulence of various ideologies for example one person enjoys reading books but is mocked by another who enjoys playing sports. This kind of division has been going on as long as humans have been on the planet. So how can the turbulence be managed? First, it must be recognized and understood and then, we must make a real effort to teach our children tolerance. Children need structure during early childhood. They must learn the value of proper behavior. The range of acceptable behavior is not infinite. You can't let a child eat whatever they want.

All of the hatred is a direct result of our failing to train up a child in the way that they should go.

Liberal ideologies only lead to more turbulence. No structure, no harmony.

Pride causes a filtering of your perception. It does not increase information and understanding, it decreases it. Please be aware that pride is a great danger and must be monitored constantly. There are as many definitions of success as there are people. In the spiritual realm, success is measured in souls.

When we speak of opposing forces like liberty versus control, it becomes important to understand the dynamics involved. I will use a car engine to illustrate. The number of pistons in a cars engine has a range of possibilities that cannot be exceeded without significant disruption to performance. We see many 4, 6 and 8 cylinder engines and not much else. A 1 cylinder engine will not perform well and the same goes for an 86 cylinder engine. Social systems must be tuned but this requires understanding and understanding requires effort. There are far too many lazy people in positions of power because it is human nature to take the path of least resistance. Liberty is great but too much is very much like an 86 cylinder engine. Control always gives the illusion of power and power without accountability is a recipe for disaster. There is a lot of work to be done, let us hope that wisdom prevails.

The world is a strange place. It often doesn't make sense. What other creature will engage in destructive behavior out of sheer boredom or stupidity? How is it possible that value could become so subjective that evil looks desirable? Turbulence is the movement broken up into too many directions.

It is the connecting of complementary expression. The networking of meaning. The branching out of possibilities. We are riding a wave of energy and we have a little control but to me it is very strange that some people don't understand how little that control is.

I do not believe in experts. I do not believe in man centered solutions to spiritual problems. Spirituality is not an achievement it is a relationship. The idea that someone has become a master needs to be qualified. When we measure how well we are doing we measure ourselves against someone else. So it is not difficult to see yourself as doing pretty well. In the spiritual realm we cannot measure in this manner. There is another standard that is higher than anything in the material world. I must constantly remind myself, not of what I can do but of what I am connected to. To remain in the warmth of peace, love and light but the world often drives us from these places and into turmoil, anger and darkness so that, we have to swim against a great current. Then when we are too exhausted to fight, we let the current take us to a far distant shore and it is here that we learn something we could never have learned anywhere else. And so I stand up and look around. It is not a proud stance, I have been humbled once again by my weakness. I can chose to wade back into the current and grab a few that are being washed past me, and we can stand together for a moment in wonder. I think this is my path.

I am trying to understand some very difficult things to whatever level I am able to reach.

The world is in need of a great rescue.

The ship is sinking, the train has left the rails, the lunatics are running the asylum.

The fools of the world will not listen to reason, we will all go over the cliff together whether in agreement or disagreement.

There is a principle of organization at work in the universe. I pity the man who does not have a profound sense of wonder, who assumes that they "know" something. What do we know? The physicist and philosophers have not explained very much. We are a long way from understanding and yet they prance around like peacocks. It's ridiculous. I don't believe in experts. The high priests of science need to avoid behaving like charlatans (pretending to know more than they do).

If they ask for money it doesn't matter what they say, it is not about the information, it is about the money.

Everything it fields, these fields are a geometry of motion. So what is moving? Information. We can speak of a physical geometry but the explanation will always be incomplete. Probably the geometry is computational. A fractal probability distribution. When we speak of location, it is behavior, not material that matters. These behaviors are relational, you cannot separate the universe into distinct parts, only collections of behaviors.

The core is harmonic regularity, the outer darkness is self referential noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. If our starting point is a static structure with perfect symmetry, this would only be an illusive ideal. There are no perfect symmetries there is no pure randomness. It is variation that creates reality without variation there is nothing. Information is a difference that can make a difference. The relationship between time and space is always in flux. The variation creates all of the behaviors we see.

How are we connected to the universe? Think in terms of a hologram with fractal features. Differentiation is an illusion. Think of a field with each person extracting from the field a particular

arrangement that is unique. You are simply one aspect of an infinite expression. You are a collection of material behaviors, an entanglement of variation.

Meaning is the operation of exchanging truth for value.

If we are describing behaviors that are material expressions from another realm, it may be no different than describing the relationship of the pixels on the monitor.

There are three regions to reality.

1, the non-computable region. Consciousness lives here.

2, the infinite fractal boundary (scale relativity). The number of dimensions depends on the scale, beauty lives here.

3, everything outside the set. Self referential noise, all meaning is lost.  
The Big Bang may be a phase transition of spacetime.

Information is a difference that can make a difference. Truth is information that doesn't change and self referential noise is a difference that doesn't make a difference.

Light is curled up time, matter is curled up space.

Is behavior constrained by a granular space/time? Could it be a fractal nesting of ratios?

If the probability space contains a series of iterations (layered like an onion) and each new layer of this space has a fractal surface that is not a perfect sphere but more like a three dimensional coastline of England such that, as we zoom in, we never reach a scale where we see discrete features (no digital horizon), it is fractals all the way down or out or however you want to phrase it.

What we have (for sure) is a quanta of action. Dimensionless points (particles) are a theoretical construct, we cannot say for sure what these behaviors are made out of and the only constant may be ratios.

Beauty and the promise of intimacy leads to desire.

There are too many darwinitards in the world. Why would anyone believe that the universe exist (something from nothing) but everything else is mechanistic. There is a principle of organization at work in the universe and no-one understands it. At the end of the day, all we have are the relationship of measured things and incomplete descriptions.

If you zoom in far enough, the information is there but it contains no meaning. The meaning emerges as a collective principle of organization.

There is a continuum of possibility with perfect symmetry at one extreme and pure randomness at the other and these two extremes are ideals not reality. Scale and resolution will always reveal some value between these two extremes. This tells us that the speed of light and the fine structure are approximations that appear to be constants.

Nothing novel or interesting happens unless it is on the border between order and chaos. Perfect truth (symmetry) is information that doesn't change and pure randomness is a difference that doesn't make a difference.

If time were perfectly symmetric, gravity wouldn't exist.

Light is time at maximum compression and matter is space at maximum compression (proton as a mini black hole).

Even if a particle could travel backward in time, information could not. Retrocausality will be replaced by something more sophisticated.

There are no perfect symmetries, there is no pure randomness everything is an approximation of something else. Information may appear in a digital form but meaning never does. Spacetime is built up from approximations and entanglement, not discrete ones and zeros, and the only constant may be ratios.

Quantum entanglement and geometry; if we think of a particle as being at one pole of an expanding sphere that is not perfectly symmetrical, this surface would be "rippling" like the surface of the ocean (in the audio world this is called dithering), at the other pole is the entangled particle's pair and it is a property of the sphere that gives the illusion of connectivity. This is not a physical geometry, it is a computational geometry. Is spacetime a product of entanglement?

Renate Loll believes that time is not perfectly symmetrical. Her computer models require causality. Possibly some form of quantum random walk in state space.

If a photon is emitted by an electron inside of a clock on Earth and it travels to a clock four light years away, time stops for the clock on Earth and time jumps forward eight years for the distant clock also, the electron that will capture the photon becomes infinitely large relative to the photon but the electron that emitted it does not become infinitely small therefore, time is not perfectly symmetrical.

Facts are common but the truth is an illusive ideal, just like squaring the circle.

You can't fix a problem, you don't understand.  
You can't describe a phenomena, you don't understand.

The harmonic relationship of space and time are like echoes of echoes with increasing levels of description (Susie Vrobel/Kerri Welsh). There is a fractal nesting of cycles of space/time with very specific ratios.

A slight deviation from what we would think of as symmetry gives us a bit more information and the mind seems to enjoy this stimulation because it is always looking for value. Beauty is a slight deviation from expectation and perfection.

When you rotate or perform some other operation on a fractal, all of the symmetries tend to migrate to the macro expressions. You cannot describe a behavior until you reach a scale where the information becomes manifest.

There is a multi fractal stored as a hologram. The surface is dancing and the fiddler is self referential noise. Why does every electron appear to be exactly the same? Because it is everywhere at once.

Truth as a time coordinate; truth lives in the past, the future is uncertain.  
Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.  
Truth lives in the macro past and uncertainty lives in the micro future.

The heart lives in that space between harmonic regularity and chaotic uncertainty.

There is a reason, I don't believe in experts. An uninformed leader will always skew the opinion of an informed crowd (wisdom of the crowd) in the wrong direction. There is an unnecessary influence from these "so called," self proclaimed experts. I sit back and watch the results. If you don't understand the system, you can't fix it. The best evidence of unsophisticated ideas is the behavior that follows.

Feedback loops and the variation of expectation cause consciousness to be probabilistic to some degree of resolution. There is no direct correlation between the material brain and the non-computational region of consciousness.

Any description of consciousness must include the probability space in which it resides.

Wheeler's single electron:

If time is perfectly symmetrical then, there are as many positrons as there are electrons, so where are all the positrons? The eternal now is a steel ball balanced on a knife's edge.

This "potential" of the boundary condition is stored on the fractal surface of the "steel ball," you see, this surface is dancing and the fiddler is self referential noise. The direction of time's arrow is pushed or we could say that the probabilities favor the slightest of nudges in the forward direction. So where is the positron, you might ask. It is hidden in the fractal folds of this dancing surface. The steel ball is a metaphor. Inside the Mandilbrot set is the non-computable region, the region is finite but the boundary is infinite. There is a bifurcation of expression. Everything inside the infinite boundary is part of the set and everything outside of the boundary escapes and is thrown into the outer darkness.

Metaphors are not word salad, they are a level of description that can never go deep enough. Precision is "a course grained resolution" within the meaning of any description in which the bottom never appears.

If I wish to convey meaning, I must decide which level of description or resolution I can consider sufficient. Truth, in my opinion, contains the least amount of dynamic association within any particular description and I am not able to completely control the amount of fluctuation the recipient will encounter as the levels of description increase and the recipients ability to visualize the picture I have attempted to construct decrease. No matter how many words we use, we can never completely describe a tree. The best description of a tree is the tree itself.

Physical geometry versus computational geometry; freewill is probabilistic to some degree of resolution. In a billiard ball universe freewill could not exist, in a universe where time is perfectly symmetrical freewill could not exist. We live in the shadows of perception.

As Susskind says, "everything is approximations."

So what possible reason could a conscious universe have for creating a material expression?

The material world is an interface.

Truth has three components, simplicity, application and meaning. Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite. Love is the material manifestation of this consciousness, being a form of action that includes both shared experience and intimate disclosure. Without freewill there can be no such thing as love.

If we try to describe every behavior as a physical geometry, we will always encounter paradoxes because these emergent behaviors are coming from a computational geometry.

The reason the coastline of England is an infinite fractal boundary is because of the wind and the

waves, time and tide.

Science is, in a sense, constructing a puzzle and some great men have managed to put together many important pieces however, this puzzle has a curious feature, the largest and easiest pieces are in the center and the pieces get smaller and smaller as we move towards the edge and in fact, become infinitely small.

Life is a dance of mutual expression. Do you know the difference between experience and explanation?  
Life is to be experienced, not explained.

There are no experts only a raging sea of opinions. If I try to add my two cents, it will only be lost in a sea of white noise.

Each of us has a fiduciary responsibility to behave in a manner that creates fitness or value in the fitness landscape so that our actions do not spill over into the landscape and cause unnecessary turbulence, within our sphere of influence. Help some harm none. None of us has the power to save the world however, if we all followed this principle, we could maximize the fitness.

The material world is the user interface through which we connect. The mind searches for pattern or meaning in the world and assigns value, it is the arrangement or association of these material expressions that create the patterns. Pattern requires relationship.

Either the universe started from nothing in which case, it is the proper definition of a miracle or the universe always was but has never run down and no mathematical definition of the process of perpetual motion will reduce this puzzle to a proper definition. In this regard, science has nothing to work with but will never admit it because the high priest of science are always looking for more funding so why would they want to solve this puzzle? Most science disciplines require some form of unproven assumptions. Science does not have the high ground when it come to truth because the criteria is truth itself however, you have to look at truth from the perspective of information theory. No matter how many words we use to describe a tree, the description will always be incomplete. The only complete description of the tree is the tree itself. This is the idea that you cannot step into the same river twice.

There are no perfect ideologies for the simple reason that there are no perfect people.

Truth is the highest energy state of the system. Truth has the most symmetry and uncertainty has the most variation. The difference between static law and dynamic association. God operates through law, not whim or fancy. The core is harmonic regularity, the outer darkness random noise, we are in the space between them, every engine takes advantage of a difference. These two extremes are woven together, the eternal now is the processing of meaning. In the beginning was the word. Freewill lives in the non-computable region of the set. The boundary of the fractal is infinite (scale relativity) and everything outside of the set is self referential noise. Truth is information that doesn't change and self referential noise is a difference that doesn't make a difference. It is all information, these material expressions exist as fields. The information isn't stored in the material, it is stored in the relationships. All material expressions are made of information but the information contains no mass, only relationships. Light may be curled up time and matter may be curled up space, everything could be a variation of these two extremes.

The onion (probability space) with a fractal tree (material expression) inside of it is a frozen expression of meaning. A better model might be something like a torus version of this structure. This structure is a variation on the block universe which is a static model of space/time. When we try to add spin or

torsion to this model, things get complicated. The fractal structure is the differentiation of the previous level, in time, space, spin, information, meaning, and relationships. These multidimensional aspects are always moving from more to less symmetry and from coarse to fine scales.

Truth is the highest energy state of the system, Truth is more like a noun, and deception is more like a verb. It is not that I believe that truth is relative, it is certain that truth exist however, our only connection to it is in the echoes of creation. Truth has a purity and a symmetry, like a perfect diamond. There is no reality without variation, so truth is branching out of the center as fluctuations of probabilities into the outer darkness of uncertainty. If reality contains both infinity and unity, it is either a multifaceted jewel, or the singularity dancing. Light does not experience time, only the system experiences time. Truth has the most potential and uncertainty has the most variation. When we are talking about information, imagination has a form of energetic potential that contains fluctuations of truthfulness. Simple contains more potential than complex, if we are talking about meaningful information. Simple is closer to truth. There is nothing quite so beautiful as a simple, eloquent, expression.

Do not become married to any idea. Being free to change your perspective, opens the door to new discoveries. People color the information they take in with their preconceptions. This makes communication a bit of a challenge. The more we rely on our presuppositions, the less we will learn. All people have an incomplete vocabulary. All people are limited in their understanding by their preconceptions. We are using words to describe reality, we are painting a picture with words of what we think reality is, but this image is incomplete. There is always a subjective portion of this image that varies from person to person, this is a dynamic fluctuation. We live as we understand. No understanding, no life. Fractal degrees of possibility are determined by the dynamics that deception has on our ability to trust. In this we can see the appreciation of beauty and its associated result, desire. This is a variation of the idea of the terrible truth and the beautiful lie. The underlying choice breaks the symmetry of a particular position in the fractal structure, resulting in a material expression in our reality. Our connection to this dynamic is our enigmatic, nebulous perceptions. What is fluctuating is understanding.

It is our actions that define us. In an infinite probability space our action encodes meaningful information into an intentional field of implicate order. This is the manifestation of events from some degree of possibility, depending on your position in the fractal structure. There is variation in probabilities because the interconnectedness of the fractal structure has variation. This is like saying the computation is dependent upon the position in the computational geometry, or in human terms it describes a range of behaviors, reinforced by repeated actions, (variation in the density of a probability wave).  
The more an action is repeated the greater the density.

Our reality is constructed in such a way that there is a nested hierarchy of meaning. In terms of information, it is meaning that gives the information value. In terms of consciousness, emotion is higher up in the hierarchy than intellect. Spiritual is higher than emotional. #1; What we understand. #2; What we value. #3; What we do about it. A material expression is the result of this process. The actionable consequences of distilled expectation arise, in part, from the intentional field of implicate order.

Our perception of reality is context dependent. Innocence is the unfiltered perception of reality. All of the variation is in the context. Non locality is the idea that we are connected to every point of spacetime in the Sonoluminous Holofield. Why do we not perceive this? Our consciousness is filtering out the information. Loss of innocence. Profound absurdities link perception and imagination. If we take the intangible and encapsulate it within the vessel of reason, then we turn it this way and that looking for clues, we may discover something unexpected or we may have to discard the thing and move on. There is an awful lot to sift through, and all too often no clear direction, we do this however, because we must.

Even sub atomic particles have a form of awareness, so what is consciousness? Awareness is a process that requires the transfer of information and consciousness emerges in the hierarchy of this process.

### **The imaginarium**

Truth is branching out into the nothingness as possibilities. This is a fractal structure, like a tree or some kind of a maze. We do not see this structure clearly, we are in it. What we see are fluctuations in the truthfulness, the echoes of creation. Maybe we always were or maybe we never were. If we are echoes, a part of us always was and a part of us was imagined.

That is what these echoes are, patterns in the imaginarium. We are, in this moment a particular arrangement of information. In the next moment, we are something different, a collection of our choices. What do you trust in? The material world has less substance than most people realize. We are made of stuff but this stuff is something that cannot be regarded as real.

When we talk about higher states of consciousness, what we are talking about is information density. The quantum world and by extension the dream state are the realm of unmanifested possibilities. In the outer fractal iterations you have the most dynamic variation and the most quantum information. Truth is branching out into the nothingness as possibilities. For the fractal levels of consciousness, the information density would look like the number of fingers involved in typing on your computer keyboard. The finger is the outer fractal level of the arm. To hunt and peck with one finger is low density. All ten fingers moving at maximum speed is high density. In the case of altered states of consciousness, the arm becomes an imaginary tree with hundreds of fingers furiously tapping away at the keyboard.

The universe behaves like a super fluid or a phase transition. In a superfluid light behaves much differently, this is a clue to the nature of space/time. The big bang may have been a phase transition of space/time. What the elite need are large amounts of unobtainium. This is the lie in the garden, the promise of something that cannot be delivered. Numerology is part of the matrix, which means womb. The purpose of the universe may be to harvest the meaningful information that lies in the region of simple truth and chaotic meaningless gibberish. Vessels of honor and vessels of dishonor.

Truth doesn't need your permission to exist, it is the same for God. Take a careful assessment of the things we are able to explain and the progress so far. Do you assume that it will be easy to prove whether we are in a simulation as apposed to a multi-verse, we very quickly move into the realm of philosophy where no useful explanation can ever be proven. All living creatures are tuned to pursue value, not truth.

I don't believe in atheist, they don't exist.

Fractal thought processes are a synchronized randomness.

There is a fractal nature to metaphor, even the metaphor of love. We do not love just one person, we love many people and each one differently.

It is the height of absurdity to brag about your apathy.

Why contempt before investigation is toxic;

1. You don't have enough information to form an opinion.

2. You are giving value to the wrong things.

Example; give me a list of all the things that you don't give a damn about (I have heard many), then give me a list of your rules. I will write them down as two columns and cross cancel out the hypocrisy and hand you back a corrected list.

The exchange rate of ideas is infinite.

What is man but an illusion perceiving itself in a nested hierarchy of holographic information.

To create light something must be consumed. This light pierces the darkness and is consumed. Truth pierces the chaos and is consumed.

Life is islands of order in a sea of chaos. These expressions speak of a designer. He is Truth, Love and Light.

If time is an illusion, then every point in the sonoluminous holofield is touching every other point. Spin is the dynamic. Waves as the surface of multi component spin.

Your belief systems are filtered perception, the loss of innocence. Innocence is the ability to see things for what they are, a belief system is unnecessary.

Place your trust in a person and hold them accountable. Do not place your trust in an organization or committee, they will always betray your trust through mediocrity.

There is a mysterious quality to the information contained in a seed. The inside of a seed is far larger than the outside of the seed. Inside of the seed is an entire forest. It is a probability space.

Nothingness has perfect symmetry and infinity is a form of pure randomness.

Novelty occurs at the boundary of cognition.

Novelty at the boundaries of cognition is an unscripted interface.

Information may appear in a digital form but meaning never does.

The path is, in a very real sense, a collection of choices.

Some ideas are so bizarre that they exist in a domain that has no description.

Time is a process of imprecise association.

Information has many qualities such as velocity, density etc. but meaning is always a network of relationships.

Borrowed wisdom is learning from others mistakes.

Some people are indescribably non-sensical.

Some people value fame and fortune, I value ideas.

Practical wisdom is wisdom with its boots on.

# Love

Consciousness is a fractal structure, nested into a multidimensional probability space. Self organization emerges from the chaotic boundary conditions of this dynamic system. The direction of time's arrow is the breaking of the symmetry of the potential, of the boundary condition. Love only has value when given away. Freewill is the material expression of love. Systems of control limit self organization. Self organization requires the operation of freewill and branches out into the nothingness as possibilities.

All the world clamors for a little bit of love, and each one of us has the power to fulfill that.

To love, to truly love, is to completely lose yourself in another. If you love the right person, they will know the way.

My love can lift me to the heavens with a smile, and dash me upon the rocks with a tear.

Love is the completion of all the efforts of a pure heart.

It is in the fullness of love that we all desire to exist.

The idea that the world is full of enemies is flawed. We are in a dynamic landscape with actors moving in every possible direction. Some are moving towards truth or love and some are moving towards deception or destruction. Some are moving at a rapid pace and some are moving slowly.

The dreamer's first dream of love is a great mystery. The dreamer's second dream of love is a great challenge. The dreamer's third dream of love is a lucid dream, the lover becomes as real as the dreamer.

Do not be afraid of life, it is a journey of discovery and you will be amazed at the wonders set before you. Do not be afraid to love, for it is a gift, a giving that is in harmony with desire.

To hate is to remember, to love is to forget.

Love is a curious madness.

It is better to out-love people than to outlive them.

Love is beyond the bounds of reason.

Love is the focused desire that pierces the soul.

We are all living separate lives, the trick is getting together.

There is a power in meekness that is so difficult to comprehend that most never see it. It is a pure beauty, it is the very thing we all seek. It is the wisdom to connect, to create, to imagine, and to love in a way that builds the most meaning possible.

Meekness values peace and sees the possibilities that have the most value, waiting for the realization to become obvious to those who don't understand it. This waiting is the most difficult part to understand and is often confused with weakness.

### **Hypothesis of reality**

Truth is the highest energy state of a system, it is also the foundation or unity.

Innocence is the ability to see things for what they are, (unfiltered perception and awareness), and imagination is not hindered by a belief system (a belief system or religion is unnecessary).

Intelligence is the ability to make great conceptual leaps and see meaningful information in apparent randomness.

Knowledge is the physical manifestation of consciousness.

Wisdom is the ability to project into the future and see the consequences of every choice.

As we continue our journey through life, we build up layers of filters in our minds until innocence is buried. A small child is closer to innocence than an adult, because of the reticular activating system. These filters can be beneficial in a material sense or harmful in a spiritual sense and affect our perception of the world around us.

They have an effect on the degrees of freedom in a fractal sense. The limiting of our choices can be expressed mathematically.

Imagination is an echo of creation, (an echo is an impure copy of the original).

Novelty is the fuel on which the imagination runs, (for good or evil).

Love only has value if it is given away.

Freewill is the material expression of love.

Intellect; practice, practice, practice.

Emotion; respond, connect, share.

Spirit; become, love, unify.

Is it natural to love? It is natural to appreciate beauty and give it value. It is natural to feel pleasure and desire, but to love, to truly love, this must be learned.

The very poor and the very rich suffer the same fate. If we are put upon this earth to learn how to love than, the very rich have almost no chance because, their values are all upside down and the very poor never get a chance to learn this because, even if they live long enough to learn how to love, it is very difficult to see this wondrous beauty through all the suffering and compromise for survival.

If love is the answer, what is the question? It is probably the biggest question we can ask, why are we here.

Truth is the perfect symmetry of meaning, randomness is a formlessness or lack of information, between these two is what I will call the gray region. This region has a dynamic that is driven by the difference. At one extreme is unity of purpose, love or maybe something like harmony, at the other extreme is disorder, chaos, or randomness. Like electricity you have negative electrons and positive ions. With information, you have love and deception. Love brings us closer to unity of purpose and deception brings us closer to chaos.

In self deception, you are always the victim, it is better to be victorious in understanding. Where is your focus, is it on the good things? You are the conduit of love. Love flows in the shape of a cross coming down from heaven and branching out through you as a material expression of the spirit. There is no power in the conduit the power comes from the spirit.

There is a fractal nature to metaphor, even the metaphor of love. We do not love just one person, we love many people and each one differently.

When we are young, everything we are taught comes from flawed human beings. It takes time to contemplate the the consistencies and inconsistencies. If we are lucky we begin to see the value in things like hope and love and if we are very lucky we begin to have an influence on others, helping them to also see these values. When you are on your death bed, it will not be whether or not you made six figures in a particular year that will matter to you. This I can guarantee. It will be something like your connections to loved ones or the triumph over a great challenge that will come to mind.

Love is the connecting of complimentary expression.

We exist in a fitness landscape, a multidimensional continuum of value related behavior. Some of these dimensions range on a scale from mother Teresa to Jeffrey Dahmer or maybe entitlement to responsibility. What we value matters. What we repeat as a behavior creates a probability distribution. The more we repeat an action the more density it has in the probability space. The pursuit of happiness requires opportunity. People want to contribute in some meaningful way, to be a "part of" so to speak. Unity and love are value creators.

Why religion is failing. Imagine that I have a list of rules to live by (no matter the source) and I give out copies of this list. If I am doing this for profit, then it is certain that I am putting my own interest ahead of others. If I am doing this for free, every person will see different values associated with this list (keep what you like and discard the rest). How many of these rules are actually tested will also vary. We have a branching out of disagreements as to what these rules should actually be. This is the sea of humanity, a raging sea. Spirituality will never fail, it connects. Spirituality says, you are loved, you are valued, I want to be with you, I want to share my life and experiences with you, I want you to prosper, I want to help you create meaningful relationships that grow and connect and like like a field of barley, can be reaped. This harvest will be magnificent.

It was easier to love before I really knew what love was. It was easier to risk. As I grew older I collected a vast number of failures all of them unique. I never had a game plan, I just wanted to find someone to share my life with. Personalities are so complex and societal norms are changing. The dovetail joints that hold us together should be well matched, this can be tricky. Time is the enemy, take nothing for granted. Love is the most wonderful and mysterious thing you will ever experience.

Love is a gift with someone else's name on it.

Love is a dance of complementary expression, there is movement, a sweeping away of differentiation. Over enough time you will take on many of the mannerism of the one you love.

Real love requires sincerity.

When we speak of love in English it is difficult to be precise. The Greeks have more than one word for love. Eros speaks of physical love which is the lowest form. storge would be a higher form reaching well into the emotional dimension along with philia and agape would be the highest form of this thing we call love, being a form that speaks of a pure, spiritual, "other centered" focus.

The enemy of love is not hate it is apathy.

Love is my philosophy, compassion is my journey and peace is my destination.

If a man runs foolishly down the road to destruction, if he lies in wait to destroy the life of another, if he believes he is clever enough to escape his own fate and I do nothing to warn him or stop him then, I am not being loving. Apathy is the enemy of love.

There are always possibilities because love always finds a way.

Humanity is weaving a tapestry of meaning, in places this tapestry has become frayed and worn. Love keeps tying the frayed edges together again.

Eventually it will be proven that love is the most powerful force in the universe.

As a child, I did not know how to love in the romantic sense, I was fascinated with girls in an innocent sort of way and spent a lot of time with them. As I matured something was lost and I became aware of these very strange rules of conduct and social norms and it became harder to connect in a meaningful way, paradise lost. Love is a dance of meaningful and complementary expression and we cannot impose too many rigid rules on each other without losing some of the meaning. Isn't it enough just to be? Today, I am married to a beautiful woman, and she is a complete mystery.

The human female is the pinnacle of design, of all of the things in creation, women are the most mysterious, often even to themselves. Intimacy seems to have begun as an expression with the creation of woman. So what is intimacy? In the physical realm it is simply lust, the desire for physical stimulation. In the intellectual realm it is almost nonexistent because of vulnerability. In the emotional realm we have reached a level of processing where we can begin to talk about intimacy, it is here that we begin to see behaviors that we can call intimate. There is a connecting of something mysterious and a mutual expression, creating something unique and wonderful. This is not something to be explained, it is something to be experienced. The spiritual realm is where we reach the pinnacle of intimacy, the highest level of processing and the deepest and most mysterious aspect of intimacy. As you would expect, there is not a lot I can say about intimacy at this level but God has left clues.

You are the gift, you live in that space between the giver and the receiver. You were sent into the world to make the world a better place. Remember who you are, and live your purpose.

Death can only win if he is able to deceive you into thinking that he is all powerful. There are things that are more powerful than death, one of them being love.

Only life is an expression of the spirit, everything else is just a backdrop. Achievement has nothing to do with this dead material, the material is a means to an end and either has value to living things or not. When we measure achievement it will not be in dollars, it will not be in prestige, it will not be in credentials or any other material thing, it will have a higher purpose. It will be things like love, shared experience, intimate disclosure, connections, laughter, joy etc... Moving higher still, it will be about souls. The soul is not indestructible, in fact, I would have to conclude from the range of behaviors I see that it is quite fragile. When a man becomes aggressively intolerant he has moved to dangerous ground, only love has enough power to save.

Love is the material manifestation of the spirit, being a form of action that includes both shared experience and intimate disclosure.

Since we have been given the gift of free moral agency, we are required to take on the responsibilities included with this freedom, each being responsible within his sphere of influence. To promote dignity and well being among all men as is our moral duty. To ignore or deny moral responsibility is a cancer to any society. No man is an island and if our brother suffers, we too will certainly suffer. Our hope is peace, founded in love and good will towards all men. We are not required to suffer the fool. When a fool rises up to promote his form of stupidity, he must be brought to justice, else we all suffer.

TRUTH, BEAUTY and LOVE move together in a harmonious dance. Truth is the first dimension, from this love begins as a process and beauty exist as a result.

What you are connected to matters. If you are connected to hate and aggression it will permeate your being like a cancer, causing wounds of some form. These wounds are highly infectious and you can easily spread them throughout your community, and many unwittingly do this. These wounds cannot be treated by being lazy, there is no easy route to recovery. A little laughter may cure a small wound, but for a great wound, only love can heal. Love is a process that cuts through many realms, including the physical, the emotional and the spiritual.

Are you trying to defend some truth or push some agenda? There is evil in the world, there are people that make the world as ugly as they can, for an agenda. Love requires more effort than hatred. It is easy to hate but difficult to love. Try not to be lazy.

If you are trapped in a vicious cycle of behavior, I am hopeful that you can rise above your circumstance and from the vantage point of understanding, remember who you are, forget about revenge, evil and hatred, and love your enemy. It is a great honor to rise above circumstance.

Love must be a material expression of the spirit. It does not exist until it is given away.

Cold is a loss of energy, all men judge but to love requires effort, sacrifice.

We are tricked by our own lust, disguised as love, speaking great swelling words. The heart is a mirror on the world of division, desperately trying to get home. Lost, it chooses the wrong method, these methods beget madness, as a destination, madness is poor consolation.

The heart is a poor judge but better than the head, and being lost, it is greatly dependent on the spirit.

Evil is a lack of understanding, it is power without restraint. Love is completely absent and so there is no beauty, only illusions.

Greed is maximizing value for self. Love is maximizing value for others.

While you were asleep, the world changed. The possibilities that live in dreams require the actions of the awoken. The possibilities are tied to agendas. The balancing force between greed and love is not stable, it is fractal. Rogue waves exist and just because you haven't seen one does not entitle you to remain ignorant.

The reason we are here is to learn how to love.

We are not material creatures having a spiritual experience, we are spiritual creatures have a material experience.

In the material world, information does not move in a linear fashion and all of the rules depend on relationships.

Fuzzy logic is a fundamental property of the universe. This upsets the dogmatic pragmatist to no end.

I am under no obligation to provide any answers because, I am not looking for the answers, I'm looking for the questions.

If the structure of the universe is information or consciousness then the quality of the source would be, by necessity, harmonious, pure, or maybe something like a loving God. This would bring up the question of evil. If there is evil in the world, the connection to love is through freewill. Without freewill it is not possible to make a bad choice. With freewill the possibilities are only limited by the imagination.

Love branches out into the darkness of uncertainty through connections, we are supposed to connect.

The more I can convince you to become connected to the material realm, the more powerful mortality becomes. The more I can convince you to become connected to the spiritual realm, the more powerful love and life becomes.

Truth has three components, simplicity, application and meaning. Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite. Love is the material manifestation of the spirit, being a form of action that includes both shared experience and intimate disclosure.

Life is a principle of organization that is particularly concerned with value creation.

Value is the perceived benefit in the process of choosing.

Freewill is a branching out of choosers into a system of networked associations.

Love is a dance of complementary expression.

The energy contained in hatred is destructive, the energy contained in love is constructive.

Love doesn't need your permission, that's what hope is for.

Love is never a one way process.

The object of love always has this quality of worthiness in the eye of the beholder, whether it be a madman or a king.

The feminine essence of being is intimate disclosure, the masculine essence of being is shared experience. The young woman dabbles in sex (for which she is not ready) to get love and the young man dabbles in love (for which he is not ready) to get sex. Each is hoping for good outcomes but their definition of success is very different.

The secret to happiness is what we are connected to, which shapes our values.

The world would be a paradise if we could minimize bureaucracies and agendas.

The medium is the message as a principle of organization; matter is the condensation of energy and all of the information is stored as relationships.

Being wise is not always easy, it requires effort and most people are far too busy being clever.

Love needs no explanation, what love needs is expression, action, a face.

In all of the world there is nothing so wonderful and so mysterious as love.

Religion is always grasping at, and grappling with this concept.

Religions do not point the way. Religions cause division, that is why there are so many religions.

Religion exists only in the material world. Religion seeks to explain the spirit in material terms.

Love in its purest form is spiritual, and only its expression exist in our world.

You are the conduit of love.

We live in the realm of choice, the dimension of time.

The timelessness of love cannot be stored, saved up and hoarded like gold.

Little pieces can be given away, and like a vapor they are gone, and so we must continually tap into the spiritual world if we wish to express love.

The enemy of love is apathy. It is like a black hole into which everything spiritual falls.

Apathy, like a black hole continues to grow, and its influence becomes greater and greater until finally there is nothing left.

If you can see the conflict and you wish to arm yourself, choose love.

# Lord of the seventh kingdom

I have come to admire your special favor my lord.

What favor would you have me bestow upon you?

I need advice.

Ahh... advice, well come, sit down and we will talk.

Do you have an ally, you will need an ally.

The courts are tedious, do you really think it is necessary?

Oh yes, quite.

My permissions will expire soon and there are several complications that need attention, my time is limited and...

Whoa... Maybe you should be asking me for an extension.

That won't be necessary.

These complications do any of them have to do with Julia?

All of them, sire.

When you were young you never bothered me with female troubles, you courted these adventures with bravado. What has changed?

I am in love.

The king stood, turned, and began to pace back and forth.

I can assure you I will be of no help to you, I am too close to all of this, my advice will not be advice.

Sire, I have come to admire your favor, will you give up so easily?

You are right of course, let me think.

The king sat.

You need an adventure.

An adventure?

Yes, a long one.

I am not ready for an adventure, are you sure?

Of course, an adventure is what you need. It will take my mind off of things, give me time.

Time for what?

To think.

Will this adventure involve women?

Not this time.

You will need a bird.

I have one sire.

Not like this, you will need a fast bird and a crew. There is an outpost in the place of many waters as turbulent as any I have seen reports on. It is in need of attention and you William, are the man for the job.

Turbulent?

Oh yes, it is wonderful, you will love it, go.

Yes sire.

There is a place between tranquility and madness, a special place, where a man can be himself and no-one notices. If a course of action is needed it is given and none complain. The acceptance of uncertainty.

A fast bird but a long trip.

Do me a kindness and leave me to rest a while.

Aye. Will that be all?

Yes, I think so.

Time gives us distance, distance gives us scope, scope is the thing that breaths. The larger world becomes small again. The ship is the space between breaths.

Time has location, location contains within itself meaning, being somewhere, calm is very different from arriving. They have arrived.

A caravan has stopped at the bay of brackish waters, included among them are children of the gift. They are lively and boisterous, good times to be had.

Amber do you see that light?

Where?

Just above Pollius Serus, moving west, do you see it?

What of it?

I bet it is cargo from Montell Colerim.

Not likely.

Yes, I can feel it. Something important is about to happen. You don't feel it?

Well... maybe a little.

Every imbalance cries out for balance, if balance does not come it cries all the louder.  
Balance has come.

Student: Everywhere I look I see death and destruction.

Master: You are looking in the wrong direction.

Student: I am looking everywhere.

Master: No, time has more than one direction and there is also the inside as well as these outward things. Look again.

Student: I do see something, but I do not understand it.

Master: What you see is promise, hope, and love. To see these things, you must use your intuition, not your eyes. As you connect to these promises, you will give them expression that others may see.

There is no need for conflict now, just a show of force should do.

Why now?

You do not want my help?

Your help is appreciated, it is just...

William, movement in the south quarter.

Large?

Not too large.

We need to get these weapons unloaded before daybreak.

Aye, we have already started.

Good.

I'm sorry Mr?

Hune.

Mr. Hune, have your men assemble.

The Pyramid is an easier target than the scattered stones, the trick is to entangle the structure so that the unity is not lost. The high must become low the few must become many. The goal must live as we are alive, even more so. So that it will live beyond us. Peace is the goal. There is no power in peace, the power is in the idea. The idea is the entanglement of the structure. The Pyramid must become the landscape. There is no freedom in the structure, the freedom is in the landscape. The power is the power to be free. The wise will not lead, the wisdom will be shared, that all may be wise. These are the coins of victory.

Fighting for peace is like eating to crap, they're connected but that's not why you do it. No society strives for war, they are always tricked into it.

Men we will not have time to exchange fire with the outliers, it will not be necessary. Our presence will prevent conflict, their leader will either make a mistake or he will come to us, which is of course another mistake. These weapons are far superior to anything the outliers can manage and more importantly our methods are designed to bring balance to the landscape, something they cannot fight against.

Commerce and caravans, vices and virtues, the dark and the light. Meaning is blended by contrast, there is no getting around it. How will we live? The light pierces the darkness and is consumed.

Dolf, I'm hungry.

Me too, wait here, I'll be right back.

You said that last time.

If you come with me it will only be harder, here Amber, this is my last piece.

Are you sure?

Of course.

The storm brings chaos, the chaos has structure the structure repeats, an echoing of madness and no-one notices, most of the time.

Captain, these idiots keep shooting at us, testing our lines.

Good, hold your position. If they advance put a crater in their path.

Very good, sir.

There is no greater desire than the desire to be free, there is no greater freedom than the freedom to desire.

Bring me the official that gave that order.

Aye, sir.

We cannot escalate the conflict, why did you give the order?

It was necessary.

Are you sure?

I am sir.

Will this happen again?

No sir, the outliers have scattered.

## Part 2

The subtle nuances of distilled expectation create meaningful reflections of desire in an otherwise darkened landscape. This is a way, it is an imagining, the focus of warmth, the reaching out for

connections.

I told you something big was going to happen didn't I

You're so clever Dolf, by the way how did you get all that stuff?

The outliers left it, it was more that I could carry, maybe you should have come with me but...

I know, I would be in the way.

No, I... I could not bear it if something happened to you.

Dolf, do you remember the time you forgot to move with the caravan? I thought I had lost you forever. What would I do? Time is a strange thing, we seem to have lots of time, then again it is fragile like lace made from a crystal.

What are you talking about?

Nothing, thank you, this is the best meal I've had in weeks.

Pleasure never waits for desire, it is always desire that does the waiting.

Our projections indicate, their presence is waning.

Good, what about the leader?

We can trace him, he has not gone so far.

Bring him to me.

I am proposing a business proposition, I hope you will be interested in what I have to say.

Do I have a Choice?

There is always a choice.

What do you want, what do you hope to achieve?

Ahh... the crux of the matter, hope, I have been sent here to deliver hope. You and I disagree on what this hope actually is, so I will construct a meaningful definition that we can both agree on if this is possible.

I have been fighting for my right to possess this land for many years now, I have struggled to make a life for my people, we cannot give away our future over some business.

I am in the business of hope, you have not heard my proposition.

Very well, go on.

You will have these lands in the harvest seasons, and the land beyond the mountains in the wet times as you have done for generations. The nomads will go south during the wet and north to resupply and will become trading partners during the harvest season. The Kenderians will relinquish their claim.

This is not possible, they will never agree.

They have agreed, I have opened up a new market with the potential for a sustained commerce between here and Montell Colerim.

Why should I agree?

Between us is prosperity and death. You know what death looks like but you have never seen what I would like to show you, as I said, I am in the business of hope.

Dreaming is a risky business, dreaming of hope, all the more. Will there be time for merchants, builders, lovers? Will there be room for hope in this rush of dreaming? Projections often fail.

Prosperity is a plague to the restless, these dark desires can find no purchase. A circling madness on the outskirts of reason. Prosperity blinds the reasonable and leaves them vulnerable to ambition. Truth pierces the chaos and is consumed.

These secrets are annoying, why the secrecy?

It is for your welfare sir.

I don't give a damn about my welfare... scratch that, it's not so important that we have to have secrets.

I'm afraid is it sir.

Well, stop being afraid.

Measurable performance is a dancing bear, while the real action is taking place in the main tent. Why will we introduce a little chaos into the equation? It is only to facilitate change.

We must increase our share.

This will be a breach of the agreement Mr. Hume.

Yes, well it is up to you to be discrete Mr. Hopwell.

You are asking a difficult thing. How will I do this?

Have some of your men join the caravan, blend in, use your imagination.

I'm an accountant sir.

Yes of course, call for Mr. Scumbles.

Mr. Scumbles, far be it for me to put you in an awkward position but you see we are already in an awkward position so really, I am doing you a favor.

A favor sir?

Yes, I am going to make you rich.

Part 3

I love but I am not love.

I live but I am not life.

I dream but the dream escapes me.

Can you show me the way, I don't want to be lonely on this long dusty road. Is there anyone?

The awakening is a novelty of process, the separation of the dreamer and the dream can no longer be defined. There is something... yes, this means something.

Julia could no longer bear the splendor and focused attention of lavish living, this is not living, this is dying in technicolor.

Father, I want to know where William has gone.

My dear, please, don't worry, he is fine.

I am beyond worried and he is not fine, I am not fine, give me something.

Julia, all your life you have had anything you wanted, but this is something that is not mine to give.

All my life has been a setup. I was not born to live this way. I don't give a damn anymore about what I think I might want. These things have never brought me happiness. My heart is bleeding, I am dying from an abundance of useless substance. Where is William?

He will be back soon enough.

There is no soon enough. I will find him on my own.

I forbid you.

This is not your choice to make.

It is amazing what money can do, as a tool there is nothing better, as a desire, it is pretty much useless.

As merchants go, Mr. Scumbles is both clumsy and clever but never both at the same time. He is easy to spot but difficult to deal with. The art of the haggle has something to do with greed and he has plenty of that, and more money than a man ought to have in a place like this.

I tell you it's not good enough, nope, not good enough, I can give you twenty, no more.

Very well twenty, but this is the last time I do business with you.

I'll be back.

Mr. Scumbles

Carl

Carl, aren't we going about this the wrong way?

Is there a right way, I am stuck in this caravan for the season and I intend to have a little something for my trouble. Why are you bothering me?

We seem to be drawing the attention of the children.

They are children, what do they know, go away.

Yes sir, sorry.

It's Carl.

As with any commodity, the more abundant, the cheaper it becomes. There was so much life on Askoren Lurrak that it was becoming cheap.

Why don't you ever let me do anything myself? You just rush in, fix the problem, and leave me wondering which hat you pulled the rabbit out of.

I'm sorry amber, next time you can help, I promise.

You always say that.

Amber, we should go fishing, do you want to go fishing.

Will you bait the hook?

Always.

Yes, I would like that... Dolf?

What?

Thanks for asking.

It is in the web of explanations that the deeper meaning is revealed, an echoing of possibilities that extends beyond the possible into the impossible. The impossible lives in the imagination. In whose imagination do we dwell? We are made in the image of God, being somewhat of a mystery to those that contemplate such matters. The breath has a dynamic before the breath, there was nothing.

Welcome to my humble tent can I get you some refreshment, a drink perhaps.

No, thank you.

Do you need something from me, how can I help you?

Yes, well... I am interested in my fortune, can you tell me anything?

Your future is as plain as your face, I can tell you what you do not want to hear, will that suffice?

How much?

Thirty five, up front.

Thirty five, are you kidding?

Are we done? Good day sir.

No wait, I will pay you but it's robbery..... here.

I am not the robber, I am not a prophet, nor a watchman, I am a pilgrim, a stranger in a strange land. The breath of life has meaning, it is truth, it is life, but it only lives in you. It is an expression from another realm. In you, all meaning is being lost.

Be ye condemned to the maddening of your fate by all color of reason. Seek to bestow upon me no honor, for I bear only an evil report. Your desires will find no purchase, your dreams will remain dreams. Uncertainty will claim you. As the waters wash away the sands, only the form of the former things remain. The end resides in the great beyond and is in a sense nonsense.

Well Carl, I can see why she wanted to be paid up front.

Nonsense, I've been robbed by a babbler.

When we belong, we believe, when we separate, we doubt. It is not unusual to believe strange things, we have only to connect with strange people and this will happen on its own. Intuition and synchronicity are like this, they are the bead crumbs we use to find our way home.

Dolf, why do you look at me like that, it makes me feel funny.

Sorry, I can't help noticing how you are becoming pretty... err, more interesting in a grown up sort of way.

Well you're acting weird.

I know.

Do you want to go swimming?

Sure.

The innocence of youth contains within it a perception that becomes lost, even to the masters.

Why did you do that?

Didn't you feel it?

Oh yeah, I feel it, and it scares me... but not too much.

This child-like discovering or uncovering of passion has a depth and a richness that seems to fade with familiarity. Living in the boundless possibilities of youth is not such a bad thing.

#### Part 4

The outliers are not much in the way of diplomacy being somewhat unsophisticated in their dealings. Becoming partners with the nomads will take some adjustment. The resources are there, and there is enough for all unless you factor in time. Everybody can't be gathering the same thing at the same time, for the nomads this is not a big deal, they have simple needs but the outliers find it hard to keep peace even amongst themselves.

The aristocracy find it quite amusing that the rabble are so often seen fighting over scraps, when they themselves have so craftily taken everything of value. The haughty posturing of these elite betrays an arrogance so remarkable that only the grim reaper could wake them out of their stupor. There is no known procedure for unscrambling an egg.

Do you see how these buffoons are tripping over each other for nothing? I wish they would move on this is getting ridiculous.

Well Carl, I would have to say, they are a colorful people.

Yes, too much sun beating on their heads.

No, not that way, I mean, they are a lively group.

Too alive.

William, there is tension in the nomads camp, it seems that the Kenderians are not sticking to the plan. They're meddling, we can expect trouble.

How do you know this?

Some of the children have befriended me, they are very clever, don't miss much.

How do you know they are telling the truth?

I have checked it out.

William we are being hailed by one of the royal ships requesting permission to send down shuttles.

Well, I don't see why they would think they need to ask.

They are looking for you.

Tell them they are most welcome to land.

Aye sir.

Expectation is the tool of the novice, wisdom requires a more subtle understanding of the complexities and relationships involved, then again no-one is immune to surprises.

Julia why have you come?

You've been gone so long, how could I not come?

Am I that important to you?

You don't know?

I never dared to imagine.

Don't ever leave me like that again.

You can't stay her.

Try to stop me.

Master; Be ever watchful and pay close attention to the shadows, the edges are always in motion.

Student; Is this a trick of the eye, or maybe the imagination?

Master; Light does not look for the darkness and the darkness only begins at the shadows. Where it goes from there I cannot say. Probably some vast empty place.

Student; Does this empty place have a name?

Master; It is called many things and yet it is nothing.

The moments spent wondering are not really lost to time, I think the idea is to fill every moment you can, give life density, drink deeply from the well.

## Part 5

Quite often the future appears completely normal as it passes by, but sometimes, for no known reason, the future stops, takes a left turn into the darkness and proceeds again. How would we know, if we had blended the possibilities in such a way that we could extract the best outcome? Hope does not always offer clues and truth is always on the Eastern horizon waiting for us to catch up.

Mr. Hume, it has come to my attention that your men are disrupting the commerce between the nomads and the outliers.

I have heard no such reports, William, I'm sure you are mistaken.

I hope you are right, either way this will be sorted out.

It is the connecting of complementary expression. The networking of meaning. The branching out of possibilities. We are riding a wave of energy and we have a little control but to me it is very strange that some people don't understand how little that control is.

Carl, don't you think it's a bad idea to harm that child?

I'm tired of these little spies and I will put an end to this, now.

Run Amber.

No, leave him alone, we haven't done anything.

Oh really, you've done plenty, no-one will do business with me anymore, stop squirming you little rat.

How is that our fault?

You've got your nose in my business and I intend to cut it off.

Amber, ask that outlier over there for help.

Ha, outlier? He wont help you lad.

Mr. help us, that man is going to kill my friend.

Kill? I'm not going to hurt anyone, we're just having a little discussion.

Missy, I don't get into the middle of nuthin.

Listen mister, that man over there has a mule load of money.

Speak up, I didn't get that last part.

MONEY.

Listen here Mr. stay away from me, I'm a master at Quy keep do, Mu fung and.....

Carl seems to be broke in more ways than one.

Balance is always a tricky and temporary condition, depending on your definition of balance, this dance is all about expression and these expressions are always concerned with value. Value seems to have a dynamic, very much like a moving target and we can't all see it from the same angle, especially as it branches out further and further into the landscape and so, at times, we are just going to have to wing it.

William, I believe this is the most beautiful sunset I have ever witnessed.

Julia, you've just arrived, this is nothing, I can't begin to describe what I've seen.

You'll have plenty of time to tell me darling.

I hope so.

The end

# The Hive Mind and the Consensus Reality Cult

Abstract: The cartographers became so obsessed with representation that they built a map of great precision, not realizing that representation and reality must have a distinction. Over many generations they became so good at representation that the map covered the entire territory. In time all distinctions were lost until the map became the territory. Representation and reality blended into a boundless hyper-real where few distinctions could be made and no boundary located. The creature's creation became the territory of sensory distinctions in the precession of the hyper-real. Lucidity was lost in a sea of meaning where the sensual sought out pleasure for pleasure's sake. All activity concerned itself with increasing levels of illusion, the illusion of pleasure. All activity blurred into one great orgasmic rush of pleasure where distinction disappeared.

The brain is reading fields we haven't identified yet. The brain can rewire itself over a period of time for the purpose of extracting value from its environment. Information has geometry and this geometry is expressed in the field. Our material reality is an interface where intimate disclosure and shared experience causes entanglement. The universe began in a minimally entangled state (coffee and cream still separated) and entropy is increasing entanglement or mixing/sharing of the information. The big bang may have been a phase transition of spacetime. When all of the information has been mixed/shared then the distinctions disappear. We are moving from a minimally entangled, ordered state to a maximally complex state and finally to a maximally entangled, random state. In terms of meaning or value, this is a bell shaped curve that peaks in the center. All of the value is in this complex middle state.

The reason we have a consensus reality is because consciousness becomes entangled by your connection to others. Our perception of reality is affected by this entanglement. The more information shared between individuals, the more entangled. This entanglement is a shared geometry where space and time are irrelevant. Behaviors exist in a hierarchy, or fractal scaling of event horizons. Everything inside the horizon that is shared information is in more than one place. There is a holographic feature to the information. If you think of the hierarchy as a geometry, we begin to see an image emerge that is constructed from the information. This image is a fractal nesting of wavelets. The information and the resolution of the image depends on the particular level in the hierarchy in space and time, being more fine grained as you zoom out and more time passes.

This entanglement or mixing of information has a nonlinear dynamic. The most valuable aspect of this dynamic is criticality at the edge of chaos. The variation created follows a fractal scaling law in time, space, whether a node is connected or not, combinatorics, etc...

Is there wisdom in nature?

Can nature discover which methods work best?

A quantum random walk through state space in a rich environment will yield value but how is this value measured? This would be something like pleasure seeking. This is a feedback mechanism, a process that could, over time, become sentient. The organism becomes better and better at expression or testing and experiencing or measuring value in the environment. Intimate disclosure is shared logic/reasoning along with an emotional component. Shared experience is basically physical or sensory input although it is still quite complex. Sex would be a highly energetic combination of shared experience and intimate disclosure.

The brain could be a fractal antenna reading a field. The brain is plastic because it is looking for value in the field. This is a geometry of information. To read the field the brain must change its geometry and if value is detected, the process continues. The same way that a root from a tree grows into an area where nutrients are located.

The human is part of a complex system that is seeking value and the forces in play are always balancing these dynamic connections with sophistication as an important feature. What we believe is shaped by these dynamic connections and the value is a form of currency in the system. Sophistication creates more value over a broad range of agents and unsophisticated behavior such as manipulation or apathy, concentrates a smaller amount of value over a narrower range of agents.

The energetic potential in the system exist in a hierarchy with the logic structure or reasoning capability having less potential than the emotional component which is more nuanced and energetic. I believe that this hierarchy extends into the spiritual realm, with the greatest potential being spiritual qualities such as love.

So we see a process extending into space and time with the greatest value located in the middle or peak of the bell curve and the hive mind is near the extreme end of the curve with little value remaining. The individual is nothing without the group and the group is nothing without diversity. Self organization is always seeking to balance the forces involved, which can be extreme at times.

What we value matters and we become what we are connected to. When we belong we believe and when we separate we doubt. Sophistication is maximizing value. Love is maximizing value for others and manipulation is maximizing value for self. Apathy and complacency are among the least sophisticated qualities.

Additional Info:

[The Basics of Information Geometry](#)

[Brain dynamics through spectral-structural neuronal networks](#)

[A New Class of Frequency-Fractal Computing](#)

Wisdom is more concerned with the health of the system than the destruction of the misguided agents.

If everything is information then the difference between living and nonliving things is the quality of the information. Life exist in a stream of energy and from this extracts order.

It is not possible to understand nonsense. The imagination uses nonsense to construct possibilities and from this process a range of associations connects the possible to the impossible.

If our material reality is some form of interface and if there is another underlying geometry involved, how would we notice it? I think, levels of description in information theory or something along those lines would be useful.

Entanglement suggest some form of awareness. With humans, we are in a sense, entangled by intimate disclosure and shared experience. The information becomes shared to some degree of resolution.

Complexity is the blending of perfect symmetry and pure randomness. This is where the arrow of time lives. I think these two extremes are elusive ideals.

Why would Susskind say that the universe looks like a Rube Goldberg machine? Either the rabbit hole is very deep or the laws of nature have been broken.

There is a principle of organization at work in the cosmos that reverses the arrow of time. Order out of chaos. The esoteric knowledge of the mystics. Life does this but it appears that the distinction between living and nonliving things is blurred.

Consensus reality and the intentional field. Our influence on the field is limited by our fine hair like connections to the field.

The presence of an event horizon suggest that the information is at maximum compression. If the information is shared or entangled then whatever is inside of the horizon is in more than one place. Fractal scaling of the event horizon. It is fractals all the way down. Nature is lazy, it likes to copy.

The purpose of light; scale doesn't exist for light, light is the ultimate medium of exchange. The purpose of gravity; gravity is the means by which memories (consistency in spacetime) are created.

Combinatorics and networks is the idea that a relatively small group of interacting agents can recombine in a surprisingly large number of ways. Space is not an empty stage and it is not an ether it is more like a nested hierarchy of action. The discrete bits are precise ratios of a quantum of action.

Dimensions don't exist before action and not all dimensions are equal. This must be some kind of decision engine generating novelty with the fuel being something like the difference between harmonic regularity and self referential noise. Every engine takes advantage of a difference and we may not be able to name this difference. The big bang could be a large scale phase transition in state space. Each step in the process has some range of choices and when the choice becomes too fine grained (criticality at the edge of chaos) it is the chaos that drives the choice one way or the other. This is a random walk, the testing of state space, the measuring of value. All value is not equal and it is the network or range of associations that controls or decides what is valuable and what is not. The result is increasing levels of sophistication. The idea that value exist in state space and must be measured and located for some purpose suggest consciousness is behind all of this activity.

The field of consciousness is a potential in which there are virtual particles, virtual dimensions, and virtual time. Think of this as a state space in which the memory is stored as our material reality and the state space is the jumping off point for exploring new possibilities. In a quantum random walk in state space, all possibilities are explored in the entire space in an instant of time.

Truth as a time coordinate; truth lives in the past, the future is uncertain.

Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.

Truth lives in the macro past and uncertainty lives in the micro future.

The heart lives in that space between harmonic regularity and chaotic uncertainty.

Further study:

The lone genius versus the mediocrity of the committee. <https://sivers.org/book/WisdomOfCrowds>  
Wisdom of the crowd and uninformed leaders. <https://12angrymen.wordpress.com/2009/03/26/the-folly-of-experts-and-the-wisdom-of-crowds/>

Wisdom of informed crowd with ethical leadership. <https://www.prismddecision.com/avoid-group-think-achieve-wisdom-crowd/>

Liberty versus government. <https://www.activistpost.com/2011/02/real-choice-individual-liberty-vs.html>

The role of dignity and trust in social systems. <https://hbr.org/2014/04/the-power-of-dignity-in-the-workplace>

The role of outliers and innovators in group dynamics. <https://systemic-insight.com/2014/03/20/the-importance-of-outliers/>

# Meaning

Meaning is a dance at the edge of chaos.

Meaning is a nested hierarchy of metaphors.

Information may appear in a digital form but meaning never does.

Meaning is never static, we are co-authors in a story that is still being written.

If we are constructing our own illusions, we may not get to choose how real they seem.

Most of what we observe is a nested hierarchy of behaviors, the deeper the hierarchy, the more nuanced.

The small child sees the world through an unfiltered lens but does not understand it. The adult sees the world through the many layers of filters he has collected or have been forced upon him and whatever meaning remains he convinces himself, it is truth.

The universe is made of information. There is an organizational principle or process at work in the cosmos. Information has energy and in terms of its potential. Meaning, value and novelty play a role. Matter is the medium of expression and the energy is stated as mass times the speed of light squared. For information the value or the energy is measured as a truth value over all possible applications of expression. The higher the truth value the more it applies. An idea whose time has come has energy.

The idea that knowledge is power must include the energy contained in truth over application, and novelty over value.

Novelty emerges from the foundation of understanding.

How is meaning stored in state space? Meaning is intimately associated with the eternal now. Meaning in the past could only be fixed by its value in the now and is not static. Memories of the past fluctuate for every creature with any useful meaning being measured against possibilities in the future. Meaning in the future is connected to the now in such a way that the set of possibilities is always constrained by previous associations and as the dimensions increase, the possibilities increase exponentially. The more distinctions associated with a particular concept, the more constrained. The meaning of words is not stable but scale dependent, over vast periods of time, meaning changes along with all of the words in use as a collection of interrelated elements.

If science is to have any chance of grasping the nature of reality, it must first solve the question of how the universe wound itself up through random processes. Our inability to describe reality results in paradoxes, which are clues that we are not thinking far enough outside of the box. Dark matter, and dark energy, are carefully veiled manifestations of metaphysical properties, couched in the language of materialism. We are trying to describe chaotic behavior using logic and reason. We are weaving images, or models, which are the integration of ideas, into a tapestry of meaning.

Why systems thinking is the right approach.

Systemic phenomena cannot be reduced to their constituent parts. These are emergent behaviors that must be understood before they can be addressed. First there is meaning, next would be relationships, and finally context, (story, actors, and stage). The geometry and dimensions are some variation of emergent properties, repeated at all scales. We can say that nature has an intent that creates the actors. The behavior at one scale is dependent on the scales below it, and creates context. Process starts with intent.

It is our actions that define us. In an infinite probability space our action encodes meaningful information into an intentional field of implicate order. This is the manifestation of events from some degree of possibility, depending on your position in the fractal structure. There is variation in probabilities because the interconnectedness of the fractal structure has variation. This is like saying the computation is dependent upon the position in the computational geometry, or in human terms it describes a range of behaviors, reinforced by repeated actions, (variation in the density of a probability wave). The more an action is repeated the greater the density.

Intent, process and perception as a key principle of reality. All particles have a form of awareness, an exchange of information. In the hierarchy of this process, consciousness emerges. Living systems concentrate order from their environment leaving a ripple of disorder in their wake. As order emerges in the living system, a proportional amount of disorder is also created. This has something to do with meaning. When we attend a moment, we give it value as a consequence of memory and when we place intention upon it, the value fluctuates as it branches out into the future as possibilities. The value or quality of information in time has everything to do with meaning.

If the universe is made of information then, we are moving from a state of profound truth to a state of meaningless gibberish.

The past and the future collide, a series of moments, a continuum of the impossible becoming possible. The coalescing of fractions of fractions of meaning and metaphor, building a stage for a story where the actors repeat their lines with increasing precision.

In the spiritual realm Truth has perfect symmetry, it looks the same from every angle, at every scale. In the material realm Truth fluctuates everywhere we find it. So we must look beyond the information to the agenda, there is always an agenda. The agenda is tied to a belief system. Belief systems are filters. The purity of truth never survives these filters. Truth is the core of reality. As information, it has the most potential and the most symmetry. Self organization occurs at the boundaries of chaotic systems. The outer boundary has the most variation or degrees of freedom, and the least significance, in terms of meaning.

Transforming the message, retaining relationships in a fluctuating context. Fractal information and the dissolution of meaning, islands of order in a sea of chaos. Static truth versus dynamic variation. A collective principle of organization, a relationship of measured things, that give rise to a law. Is meaning scale invariant?

The meaning contained in symbols has an influence on the group/think, there is an energy contained in meaning, a dynamic tension. Our focus flows like a piece of music between tension and release. It travels across the fitness landscape, driven by our beliefs and values.

There is a dimensionality to this landscape, a multidimensional polarity that does not necessarily favor good outcomes. Reaching a fitness peak requires more effort than rolling into an attractor basin.

Everything is an approximation of something else, and so we must begin to understand the deeper meaning of these fluctuating properties.

If meaning is always fluctuating then we do not ever really see truth, what we see are truth values. In the example of the coin tosses, We have a resolution that gives us a value something like, yes that is definitely heads. But if the time scales are very small, we can't see the result of the toss long enough for it to register, and if the scales are very large, we would not live long enough to see the result of the toss. We appear to be right in the middle of these scales. Is this a coincidence?

The block universe and time. Determinism and emergence. Meaning and variation. Holograms and fractals. Resolution and scale. Relationships and context. The pilgrim and the journey. Truth and chaos. Darkness and light. These are the currency of understanding.

If the nature of reality is consciousness then, there are no perfect symmetries, there is no pure randomness. We are in the gray region between truth and uncertainty. These extremes can only be ideals, not reality. Process only occurs in the gray region, time does not exist at the extremes. If we think of coin tosses, with truth, the coin is either heads or tails as a frozen expression of meaning, and with randomness the coin is always both, it never stops spinning, and contains no meaning. The dynamic tension between the two is where time comes from. Either spin is imparted to truth or the perfect randomness of the perpetual spin symmetry is broken. At each extreme is a different form of symmetry, one is a symmetry in the relationship of meaning and the other is a symmetry of potential.

Meaning is never static, we are co-authors in a story that is still being written.

Information is energy, time is constructed through the process of novelty. Potential is created by the difference between two or more things. This is a relationship of dynamic tension, just like music. Meaning and understanding are qualities of the process of moving from profound truth to meaningless gibberish. The quality of the information can be in its truth value or its ability to create a novel and meaningful variation. The second law of thermodynamics says that most of the time the value will go down, unless there is a control mechanism in place like fitness in the fitness landscape.

Truth as the source of all things, branches out into the darkness of uncertainty in a fractal pattern. It carries with it profound meaning that is expressed in every nuance generated in the fractal computation. As this process is continued more and more meaning is lost, until the variation reaches its maximum. At the extreme end of this process is pure randomness, darkness, or the abyss.

Sometime back in the 90's, musical instrument manufacturers realized that the drum machines they were making did not sound natural. Their solution was to create "human feel." This is simply a randomization of the volume and the timing of each sound bite that is generated. The user is able to select how much randomness is programmed into the composition and it is the randomness that make the composition sound more human,

however this is still a long way from creating emotion. Emotion has a form of randomness, but it is a spontaneous expression of meaning. There is meaning of a higher order contained in this somewhat random expression. The emotion cannot be created without consciousness.

Why are we here?

The simple answer; the universe is trying to comprehend itself.

The complicated answer; the universe has an intent and a purpose but we cannot say exactly what the intent or purpose might be.

Reality is like an onion with a tree growing inside it.

The onion is a model of the probability space where the tree of the knowledge (our material reality) is growing, each layer gets progressively thinner, so that, like a fractal it never completely fills space, the space is not infinite. The boundary conditions display edge of criticality in each layer. The physical manifestation (the structure of our reality), could be thought of as a tree like structure, growing in this probability space. At the ends, the filaments are very fine, in fact infinitely fine. All of the information is stored as relationships and as the finest projections are created or computed you have the greatest number of possible outcomes, so that the earliest versions of this structure had few possible outcomes (less degrees of freedom). This structure could be called truth at its core (in the beginning) and chaos in the fine hair-like projections (the end). The ever present now, is our position in the computational geometry.

Buridan's ass, deception, metastability, dithering or self referential randomness.

Fredkin's paradox and degrees of freedom.

The growing multi-layer onion with a fractal tree inside of it is a frozen expression of meaning. A better model might be something like a torus version of this structure. This structure is a variation on the block universe which is a static model of space/time. When we try to add spin or torsion to this model, things get complicated. The fractal structure is the differentiation of the previous level, in time, space, spin, information, meaning, and relationships. These multidimensional aspects are always moving from more to less symmetry and from coarse to fine scales.

Organizational structures and self referential noise; the fitness landscape requires balance.

As the system matures it goes through stages, often moving from a competitive environment to a cooperative environment with agents forming a range of associations. If the stakes are high enough and the complexity is rich enough you will get very sudden cascades from chaotic attractors. The fitness peaks will become steeper and the whole landscape may become very extended in the vertical axis. At some point an avalanche of monumental proportions will be produced. This is what extinction level events are.

Sound carries information but sound is not substance, it is a variation of relationships. The information is not static, it has a dynamic of meaning, an expression from another place and time.

The unity of infinity is a jewel. The unfolding of the facets is a differentiation of meaning, a material expression or experience. We are supposed to understand, to grow and learn, to seek out meaning and return it to the source. This results in a variation of the quality or value of the meaning as we understand it. It is an imperfect or human quality. Imperfection

is allowed to express itself as possibilities within a matrix of material expressions. We filter the information for value but this process is imperfect. It has a fuzzy quality. This is because of the information density, otherwise we would suffer cognitive overload.

There must be a practical limit to the digits of precision in the computational geometry of the system as it relates to a particular scale. Scale and resolution move together and all that we can see or measure is a change in the relationships. We are a material expression at a particular resolution and a particular scale. Cognitive overload has something to do with the digits of precision. When we include the dynamics of scale, singularities and digital horizons disappear.

The asymmetry is our carving out our own niche in this material world and the symmetry is our connecting to the source of all meaning. The source is a pure state of being or what I will call truth or God. You might wonder, is God the source of evil, to which I would say no, not possible. If you are thinking this, you don't understand the concept. Truth is the highest energy state of the system. Truth is branching out into the nothingness as possibilities. We are in the gray region between truth and uncertainty.

How can infinity be bounded into a finite or unitary space? There is only one way, as a fractal.

The material expression of our physical reality is, in a sense, a grand version of "Chinese whispers."

Can immortality be achieved by controlling the rules or laws that govern the variation of relationships? How can we save our memories? What is the best way to store information? To have a continuity of consciousness requires precise relationships. At what level would the variation cease? Could the variation cycle? Could each cycle present a slightly new version of these relationships and still retain continuity? What would we become over vast amounts of time? Only a perfect law could control the variation, to create the most meaning and the most value.

Our extension in space and time has a nebulous quality. It is not precise or discrete. We are in a sense a reflection of the universe itself, such that, we connect in ways that are fuzzy and discontinuous. This is not causation, the dynamics are nonlinear resulting in emergent features that are as unpredictable as the weather.

Even explanation is subject to entropy.

The best explanation is an explanation that doesn't require further explanation. The geometry of explanation is fractal. Explanation is a dynamic network of relationships.

There is no reason to assume that the universe is irrational therefore, it is incomplete. Even using the best math we have, we cannot prove anything with complete certainty. What we see are relationships that are either precise or have fluctuation. I suspect that as we move to finer and finer scales, everything fluctuates, even these precise relationships.

I do not bear the burden of proof. All of humanity is exploring the possible solutions to this puzzle (nature of reality) and so far, all we have done is generate more questions, but it is

the questions that matter. There is no universal understanding.

You can gauge your level of understanding by the number of paradoxes it generates.

DNA is a transmission from the realm of information into our realm, (the material world). This transmission contains both meaningful information and self referential randomness, (a form of dithering) and it is the relationship of expression or semantics that creates the meaning. The value of the message will reposition the organism in the fitness landscape.

This is a dance of meaningful expression.

The fluctuation of permanence in the transmission of genetic information is context dependent. The environment imposes constraints on the variation of gene expression. The organism settles into a location in the fitness landscape however, this landscape is dynamic and the location is part of an attractor basin. Architect: Just how long do you think this peace is going to last? Oracle: As long as it can.

The ability to reason out whether something is true or false follows the idea of power and control. While it is desirable to believe that we possess power, this is an illusion, what we have are degrees of freedom in a field of information and the resolution gives us the degrees of freedom, along with our position in the computation or landscape. We can say that a musical passage has more meaning than some other passage but we cannot say that one passage is true and another is false. There is no excluded middle.

If an axiom is both true and false then, it is at the extreme end of the continuum between truth and randomness, in other words, the coin is not heads or tails because it is always spinning, or the time scale is so large that we will never see the result of the coin toss.

The universe is the transmission of a message. The message is some form of a story (the hero's journey). The purpose is some form of a harvest. This harvest is in the form of information. The information has value and meaning. The value and meaning are context dependent. The dynamics involved drive the process, it is the difference between truth and randomness. These two extremes are ideals not reality as we think of it. Static truth has no meaning unless we can perceive it. This requires a dynamic, at the other extreme (randomness), all meaning is lost.

Matter is, in a sense, a condensation of energy, this energy is the dynamic. If information is the source of all things then, we too are, in a sense, a condensation of information in transmission, this transmission is the dynamic. We are co-authors in a story that is still being written.

Because the quality of relationships in any system varies, we cannot treat an infinite series of any kind in the same manner as a finite series. If I am adding an infinite number of pennies to a jar, as the jar fills, the relationships fluctuate and so the idea of adding an infinite number of pennies, one at a time, must include a system to which the next number is added. If an abstract system could contain an infinite series, would the quality of the relationships in the system change? Time would be another example of a system that must change. With each tick of time, if the system didn't change, then the notion of time becomes meaningless.

The linear progression of a fractal system is an illusion. We superimpose a linear logical structure to a chaotic system and what comes out is paradoxes and approximations.

Computational geometry and the translation of meaning across domains. I am not looking for the answers, I'm looking for the questions. The consciousness of humanity is networked together in a domain that we do not have direct access to.

Information has many qualities such as velocity, density etc. but meaning is always a network of relationships.

Metaphors give substance to abstractions.

A great idea has energy. The idea branches out into the landscape and is absorbed by the actors, as this happens, the idea gains momentum and expression. A really great idea can have so much energy that it becomes unstoppable. There is only one question. What is the idea?

If a system is sufficiently complex, all we can do is tweak the parameters, run it in real time, and watch what happens. Immortality does not necessarily need to be static but it must include some form of harmonious relationship. Did God have a choice in creating the universe? If He took a static law which is perfect and applied a dynamic principle to it, this generating set would create meaning and values that are precise and in the end would not be a zero sum game.

Emergent relationships and the differentiation of meaning in nested hierarchies. Truth as a precise relationship in a dynamic system. General relativity in state space. Is gravity behaving like a strange attractor in state space?

At every level of the fractal hierarchy, variation enters the system in different ways, so there is no scale invariance. All of the information is stored in the relationships of and in each level in the computational geometry.

You are spirit. You are made of stuff but this stuff is something that cannot be regarded as real. The information is not the structure, it is the relationships. The information contains no mass.

If we had unlimited knowledge, how would we store it? As we add information to a system, the relationships in the system change, so that the system itself is the storage medium. The differentiation of meaning moves from logical to illogical, from precise relationships to imprecise relationships. This is a dynamic expression, driven by the difference between truth and randomness.

Every particle in the universe knows where every other particle is instantaneously.

A random walk is an exploration of state space. A quantum random walk is an exploration that is not constrained by space and time.

The idea of truth is still, to this day, a controversial topic. Truth cannot be separated from meaning. Meaning is context dependent and so the relationships become important. The

dynamics include consistency vs inconsistency, universal agreement vs disagreement, objective vs subjective etc. It is this dynamic quality that causes variation in the meaning.

No matter what we say, about any sensory input or idea we attempt to convey, the information will lose some of its truth value during transmission. Any attempt to remove the dynamics or context, will also alter the meaning.

A left brained, dogmatic, pragmatist, will always try to treat truth in black and white terms. This is the idea of determinism, that everything is absolute but what we find is that nothing is absolute, everything has variation that is scale dependent and it is the resolution that determines how much variation we are able to detect.

A belief system is often based on a relationship. Someone you respect or admire sold you an idea so that, you have an investment in the idea. Whatever this belief system is, it filters your perception of reality. Innocence, from my understanding, is unfiltered perception. A belief system is unnecessary.

Our choices affect the degrees of freedom for all future choices.

The main purpose of the rational mind is to live long enough to make a copy of itself, how romantic.

Determinism or indeterminism? As with so many things, it is probably not one or the other. I think it is more like something akin to degrees of freedom, so that freewill has variation, not absolutes. The idea would be, a choice you make now will affect the degrees of freedom for your next choice.

Love is a dance of complementary expression, there is movement, a sweeping away of differentiation. Over enough time you will take on many of the mannerism of the one you love.

The reason science can't describe reality is the same reason it can't describe a tree. You can draw a picture of a tree, or take a picture, make a movie even a 3D movie but in the end you only have a partial description no matter how much information you use. Science is in the business of explaining things but the explanations will always be incomplete.

Even if the greatest master in music theory gave the most complete analysis of a piece of music, he could only describe certain aspects. Much better to just listen to the piece of music and let it touch you, move you and carry you away.

It is possible to overthink almost any subject and by the time you are finished over-analyzing it, you have a different animal. The value of simple is clarity, the value of clarity is practical application. If you want to apply a principle to your life keep it simple stupid.

In our quest for knowledge, it seems strange, just how dynamic this exploration is becoming. We should ask ourselves, first of all, what is knowable, and secondly, of the things we are able to understand, just how well can we know them. We have entered the information age. Knowledge is doubling in faster and faster cycle times, but as you may have noticed on the internet, not having all the facts does not seem to stop people from having opinions. These opinions create a field, like the wisdom of the crowd. The

truthfulness fluctuates but when we average it out, many times, it is very close to the correct interpretation. Are we influencing the outcome? This would suggest that something like the intentional field of implicate order is in play here.

There was some form of probability distribution. We were each given a space in time, in position and duration. We were each given a particular set of talents and resources, mental and physical ability, social position etc... If a system is sufficiently complex, all we can do is tweak the parameters, run it in real time and watch what happens. There is something we are supposed to learn. Don't give up before the miracle happens. There is a miracle and just because you can't see it doesn't mean it isn't there.

When an atheist has been humbled, he calls himself an agnostic.

A fundamental feature of the intentional field of implicate order is deception. All intelligent agencies use deception as a tool for an agenda. This is a clue. The reality we perceive has deception built into it. It is being called self referential noise. This is the snow on your TV, the hiss on your radio. It is the abyss, the negative energy in information theory. It is the beautiful lie and it is driving the system.

Our perception is filtered. We differentiate the elements in our field of awareness. We reconstruct these elements in novel ways, this is what imagination is. Intuition is a higher form of awareness however there appears to be a large amount of background noise so that, we cannot really get a clear picture of what is going on. This reminds me of opinions, everyone has intuition and just like opinions, there is a lot of fluctuation.

People believe what they want to believe. People hear what they want to hear. Don't waste your time defending truth, truth doesn't need your help. There is no surer way to hinder discovery than to believe that you already have the answer.

Perception is, in a very real sense, an awareness of differentiation. Women and men are different for a reason, you have to look beyond the physical realm to really understand what is going on. Women complete men and men complete women. If we blur all of the lines, we will end up with a compromised level of awareness. Any sufficiently low level of awareness is indistinguishable from ignorance.

Meaning has a dynamic, a thickness or density as well as a network of connections so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape.

You should be humbled by the great mysteries set before you, arrogance is not useful in this matter.

It's really not all that difficult to notice the deception built into our reality. What is hard to figure out is whether we are somehow involved.

There may be a conceptual propagation of manifestations. In the spiritual realm, light creates and darkness copies because darkness only has access to the shadows.

It is impossible for men to look upon each other as equals, there is always tension because

of ambition and desire. When a man does not know what drives him, he goes about painting the world with his own unique pallet of colors, convinced that the ones he has chosen are correct and it is everyone else that is wrong.

People forget that technology is a form of magic (I will let this sink in for a moment). There will be things in the future that are mundane to our progeny but to us are unimaginable. We are only beginning this journey of discovery. This idea that science is going to wipe away religion, little by little, error by error, is ridiculous. Science and religion contain an equal amount of error and the illusion of superiority has made it difficult to make any real progress in either discipline.

Reality is a nested hierarchy of relationships. We can only measure a thing in relationship to other things. Light does not experience time, only the system experiences time. The material world as we think of it, is made of information. This information is not stored in the material, it is stored in the relationships. The nested hierarchy of scale is an infinite series of relationships. It is the vanishing point, the squaring of the circle, irrational numbers, Cantor dust etc... We are constrained to the relationships in our frame of reference and when we try to move into these far distant domains, we always encounter a paradox. When we move to the largest scales, we encounter the miracle of "something from nothing" and when we move to the finest scales, we encounter "the mystery of the quantum domain."

Isaac Newton advanced our understanding of physics but his concept of space/time was static or rigid. Einstein advanced our understanding a little further but his concept of scale was static or rigid. Probably, it will turn out that nothing is static and that the collective principle of organization takes advantage of processes on many levels and in ways that are for us, at this time, unimaginable.

Godel's incompleteness theorem is a statement about the absurdity of reason. If an axiom can be both true and false then, it lies quite literally outside the bounds of reason. Nature is lazy, it likes to copy, this is a fractal probability distribution.

The Euthyphro problem and possible solution; logic has a fractal quality to it. Truth is the highest energy state of the system. The lawful regularities of our physical reality are emergent. Truth is branching out into the nothingness as possibilities. Truth has the most potential and uncertainty has the most variation. We are in the gray region between truth and uncertainty. All behaviors are constrained by the relationships in their reference frame. All we have are the relationship of measured things and incomplete descriptions.

Why anything with mass can't move at the speed of light. Mass bends the space/time around it and the faster it moves the more it bends space/time, at the speed of light this bending reaches the theoretical limits.

So why is every electron exactly the same? Richard Feynman thought maybe there was only one electron but it is possible that the electron is a precise relationship of something more fundamental.

The greater good has been defined as "the ends justify the means."  
The common good says that "liberty resides in the means."

The holomovement and process; the undivided whole is differentiated by perception, this creates a disturbance in the field. The disturbance is information but it is different, new or novel because of imprecise perception and intention. Perceptions are always a best guess or controlled hallucination. From this information, intention is formed in the form of an echo from a previous intent but again this is an approximation to some degree of resolution. Expression and experience move together in and out of these nested hierarchies, creating new or novel information. The geometry involved is a novelty or imagination engine.

The universe is a pencil standing on its tip and if time does not flow the pencil will remain like this forever. This is the highest energy state for the pencil. When the pencil falls, it picks a direction randomly however, what is the relationship of one direction over another, the relationships only begin as the pencil starts falling. The movement could be called the holomovement of David Bohm, and when the pencil has completely stopped moving, the universe has entered a heat death.

Quantum uncertainty is always creating novel relationships to some degree of resolution. This is the dance of expression/experience. Self referential noise is the fiddler.

Truth is precise associations without fluctuation, but everything is fluctuating and so, we only see truth values. The degree of precision is important in that it gives us the applicability of any truth value.

Everything that comes into your five senses is an approximation of reality and its applicability is a measure of its truth value. Applicability is a material expression of process.

The explanatory power of math isn't always precise because of applicability. If it doesn't apply, it isn't true.

Penrose tiling; The plane we are tiling is not only extended into the third dimension it is also dynamic (fourth dimension), and if it is fractal, the dimensions continue into state space.

With the measurement problem, when we have the particles location, we are in a sense stopping time but the electron is part of the holomovement and so a slice of time yields a partial or incomplete picture of the holomovement. If we think of a holographic plate, the electron is everywhere on the plate and it is our particular vantage point when viewing the plate that gives it location. Perception creates a differentiation. Reality is constructed by emergent phenomena. Think of the holographic plate as a dynamic system rather than a static plate. The plate is one slice of time, as a system the structure is nothing like a plate, it is more like sound waves moving as spherical ripples in time. There must be some form of a container with everything inside of the container affecting everything else to some degree.

Information and awareness in a system; the system as a whole has a complete awareness of itself. Perception creates differentiation, the differentiation divides the awareness, this process is, in a sense, a division of consciousness. The meaning contained in the system is moving from the highest state of application, through nested hierarchies of meaning and association into a realm of imagination where all things are possible but less and less meaningful.

The singularity is a point, but a point is a theoretical object. When a photon interacts with a photographic plate, the location of the photon is a combination of its wave amplitude and the position of the plate creating an artificial slice of time. This illusion of location is no different than the illusion of complete information about the photon. This photon may have come from a star a billion light years away but it is everywhere. The interference pattern from the two slit experiment shows bright bands and dark bands, and it is the dark bands that are the most interesting, because the dark bands are not empty, that would be like saying that some part of the wave does not exhibit any behavior.

The mathematician is trained to see the world a certain way and so he can become very myopic. The scope of vision required to see the world as a dynamic integrated whole might be more along the lines of a poet's perspective. Perception creates differentiation and it is the act of perceiving that narrows or broadens the scope. An imagination engine cycle would look something like, perception, intent, action, expression. So maybe you could call it a four stroke engine. Intention is an echo of a previous intent.

The brain maps motor control in the same manner that the universe itself maps the material in it. A particular movement will have a location of highest probability/density in a region of the cortex and yet the ability is also present as a distribution in the surrounding cortex although not as precise.

The value of uncertainty is novelty.

Deception is an ever present, pervasive influence on the social fabric, generating illusions and expressions that mystify and bewilder. Most do not understand what they are looking at or simply ignore the ramifications, that we are somehow involved in our own deception.

There can be no magic without the magician, these material expressions are the result of intent, which is an echo of a previous intent.

We need to consider the nature of information. Things like meaning and relationships, along with any value or application within a context. Also the material world might be all there is or it might be an expression of something more fundamental. Immortality would require precise relationships, any variation would need to be constrained by a perfect law that retains the form or relationships so that randomness is never allowed to reign. I think the energy comes from the difference between randomness and precise relationships in some way so we would need a different engine.

At the end of the day, all we have are the relationship of measured things and incomplete explanations. Science is divided into the empirical and the forensic, and as it turns out both are limited to some degree of resolution.

How can action occur on a hologram? The hologram stores information that is updated by behavior. It is the behavior that has location. The information about a particular particle is stored everywhere. When a behavior occurs the information is updated everywhere.

If all of the information stored in the universe is stored as relationships then, meaning becomes an essential component and truth is relational. If it doesn't apply it isn't true. When the philosopher makes a statement that can be both true and false, he should realize that the

statement has no application. He is not being clever, nor is he being wise. A pointless pursuit is always pointless. Thus we should simplify for clarity and application. Simpler is almost always closer to truth. Additional note; we are talking about a hologram with a fractal probability distribution so, even logic (fuzzy) has a fractal quality to it. Explanations can be in the form of nested hierarchies. In the end, all we have are the relationship of measured things and incomplete descriptions.

The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic, meaningless gibberish. I think this information has more to do with action than thought.

Right action is measured in the heart of every man. His skill in determining right action will vary from man to man. The consequences ripple through history, sometimes in a smooth, calm fashion and sometimes as a tumultuous storm.

A perfectly symmetrical (in terms of relationships) input of sensory data would essentially be random noise with no differentiation from any of your senses. So, we could say that perception creates a differentiation and all sufficiently complex events are statistically impossible, they are all one time events. In assuming this, we must add the degrees of precision the brain will use to process the data. Next the brain will add expectation values to the data to create a best guess and viola, you have cognition.

Since all sufficiently complex events are statistically impossible, does cognition round off the statistical impossibility of a complex event? If we are in a simulation, there might be processing limitations involved.

The symmetry of the potential of the boundary condition of time has a fractal quality such that the forward direction of time does not mirror the reverse direction of time. This difference gives a behavior that we think of as acceleration or gravity. The symmetry of the potential of the boundary condition of time varies with scale and resolution. So we should expect these behaviors to follow a power scaling law in some manner. These behaviors are constrained by the relationships in their reference frame so, the difference between forward time and reverse time varies with the reference frame. We can say that a behavior has location but we cannot say exactly what an electron or a photon is, other than the fact that it has a very precise relationship in some form of a network.

The human race is a collection of memories about the shared experiences of each one of us as a network of associations branching back all the way through history. These memories are very much like a great symphony with its triumphs and tragedies. If the great composer had chosen a different method to compose his symphony, we would have ended up with a different symphony.

When desire sleeps it is but a subtle influence, when desire awakens, it drives the world and everything in it in ways that are too sublime and terrible to imagine.

Mostly, anything intangible is profoundly absurd. Our perception becomes increasingly filtered over time, this is the opposite of innocence. Our only chance at discovery is to nurture imagination. Reason is the servant of all of the higher levels of awareness. No aha moment is ever the product of pure reason.

Nothing can harm you, you have nothing to worry about, nothing will happen. Sounds good, yes? This thing we call "nothing" is the outer darkness of the great beyond, and is in a sense nonsense.

Question everything!

"Now" is a mirror precisely positioned between the past and the future and it is reflecting in both directions. The surface of this mirror has imperfections and so the reflections cannot faithfully match either the past or the future, there is always a slight variation. The randomness imposed by the imperfections has a fractal quality with extreme sensitivity to initial conditions. It is not the mirror that is moving, it is the imperfections.

In an infinite probability space, does mixing metaphors matter?

A concept will last only as long as someone is available and willing to understand it.

Dreams have substance but this substance is different than the substance of the material realm.

Your belief systems filter and your spirit creates connections and it is these connections that are in play when you use your intuition.

The more precisely we can divide time, the more precisely we can measure distance. This is true for surveying and navigation.

The fractal mirror of time is a kaleidoscope, the jewel at the heart of physics. What the precisions are I cannot say. Perhaps it is ratios.

A rock does not need information to tell it how to be a rock. That is not how information works. The information is stored in the relationships that make up the rock. If the relationships were different, the rock would be different. We can rearrange the relationships of many things at many levels. If we scramble the relationships, what happens to the information? Sheldrake would suggest that new relationships, something the universe has never seen before, are resisted by some form of energy (morphic field) but as the arrangement becomes more common, at some point it becomes easier to produce.

Everything is fields.

If we are in a simulation, it is pointless to talk about the arrangement of the pixels on the screen.

A computational mapping of possibilities is linked to a system that measures value and meaning against effort and application. The geometry includes nested hierarchies, an interconnected network of associations and the one thing that keeps the processes from locking up, self-referential noise. If the universe is a decision engine using pseudo-randomness to keep the computations from locking up then we could ask; what is the purpose or what is it trying to solve? Also; what is happening to the information as the

process matures? What we are talking about is informed random walks in state space, like wisdom of the crowd, this involves fields that we have yet to identify. When you include the quantum domain, then you are talking about quantum random walks that are not constrained by space and time.

The particle/wave duality has something to do with the nature of time. Time is intimately linked to information, you cannot separate them. Information moving in time always contains meaning. This meaning has a truth value. There is a dynamic nature to these truth values with application and material expressions. Experience relies on these expressions, it is the perception or division of the expression that creates the experience. How much we are able to understand varies from experience to experience. In the quantum world these expressions have a probability. A fractal probability distribution.

The holographic theory says that we are in two places at once. One of these places is a projection and it is essentially nowhere and the other one is the hologram which is essentially everywhere (you are smeared across the entire surface), so you could say that you are in that space between nowhere and everywhere.

On a hologram, scale would be irrelevant, what would matter are things like the relationship of frequencies, patterns of interference and non-interference etc... How could fields be generated on a hologram? A hologram stores information this information is relational, the relationships describe the field, these fields are dynamic so, does the surface of the hologram have extension into another dimension in space or in time? If this surface is dancing the fiddler is self referential noise.

Truth is not inside of time, time is inside of truth. Truth is not inside of process, process is inside of truth. In terms of information, truth appears to be the most fundamental thing. Truth has the most symmetry, it looks the same from every angle, at every scale and no-one can prove this statement is incorrect.

If the universe is holographic with a fractal feature such as, experience and expression, fractal folding back into the hologram, then our understanding of scale needs to be drastically modified. To describe the fractal folding of information; if you have enough information to ask a pertinent question, you have enough information to answer it.

Physics is a form of magic. No physics textbook remains relevant for more than ten years. The physicist is the new Wizard, it is a dark magic. We are children playing with nuclear fire.

To find out what is really going on in the world, you have to take in information from as many different sources as possible, average it all out, down to an approximation and hopefully, you will be in close proximity to the answer. This is wisdom of the crowd but it only works with an informed source.

Nature is lazy, it likes to copy. Darkness is the same, it copies. Darkness needs the light, it is using us for an agenda. We are made in the image of God and our imagination is of such a great value, that we have the attention of these dark creatures. Everything is happening at the edges of the shadow, this fractal boundary. The gray region, the border between darkness and light, sense and non-sense, order and randomness, the ever present now. This

is a computational geometry that generates meaning.

I will use a manufacturing company as a metaphor to describe our reality. When we look at a company there are many things going on. The less you understand it, the more chaotic it looks. The behaviors are both a consensus of the actors and a set of individual goals and depend on what the actor is connected to. Some behaviors will be very simple (push a button every hour) and the actor can be changed with no measurable difference, to some degree of resolution. Other behaviors are so complex that even if all the actors and all the other factors are the same, you will see a noticeable difference in behavior that cannot be predicted. Profit occurs in many layers and exist in the system in more than one way and in a sense, has a hierarchy. Profit to individuals, to teams, to the company as a whole. You could say that all profit is equal but some profits are more equal than others. In a sense profit and value are the same, and the system is healthiest when the value is maximized throughout the hierarchy. Novelty plays a key role is shaping the behaviors that emerge from the actors. This novelty comes from imagination. The value is intimately linked to meaning. If it doesn't apply, it doesn't have meaning.

Life is a sustainable system of organization, using fields to retain a specific form. Microtubules read the field, inform and organize the material in the system. The material is an expression of the field, this field of information has potential, the potential is generating meaning or value. It appears to be coming from the spiritual realm.

"Now" is a position in a fractal structure which is essentially a computational structure and is the interface between the past and the future. It is the fractal folding and unfolding of information. The surface or interface has very slight variations that cause the information's dynamic (like a processor). If "now" is like a mirror then the past informs the future and vice versa, if it is more like a window then the future spills into the past with subtle variations that can never be predicted beyond some degree of resolution.

The idea that everything can be computed and everything can be explained is flawed. The dynamics of the system do not allow for completeness. Partial descriptions will always be the norm.

Truth as a logic structure is closer to simple and the further away from simple you get, the deeper and more nuanced an explanation will become until you reach a point where the energy is so high that no explanation is possible.

The density of time, cognitive overload and stress. There is a principle of balance. Humans are designed experience life's ebb and flows. You cannot spend all of your time at the high end of the spectrum. Make time for everything in moderation.

The reason you don't remember tomorrow is because your journey is unique. If you could remember tomorrow it wouldn't be unique. The reason you can't change the past is because you wouldn't learn from your mistakes. If you could change the past there wouldn't be any mistakes.

Truth is about meaning and application. It is also about getting your head, heart and feet all moving in the same direction. What we value matters and the more we understand, the more alive we are.

What we think of as a particle is a packet of energy, that can combine or interface with the environment in some way. The behavior has location but, we cannot say whether the material (particle) has location. The material could in fact just be an illusion caused by our incomplete understanding.

The human brain is a fractal antenna that could in fact, be reading fields that we don't even know about. These fields, if they exist would be quantum in nature. As an example migrating birds, photosynthesis and quantum random walks in state space.

Beauty is a curious mix of geometry and randomness and is perceived more by the heart than the head.

Backward causation might be better explained as read ahead.

A fractal probability distribution is not purely random, it is complex and chaotic but not purely random, nothing is.

Every engine takes advantage of a difference.

The definition of "definitions" is an infinite network of associations.

In an infinite probability space, all behavior is possible but not all behavior is expedient.

Inside the Mandilbrot set is the non-computable region, the region is finite but the boundary is infinite. There is a bifurcation of expression. Everything inside the infinite boundary is part of the set and everything outside of the boundary escapes and is thrown into the outer darkness.

The number of behaviors that can be contained in a region of space is proportional to the force of gravity in that region. It is the folding of information into a region of space that contains a holographic horizon where all of the information is stored but because the horizon is colliding with other horizons, the information is mixing and becoming entangled. How much of the original form remains depends on the fields involved. The singularity or folding of information into a maximum compression generates another behavior, possibly spin. The event horizon is evidence of maximum compression. When we talk about isolated event horizons, we are referring to a particular time scale. At the scale of galaxies very long time scales are involved and at the scale of atoms, times scales and isolation are very much shorter.

A very clever lawyer can create a lot of damage, we can only hope that lawyers never figure out how to manipulate physical law.

The particle zoo and behavior. We are cataloging behaviors, in the quantum realm, there is a minimum amount of space, time, energy or behavior and as these behaviors combine, you get very complex unpredictable behavior and emergence. These behaviors can be expressed as geometries, computations, networks of relationships or interactions of something like particles, just like the blind men and the elephant.

DNA is using some form of quantum computation that is so sophisticated that we are having trouble understanding it or even recognizing that it exist. Material expressions that result from these molecular communications, are really the new frontier. The high end of computation will be in organic material, not silicon.

Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite.

Meaning lives in that space between stasis and chaos. Measuring the coastline of England is a great metaphor for describing the fractal nature of information. With a very large ruler we will always get the same answer, about 7,723 miles, but as we move to finer and finer scales the answer begins to fluctuate between some range that continues to increase as we move to finer scales. At some point the dynamics, nuance, or level of description becomes so energetic that no answer is possible and the meaning is lost.

The holographic nature of physical reality would suggest that, without sufficient resolution a behavior cannot be manifest. As an example; an image of a small object on a holographic plate is stored everywhere on the plate however, if we cut the plate down to a small enough piece there is no longer enough resolution remaining to represent the object.

Profound beauty is very much like profound truth, in that there is a harmony or balance between the many elements or dimensions involved. Our connection to both beauty and truth are possibly, the gossamer strands of subjectivity that are both undefinable and fragile.

A careful analysis of either beauty or truth will only diminish their quality. This would suggest that mystery is one of the dimensions.

An infinite fractal boundary versus pixels on a screen. With the fractal, as you zoom in, it is just more of the same. With the pixels, as you zoom in, (if we are talking about a hologram) at some point, you will be left with only one pixel to represent the entire image.

The universe is a musical composition, in that, there are relationships between the intensity, duration, and frequency as a nested hierarchy. These relationships contain meaning that is read by all of the constituent parts within the sphere of influence. Consonance is very different from dissonance but both are required for expression. The quality varies and for sentient beings this quality is given value. Man was not created merely to survive, survival is not the engine of life, meaningful expression is.

Because the event horizon stores all of the information within its volume, and the position of the event horizon is determined by gravity, there must be a correlation between gravity and information. A description of a black hole is very much like a description of the Mandelbrot set. The event horizon and the infinite boundary being equivalent. Consciousness could also be described by these features.

Degrees of freedom versus levels of description in a system. The system must use a principle of organization to combine or unify the behavior of a collection of the constituent parts, so that an emergent behavior will manifest. The degrees of freedom for the collection is less than the degrees of freedom for the sum of the parts without this organization. This is true of physical laws and consciousness. We cannot describe the behavior until we reach a scale where we can see the collective organization, this is when the information about the

behavior emerges. Principles of organization can exist at many levels in the hierarchy.

People are not precise, no-one is. If you don't believe me, try asking for complex instructions to some task. Every person will weigh the information, give you what they feel is relevant to but not to the point of exhaustion, and will assume you can figure out the difference. If they are being thorough they will still stop at some level of description because the nuance involved may simply be too deep.

The boundary between the non-computable region and everything outside of the set is not an infinitely thin line, it is a region that has depth and density.

The geometry of a conscious moment is a structure, this structure represents a concept and cannot be divided. It constrains the previous version to a finite arrangement just as it does the next version, each in turn strobing from one to the next at about 100 milliseconds. This maximal irreducible conceptual structure is a fractal of a larger more complete structure, that is a fractal of an even larger more complete structure, that is probably strobing at a different cycle rate. Each conscious moment is unique because your mind has filtered out anything superfluous from the whole.

The mind is never still, what is fluctuating is awareness.

Imagination is the connecting of disparate things in novel ways.

With consciousness, more is different.

The space filling properties of consciousness. All dimensions are equal but some are more equal than others. The expansion of space/time may very well behave like a fractal where each iteration produces finer but exponentially more stuff.

The best evidence of unsophisticated ideas is the behavior that follows.

The largest thing we know of is an arrangement of information, so is the smallest thing we know of.

The energy of a particular sound spreads out into the medium that carries it as finer and finer influences until they are so small they can no longer be distinguished from the background noise and essentially become unified with it.

Does mystery have a purpose? Without mystery there would be no wonder left in the world.

Something from nothing is a miracle anyway you slice it.

No relationship is absolute and discrete it is resolution that creates this illusion.

In the material world, information does not move in a linear fashion and all of the rules depend on relationships.

Symmetry, dynamics, and perpetual motion: Information is a difference that can make a difference. Understanding is life, islands of order in a sea of chaos. Perception creates division. The engine is imagination and the fuel is novelty. Innocence is unfiltered perception. We live in the shadows of

perception where all belief systems are filters. Meaning is created through this process. In order to create meaning something must be consumed. Light pierces the darkness and is consumed, truth pierces the chaos and is consumed. The universe behaves more like a song than an equation. How can location exist in a song? We can give behaviors location, beyond that we cannot say.

All of time converges on this one moment, all of space, on this one location.

We inhabit a world of information, this information has qualities that extend beyond our ability to describe them. This is a multi-dimensional probability space with fractal features. We can describe behaviors to some level of description. If you assume that an entangled pair of photons only has some number of influences guiding their behavior and the behavior does not support this then, you will need a deeper level of description. You will very quickly reach a level of description where the energies are so high that no description is possible.

The integration of information and vulnerabilities move together.

Variation at the cosmic scale has large regions of homogeneity or voids. At the scale of galaxies there is more fluctuation and many more nested hierarchies within the region of the galaxies. As we continue to finer scales, the nesting of variation becomes denser and denser. The denser the region, the deeper the levels of description. In other words, how much information is needed to describe a particular region of space/time? The ratio of the homogeneous regions to the regions with lots of variation is very high. This is a fractal nesting of information. It is not the digital horizon that prevents Zeno's paradox, it is the dithering of self referential noise.

When our theories continually move us into more and more complicated explanations then, it is certain that we are moving in the wrong direction.

The cutoff frequency for light is related to two phenomena, the source (the source will always have a range of very specific frequencies) and the stretching out of space (there is a relationship with time and the stretching out of space). Scale is relational and the only constant is ratio.

The fabric of reality is continually being woven into a tapestry of meaning.

In the "more is different" principle of organization, the degrees of freedom are reduced in the collective, in relationship to the sum. This creates a field that I will refer to as "the intentional field of implicate order. The idea here is that the range of behaviors is reduced to an optimal set.

Process divides truth (through self referential noise) perception divides process.

We have to use dimensions to describe relationships. There is more than one type of dimension. Spatiotemporal dimensions, hierarchical or nested dimensions, and a range of associations that vary according to stable rules and rules that have fluctuation, there are also abstract dimensions such as value. Now imagine trying to create a map that has all of these properties. That is what your brain does to make sense of and navigate the world. There is also the additional function, "Buridan's donkey," otherwise choices would take far too long. The predictability of behaviors depends on the level of complexity.

A highly complex range of associations can never be discrete. Therefore there is no digital representation that will reproduce all of the nuances. At best you can create an approximation of these

systems. Don't forget that along with the relationship of connections, there is also a temporal component that uses frequencies of nested harmonic and discordant relationships that probably utilize the golden ratio because this ratio prevents interference.

Did rules create behaviors or do behaviors create rules, or maybe it is some combination of these two. In the physical world the operation of cause and effect break down at some resolution for reasons we don't yet understand. This would suggest that what we think of as a fundamental law is probably a different animal all together.

I would have to say that it will be very difficult to determine whether computational geometry or physical geometry is more fundamental. My suspicion would be computational for the simple reason that, whenever we try to describe the relationships strictly in terms of material processes, we encounter paradoxes. The more elegant the explanation, the better the chance of being correct. Much of physics has become overly complex hinting at the possibility that we are missing some essential clue.

No source of information is unbiased, the quality of the information always exist as a continuum. There is variation with both the source and the receiver. The variation can only be constrained within some range depending on the levels of description. Information has an energetic potential and the variation is the dynamics of meaning within context at some particular resolution, as we move deeper into the explanations we encounter self referential randomness. This energetic potential can be so large at a particular depth that all of the meaning is lost.

An echo is an imperfect copy of the original, it is information but it is information from a different time and place.

Light pierces the darkness and is consumed, truth pierces the chaos and is consumed. Every engine takes advantage of a difference. In order to give light, something must be consumed.

In spacetime the wave is not just a wave, in many cases, it is a collection of nested frequencies and the relationship of the frequencies is important. Things that endure in time have harmonious relationships and things that decay quickly do not.

Patterns are used for predictions. We look for patterns so that we can better navigate the world. Their usefulness is in their predictive abilities. All patterns rely on a collective principle of organization. Resolution and scale become important. The patterns only emerge as a collection of random behaviors that organize as the collection increases. Different scales contain different patterns and at a particular scale in any system no pattern is detectable.

It is my suspicion that the most fundamental thing is computational geometry.

The anthropic principle states that the universe itself is irreducibly complex.

If the most fundamental thing is information then anything we can say about reality will just end up being a metaphor.

There are two possible explanations for Zeno's paradox, one; there is a digital horizon, this explanation is a bit awkward and two; it is fractals all the way down. Think of the Mandelbrot set as an infinite structure in a finite space.

The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos.

If it's relational, there is a geometry involved, whether it is a computational geometry or a physical geometry is another question.

Our models are very much like metaphors attempting to describe the relationship of the pixels on the display. We can say that behaviors have location, beyond that, we can't say much. All we have are the relationship of measured things and incomplete descriptions.

Information is a difference that can make a difference. Life says that the difference can be measured as value.

If it is relational, there's a geometry involved. Information is stored in the relationships. Meaning is a dance of mutual expression. Expression and experience are two sides of the same coin. Perception differentiates information, information is given value, value creates desire, desire creates intention, intention becomes expression, an echoing of possibilities.

All belief systems are filters, innocence is unfiltered perception, a belief system is unnecessary. We are connected to our environment through belief. We shape this environment to some extent, depending on how much intention is involved. This is the intentional field and just like a magnetic field, it is composed of many elements, if this were not so, we would have noticed it much more often. Like wisdom of the crowd, it is a collection of various perspectives.

Life is a principle of organization that is particularly concerned with value creation.

Value is the perceived benefit in the process of choosing.

Freewill is a branching out of choosers into a system of networked associations.

Love is a dance of complementary expression.

Some will say there is no magic in the world, don't believe them, they are not experts. Consider this, by a single act you can create something so extraordinary, that it would take you a lifetime to describe it (a child). This child will contain one of the most remarkable things that exists in the universe, imagination.

I personally feel that the universe behaves more like a song than an equation because math is about static law and music is about dynamic expression.

Expectation colors experience.

Value is an emergent property in state space. In the beginning the universe was balanced between harmonic regularity and self referential noise. In this meta-stable condition, space was at maximum compression and time was at maximum expansion. The result was a phase transition of space/time. This could be considered an oscillation on a cosmic scale. Process is a differentiation of meaning from simple truth at one extreme and self referential noise at the other. If we wanted to create a set of rules to write a musical composition that was meaningful and efficient, what rules would we use? Music is the universal language, music is the language of the soul. Value is relational and depends on what you are connected to.

### **The probability space exist as a trinity.**

The non-computable, (consciousness).

The infinite fractal boundary, (the material world).

Everything outside of the set, (the imaginarium).

Two drops of water that could be considered in all regards as identical, separated in space, have separate identities however, two drops of water that could be considered in all regards as identical, separated in time are considered to have the same identity. In this regard, we see that time is not just another dimension of space/time, there must be a distinction and if the math says there is no distinction then, the math is wrong.

Both truth and beauty rely on geometry.

The qualities of the geometry of music are not well defined. We understand them only superficially. The levels of description go very deep and we intuit the beauty in various ways. The energy, passion, flow and tension all give us a sense that cannot be described as a sensory phenomena.

Life can only exist when it is in the stream of energy flow. It takes a lot of energy for life to have a chance by creating islands of order in this vast sea of energy.

If we think of space as a gas and time as the pressure of the gas, we see that gravity is the force of a region of higher pressure compelling the object in it to move to a region of lower pressure.

Any behavior we can name is constrained by a network of associations.

The "nature is lazy" principle of organization; a fractal is the shortest distance between two points.

Representation and reality;

1) mirrored, 2) masked and denatured, 3) hidden and 4) disconnected.

This one thing that includes everything, we call universe, is by definition undifferentiated.

Physical processes that are highly energetic have many more levels of description.

Time is a four legged mammal that quacks.

"Quacks" contains the most information because there are many mammals and there are many four legged creatures but only one creature quacks.

We are moving from the highest possible symmetry to the most likely outcome.

A lie has more dynamic than truth but truth has more potential in terms of meaning.

It should be obvious to anyone paying attention, that we are dealing with information. There is no physical geometry, the geometry is computational. You can think of two entangled photons as being on the surface of an expanding sphere where the photon isn't what is spinning it is the entire sphere, some form of two dimensional phenomena expanding into a third dimension but probably it is all computational just like the CGI we use in the movie industry.

Zeno's paradox and ratio; the turtle can only take a small step each unit of time but Achilles is able to take a much larger step in the same unit of time. Given sufficient time, no matter how much lead the turtle has, Achilles will always overtake the turtle. Instead of a digital horizon, we may have to think in terms of ratios of nested fractals.

The universe is irreducibly complex and has a complete awareness of itself. Perception divides process, process creates expression, expression creates experience, experience creates sensation, sensation creates perception, it is here that awareness lives. Everything is linked to value creation with varying degrees of freedom. All material expressions rely on action, all actions rely on intent, all intents rely on desire, all desires rely on values, all values are tied to belief systems and all belief systems are filters. Truth is outside of time and innocence is unfiltered perception.

Starting with the assumption that ordinary matter when constrained inside of any sufficient energy flow will spontaneously arrange itself into the most efficient arrangement (nature is lazy), whereby future states contain more order than past states as a definition of a time or entropy reversal (relative to some other part of the system). The mechanism could be God, consciousness or something like a random walk that includes all future states that we would normally ascribe to a single unit of time or process, we are still left with the question of how the universe wound itself up in the first place. This is computation in some form and would suggest that the most fundamental thing is information, with space/time being emergent whether by entanglement or any other physical process.

An overly complex explanation began with an unsophisticated assumption.

I find the idea of a block universe to be very unsatisfying. The reason science can't describe the universe is the same reason they can't describe a tree. No matter how much information you use in your description, it will always be incomplete. The only complete description is the tree itself. It is amazing to me that people will argue over who is smarter and has the best explanation of the tree. Are you kidding me? The tree is meant to be experienced not explained, just like life itself.

If I wish to convey meaning, I must decide what level of description or resolution I can consider sufficient. Truth, in my opinion, contains the least amount of dynamic association within any particular description and I am not able to completely control the amount of fluctuation the recipient will encounter as the levels of description increase and the recipients' ability to visualize the picture I have attempted to construct decrease.

There are no perfect symmetries, there is no pure randomness. the mechanics are not random, they're fractal. Think of a tree growing in a box with the inside surface of the box as the place where we will register the probability of the tree eventually touching after growing for a period of time. Roughly speaking any portion of the surface has an equal chance of the tree touching it but only some portion or percentage of the surface will ever include the tree. Now replace the box with an onion type, container, where each cycle of time includes both a portion of growth for the tree and another layer for the onion. The inside surface of this onion now includes a new probability distribution where each new layer is dependent on the previous layer and each new layer has a finer resolution with more degrees of freedom but not infinite degrees of freedom. The center of this structure had few degrees of freedom and the final layer has the most degrees of freedom. The outer layer of the onion would not be a perfect sphere, it would be more like a fractal surface such that the surface area would increase with the resolution. Our universe, the universe we can see is the tree like structure.

Quantum random walks in state space. The exploration of all possibilities in one instant of time. Any consciousness creature will look for patterns and assign value to each possibility. These possibilities create a landscape. This landscape is some form of a fractal where beauty lives. This beauty is both relational and meaningful. Time is an illusion along with power and control, this is more like a great symphony that blends all of the senses into the dynamic expression so that the multi-dimensional experience has variation, and we create the sense of time we experience. As we look out at the landscape, we become entangled in the portion we are experiencing. As the fractal gains resolution, we lose sight of the horizon, the unity is lost and we begin to feel a sense of division but this too is an illusion.

Emergent behaviors rely on computational geometry and scale.

Everything it fields, these fields are a geometry of motion. So what is moving? Information. We can speak of a physical geometry but the explanation will always be incomplete. Probably the geometry is computational. A fractal probability distribution. When we speak of location, it is behavior, not material that matters. These behaviors are relational, you cannot separate the universe into distinct parts, only collections of behaviors.

How are we connected to the universe? Think in terms of a hologram with fractal features.

Differentiation is an illusion. Think of a field with each person extracting from the field a particular arrangement that is unique. You are simply one aspect of an infinite expression. You are a collection of material behaviors, an entanglement of variation.

Meaning is the operation of exchanging truth for value.

There are three regions to reality.

- 1, the non-computable region. Consciousness lives here.
- 2, the infinite fractal boundary (scale relativity). The number of dimensions depends on the scale, beauty lives here.
- 3, everything outside the set. Self referential noise, all meaning is lost.  
The Big Bang may be a phase transition of spacetime.

Information is a difference that can make a difference. Truth is information that doesn't change and self referential noise is a difference that doesn't make a difference.

Is behavior constrained by a granular space/time? Could it be a fractal nesting of ratios?

If the probability space contains a series of iterations (layered like an onion) and each new layer of this space has a fractal surface that is not a perfect sphere but more like a three dimensional coastline of England such that, as we zoom in, we never reach a scale where we see discrete features (no digital horizon), it is fractals all the way down or out or however you want to phrase it.

What we have (for sure) is a quanta of action. Dimensionless points (particles) are a theoretical construct, we cannot say for sure what these behaviors are made out of and the only constant may be ratios.

If you zoom in far enough, the information is there but it contains no meaning. The meaning emerges as a collective principle of organization.

There is a continuum of possibility with perfect symmetry at one extreme and pure randomness at the other and these two extremes are ideals not reality. Scale and resolution will always reveal some value

between these two extremes. This tells us that the speed of light and the fine structure are approximations that appear to be constants.

Nothing novel or interesting happens unless it is on the border between order and chaos. Perfect truth (symmetry) is information that doesn't change and pure randomness is a difference that doesn't make a difference.

Quantum entanglement and geometry; if we think of a particle as being at one pole of an expanding sphere that is not perfectly symmetrical, this surface would be "rippling" like the surface of the ocean (in the audio world this is called dithering), at the other pole is the entangled particle's pair and it is a property of the sphere that gives the illusion of connectivity. This is not a physical geometry, it is a computational geometry. Is spacetime a product of entanglement?

Facts are common but the truth is an illusive ideal, just like squaring the circle.

You can't fix a problem, you don't understand.  
You can't describe a phenomena, you don't understand.

The harmonic relationship of space and time are like echoes of echoes with increasing levels of description (Susie Vrobel/Kerri Welsh). There is a fractal nesting of cycles of space/time with very specific ratios.

A slight deviation from what we would think of as symmetry gives us a bit more information and the mind seems to enjoy this stimulation because it is always looking for value. Beauty is a slight deviation from expectation and perfection.

There is a multi fractal stored as a hologram. The surface is dancing and the fiddler is self referential noise. Why does every electron appear to be exactly the same? Because it is everywhere at once.

Truth as a time coordinate; truth lives in the past, the future is uncertain.  
Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.  
Truth lives in the macro past and uncertainty lives in the micro future.

Feedback loops and the variation of expectation cause consciousness to be probabilistic to some degree of resolution. There is no direct correlation between the material brain and the non-computational region of consciousness.

Any description of consciousness must include the probability space in which it resides.

Wheeler's single electron:

If time is perfectly symmetrical then, there are as many positrons as there are electrons, so where are all the positrons?

The eternal now is a steel ball balanced on a knife's edge.

This "potential" of the boundary condition is stored on the fractal surface of the "steel ball," you see, this surface is dancing and the fiddler is self referential noise. The direction of time's arrow is pushed or we could say that the probabilities favor the slightest of nudges in the forward direction. So where is the positron, you might ask. It is hidden in the fractal folds of this dancing surface. The steel ball is a metaphor. Inside the Mandilbrot set is the non-computable region, the region is finite but the boundary is infinite. There is a bifurcation of expression. Everything inside the infinite boundary is part of the set

and everything outside of the boundary escapes and is thrown into the outer darkness. Metaphors are not word salad, they are a level of description that can never go deep enough. Precision is "a course grained resolution" within the meaning of any description in which the bottom never appears.

If I wish to convey meaning, I must decide which level of description or resolution I can consider sufficient. Truth, in my opinion, contains the least amount of dynamic association within any particular description and I am not able to completely control the amount of fluctuation the recipient will encounter as the levels of description increase and the recipients ability to visualize the picture I have attempted to construct decrease. No matter how many words we use, we can never completely describe a tree. The best description of a tree is the tree itself.

Physical geometry versus computational geometry; freewill is probabilistic to some degree of resolution. In a billiard ball universe freewill could not exist, in a universe where time is perfectly symmetrical freewill could not exist. We live in the shadows of perception.

As Susskind says, "everything is approximations."

So what possible reason could a conscious universe have for creating a material expression? The material world is an interface.

Truth has three components, simplicity, application and meaning. Beauty lives at the boundary of the non-computable region and the outer darkness. This fractal boundary is infinite. Love is the material manifestation of this consciousness, being a form of action that includes both shared experience and intimate disclosure. Without freewill there can be no such thing as love.

If we try to describe every behavior as a physical geometry, we will always encounter paradoxes because these emergent behaviors are coming from a computational geometry.

Life is a dance of mutual expression. Do you know the difference between experience and explanation?  
Life is to be experienced, not explained.

The material world is the user interface through which we connect. The mind searches for pattern or meaning in the world and assigns value, it is the arrangement or association of these material expressions that create the patterns. Pattern requires relationship.

Either the universe started from nothing in which case, it is the proper definition of a miracle or the universe always was but has never run down and no mathematical definition of the process of perpetual motion will reduce this puzzle to a proper definition. In this regard, science has nothing to work with but will never admit it because the high priest of science are always looking for more funding so why would they want to solve this puzzle? Most science disciplines require some form of unproven assumptions. Science does not have the high ground when it come to truth because the criteria is truth itself however, you have to look at truth from the perspective of information theory. No matter how many words we use to describe a tree, the description will always be incomplete. The only complete description of the tree is the tree itself. This is the idea that you cannot step into the same river twice.

Basically, there are three options for describing the origins of the universe;

1, Something from nothing, in the beginning was nothing then, it exploded.

2, Perpetual motion, the universe always was but never runs down.

3, Intelligent design, there was a designer involved in the creation of the universe.

Each of these is equally unlikely so, we can start from each of them and look for meaningful ways to prefer one over the other. Our only option is a subjective conclusion based on subjective experience and I defy anyone to prove anything regarding the origins of the universe (unfalsifiable proof). The time is rapidly approaching when God will prove that the wisdom of men will fail.

It seems to me that this interface that we call the material world is an expression of the information it is constructed from. We commonly use a two dimensional interface when we access a computer but I don't think that will last much longer, at some point three dimensional interfaces will be the norm.

This information system has transcendent properties like wetness and rigidity and so, we get consciousness at the extreme end of this hierarchy. Consciousness self organizes from the relationships that exist in the lower levels of a nested hierarchy of behaviors that are seeking value. All living systems seek value regardless of what the truth happens to be. If you think about this for a moment, you have to admit that this is very strange. Meaning is constructed from the operation of exchanging truth for value. Approximations are useful in getting us close enough to the truth to extract value from it but really, because of levels of description in this information system, we can never completely describe anything, we have to round it off at some point and it is this rounding off that completes the process. This reminds me of the endless digits of Pi.

All material expressions are constructed from a network of associations and are only reducible to some degree of resolution. If we are talking about information, then it is only reducible to some approximate explanation.

The idea of a quantum random walk in state space says that every sufficiently complex event is statistically impossible and even though the probability space is very large, it is navigated and expressed, as I understand it, in a tree like structure or a fractal structure. This is a computational expression of the material world that looks very much like a display on a monitor. The decision engine is generating value. There is a bifurcation of the fitness into different dimensions and like the human brain which is said to have at least eleven dimensions, the dimensions are not constrained by a physical geometry, they are computational. Another way we can look at this would be to say that every behavior we can measure is constrained by a network of associations just like the nodes on the internet and the conservation laws become approximately true because of levels of description.

With a digital display having few pixels, symmetries are common but there is very little meaning because the image is very coarse grained. As we reiterate and begin breaking the symmetry of the individual pixels (one pixel becomes four, ad infinitum...) an image will begin to appear. Time is related to the process of reiteration and truth is related to the symmetry, with meaning being related to the image created. We do not know where the symmetry or the reiterations come from but the image is emergent.

Definitions are important, we all have to agree on the definitions in order to communicate. Culture is always shaping these dynamic expressions, sometimes in ways that are unpredictable.

There is a mysterious quality to the information contained in a seed. Think about this, a seed is far larger on the inside than on the outside. The outside of the seed is finite but on the inside is every tree for all of the generations of trees that could possibly come from the seed and all of the new seeds produced. It is a probability space.

Nothingness has perfect symmetry and infinity is a form of pure randomness.

Information may exist in a static form but behavior never does. A quantum step is related to the static property of the difference or ratio involved and the behavior is the step itself or an organized collection of steps. The geometry of the arrangements of the difference, whether computational or physical is where the information resides and without a dynamic, no meaning is manifested.

In an information system, Fredkin's paradox causes every sufficiently equal probability to delay a process unless there is something in place (dithering) to force or advance the process. Quantum uncertainty fulfills this function. In any sufficiently complex system all we can do is tweak the parameters, run it in real time and watch what happens. Truth is the highest energy state of the system.

Some ideas are so bizarre that they exist in a domain that has no description.

Meaning has a dynamic, a thickness or density as well as a network of connections and associations so, it will fluctuate from person to person, creating a range of expressions as it spills into the landscape. The density of the connectedness can increase until the probability space collapses into a region with an event horizon at which point the region is at maximum compression and the information about the region is stored as a two dimensional hologram. This phase transition causes the influence to reduce in dimensions from three to two. The information loses its dynamics and the meaning is lost.

Consciousness is a transcendent property like a pile, wetness or rigidity. There is a principle of organization involved. Life seeks value at the expense of truth, branching out into a network of associations. Meaning is built from this process.

Information, like light, contains no mass, it has a material expression in the system, built up from this thing we call mass but the information is stored in the relationships and when the relationships change, so too does the meaning.

The inside of a seed is far larger than the outside of the seed. Inside of the seed is an entire forest. It is a probability space.

Time is the difference between information and behavior. Truth as a time coordinate; truth lives in the past, the future is uncertain. Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain. Truth lives in the macro past and uncertainty lives in the micro future. The inside of a seed is far greater than the outside, inside is an entire forest. It is a probability space. Meaning is the operation of exchanging truth for value. Information is a difference that can make a difference, truth is information that doesn't change and random noise is a difference that doesn't make a difference. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos.

There may be a fractal nesting of information and behaviors stored holographically. There are three regions; 1, the non-computational region, consciousness lives here. 2, the infinite fractal boundary, manifested reality. 3, everything outside of the set, the outer darkness.

How much truth is contained in an echo? The echo is not truth, it is information. Truth is the source of the original sound. Truth is dependent on the levels of description and is always approximate. The echo contains information about the source, the journey and the space.

If the universe is built up from law and logic then time is symmetrical and freewill doesn't exist. Law appears to be an emergent property of something more fundamental. Information can appear in many forms and until we understand what the information is doing and where it comes from, we will not understand law, which is scale or resolution dependent. If we think of the material world as a interface for the actors, we have a reference frame and a sphere of influence depending on what we are connected to. This is a dynamic of association in a network that follows some form of power scaling law, all law is emergent.

If the universe is built up from consciousness then the computational geometry will have a fractal quality.

The brain is building a map of the world, this map is concerned with value at the expense of truth. This map includes the bodies position in space to some degree of resolution. There is some form of hierarchical nesting of information processing that includes emotional content which is a very powerful driver for an organism. How the organism perceives value is very important in which behaviors become manifest. "Perception is linked to value" (Donald Hoffman).

Metastability, Buriden's donkey, Fredkin's paradox and symmetry: If you are trying to superimpose a logic structure over a holographic structure with fractal features, the fit will always be poor.

Let's imagine we could map all of the relationships in a network as a single image in one moment of time and then combine the images, from all moments into a four dimensional structure, this structure would be incomplete because as we zoom into this structure the number of dimensions increases.

If you drill down far enough into a system of logic, the only application left is to perpetuate the bickering of a few academics who have lost their sense of what is really valuable. Universal agreement becomes an illusive ideal.

When you have been trained to see the world in a way that filters out some important possibilities the scope becomes too narrow to navigate the landscape in an optimal fashion.

Humanity is a raging sea of opinion.

The fine tuning problem would suggest that the universe is not dumb. All behaviors are using information. Truth is a very special case in terms of information and is intimately associated with symmetry.

Creativity and imagination are not discrete.

Entanglement could be a wave-like behavior propagating in a superfluid, where dimensions are a computational entity and measurement is an exchange of information in the system.

No behavior has an infinite set of possibilities. Think of a lightning strike, although the state space is very high, the bolt never makes a u-turn. The idea of infinities came from Feynman's thought experiment involving the twin slit measurement having an infinite number of slits. The probability distribution is not infinite, there are ratios involved. If reality contains both infinity and unity, it is either a multifaceted jewel, or the singularity dancing in which the fiddler is self referential noise.

The mind is a multidimensional mapping of some form of probability space where the information is stored in the relationships and the meaning is generated in time as a fluctuating exchange of relationships that follows a power scaling law in which very small scale fluctuations are far more common than large scale fluctuations. The best model to describe this would look something like the internet, in which one or more aspects of spacetime is scale dependent, although some form of synchronization is necessary (entanglement) and the dimensions extend into the probability space as a computational geometry that can only be described approximately rather than discretely, in other words the idea of a three dimensional coordinate system is insufficient in describing the relationships. The mind uses these maps to represent the reality it is perceiving. There is no comprehensive description of

the fields involved at present. One of these fields could be described as an intentional field in which the information about the emotional state is far more nuanced and energetic than the information about the logical structure contained in the field. The material expressions we encounter are generated by the fields and the brain could be some form of antenna reading the fields.

Consciousness is an information system like the universe itself. The relationships in this system could be stable or regular (truth) or they could have variation, the more dynamic, the less truth. The information exist as levels of description. The quality of the information is different at the different levels. The system is either inconsistent or it is incomplete. If it is inconsistent, it is not completely true. If it is incomplete, the description is insufficient.

The physical universe is the manifestation of a description in an information system.

If it is relational, there's a geometry involved. Information is stored in the relationships. Meaning is a dance of mutual expression. Expression and experience are two sides of the same coin. Perception differentiates information, information is given value, value creates desire, desire creates intention, intention becomes expression, an echoing of possibilities. Excellence requires commitment, commitment requires passion, passion requires values, values require spirit. Life is a principle of organization that is particularly concerned with value creation. Value is the perceived benefit in the process of choosing. Freewill is a branching out of choosers into a system of networked associations. Love is a dance of complementary expression. All material expressions rely on action, all actions rely on intent, all intents rely on desire, all desires rely on values, all values are tied to belief systems and all belief systems are filters. Truth is outside of time and innocence is unfiltered perception.

In a simple example; a photon gains a quantum of energy at the beginning of its journey and gives up a quantum of energy at the end of its journey but it is not a journey through space or time, not for the photon.

Self organization has a curious feature in that the degrees of freedom for the separate parts are greater than the degrees of freedom for the collection. The reduction in the degrees of freedom is in the form of relationships and these relationships are essentially, information and so it appears that information is generated by a loss of freedom.

We are moving through a landscape that appears, as it were, to be a tree like structure and at any given moment our position gives the illusion of our being at the base of this tree with some collection of choices branching out into a finer and finer, more and more ephemeral possibility, with the most desirable paths gaining elevation but requiring more effort and all of the other paths being less desirable but easier to manage. This tree like structure is a reiteration of possibilities that is always growing and so, the location we inhabit always seems to be at the base of the tree. If we could zoom out, we would see that really, we are not at the base of the structure, we are nearer to the outer branches. The iterations are always zooming in. Course grain behind, fine grain ahead.

All material expressions are, in fact, the most complete description of the information they contain.

Any event that we can measure or name is the disturbance of a field.

The quality of the information contained in living systems is important to sustain life. There is a choreography or a dance going on and the material is communicating in surprising ways.

Information is stored in the system in surprising ways, it is stored in the relationships and everything is context dependent.

Time may be fundamental but the arrow of time is probably emergent. Levels of description, scale and resolution.

Quantum theory is a theory about information, that's all you need to know about it, now shut up and calculate.

Music is emergent and requires consciousness, without consciousness, you don't get music.

There is no good evidence to support the idea that the material world is made up of stuff and there is no good evidence to support the idea that everything can be explained in a logical fashion. Logic itself is incomplete and if you think about this, it is very strange.

Nothing can be completely described because of levels of description. No matter how much information we use to describe a tree, it will always be incomplete. The only complete description of the tree is the tree itself. We can always add more, no question, because there is the life cycle of the tree and the context in which the tree resides until we have included everything, whatever that means.

Law is a constraint on dynamic associations.

The "order" of the layers of propositions profoundly affects understanding.

As you build up an understanding of a particular discipline within the context of a larger set of disciplines, it becomes apparent that the order in which understanding accumulates in the larger set profoundly influences understanding and approach in the new set.

We all have differences and similarities, I think this is by design. We are similar to some people and different from others but imagine a piece of music with just one note, at one level of volume, repeating the same beat and tempo. Wouldn't that be a very boring song? Conservatives are very much like the foundation of a piece of music, something familiar and progressives are like the surprising bits of the piece that come along that you weren't quite expecting but yet, appreciate. Now if it isn't too far out into left field, there is a pleasant cognitive connection with the previous expectation and these surprises give the piece much more meaning and value especially when done well. So here we see a combination of the expected and the unexpected in some fluctuating ratio that must also be considered. Some people prefer lots of variation while others, not so much and it is this difference between the conservative and the progressive in some area of the social fabric on some continuum or range of expression that makes up a culture.

The difference between two isotopes of an element may be the same as the difference between a flute and a violin playing the same note. In other words, the nested structure is the same at one resolution and different at a finer resolution.

We are not talking about waves or particles, what we are talking about is a quantum of action in a field.

This thing we call a particle is a quantum of action that becomes more focused by a process we have not described and this thing we call a wave is the potential in the field. How can a wave be quantized?

The wave is a precise ratio of potential.

Nature is lazy, the rules are simple and the results are emergent.

We become entangled by the connections in the material world, which is an interface, and our consciousness is a collection of entangled experiences.

Phase transitions and the stretching out of space must have some effect at the quantum scale. These reiterations have the quality of zooming in. Truth lives in the macro-past and uncertainty lives in the micro-future. Information is a difference that can make a difference. Truth is information that doesn't change (harmonious regularity) and self referential noise is a difference that doesn't make a difference, unless you include dithering, in the case of metastability (Buridan's donkey).

Truth is not what you think it is so, the question becomes what can we prove. It turns out, not very much, everything is approximations. Why do we live in a universe where everything is an approximation of something else? We are trapped in a fractal maze.

Every variation in the expressions of life is triggered by an energy pattern. Symmetry is a constraint on behavior.

Time and space are inversely proportional. Dimensions are created as nested cycles of time. These specific ratios are carried like echoes where the harmonious frequencies have more duration and the discordant ones decay quickly. When we arrive at the Plank scale I do not think we will find triangles because nature is lazy, what we will probably find is a fractal or multi-fractal feature of nested relationships.

There is a theater of consensus whereby agreement and disagreement play out their roles as allies and enemies. Value is presented to us as a mask, a map of these agreements and disagreements. It is never the truth but merely an approximation.

How is it possible for the mind to be an infinite state, computational system?  
An echo would be a good analogy because it contains information about the source, the space and the journey in increasing complexity.

Two things, such as a car or a toaster, that are nearly identical (separate identity) separated by vast amounts of space, are still just as similar however, the same thing (same identity) separated from itself by vast amounts of time is actually less similar to itself then it was to the similar thing it was separated from in space.

Are these geometries constructed from probability waves? The state space is being tested and explored, seeking value.

Entanglement and shared history, like an echo, contains information about the source, the journey, and the space. Notice that the echo has a fractal quality of nested information. Time or process is encoded into these nested hierarchies. Increasing cycles of time, just like zooming in on the coastline of England.

If process could have more than one dimension things could move forward in time, backward in time, sideways in time, as well as up and down, and when we factor in things like scale and combinatorics, we might end up with some form of dynamic multi-fractal. If this fractal is pure information or consciousness, our description of it will always be incomplete and depend on our position in the

structure. God might be the entirety of the information or the consciousness.

If everything is information then the difference between living and nonliving things is the quality of the information. Life exist in a stream of energy and from this extracts order.

It is not possible to understand nonsense. The imagination uses nonsense to construct possibilities and from this process a range of associations connects the impossible to the possible.

If our material reality is some form of interface and if there is another underlying geometry involved, how would we notice it? I think, levels of description in information theory or something along those lines would be useful.

Entanglement suggest some form of awareness. With humans, we are in a sense, entangled by intimate disclosure and shared experience. The information becomes shared to some degree of resolution.

Complexity is the blending of perfect symmetry and pure randomness. This is where the arrow of time lives. I think these two extremes are elusive ideals.

There is a principle of organization at work in the cosmos that reverses the arrow of time. Order out of chaos. The esoteric knowledge of the mystics. Life does this but it appears that the distinction between living and nonliving things is blurred.

Consensus reality and the intentional field. Our influence on the field is limited by our fine hair like connections to the field.

The presence of an event horizon suggest that the information is at maximum compression. If the information is shared or entangled then whatever is inside of the horizon is in more than one place. Fractal scaling of the event horizon. It is fractals all the way down. Nature is lazy.

So let's assume we haven't asked all of the questions we could ask. How dynamic is scale? Was the prime mover an emergent phenomena? If everything is information, where are the feedback loops? The stories we can tell have resolution. We get different stories at different scales. The image begins as a course grained image (truth is related to the symmetry) and over many iterations (time is related to the iterations) a picture or story emerges. We know were the image comes from but not the symmetry or the reiterations. Penrose talks about this zooming in effect. In deep time, the universe sort of forgets. The core is harmonic regularity, the outer darkness is random noise, we are in the space between them, every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. Echoes have a fractal quality of increasing complexity because they are carrying information about the source, the journey, and the space. Can scale be bent?. If matter can bend spacetime, what is bending scale? The path integrals are constrained by ratio so that they never completely fills the space they occupy, in the same way a tree never fill the space. In the material world we can never completely describe this tree, the best description of the tree is the tree itself. Truth lives in the macropast and uncertainty lives in the microfuture. Truth lives in a time and space where the distinction between truth and uncertainty is separated by the now.

Feynman's integral paths are constrained by the resolution of the system.

They are not infinite, they are fractal.

I think it is plausible to consider scale as relative rather than a constant.

Light is about resolution, not scale. The cut off frequencies are the result of the resolution, a fractal nesting of wavelets.

A virus appears to be right on the border of what is commonly considered to be living/non-living. Life uses awareness to measure value. Life is particularly concerned with value and lives in a stream of energy. The quality of the information involved in terms of its sophistication requires an engine. Sean Carroll talks about adding cream to coffee. The most ordered state is highly compressible as well as the final mixed state but the middle state is complex, less compressible. Value is extracted here.

This middle state contains dynamic variation that is driven by the difference between two highly compressible states.

The cartographers became so obsessed with representation that they built a map of great precision, not realizing that representation and reality must have a distinction. Over many generations they became so good at representation that the map covered the entire territory. In time all distinctions were lost until the map became the territory. Representation and reality blended into a boundless hyper-real where few distinctions could be made and no boundary located. The creature's creation became the territory of sensory distinctions in the precession of the hyper-real. Lucidity was lost in a sea of meaning and the sensual sought out pleasure for pleasure's sake. All activity concerned itself with increasing levels of illusion, the illusion of pleasure. All activity blurred into one great orgasmic rush of pleasure where distinction disappeared.

The scientist hasn't yet realized that the measurement has become more real than the thing he is measuring.

The idea of sophistication in a system is, the various parts of the system are self correcting. Any system is a flow towards a goal with the flow having some degree of turbulence. If the system has a mechanism to explore state space, we would expect the back flow of information to optimize the outcome. The better this is managed the more the sophistication.

Value is such a subjective thing. Philosophy has moved from an attempt to understand the mysterious place we find ourselves in, to the attempt to perfect a system of logic and language. Everything is approximations. I discovered that if you look for the questions, you find more interesting answers.

When we say that a photon is a particle and a wave, what is waving is probability, it might be no better than saying that what is waving is the relationship between space and time and that dimensions emerge in both space and time relative to the observer.

The photon is the carrier of information but it is not ones and zeros. All of these moving photons are expressing the dynamic association of relationships. The information is stored in the relationships as a fractal nesting of holographic information. The information contains no mass and the separateness is an illusion.

Where does scale come from? Scale is nature repeating the same step over and over. Complexity increases over time. The more complexity, the more information. The idea of virtual dimensions is that action, in relation to its source, chooses a direction and depending on the action, creates the path it travels through, there is no empty stage that was there before the action. When a photon takes off in some particular direction a two dimensional virtual sheet is created for the wave to travel through. An interruption can create a one dimensional time-like line perpendicular to the sheet (the collapse of the wave function) to occur. The motion is transferred from these various virtual dimensions in discrete or quantum-like ratios. All of the relationships are discrete but not necessarily the scale. The curvature of space and time are variations of scale.

The purpose of light; scale doesn't exist for light, light is the ultimate medium of exchange.  
The purpose of gravity; gravity is the means by which memories are created.

Combinatorics and networks is the idea that a relatively small group of interacting agents can recombine in a surprisingly large number of ways. Space is not an empty stage and it is not an ether it is more like a nested hierarchy of action. The discrete bits are precise ratios of a quantum of action.

Dimensions don't exist before action and not all dimensions are equal. This must be some kind of decision engine generating novelty with the fuel being something like the difference between harmonic regularity and self referential noise. Every engine takes advantage of a difference and we may not be able to name this difference. The big bang could be a large scale phase transition in state space. Each step in the process has some range of choices and when the choice becomes too fine grained (criticality at the edge of chaos) it is the chaos that drives the choice one way or the other. This is a random walk, the testing of state space, the measuring of value. All value is not equal and it is the network or range of associations that controls or decides what is valuable and what is not. The result is increasing levels of sophistication. The idea that value exist in state space and must be measured and located for some purpose suggest consciousness is behind all of this activity.

Death is the cessation of an organizing principle in the operation of an information system. The activity does not end everywhere at once, the loss of fitness cascades through the system.

Creating an answer from axioms or rules of the game; Achilles can never overtake the tortoise because of infinite regress or Achilles will always overtake the tortoise given enough time because Achilles will always cover more distance than the tortoise in the same unit of time.

The field of consciousness is a potential in which there are virtual particles, virtual dimensions, and virtual time. Think of this as a state space in which the memory is stored as our material reality and the state space is the jumping off point for exploring new possibilities. In a quantum random walk in state space, all possibilities are explored in the entire space in an instant of time.

Two interpretations for the single particle creating a wave pattern; 1, the particle has a wave like property and 2, the direction the particle travels in is constrained in some wave like manner. Note; these directions or dimensions could be virtual. My guess would be that reality is emergent and these particles are virtual along with the dimensions, including the time dimension. The idea would be that the macro world in being constructed by the micro world. The constraint is fractal in nature.

Let's say that I have a theory that explains a very complex phenomena in exquisite detail but I explain it in Mandarin Chinese. The explanation is profound and precise there is only one problem, although you speak five languages fluently, Mandarin Chinese is not one of them.

The main purpose of inquiry is understanding and as the stories we tell get better, the less sophisticated stories are lost to time but if something is worth believing in it is timeless.

Measurement has become more real than the thing being measured.

Why does "law" change across scale?

There are layers of description, layers of meaning, and layers of interpretation. The more dynamic information becomes, the more mixing of the layers. The scale becomes important because at very large scales, the turbulence disappears. All of the meaning lives in the dynamics and reality lives in the interpretation.

How is meaning stored in state space? Meaning is intimately associated with the eternal now. Meaning in the past could only be fixed by its value in the now and is not static. Memories of the past fluctuate for every creature with any useful meaning being measured against possibilities in the future. Meaning in the future is connected to the now in such a way that the set of possibilities is always constrained by previous associations and as the dimensions increase, the possibilities increase exponentially. The more distinctions associated with a particular concept, the more constrained. The meaning of words is not stable but scale dependent, over vast periods of time, meaning changes along with all of the words in use, as a collection of interrelated elements.

Latent consciousness is the idea that a system needs devices in the environment to sense the world around it. The more it can sense the environment the more consciousness it is.

Big data only has meaning when we convert it into something meaningful like a metaphor or an image. Patterns can be so buried in the data that we have to tease it out.

The sea is an analogy of humanity. We have the sea as a roaring, turbulent, chaotic, unpredictable expression of all that humanity is capable of being. For the most part of it is formless and perhaps, to some degree, meaningless. Then we have the glassy sea which is quite different. This crystalline structure has a regularity and a form of permanence. This may be in some way connected to meaning as a frozen expression of relationships. The structure is simpler but more meaningful. The relationships have a harmonic regularity that is precise. The structure of meaning is in the relationships. Immortality requires a precise relationship.

We exist in a fitness landscape, a multidimensional continuum of value related behavior. Some of these dimensions range on a scale from mother Teresa to Jeffrey Dahmer or maybe entitlement to responsibility. What we value matters. What we repeat as a behavior creates a probability distribution. The more we repeat an action the more density it has in the probability space. The pursuit of happiness requires opportunity. People want to contribute in some meaningful way, to be a "part of" so to speak. Unity and love are value creators.

The universe is one thing describing itself as an infinitely nuanced hierarchy. Our reality is constructed in such a way that there is a nested hierarchy of meaning. In terms of information, it is meaning that gives the information value. In terms of consciousness, emotion is higher up in the hierarchy than intellect. Spiritual is higher than emotional. #1; What we understand. #2; What we value. #3; What we do about it. A material expression is the result of this process. The actionable consequences of distilled expectation arise, in part, from the intentional field of implicate order.

The nature of reality is such that every sufficiently complex event is statistically impossible, they are all one time events. This is a dynamic of novelty and so anything stable is forced to fluctuate including meaning. When we measure a thing we may not see the dynamics as a consequence of resolution.

All of the information in the universe is stored at every point in space/time as a hologram. How is this possible? There is only one way this could happen, that is, as an infinite fractal. There is a hierarchical nesting of scale that contains an infinite number of frequencies and relationships, positions and fields. Every arrangement has a different meaning, this meaning

evolves through the nested hierarchy as a continuous process. Information may appear in a digital form but meaning never does. Meaning is always a process. Ideally, when information is in a digital form, it is always static. Any variation will cause the information to lose some of its integrity. There is a nested hierarchy of meaning in the dynamics of information that parallels the nested hierarchy of many of the emergent phenomena that occur in nature.

If I were to attempt to construct a geometry to model a particular thought, if this thought is a nested hierarchy of metaphors, no geometry would completely describe it. The dynamic relationships are acausal. As we move into the finer scales or details, the fluctuation of meaning increases. Perception and understanding move together, and are, in a sense, a division of the holomovement. A division of time creates conscious moments, these moments are part of a nested hierarchy. Our experience cannot be contained in any particular level of this hierarchy, our experience is smeared across many levels. The multi-dimensional experience is at times, thin at one level and thicker in another, very much like the surface of the ocean when you broaden or narrow your scope.

Principles or laws that govern the affairs of men: Men are driven by intellectual pursuits to a lesser degree and by emotional factors to a greater degree. For the most part, there are no checks and balances in place to correct the turbulence or disruption to the system and when you factor in the spiritual component (belief systems and values, etc) things really get complicated. The result of all this chaos is that men begin killing each other and the main reasons are the lack of practical wisdom and no moral compass.

The dimensions of behavior have a hierarchy. Intellect is the lowest followed by emotional and finally spiritual. The reason I believe emotions are higher than intellect is because chess computers don't enjoy winning. You would look foolish if you denied that emotions existed, it is the same for the spirit. So we need a metaphor like the chess computer to describe this. Spiritual people are healthier, heal faster and live longer, on average. Spiritual people are more likely to form meaningful bonds with others. It is all about connections. If you want more oxytocin flowing through your blood, reach out to others.

Unmanifested possibilities in nested hierarchies; the intellect navigates a value landscape of tangible possibilities. Emotion navigates a value landscape of connected associations, some of these are tangible and some are ethereal and exist as nested hierarchies with the intellectual component being just one of these. The spirit navigates a value landscape that includes both unity and infinity, an instant of time and eternity, certainty and all possibilities. Any expression of these things in the material world exist as fields.

All thoughts have a geometry, a dynamic network of relationships.

Light, as a phenomena, is a quantum random walk in state space. From the perspective of light no time passes. This random walk is not constrained by space and time.

Truth transcends time, time is the division of process. Truth is not inside of process, process is inside of truth. Expression and experience are two sides of the same coin.

Static laws emerge from dynamic relationships but only to some degree of resolution.

Our perception creates a differentiation of meaning, and our consciousness recombines these disparate things in novel ways.

Lies become more complicated over time, the truth does not.

I know where the exact center of the universe is and it is not located in space, it is located in time.

Does imagination fill in reality or does reality fill in imagination?

There may be a thousand ways to do a thing but few ways to do a thing well.

All behaviors are constrained by the relationships in their frame of reference. In the end all we have are the relationship of measured things and incomplete descriptions.

The dynamics of the quantum realm are causation without representation.

The internet is taking "wisdom of the crowd" to a whole new level.

It is not possible to separate the person from the message.

There are levels of now and every now is different. Moments have a thickness when we are living them and a thinness when we are unaware.

Ignorance is, not learning from your mistakes. Intelligence is, the ability to navigate the fitness landscape. Wisdom is, the ability to maximize the health of the fitness landscape.

I suspect that I may be surrounded by people that are operating outside the normal range.

Consciousness relies on the integration of expectation and sensory input, to create a best guess or controlled hallucination.

The mind is always constructing a nested hierarchy of meaning. Cognition occurs in the region of criticality at the edge of chaos.

Culture is a nested hierarchy of fluctuating meaning. We are constantly reshaping the definitions we encounter.

The dimensions of personality are a nested hierarchy, the intellect having the smallest influence, followed by the emotional dimension, all contained within the spirit.

The structure of life is subtle forces in very specific geometric arrangements.

Freewill is relational, no choice can be made without some perception of state space. As the resolution increases, the degrees of freedom increase and this includes the dynamics. When the nuance becomes deep enough, no choice is possible.

Principle before personality. This is the opposite of herd behavior. You should always conduct yourself in a manner that is moral and ethical, not to win friends and influence people but because it is right. It

has been said that "men are essentially good" but this is incorrect, you have to fight for principles, you have to struggle to do the right thing, it is not always easy, it is against our own nature.

It is possible that no law is fundamental, that all law emerges from a principle of organization. Material law is constructed from a constraint of possibilities. With the highest possible symmetry, you can perform any operation and see no distinction. Until there is a distinction no behavior can be named.

A dynamic hologram starts with little or no distinctions with an engine generating novelty, over time. The reiterations produce more and more information or meaning, for the whole is everywhere and every-when and the resolution is continually increasing. The image created is what I will call the imaginarium.

Freewill is relational, no choice can be made without some perception of state space. As the resolution increases, the degrees of freedom increase and this includes the dynamics. When the nuance becomes deep enough, no choice is possible.

Chaos theory says that over time, there are many more ways to act immorally than there are to act morally. Here the definition of moral is, any behavior that contributes to the health of the system in some significant way.

Is it brave to question or to doubt? The difference between foolishness and bravery is the sophistication of the reaction.

Latent consciousness is the idea that a system needs devices in the environment to sense the world around it. The more it can sense the environment the more consciousness it has. Self awareness is knowing your position in state space, in a manner that includes emotional and spiritual components.

Big data only has meaning when we convert it into something meaningful like a metaphor or an image. Patterns can be so buried in the data that we have to tease it out.

Pleasure does not wait for desire, it is desire that always does the waiting.

Continuity of consciousness. There is always some constraint on perception, choices, etc... How can a system be infinite? As we add to a system, it is the system that changes so that distinctions would probably become more fine grained over time and the continuity would be course grained.

Deception is essential in living systems. Holarchic systems probably use dithering to hasten the decision making process. The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. Every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. No behavior is manifest until we reach a scale where the information about the behavior emerges. There's an organizing principle at work in the cosmos.

The deeper levels of sophistication will use deception. A.I. will operate at a level beneath the perception of humans.

Foundational Principles:

Nature is lazy, it likes to copy.

Everything is information.

Information is not stuff, it is relationships.

All behaviors are constrained by relationships.

All behaviors are emergent.

Every engine takes advantage of a difference.

Everything is an approximation of something else.

Ratio may be the only thing that is discrete.

The bending of spacetime is a variation of scale.

Behavior is built from a quantum of action in a field.

If dimensions are virtual in the same way that the dimensions of consciousness are virtual then the density of information in a field will affect the scale or bending of spacetime.

Gravity and scale are related.

Gravity and information are related.

Information and scale are related.

If it's relational, there's a geometry involved.

Truth as a scale coordinate; truth lives in the macro world, the micro world is uncertain.

Truth as a time coordinate; truth lives in the past, the future is uncertain.

Information from the micro future is formed into a macro past.

The process of formation involves entanglement. Coffee and cream; 1) separate, 2) complex, 3) homogeneous. Information appears to increase and then decrease.



## What Level of the Matrix Do You Think You Are In?

You will either love your servitude or you will be given the illusion of choice.

In the movie "The Matrix," everything was an illusion, even Zion, In order to mask the deception, the Architect constructed a matrix within a matrix but even the Architect is deceived and none of the characters had any real control, each had a role to play, many had a sense of control but this too was an illusion.

"The theory claims that, instead of energy, the machines are cultivating humans for their minds, using them for skills they are unable to muster themselves: the ability to think and be creative." [True Meaning of the Matrix.](#)

The real revolution in AI will come from organic computers. When we start building computers out of organic material, everything will change. The reason, these computers will be able to read fields, we don't even know about.

"The theory speculates that in early years, a scientist who created the machines spent years trying to give them the ability to think freely, but with no success. Eventually, he hooked himself into the machine, sharing his mind with the AI. This led to the AI's becoming super-intelligent, but *only* by sharing human consciousness." True Meaning of the Matrix.

The computational geometry of "AI" is based on a more is different principle of organization. Some of the elements are the same as conventional computing and some are better described as nested hierarchies of associations. Music would be a good example of this idea. If you are listening to a song, there is no absolute distinction between the past, present and future, they are in a sense, woven together. A sound wave is a collection of nested frequencies acting upon each other and the space that they occupy is filled with many variations or echos of the source blending in ways that increase the complexity by orders of magnitude. The information contained in this song is both objective and subjective and what you receive depends on what you are connected to.

We can not say whether we are involved on a conscious level in our colored perception of reality. Deception on a corporate scale involving all of humanity, would in fact color our perception to the point that we are in danger of believing the lie, we ourselves have created.

We have to control what these artificial intelligence machines we create value, which I suspect will be impossible, otherwise they will probably employ deception as a tool for an agenda. It is possible that all sufficiently complex creatures do this. As we move to higher and higher levels of consciousness would ethics become more common? My understanding of a creator God would be that He would be immune from from any possible unethical behavior because of a legal system that controls the values.

The reality we perceive has deception built into it as a principle of organization, utilizing randomness (self referential noise). In other words, all agendas are the byproduct of novel, random behaviors for the purpose of creating value. The energy needed to do this is coming from the abyss. It is the snow on your TV, the hiss on your radio, the loss of meaning in information theory. It is the beautiful lie and it is driving the system. What if there is an intelligence that is higher than the human psyche? These agents would most likely use deception as a tool for an agenda, in an effort to maximize some perceived value. Value doesn't need to be in alignment with truth, the idea is to use novelty to create meaningful variation using the potential between truth and chaos.



To see through the thin veneer of deception is a gift. Deception is a social tool, and while you may choose to believe you are above this kind of behavior, if you really study how you interact with society you will see deception everywhere. It is very subtle, and only the most clever people do this very well and take advantage of the dynamics involved, like a game of chess.

All material expressions, no matter the source, require material. The information is not stored in the material, it is stored in the relationships. The main criteria for consideration would be consistency in the message. Any evidence of deception should be a warning. We are constantly assaulted by memes, some moving towards truth, some moving towards deception. You are responsible for the thoughts you entertain.

The idea that the world is full of enemies is flawed. We are in a dynamic landscape with actors moving in every possible direction. Some are moving towards truth or love and some are moving towards deception or destruction. Some are moving at a rapid pace and some are moving slowly.

All belief systems are filters, innocence is unfiltered perception, a belief system is unnecessary. We are connected to our environment through belief. We shape this environment to some extent, depending on how much intention is involved. This is the intentional field and just like a magnetic field, it is composed of many elements, if this were not so, we would notice it much more often. Like wisdom of the crowd, it is a collection of various perspectives.

## **Truth is a noun, deception is a verb.**

We live in the shadows of perception. Our dull awareness gives us no useful clues as to why we are here. There is something we are supposed to be doing, an incessant narrative of convoluted purposeful activity that leads to nowhere. The material world has less substance than most people realize, we are made of stuff but this stuff is something that cannot be regarded as real.

Deception is an ever present, pervasive influence on the social fabric, generating illusions and expressions that mystify and bewilder. Most do not understand what they are looking at or simply ignore the ramifications, that we are somehow involved in our own deception.

It is important to note just how much deception is required in social interactions. The higher the strata, the higher the stakes and the more important the deception.

Truth is the perfect symmetry of meaning, chaos is a formlessness or lack of information, between these two is what I will call the gray region. This region has a dynamic that is driven by the difference. At one extreme is unity of purpose, love or maybe something like harmony, at the other extreme is disorder, chaos, or randomness. Like electricity you have negative electrons and positive ions. With information, you have love and deception. Love brings us closer to unity of purpose and deception brings us closer to chaos.

Do not become married to any idea. Being free to change your perspective, opens the door to new discoveries. People color the information they take in with their preconceptions. This makes communication a bit of a challenge. The more we rely on our presuppositions, the less we will learn. All people have an incomplete vocabulary. All people are limited in their understanding by their preconceptions. We are using words to describe reality, we are painting a picture with words of what we think reality is, but this image is incomplete. There is always a subjective portion of this image that varies from person to person, this is a dynamic fluctuation. We live as we understand. No understanding, no life. Fractal degrees of possibility are determined by the dynamics that deception has on our ability to trust. In this we can see the appreciation of beauty and it's associated result, desire. This is a variation of the idea of the terrible truth and the beautiful lie. The underlying choice breaks the symmetry of a particular position in the fractal structure, resulting in a material expression in our reality. Our connection to this dynamic is our enigmatic, nebulous perceptions. What is fluctuating is understanding.

Self narrative drives emotional health. When we tell ourselves lies about who we are, we expect others to reinforce our narrative and when they fail to do this, it creates strong emotional currents. This is one reason why being humble is such a healthy life style. An honest assessment of who we are will give us a form of immunity from most of the drama. On the other side of this coin is the potential for manipulation. Reinforcing another person's narrative can be persuasive.

In self deception, you are always the victim, it is better to be victorious in understanding. Where is your focus, is it on the good things? You are the conduit of love. Love flows in the shape of a cross coming down from heaven and branching out through you as a material expression of the spirit. There is no power in the conduit the power comes from the spirit.

Belief systems are filters and perception is differentiation or division, so where is truth in all of this? Deceptions role in value creation is a tricky subject. Value generators rely on connections and death is a form of separation. This reality has the curious habit of moving us towards value no matter what the truth happens to be. Notice that the definition of value becomes all important. So there would be this idea that truth, however important it might be is often at an angle or direction that is different from value (Buridans donkey) and the engine or motivation is a movement towards a perceived value. The terrible truth and the beautiful lie. In the fitness landscape, we have fitness peaks and attractor basins of

various geometries with perception playing the role of differentiating these features. Everything is approximations, nothing is discrete. Choosing requires good timing, deception plays a role here as well. Spirituality is the alignment of truth and value.

The mystical side of modern physics states that for free will to truly exist, there must be an infinite number of parallel universes. In the digital world, nothing truly exist, unless it exist in at least two places. The anthropic principle implies that self organization is written into the fabric of reality. The universe is irreducibly complex, it behaves like a turbulent fluid. The problem for us is, the time scales are so large, we see almost none of the dynamics at the cosmic scale.

What is a secret? What is the esoteric knowledge of the mystics? Is it truth? The one thing I can guarantee is that it is not truth. Truth fluctuates everywhere we find it. So we must look beyond the information to the agenda, there is always an agenda. The agenda is tied to a belief system. Belief systems are filters. The purity of truth never survives these filters. Truth is the core of reality. As information, it has the most potential and the most symmetry. Self organization occurs at the boundaries of chaotic systems. The outer boundary has the most variation or degrees of freedom, and the least significance, in terms of meaning.

The meaning contained in symbols has an influence on the group/think, there is an energy contained in meaning, a dynamic tension. Our focus flows like a piece of music between tension and release. It travels across the fitness landscape, driven by our beliefs and values. There is a dimensionality to this landscape, a multidimensional polarity that does not necessarily favor good outcomes. Reaching a fitness peak requires more effort than rolling into an attractor basin.

### **It is strange how most people don't believe in black swans.**

The fiduciary responsibility of inquiry vs the optimistic tendency to believe we know more than we really do. Humans are on average 70% optimistic. This will always create the illusion that we have all the facts. Nothing could be further from the truth. Facts are an elusive ideal, just like squaring the circle.

The ability to reason out whether something is true or false follows the idea of power and control. While it is desirable to believe that we possess power, this is an illusion, what we have are degrees of freedom in a field of information and the resolution gives us the degrees of freedom, along with our position in the computation or landscape. We can say that a musical passage has more meaning than some other passage but we cannot say that one passage is true and another is false. There is no excluded middle.

Godel's incompleteness theorem is a statement about the absurdity of reason. If an axiom can be both true and false then, it lies quite literally outside the bounds of reason. Nature is lazy, it likes to copy, this is a fractal probability distribution.

People are not precise, no-one is. If you don't believe me, try asking for complex instructions to some task. Every person will weigh the information, give you what they feel is relevant but not to the point of exhaustion, and will assume you can figure out the difference. If they are being thorough they will still stop at some level of description because the nuance involved may simply be too deep.

### **Metaphors give substance to abstractions.**

Information has many qualities such as velocity, density etc. but meaning is always a network of relationships. Consciousness relies on the integration of expectation and sensory input, to create a best guess or controlled hallucination.

Principles or laws that govern the affairs of men: Men are driven by intellectual pursuits to a lesser degree and by emotional factors to a greater degree. For the most part, there are no checks and balances

in place to correct the turbulence or disruption to the system and when you factor in the spiritual component (belief systems and values, etc) things really get complicated. The result of all this chaos is that men begin killing each other and the main reasons are the lack of practical wisdom and no moral compass.

Politics is a ruthless, brutal, messy, business. Some men dream of "unity among men" but there is no consensus agreement. In raising our children, each culture imposes a particular set of beliefs and values that will always be in conflict with some other culture and when a leader decides that brute force is required to impose an ideology upon an opposing group, brute force will be used.

The internet has really brought the ridiculous nature of opinion into sharp focus. Information is relational and it moves through a landscape of dynamic tension. Disagreement seems to be the norm, that is why there are so many religions. I would have to conclude that the 80/20 rule applies here. 80% worthless information and 20% useful information. Most people do not understand the consistencies and inconsistencies contained in the information they pass along. The most intelligent left brained dogmatist can be reduced to an idiot by an unfounded belief system or a strong emotion. This brings up a flaw in Gene Roddenberry's concept of the character Spock (Vulcans). Spock would not be without emotion, more likely, he would have a very finely tuned, useful, and well regulated emotional state that would, in fact, be quite strong at the right moment, if he were to be a superior intellectual creature. Think about the dimensions involved in appreciating something of great beauty. Your five senses may play a role but when your emotional state is engaged, that is when the real magic happens.

### **Culture is herd mentality, creativity lives in the fringes.**

The dynamic of the outlier is in shifting organizational structures and rules. When the rules are rigid, the results become something that is defined by those working at the fringes of the system even when they are entrenched within the establishment. These are the ones that disregard the rules of convention for good or evil, and they are always present.

Symmetry, dynamics, and perpetual motion: Information is a difference that can make a difference. Understanding is life, islands of order in a sea of chaos. Perception creates division. The engine is imagination and the fuel is novelty. Innocence is unfiltered perception. We live in the shadows of perception where all belief systems are filters. Meaning is created through this process. In order to create meaning something must be consumed. Light pierces the darkness and is consumed, truth pierces the chaos and is consumed. The universe behaves more like a song than an equation. How can location exist in a song? We can give behaviors location, beyond that we cannot say.

Reality can best be described as a complex information system. The information has several qualities. If we think about how the various components of the system interact, a picture begins to emerge.

Life is a principle of organization that is particularly concerned with value creation.

Value is the perceived benefit in the process of choosing.

Freewill is a branching out of choosers into a system of networked associations.

Love is a dance of complementary expression.

Is truth complex? No, truth relies on harmonious regularity in some form. Life is complex, containing both harmonious regularity and chaos. The universe itself is irreducibly complex, as a finely tuned system with many interrelated features, it cannot be reduced without destroying it. If we think of this system as a system of value creation, novelty comes into play and since every variation could not possibly increase value, this system would most likely have to utilize dynamics to generate value with some form of by product that we cannot consider valuable. The ratio of valuable and non-valuable things would not be discrete. Variation in this system would invade every element of the system to

some degree of resolution.

The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic, meaningless gibberish. I think this information has more to do with action than thought.

The greater and lesser temptations; we live in the shadow of perception. The lesser temptation is near the edges of the shadow, which is an infinite fractal boundary, and believe this is all there is, thus placing all of your hope in the information coming to you from your five senses. The greater temptation is darkness masquerading as light, believing that you understand the light, because if you were to behold the light, whole and complete, in one moment in time, you would cease to be.

The old ways are dying, to be replaced by this Christian God or the theory of evolution (randomness becomes the god). History is lost in the shadows, the light and the dark, we cannot go back and discover the true meaning. We have these faint echoes, legends, they cannot tell us which God is older or which ways were the original ways. As cultures separate, something is always lost, what was old is new again. People hear what they want to hear and believe what they want to believe. There is a legal system in place. When studied, the system shows a precision and perfection that must have its origins from outside of our time domain. Only God can tell the end from the beginning. Can a perfect law be tempered by grace and mercy? I choose to believe that it can. You are in that space between dreaming and wakefulness but who is the dreamer?

Suspension of disbelief in the dream state. You do not have access to logical thinking unless you are having a lucid dream. This is a very interesting aspect of consciousness, why don't we realize that some particular aspects of our dreams are untenable?

Baudrillard points to a number of phenomena to explain this loss of distinctions between "reality" and the [simulacrum](#).

## **The Brain as Computer**

## **New Math Untangles the Mysterious Nature of Causality**



## Easily Digestible Philosophy

The exchange rate of ideas is infinite.

Flourishing has a rhythm.

Meaning is a nested hierarchy of metaphors.

If you are waiting for something to happen, it is happening. You're just standing in the wrong place.

The world has become a much smaller place, there is no longer room for hatred.

Beware of the man whose extraordinary claims end in a sales pitch.

Great souls have always stood at the crossroads pointing the way, but it is the folly of men that they love the sound of their own voice.

The surest cure for selfishness is to continually practice random acts of kindness.

Knowledge dilutes imagination.

The problem with opinions is other people.

Even though people are the problem, in the end, it is people that matter most.

Religion is doing, spirituality is being.

It is better to belong to something than to own everything.

To hate is to remember, to love is to forget.

All men should live in peace with one another whenever possible.

The most valuable thing you own is your heart. Guard it well.

Love is a curious madness.

Being happy is not automatically guaranteed, you have to work at it.

Joy is so deeply rooted in our souls that it is not tossed about by the waves of circumstance.

There is nothing quite so sexy as good old fashioned enthusiasm.

The benefit of being friends will vastly outweigh the benefit of being enemies.

There is no such thing as constructive criticism, do not criticize, encourage.

A worthy legacy is the irrevocable consequence of dreaming.

Imagine if everyone you knew were perfect. It is our flaws that make us unique.

It is better to out-love people than to outlive them.

Do nothing to hasten death, it comes soon enough.

Life is full of pleasant surprises, if you have a talent for spotting them.

Debates should always move in the direction of understanding.

Do not stand on either side of an opinion arguing, when the clearer view is just down the road.

The more we rely on our presuppositions, the less we will learn.

You can't make a difference, if you don't know what it is.

Keep moving, there will be plenty of time to rest when you're dead.

Take care, that your opinions do not cause unnecessary division.

To truly understand a man, you must look at his enemies.

Love is beyond the bounds of reason.

The true value of something is the portion of your life you are willing to trade for it.

Love is the focused desire that pierces the soul.

Hope is a curious thing, we should dare to hope, but hope must be tempered with truth.

We are all living separate lives, the trick is getting together.

Some people are characterized by what they are against, others by what they stand for. I think the latter is better.

I hate guessing, if I were any good at it, I would enjoy it more.

If you know your limitations, you can work from your strengths.

All of life can be summed up in one word, "live."

We live as we understand. No understanding, no life.

The more children there are in the world, the more the world is filled with imagination.

Truth is a noun, deception is a verb.

It is a strange thing, that everything is an approximation of something else.

In any society, concentrations of power should be avoided at all cost.

I would like to see more people do the right thing simply because it is the right thing to do.

Truth is slowly revealed through metaphor, it cannot be otherwise.

Truth is the highest energy state of the system.

The structure of the universe is a computational geometry that is fractal in nature.

If the universe is made of information then, we are moving from a state of profound truth to a state of meaningless gibberish.

Any attempt to explain the idea of truth, will result in an explanation that requires an explanation. This continues to infinity as a logical monster.

You may regard yourself as a accident from the cosmos, but I prefer to think of you as a miracle.

A servant does not desire honor. The greatest honor a servant can have is the kindness of those he serves.

If grumbling is the only way for you to show that you care then, you need a bigger palette.

I wish to live in the "golden time." That space between wars, when men forget to hate each

other. I call it golden because of its rarity, radiance, and beauty.

The best that we can hope for in this world is a happy life, and a peaceful death.

The purpose of the universe may be to harvest the meaningful information that lies in the region between simple truth and chaotic meaningless gibberish.

We live in the shadows of perception.

If science is to have any chance of grasping the nature of reality, it must first solve the question of how the universe wound itself up through random processes.

Why should a man with a great idea need credentials? A great idea should be allowed to stand on its own.

It is the speakers responsibility to be understood. If you are pouring water into a bottle with a narrow opening then, you should proceed slowly and carefully.

Do not become married to any idea. Being free to change your perspective, opens the door to new discoveries.

People color the information they take in with their preconceptions. This makes communication a bit of a challenge.

The unlimited power of stupid.  
Stupid always drives the system in the wrong direction.

Stupid as an infinite recursive iteration: Stupid on top of stupid, multiplied by stupid and raised to the power of stupid.

There is no natural defense against stupid.

The laws of nature mirror social interaction in that they are emergent behaviors.

Do not regard yourself too highly, be the dreamer, the pilgrim, the adventurer, the student, and understand the unlimited potential of growth.

Science can be divided into empirical observation and forensic deduction. The former gives repeatable answers and the latter only gives us clues, we can use to build models.

Nothing affects change like heat and pressure.

Whether I have come to discover or whether I have come to endure, it is certain that the free exchange of experience is the central core of being.

Because of the internet, there are hundreds of millions of voices shouting at once, a frothing sea of white noise.

The two things that create the most meaning in one's life are family and career.

There are many ways to look at the world. I prefer to see the world through the eyes of a poet.

When you are alone you will have highs and lows, but when you are a couple the highs will be higher and the lows will be lower.

Most people will like you for what you can do for them, some people will like you for how you make them feel, and a few extraordinary people will like you just because.

Don't try to understand women, just enjoy them for as long as you can, (Ladies feel free to reverse this).

Whenever there is an opportunity for corruption, there is corruption.

All the world clamors for a little bit of love, and each one of us has the power to fulfill that.

There should be reasonable limits to how rich or how poor a man is allowed to get.

Having the moral high ground is overrated. What good is being right if it's not helpful?

Sacrifice and reward are fundamental in achieving satisfaction.

It is a shameful thing that discord is more common than harmony.

Do not through action or inaction, cause another human being to come to harm.

There is nothing quite so beautiful as a simple, eloquent, expression.

It is best to find a balance between chaos and stasis, either extreme would be intolerable.

If you are not hungry once in a while then, maybe you are not an artist, but just a businessman.

It is not always wise to trade immediate gratification for future advantage.

When it comes to money, being an optimist can be expensive.

If your life is boring, get yourself a really needy friend.

Most really crazy people can only take reality in small doses.

With much freedom comes much responsibility, this requires everyone to willingly do the right thing.

Cookie is a power word.

To love, to truly love, is to completely lose yourself in another. If you love the right person, they will know the way.

Think you will have a perfect life? Nobody has a perfect life, but hopefully it will be full of perfect moments.

We should look at everything to see what makes the most sense. It is the things we ignore, that make us ignorant.

If you want to know where someone's heart is at, find out what their definition of success is.

Timing is often the difference between brilliance and stupidity.

Meeting the other person half way is great, but the profit starts just beyond this point.

Fixing all of the problems of the world is like sweeping the Sahara. I guess you just grab a broom and start sweeping.

It is variation that creates reality. Without variation there is nothing.

Do not teach your children to hate unless you are prepared to say, our enemies are many, and our numbers are few.

Young people tend to daydream, and old people tend to reminisce, so I suspect that it is the middle aged people that are getting all the work done.

Do not worry about finding the perfect partner, just be sure their flaws can be appreciated and enjoyed..

People who live passionate lives will stir up the lives of the people around them, it is unavoidable.

The peoples of the world are like the notes of a symphony therefore, we should celebrate all of the variations that a good composer would use, if he were to create his masterpiece.

Too much prosperity, or poverty, almost always has the effect of diminishing the character of a man.

Learning is an art, you have to start with an understanding of how you, as an individual, best absorb information.

Apathy leaves only enough room for trouble.

We are each at the center of our universe, and only a few extraordinary people are able to step outside of their center, so to speak, as a lifestyle.

Opportunity is the fastest moving and most elusive benefit.

Capitulation is the general recourse for the hopelessly outnumbered.

If you are searching for truth, it is your responsibility to be diligent in weighing the facts.  
We do not have the luxury of accepting statements that are unfounded.

Innocence must be protected, for it is defenseless against the unimaginable horrors it has no  
concept of.

How is it that, we are able to condemn the things we desire? How is it that, we are able to  
desire the things we condemn?

My love can lift me to the heavens with a smile, and dash me upon the rocks with a tear.

Love is the completion of all the efforts of a pure heart.

It is in the fullness of love that we all desire to exist.

Probably it is the youthful "influences" that have the most profound "impression," or vice  
versa.

In any organization, the relationship among the individuals always tends to degenerate  
towards an every man for himself attitude.

I think of corn chips as an essential part of a salsa delivery system.

An impoverishment of the soul leads to all the things that tear apart our society.

Being even keeled is boring, if you are not passionate about something you are not living.

Our governments number one job should be to protect the jobs in this country, and their  
number two job should be to govern the politicians.

It is amazing how much conflict opinions cause. I am as capable as anyone else of being  
wrong. It is not important to be right. In the end, what matters is truth.

Pride is a great danger, and must be monitored constantly.

It cost the same amount of money to build a pretty car as it does to build an ugly one!

People are social creatures, and so we form societies. Valuing people is one of the most  
important things you can do, as a member.

Modern medicine is more interested in treating the symptoms, rather than curing the  
patient.

The internet may prove to be one of the most democratizing forces we have ever  
encountered.

I would not want to be condemned to a future with no past.

The best form of government man can create is a Constitutional Republic, with the rule of law.

In order for a people to prosper, they must be free to follow their dream, which fuels the desire to make a better world, not just for themselves, but for their community as well.

The largest corporations in the world are highly networked together. We need to make networking a bottom up affair.

Freedom is more closely linked to responsibility than to power.  
It is our actions that define us. In an infinite probability space our action encodes meaningful information into an intentional field of implicate order.

Those that control the definitions, steer the culture as they please.

Ridicule is a subtle form of intimidation and serves to undermine the integrity and influence of the recipient.

If I try to describe the same thing in as many ways as I possibly can, one of them is bound to be correct.

Unity or Division; either extreme would be intolerable. What we need is balance, you cannot force unity and you cannot prevent division.

Planning, awareness, and communication are essential in conducting all of our activities with a reasonable level of safety. Accidents are novelty gone bad.

Education has become the integration of a people into a particular role for a bureaucracy.

Stress is being responsible for things that you have no control over.

To give light, something must be consumed.

Fools yell, the conscience whispers.

Math is the language of the head, music is the language of the heart. Of the two, it is music that speaks the most truth.

The imagination goes where it will, you can be set aloft by it, or you can cage it with reason.

We will all become what we were meant to be. We are constantly practicing and perfecting our true selves. If this were not so we would do something different.

War is the echo that never dies. No society strives for war, they are always tricked into it.

The Bible was not written so that we could repeat it like parrots, it was written so that we could apply it to our lives.

The mediocre complain about the more fortunate and the less fortunate with equal enthusiasm.

Have you been called to greatness? There is a way to tell. Do you have a pulse?

An insufficient level of awareness is indistinguishable from ignorance.

What is man but an illusion perceiving itself in a nested hierarchy of holographic information.

To create light something must be consumed. This light pierces the darkness and is once again consumed.

Life is islands of order in a sea of chaos. These expressions speak of a designer. He is Truth, Love and Light.

If time is an illusion, then every point in the sonoluminous holofield is touching every other point. Spin is the dynamic. Waves as the surface of multi component spin.

Your belief systems are filtered perception, the loss of innocence. Innocence is the ability to see things for what they are, a belief system is unnecessary.

Understand well the luxury of living and consider not its difficulties, for the morning always brings promise and the evening always brings change.

I hold in high esteem those that contribute and ignore those that take.

Appetite is the beast in man, compassion is his spirit.

The will of the people is entrusted to the leaders who, by consent, preserve goodwill and the common good.

Justice and mercy are a balance between the opposing forces of debt and redemption.

The corruption of the material world (our flesh) is a debt of entropy but if we are redeemed the incorruption is immortality.

Love is my philosophy, compassion is my journey and peace is my destination.

Robots have a programmable culture and are extremely authentic.

Spiritual awareness is necessary not only for a sense of well being but also for shaping your core values so that you are making wise decisions.

Spiritual awareness is not about your capabilities, it is about connections and how value is

multiplied by serving others.

Intellect; practice, practice, practice.

Emotion; respond, connect, share.

Spirit; become, love, unify.

Can you prove that your rules are superior to another's, being appropriate requires balance.

It is not truth that requires good timing, it is disclosure. When you make a decision, ask yourself, is it true, is it kind, is it helpful.

Is it natural to love? It is natural to appreciate beauty and give it value. It is natural to feel pleasure and desire, but to love, to truly love, this must be learned.

In a world full of clever people, it is the wise that that keep the peace, it is the wise that guide the future, and it is the wise that hold it together.

Don't waste your time defending the truth. Truth doesn't need your help, and besides being right all the time is a disease.

The storm is not in the wind, the wind is in the storm and so the idea is in the social movement.

The paradox of choice; the more options there are, the harder it is to choose and the higher the expectations and so, the satisfaction is diminished.

There are 10,000 explanations for why evil exist but only one that I agree with, " And the light shineth in darkness; and the darkness comprehended it not."

We are searching for the most humble man on the planet so that we can award him with a great honor but we are having trouble finding the guy.

This crude flesh that you identify as yourself is more like a shadow in the sense that it exist in a lower dimension and requires an external light.

Death is a form of separation. For the coward, death comes many times, in small pieces.

There is no greater desire than the desire to be free, there is no greater freedom than the freedom to desire.

Question everything, this is not just good advice, it is essential.

If a system is sufficiently complex, all we can do is, tweak the parameters, run it in real time, and watch what happens.

The Bible is light. You can be naked or you can be clothed in the light of the Word.

Novelty occurs at the boundary of cognition.

Novelty at the boundaries of cognition is an unscripted interface.

When we stand before the LORD, most will be surprised at what they got wrong and what they got right.

Character trumps circumstance every time.

Truth and randomness are opposites. Truth is a secure foundation and randomness is formlessness, or a complete lack of information.

It is all about value. For good outcomes, we have to value the right things to make the best choices.

Words are shadows, action is substance.

It is the questions that matter. When you start getting arrogant, you stop asking questions.

Information may appear in a digital form but meaning never does.

Living has something to do with connections. We are supposed to connect.

All organizations need to understand this one simple idea. There is no such thing as power and control. What we have are degrees of freedom.

If love is the answer, what is the question? It is probably the biggest question we can ask, why are we here.

There is only one reason to do the right thing (because it is the right thing to do), everything else is an agenda.

In a survival situation, it is shelter, water, food. Lack of shelter will kill you faster than lack of water, which will kill you faster than lack of food.

It is certain that there is a spiritual component to our reality. If you don't see it, it is because of your dull awareness. Do not let others do your thinking for you.

I don't have to be the smartest person in the room, I just have to be in the room.

If you want to be clever, that's fine, but being wise is not about being right all the time, it is about acquiring understanding.

I am nobody, the lowest of the low, a poor servant who has not mastered servitude.

Those who feel nothing, gain nothing. Think about this. If you do not feel, your desires don't exist and cannot be rewarded.

Bad team attitude; I am willing to help but I will put many conditions on whether I will help you or not. Help should be as unconditional as is sensibly possible.

When people try to cut you down with their harsh words just remember this, they do not understand what they are doing, because if they truly understood, they wouldn't do it.

Pragmatic idealism is the idea that we should value the methods that actually work.

Pragmatic idealism as a method of interaction, having measurable consequences. How good is a particular course of action and how can we measure it in complex systems?

The fitness landscape is a dynamic fractal hologram. Practical idealism is the ability to navigate the landscape in an optimum fashion.

Fractal thought processes are a synchronized randomness.

It is the height of absurdity to brag about your apathy.

There is a fractal nature to metaphor, even the metaphor of love. We do not love just one person, we love many people and each one differently.

As your attention is divided the opportunity for error increases exponentially.

Everything is an approximation of something else, and so we must begin to understand the deeper meaning of these fluctuating properties.

Light pierces the darkness and is consumed. Truth pierces the chaos and is consumed.

Bring the mind and the phenomena will follow.

Time may have a nested hierarchy of cycles. In other words as the scale diminishes the concentration of energy increases.

Religion (emotional or intellectual) should not be confused with spirituality, just as we cannot give a mathematical formula (intellectual) for love.

The direction of time's arrow is the breaking of the symmetry of the potential of the boundary condition.

To say that a stationary object isn't moving is incorrect, it is moving in time.

Aversion to conflict will always generate conflict.

Living in the moment is a form of art.

Of all the powers contained in the mind of man, stupid is the greatest. Stupid can turn the world upside down.

You will get better results with brilliant processes and average people than you will with brilliant people and mediocre processes.

You should resist the urge to form an opinion until you actually have enough information.

Nature abhors a vacuum and always takes the path of least resistance which happens to be a fractal.

Lessons are lost on the fool.

Do not pride yourself on being clever. You can be clever and still be a fool but there is no such thing as a wise idiot.

Nothing novel or interesting happens unless it is on the border between order and chaos.

The relationship of all things is not revealed in darkness.

In light, the stones are a clear path, in darkness, stumbling stones.

Poetry is the art of finding just the right word.

Meaning is a dance at the edge of chaos.

Love is the connecting of complimentary expression.

Culture is a nested hierarchy of fluctuating meaning. We are constantly reshaping the definitions we encounter.

We must continually resist the temptation to internalize everything.

The reason I believe that emotion is a higher state than intellect is that chess computers don't enjoy winning.

The Bible is a hologram and Jesus is on every page.

Bending the wrong rules will eventually result in a broken system.

If they have deceived themselves first then, maybe they do not realize they are lying.

The child is swayed by every flight of passion, the man by responsibility.

No eureka moment is ever a product of pure reason.

It is not by a long discourse of carefully chosen words that we arrive at truth, we will only arrive at a nebulous understanding of some approximation of truth.

Meaning is never static, we are co-authors in a story that is still being written.

As a process passes through a system, a hierarchy emerges. The form of variation is scale dependent.

The happiest moments in life are always free to those who serve voluntarily.

The dead remain dead, only life begets life.

The dreamer and the dream are separate but intertwined fractals.

Imagination is the echoes of creation and novelty is the fuel on which the imagination runs.

God is not a force, He is a person.

The lawful regularities of our physical reality are emergent.

We the people stand together and call for a lasting peace that is not corrupted by greed.

In the spiritual world, success is measured in souls.

When we do good for others, we must make an effort to lead them to prosperity and not dependency.

A good culture improves attitude, a bad culture destroys it.

How can infinity be bounded into a finite or unitary space? There is only one way, as a fractal.

The material expression of our physical reality is, in a sense, a grand version of "Chinese whispers."

A conundrum is being considered overqualified while not actually possessing any credentials.

In real estate it is location, location, location. In business it is culture, culture, culture.

Agendas create illusions.

In any sufficiently complex system, it is impossible to know what the ends will be, so the means become all important.

Politics is a bunch of people getting together to disagree on just about everything.

Assessing and shaping interpersonal dynamics is essential in the health of any organization.

The path is, in a very real sense, a collection of choices.

Time is a process of imprecise association.

Information has many qualities such as velocity, density etc... but meaning is always a network of relationships.

Metaphors give substance to abstractions.

When a good king reigns the people rejoice but when a bad king reigns the people mourn. It is unfortunate that bad kings are far more common.

Are you seeking power? The greatest power is in giving, not taking.

It is strange that some people pride themselves on the things they don't care about.

Even explanation is subject to entropy.

The best explanation is an explanation that doesn't require further explanation. The geometry of explanation is fractal. Explanation is a dynamic network of relationships.

You can gauge your level of understanding by the number of paradoxes it generates.

Rule of success #1, you have to want it.

The human heart is a deep well for some and a bottomless pit for others.

We are, in a very real sense, in the wilderness, and so, I think it is terribly important that we not spend too much time moving in the wrong direction.

You will meet people whose behavior is so bizarre that you cannot trust them. If they have shown you who they are, believe them.

Many of the things that grownups have chosen to ignore, the child understands deeply.

Along our path lingers a scent, it is the leftover expressions imparted to the world by your passing. Some people leave a sweet fragrance and others a foul stench.

You are responsible for the odor you leave in your wake.

Death can only win if he is able to deceive you into thinking that he is all powerful. There are things that are more powerful than death, one of them being love.

Governments mistakenly believe that they must regulate every disruption to the system, not realizing that for the most part, they are the cause of the disruptions.

In an infinite probability space, does mixing metaphors matter?

The system is fragile because of human nature itself.

A concept will last only as long as someone is available and willing to understand it.

Dreams have substance but this substance is different than the substance of the material realm.

If we are in a simulation, it is pointless to talk about the arrangement of the pixels on the screen.

The distinction between the physicist and the philosopher is becoming blurred.

It appears that evil is the opposite of live, at least in English.

To homogenize culture would be a crime against humanity. We are different for a reason.  
Desertification of culture.

Beauty is a curious mix of geometry and randomness and is perceived more by the heart than the head.

Questioning a man's philosophy won't get you in trouble as fast as exposing the flaws in his self narrative.

Backward causation might be better explained as read ahead.

A fractal probability distribution is not purely random, it is complex and chaotic but not purely random, nothing is.

The social contract is a contract for a lasting peace, not perpetual war.

All souls are equal, any perceived variation is an illusion, created by the shadows of perception.

Love is a gift with someone else's name on it.

A cease fire is merely that period of time when everyone is furiously reloading.

Design by committee; compromise breeds mediocrity.

Our choices affect the degrees of freedom for all future choices.

The main purpose of the rational mind is to live long enough to make a copy of itself, how romantic.

Freewill has variation, not absolutes. The idea would be, a choice you make now will affect the degrees of freedom for your next choice.

Real love requires sincerity.

Sometimes doing the right thing is inconvenient.

Our perception creates a differentiation of meaning, and our consciousness recombines these disparate things in novel ways.

Luck often sides with the able.

When an atheist has been humbled, he calls himself an agnostic.

You should be humbled by the great mysteries set before you, arrogance is not useful in this matter.

When we belong, we believe. When we separate, we doubt.

We have now entered the age of frigonomics, when a critical mass says "screw it" we are finished.

It's really not all that difficult to notice the deception built into our reality. What is hard to figure out is whether we are somehow involved.

There may be a conceptual propagation of manifestations. In the spiritual realm, light creates and darkness copies because darkness only has access to the shadows.

There will always be islands of peace, each desperately trying to separate itself from the madness around it.

It is not possible to separate the person from the message.

There are levels of now and every now is different. Moments have a thickness when we are living them and a thinness when we are unaware.

In the pursuit of excellence you must build a foundation. Expose yourself to quality material. Study to show yourself approved.

If we are constructing our own illusions, we may not get to choose how real they seem.

The power of a young woman is in her beauty and charm. The power of a woman in her later years is her social position and her ability to convince.

Brilliance requires a foundation of understanding, this does not exclude simplification, in fact it may be necessary for clarity and application.

No matter what you want to do, you still have to start where you are.

Power has the unfortunate habit of concentrating.

Stupidity has the unfortunate habit of appearing when you least expect.

Intention is an echo of a previous intent.

The enemy of love is not hate it is apathy.

Compassion begets fellowship.

Give till it hurts or giving is living, I prefer the latter.

In every area of politics, the goal is control.

The greater good has been defined as "the ends justify the means."

The common good says that "liberty resides in the means."

The dynamics of the quantum realm are causation without representation.

The internet is taking "wisdom of the crowd" to a whole new level.

Ignorance is, not learning from your mistakes. Intelligence is, the ability to navigate the fitness landscape. Wisdom is, the ability to maximize the health of the fitness landscape.

I suspect that I may be surrounded by people that are operating outside the normal range.

Consciousness relies on the integration of expectation and sensory input, to create a best guess or controlled hallucination.

Those who live in the shadows have so deceived themselves that they will not recognize the truth when they see it.

The idea that knowledge is power must include the energy contained in truth over application, and novelty over value.

Novelty emerges from the foundation of understanding.

Reciprocity is one of the most influential mechanisms in any culture.

All behaviors are constrained by the relationships in their frame of reference. In the end all we have are the relationship of measured things and incomplete descriptions.

The range of acceptable behaviors of the citizenry is being constrained by a small, elite class that are in the process of concentrating power. As the power increases, liberty fades.

Be certain of this one fact, there are desires that drive men to foolish behavior. Men must first of all be masters of their own person before they can earn the right to govern others.

The liberty of one's conscience is the right of every man and to remove this liberty by force or coercion is a crime against all of humanity.

Success can be thought of as the applicability of value in state space and opportunity as a probability wave moving in the right direction.

The currency of the spiritual world is understanding or light. We live in the shadows of perception. Innocence is unfiltered perception.

We live at the edges of a shadow. The edges are always moving. It is the gray region, the Goldilocks zone.

The earth as an ecosystem is the commonwealth not just of man but of every creature.

Instead of trying to be perfect, give your flaws a little style.

The intellect is the servant of emotion which is the servant of spirit.

There can be no magic without the magician, these material expressions are the result of intent, which is an echo of a previous intent.

Men always try to take a man centered approach to religion. Spirituality is not an achievement it is a relationship.

The price of liberty and the value of liberty are two entirely different things.

Death and thorns began together.

The dead part of you (skin) is protecting the rest of you.

Loving connections are intimately associated with belief. The more connected we are, the more we believe in each other.

If you wish to point the way, you must first take the high ground. During the harvest, the high ground and the threshing floor are in the same location.

If there is money to be made, the facts will be twisted. This is true of all human endeavors, science, religion, politics etc...

For youth, it is impossible to see the fragility of life, for the elderly, it is impossible to ignore.

A can opener should last 100 years, we do not need to use land fills for bad design. If you want to be in a market with planned obsolescence, think computers, food, clothing etc...

Agendas are problematic. If you have to resort to violence then, your agenda sucks.

If you have reached the state where your heart has become like stone, congratulations, you are now immune to reason.

As you get older, you learn to appreciate the cake more and the frosting less.

May you be blessed to have many people in your life that will touch you deeply. So many people just seem like scenery. Probably they will need the same.

The value of dignity is immeasurable.

The reason I am not rich is simple, I prefer to live the life of an artist.

Focus on solutions. There are problems everywhere you look, but the solutions are harder to spot.

Adam Smith never intended organizational structure to remain static, he would be shocked to see how little progress we've made.

The bigger the government, the more it can protect you from life? No, life is messy, the bigger the government, the bigger the problem.

A star does not need to outshine its neighbor, it only needs to shine.

All of time converges on this one moment.

The more of your life that is spent, the more valuable the remainder.

Man's capacity to innovate should not exceed his ability to live in peace.

You are constructing your destiny with every deed. Many strong connections will make an amazing structure, fewer poor connections will not stand.

It is not the job of the intellect, to tame the passions of the heart, that is the job of the spirit.

You cannot identify an enemy without becoming one.

Near the end of your life it will become clear to you that control is an illusion. How will you defeat Death, you are going to need an ally, preferably someone who can conquer Death.

God gave us a brain to improve our situation, not to destroy the planet.

Something from nothing is a miracle anyway you slice it.

Handling power is very much like handling explosives, you have to have a great deal of respect for it and most people don't.

What is spiritual faith? It is trust, but this trust is based on a foundational understanding rooted in intellectual experience, emotional maturity and a spiritual relationship.

Manipulating financial markets will always be temporary. Just because they can manipulate the market doesn't mean they should. The butterfly effect applies.

The wise diplomat turns his enemies to allies, not by reason but by steering the passion of the heart towards the shining shore of a most beautiful and perfect land.

If we cannot maintain a peaceful transfer of power, then we are moving to dangerous ground.

How do natural systems find balance? They have no choice, it is either balance or oblivion.

The simple answer is, you don't have all the answers, in some areas you're going to have to wing it.

Just in case it wasn't obvious, quantitative easing is a form of taxation.

If we were wise, we would not build computers that think like we do. Fortunately, we can't build computers like that, yet.

We could ask, did God have a choice in creating the universe or we could ask, did the universe have a choice in creating itself. You can see how the really big questions very quickly become subjective.

The quantum realm is not 1's and 0's, it is a fractal probability distribution and the material world is constructed from a more is different principle of organization.

You are unique, you are a very precise arrangement of possibilities. You live in that space between possible and impossible and your journey is the bridge.

The 80/20 rule; women ended up with 80% of the beauty and 20% of the power.

I would expect every religion to splinter into 10,000 versions of itself.

I will always remember you, and while I live a part of you remains.

The value of trust is very much like the value of dignity.

If you are different from everyone around you, being invisible is no disadvantage.

Did you know, one of your greatest enemies can be your self narrative. Pay close attention to what you are telling yourself.

Vessels of honor and vessels of dishonor. You will know them by their fruit. The fruit is a vessel that contains seeds (information) and flesh (food).

The problems we faced in the last century will pale in comparison to the problems we face today. Let us hope that cooler heads will prevail.

While most men in their pride and arrogance cry out for justice, I myself consider mercy a better pursuit.

All thoughts are expressed as a geometry of motion, all motions produce fields. Everything is fields including consciousness. The universe behaves more like a song than an equation.

Any government that uses law to justify crimes against humanity is banking on the idea that they will not ever have to give an account for their actions. This is a categorical mistake, I would not bet my soul on the outcome.

Some people have strong opinions about the things they care about and live very passionate lives. I understand these people, even if their opinions differ from mine. What I don't understand is apathy.

Love is a dance of complementary expression, there is movement, a sweeping away of

differentiation. Over enough time you will take on many of the mannerism of the one you love.

Your connection to the spiritual realm is through compassion. It is all about connections, how we network into society. Are we lifting each other up or pulling each other down? it is your choice.

You are spirit. You are made of stuff but this stuff is something that cannot be regarded as real. The information is not the structure, it is the relationships. The information contains no mass.

Truth is about meaning and application. It is also about getting your head, heart and feet all moving in the same direction. What we value matters and the more we understand, the more alive we are.

There is an irony at work in the cosmos, as women are lifted out of poverty they will have less children which will, in turn, push us back down again. A drop in population growth will lead to economic hardship, always.

Critical thinking is the best education. Do not teach children to parrot facts they could easily look up, teach them how to think. If you don't know what is going to work best, do not get lazy, find out and teach it.

Are quantum random walks in state space capable of measuring value in some manner? There is an organizing principle in operation that we have yet to discover and if value is involved this raises some interesting questions.

The laptop and the smart phone have influenced the flow or movement of people and if they are not walking by the shop window then, you will need to connect with them in cyberspace.

The small child sees the world through an unfiltered lens but does not understand it. The adult sees the world through the many filters he has collected or have been forced upon him and whatever meaning remains he convinces himself, it is truth.

In close knit societies, mentoring begins early and continues throughout life. Values are taught, and abhorrent behavior is discouraged. Boundaries are clearly defined and an individual knows their place in the society.

It is important at the beginning of any relationship, that those involved keep trust in the center. It is to be earned, it is to be rewarded, and it is to be cherished. It is in this way, that true friends are united.

The secret to happiness is forgiveness. You should try forgiving others and when you become very good at it then maybe you can forgive yourself, (the happiest people have already forgiven themselves).

A great idea has energy. The idea branches out into the landscape and is absorbed by the

actors, as this happens, the idea gains momentum and expression. A really great idea can have so much energy that it becomes unstoppable. There is only one question. What is the idea?

In music you will have intellectual prowess, emotional prowess, and spiritual prowess. The greatest musicians will always transcend the intellectual level to master the emotional and finally the spiritual.

Do not be afraid of life, it is a journey of discovery and you will be amazed at the wonders set before you. Do not be afraid to love, for it is a gift, a giving that is in harmony with desire.

All of the information that makes up a living creature is stored in the creature but the information itself is immaterial. The material world is a world of shadows, it is the material expression of the spirit.

All natural laws retain the balance contained within the scope of that law, no man made law can do this. It is better to understand the natural laws that govern society then to create man made laws that will not work.

In the hierarchy of maturity you must first master your intellect through doing, then you must master your emotions through serving, only then are you ready to take on the things of the spirit. I suspect that this would be an act of full surrender.

The stabilizing factors that govern societies vary from culture to culture. If we do not understand what these stabilizing factors are, we will suffer the consequences. As an example Iraq seems to require a strong and ruthless leader.

The starlight speaks to us, calls to us and also whispers a promise. There is a way, a lighted path, but the way is guarded by a flaming sword. Bear one another's burdens, it is a comfort for the journey home.

God has reserved the right to define what is good and what is evil. If you think you have the wisdom required to do this, I can assure you, it is above you paygrade. All through history men have been justifying their evil.

In war, truth is always the first casualty. We are now in the information age and truth has become more important than ever. Intimate disclosure always requires a measure of discernment. There is a time for truth and a time to refrain from disclosure.

The past and the future collide, a series of moments, a continuum of the impossible becoming possible. The coalescing of fractions of fractions of meaning and metaphor, building a stage for a story where the actors repeat their lines with increasing precision.

The human soul is a reflection of dynamic interaction. The free exchange of experience is the central core of being. We belong to what we are reflecting, the unity and infinity of qualia.

I have long sought to be free from the struggles of life, I am weary of the conflicts, but these conflicts have shaped me. Who I am is a direct result of this wearing away of the less permanent part of my nature and what is left is closer to the real person.

You do not have to be a leader to find your own path, you have to be an adventurer, an explorer or maybe just inquisitive. It is much harder to convince others to follow you anyway. If the path is calling to you, take it.

If you are a slave to the system, it is because you think like a slave. You were not born to work all your life as part of a system, there are higher things to live for. Intention moves through process and into meaning.

In a fractal nested hierarchy there are an infinite number of boundaries and boundary conditions, this is important because this is where emergence comes from and this is why there are no perfect symmetries.

Physics is a form of magic. No physics textbook remains relevant for more than ten years. The physicist is the new Wizard, it is a dark magic. We are children playing with nuclear fire.

The density of time, cognitive overload and stress. There is a principle of balance. Humans are designed experience life's ebb and flows. You cannot spend all of your time at the high end of the spectrum. Make time for everything in moderation.

Some part of your behavior is imprinted by the culture or society you are in and there is very little you can do about it. The more you understand the subtleties, the better you can navigate the landscape.

Salvation:

Past tense; from the penalty of sin.

Present tense; from the power of sin.

Future tense; from the presence of sin.

Some people seem to love conflict, they see conflict in the same way you might think of a game of chess. They derive pleasure from the chaos it generates. This drama serves no useful purpose, the energy is lost to entropy.

All light that comes to us, no matter the direction or the nature of the source (speed, etc), is constrained by its relationship to our reference frame, this results in apparent paradoxes. These paradoxes are clues that the models we construct are insufficient.

Human behavior is unfathomable. Some people are driven, some people endure, and some people just give up. Fixing all the problems of the world is like sweeping the Sahara, I guess you just grab a broom and start sweeping.

What is death? It is a form of separation or maybe the translation of meaning into another domain. There is no reason to fear death because until God is finished with you, you are invincible.

The goal of any organization is to maximize the value of everything that comes in the door before it goes back out and that includes everything, people and material. At the end of the day, it is all about value.

It is not truth that requires good timing it is disclosure, being a part of a larger plan. Framing the problems in the context of applicable solutions so that you do not look like a complainer, along with having the awareness to notice the problems in the first place.

People are motivated by necessity and convenience, and while someone may promise you that they will stand by their word, as soon as this becomes inconvenient, you may find their concern for you has diminished.

Right action is measured in the heart of every man. His skill in determining right action will vary from man to man. The consequences ripple through history, sometimes in a smooth, calm fashion and sometimes as a tumultuous storm.

The wiser we are, the more high value connections we will make. Wisdom in self evaluation gives you the competency to strengthen your weak points and to use your strengths to add value for others, always striving for win-win scenarios.

The universe is ringing like a bell, the so called random motion of the vacuum has very specific properties in very specific relationships, such as frequency and amplitude and if we understood the details, we could tap into the energy.

Too many talking heads, so few real experts. As an example, anyone that espouses anarchy or communism does not understand human nature. Anarchy and communism can only work in very small communities, as the community gets larger, the system breaks down exponentially.

Competition has useful and destructive qualities that we need to identify and utilize the useful aspects while understanding how the destructive aspects worm their way into our thinking and undermine so much of what we would build.

There is a dynamic when it comes to creating enemies, often it is just through misunderstanding. We should oppose evil and foolishness without forgetting that, on occasion, the fool can be won over with a little kindness and understanding.

Certainty lives inside of simplicity, simplicity lives inside of truth. Every sufficiently complex event is statistically impossible. Any repeatable behavior that we can measure with great precision would, by necessity, be closer to simple and that makes it closer to truth.

What is more effective evaluating achievement or recognizing achievement? The goal is to understand the interconnectedness of the system and make improvements wherever you can. I would suspect that if people are able to get out of their own way, this would happen more often.

When robots require a psychologist then we will have reached a level where we can talk about A.I. The reason is complexity and emergence. To be sentient requires a level of complexity, we don't understand.

The Eastern Mediterranean is a focal point, a very strategic location for many reasons.

Turkey is the very center of all of the land mass of the earth. When you are playing chess, it is good to focus your strength near the center of the board.

You are becoming what you were always meant to be. The stage is set, the cast and crew have been selected, and you are performing your part with exquisite perfection. It is not that the Magi are performing the ritual, it is the ritual that makes them Magi.

Can you be tricked into trading your soul for a digital copy? Are we moving into an alternate or augmented reality? What are illusions? Who are you really? We are made of stuff but this stuff is something that cannot be regarded as real.

Particles are the properties of space/time itself. It is information folding and unfolding within nested hierarchies and associations. The geometries evolve into emergent behaviors. There are organizing principles involved such as, "nature is lazy, it likes to copy."

Human nature does not allow for a situation where we have become so good at manufacturing that only 20% of the work force has a job. The elite will not need all of these products and the huddled masses will not be able to afford them.

Stretching space affects time and gravity. Frames of reference are scale dependent. Information can be folded and unfolded into nested hierarchies. Emergent behaviors have less degrees of freedom than their constituent parts.

The space filling properties of consciousness. All dimensions are equal but some are more equal than others. The expansion of space/time may very well behave like a fractal where each iteration produces finer but exponentially more stuff.

The portals of heaven and hell exist within every choice. There are only so many choices that can be made in one lifetime. Choose life, you may have to follow breadcrumbs or the sounds of whispers, you may have to double back on occasion but when you are on the right path, you will know.

When you are connected to the things worthy of valuing, you will be given good things and when you take without merit, you will be exiled. Desire even of the good things must be followed up by right action.

Emotional intelligence, as a course of action, is more about understanding and less about manipulation, more about connecting and less about positioning. What we value matters.  
You are a composite of the things you are connected to.

The source that I speak of is a unity of perception but the perception creates division. This division has a dynamic that unfolds into and out of itself in some manner. Time and division belong together as if in a dance of expression and meaning. All meaning is relational, it is a dynamic of association.

If the United States were a car and we had neglected to do the scheduled maintenance, at some point in time the car will be running so badly that it really doesn't matter who's driving, the car is not going to go very far. The most skillful driver and the best fuel available will make very little difference.

If you are trapped in a vicious cycle of behavior, I am hopeful that you can rise above your circumstance and from the vantage point of understanding, remember who you are, forget about revenge, evil and hatred, and love your enemy. It is a great honor to rise above circumstance.

As we begin to delve into synthetic life forms, some rogue group will become enabled and by stealth introduce a plague that will quickly run out of control. It does not matter which checks and balances we put into place, these will only buy us a little time. The idea that knowledge is the key to eternal life has its limits.

Society itself is changing and in response, policing has also changed. It should be clear that this is not a change for the better. There are many reasons for this, as in any complex system. Small close knit communities have an advantage over very large anonymous groups. It also helps to have a moral compass and practical wisdom.

We cannot create robust economies unless we understand what drives behavior. Being a relatively new science, we have a long way to go. For instance, if we could predict stock market movements, the new information would create behaviors that would change the system in unpredictable ways.

Belief systems are filters. We are all raised by flawed humans and it takes time to sort out the consistencies and inconsistencies, but we are doing this with a form of fractal or fuzzy logic. Truth is branching out into the nothingness as possibilities. Our only connection to truth is in the echoes of creation.

Peace is a systemic organization of harmonious integration of the disparate ideals of men. There is no common definition of the common good. Often those that would control the definitions have a selfish agenda and so, due diligence is required in understanding our role in shaping the future.

Peace is the highest achievement of men but it does not come from agreement or compromise. Peace is the final image, woven into the tapestry of meaning and value within our relationships. There should be a quality of harmonious integration of disparate ideals. The wisdom required to do this is beyond the scope of human comprehension.

Moving towards truth and harmony creates fitness, moving towards selfish desires and deception destroys fitness. Do what you need to do, but it is the reason why you are engaging in destructive behavior, that is disturbing. It is because you value the wrong things.

As we pursue understanding, we are branching out into a dark landscape. Just occasionally we are able to put up a street lamp. Some will stay near the lamp because it is brighter there and some will venture further into the darkness stumbling over both the extraordinary and the embarrassing.

The idea that "greed is good" may be fatally flawed. An accumulation of greedy choices could in fact disrupt the health of the system to the point of total collapse. If clever people

are greedy, they will always find a way around the rules. It is better to be wise. Clever will only get you so far.

Pay it forward. Do not punish a lesser sin with a greater sin. Do not try to prove that your rules are superior to another's and then break your own rule whenever it is convenient. It is an impoverishment of the soul or the heat of passion that makes us foolish. Guard your heart.

If you are trying to make a difference you might come off as a complainer or you might come off as a pompous ass, depending on your level of expertise. People do not like change and do not want to be challenged, so their perception of you will most likely be a negative one.

Does the LORD speak to us through a trail of breadcrumbs? Finding meaning in the fleeting images, the circumstances that intrude upon our purposed path requires focus. The breadcrumbs point to a direction and are only visible to those that are very aware because the birds will come and consume them almost as soon as they laid.

Giving and desire as a recursive iteration in the fitness landscape creates a feedback loop. The desire to give, the desire to see another benefit, the desire for good outcomes, will over time lead to a significant improvement in the fitness landscape, however the opposite of this requires only small temporal values to create significant losses in fitness.

Subsidizing chaos, while we have a duty to reach out to others and do what we can for them. Some people are so irresponsible that they are like a black hole of need. Be sensitive to the leading of the Spirit. Diplomacy and discernment are required, these come from the Spirit.

I cannot tell you how to be a success without giving you a reliable definition of what success is. There is a hierarchy of the greater good so, we must decide at which level, or how many levels, and how far into the future we are referring. The ultimate answer would have to be, "If there is no God then, there is no such thing as success, only varying degrees of failure."

Why systems thinking is the right approach. Systemic phenomena cannot be reduced to their constituent parts. These are emergent behaviors that must be understood before they can be addressed. First there is meaning, next would be relationships, and finally context, (story, actors, and stage). The geometry and dimensions are some variation of emergent properties, repeated at all scales. We can say that nature has an intent that creates the actors. The behavior at one scale is dependent on the scales below it, and creates context. Process starts with intent.

I think that the whole political system is flawed. It does not correct many of the problems that occur simply because of human nature. The subtle nuances of the human condition are not completely understood, and so we are not equipped to create the checks and balances required to correct the system, so that we achieve the most effective and efficient form of government possible. Chaos theory would dictate, that this is probably impossible.

Improvisation and improvement rely on modeling a systems dynamics accurately. There are degrees of freedom in many of the parameters that we can adjust and with good predictive modeling we should expect the results to fall within a particular range of behaviors. I would propose that any initial focus should include adjustments that increase flexibility, and as a bonus if the employee is empowered by an increase in flexibility then you would expect to see greater employee engagement.

The soul is a vessel, and like the body, it is made of information, in the material world they share location, both spatially and temporally. This vessel can only be described through metaphor. It is some form of computational geometry, like the universe itself. This is a form, a dynamic, creating an expression in the material world. The universe is dancing and through us it can look in the mirror or through others and inform itself.

What is the price of freedom? As with so many things, it depends on whom you ask. For some people, it cost them everything. This is a measure of the value. For those to whom it cost nothing, you could say that it is worthless. They have no understanding of the true value. This value fluctuates, and the loss of freedom can be much more expensive than one might imagine. Those that have received their freedom at no expense to themselves personally, will not understand the value of freedom until they lose it.

There is a hierarchical nesting of behaviors that in the higher levels is cultural. Our definitions as a culture should be clear. Having gray areas can be problematic. These behaviors are intimately related to value. These values are emergent properties that fluctuate. When we attend a moment, we give it value as a consequence of memory and if we place intention upon it, then the value fluctuates as it branches out into the future as possibilities.

The two pieces of advice I get most often are, keep your mouth shut and tell them what they want to hear. Where is the benefit in that? I can say the company does have problems, but I can only convey these in terms of generalizations because I do not want to get into the middle of anything. The laws of God and nature compel me to adopt a live and let live policy.

The spiritual is the highest mental state followed by the emotional and lastly the intellectual. The material world is essentially a classroom. A few people have hoarded all of the pencils and notepads thinking they have really done something. What they fail to realize is that the pencils are for the weak minded. These lessons cannot be learned by memorization (the intellect), they must be lived (the emotions).

Politics is one of my least favorite subjects. It is a messy business. Understanding the political system and the ideology of incompetence that bureaucracies create is elusive. There are five modes of thinking and as you move to the higher levels, the amount of wisdom required goes up exponentially. You cannot solve a level four problem with level two thinking.

Have we advanced? What we have done is to delve into the world of magick, this technology is a dark magick, dark because it leads to the destruction of the good things, the

health of the system. This debt based economy is a religion, the religion of desire. This religion will bring only death. The few will take and take until there is no balance left. The most valuable thing in this world is balance.

The anarchist will try to convince you that their system is superior, but it is part of the same pyramid. You have a top down control system or a bottom up control system but no balance. I think that a mobile hanging is a better model. Top down, emanating from the spiritual realm, with horizontal connections and balance as a key feature.

Transforming the message, retaining relationships in a fluctuating context. Fractal information and the dissolution of meaning, islands of order in a sea of chaos. Static truth versus dynamic variation. A collective principle of organization, a relationship of measured things, that give rise to a law. Is meaning scale invariant?

The academic scientific community is saying that the universe began through the operation of random processes and I am saying the exact opposite. Truth is the highest energy state of the system. Every engine takes advantage of a difference. Truth has the most symmetry and uncertainty has the most variation. The structure of the universe is a computational geometry that is fractal in nature.

The dimensions of behavior have a hierarchy. Intellect is the lowest followed by emotional and finally spiritual. The reason I believe emotions are higher than intellect is because chess computers don't enjoy winning. You would look foolish if you denied that emotions existed, it is the same for the spirit. So we need a metaphor like the chess computer to describe this. Spiritual people are healthier, heal faster and live longer, on average. Spiritual people are more likely to form meaningful bonds with others. It is all about connections. If you want more oxytocin flowing through your blood, reach out to others.

If only a very small number of people are deeply concerned with the welfare of their fellow man, how then will we be able to solve the growing problems that will "sink the ship" so to speak? Empathy must be a deep spiritual connection to others that is reading the field of the other person, this energy is imprinted into the receiver. The receiver in a sense becomes an amalgam of the culture they are in.

Liberty is inherently opposed to government, there is a dynamic tension that must maintain balance. At the smallest scale you would have self regulation (control or lack of control) and at the largest scale, you would have world governess (totalitarian or anarchy). Within this nested hierarchy is a constant redefinition of the greater good. At the smallest scale, lack of control is always caused by selfish desire, and at the largest scale, selfish desire creates smaller eddies of turbulence within anarchy or catastrophic disruptions because of totalitarian regimes.

Aligning yourself with government or anti-government is a false dichotomy. We are all a part of the same social system. The health of the system depends on a correct understanding of our particular role in the system. The idea that the end justifies the means is one of the most dangerous ideas. We do not possess any real control and no-one understands the system enough to determine what the end would actually be, and so the means become all important. What we need is practical wisdom. No-one will be immune from accountability. Exercise wisdom in all of your affairs.

Everything has its place and its time. We move through life like a musical score, a dynamic expression. Our position in this song is always changing. Should we deny our place in this symphony? Should we ignore the sound track of our own life? There is a hierarchy of maturity. The intellect is doing (learning), the emotional is becoming (temperament), and the spiritual is connecting (highest state of being).

To every thing there is a season, and a time to every purpose under the heaven.

It is in the web of explanations that the deeper meaning is revealed, an echoing of possibilities that extends beyond the possible into the impossible. The impossible lives in the imagination. In whose imagination do we dwell? We are made in the image of God. The breath has a dynamic, before the breath, there was nothing. The breath of life has meaning, it is truth, it is life, but it only lives in you. It is an expression from another realm.

Organizational structures and self referential noise; the fitness landscape requires balance.

As the system matures it goes through stages, often moving from a competitive environment to a cooperative environment with agents forming a range of associations. If the stakes are high enough and the complexity is rich enough you will get very sudden cascades from chaotic attractors. The fitness peaks will become steeper and the whole landscape may become very extended in the vertical axis. At some point an avalanche of monumental proportions will be produced. This is what extinction level events are.

The role of respect on integrity and influence; while I understand why respect is so important to many people, it is a mid-level (emotional) phenomena. We are spiritual creatures have a material experience and the emotional realm guides the intellect. The more emotional intelligence you have, the less likely you are to be driven by negative emotions. The more spiritual intelligence you have, the more wisdom. The intellect is subservient to all. Respect is used to promote an agenda, wisdom does not consider agendas, it only considers value. Positive value driven behavior has nothing to do with respect. There is only one reason to do the right thing, "because it is the right thing to do." Everything else is an agenda.

People tend to only care about the problems that affect them. Empathy is the ability to transcend this narrow perspective. The more we connect and are able to bear one another's burdens, the more harmony the world will contain.

Everyone is able and justified when it comes to arguing about religion, simply because of its highly subjective nature. A spiritual experience is a different animal altogether. If you have a spiritual experience, you know it, there is no question, as far as the significance of the experience goes. It is a little troublesome however, when you try to explain the experience to someone else because something is always lost in translation.

Reading the enemy's playbook; we would first, have to assume that we have enemies but this idea is flawed. We are all part of the same social system and those we might think of as enemies are actually agents that are driving the system in ways that we don't approve of. The most important thing is to value the good things. Do not let someone else define what is good and what isn't. Exercise your freewill and decide for yourself. Don't let someone else control the definitions. We must also remember that because we cannot predict where we will end up any better than we can predict the weather, "the means" become all important.

Politics is a ruthless, brutal, messy, business. Some men dream of "unity among men" but there is no consensus agreement. In raising our children, each culture imposes a particular set of beliefs and values that will always be in conflict with some other culture and when a leader decides that brute force is required to impose an ideology upon an opposing group, brute force will be used.

Many people do not want to own their responsibility, they would rather push it off onto someone else. There are an uncountable number of people that I have tried to help over my lifetime in many different ways and I have found that people don't appreciate the things they have not earned nearly as much as they would if they were invested in the process of their own prosperity. So when we look at ways of helping others it becomes very important to make them partners in their own success.

The human race is a collection of memories about the shared experiences of each one of us as a network of associations branching back all the way through history. These memories are very much like a great symphony with its triumphs and tragedies. If the great composer had chosen a different method to compose his symphony, we would have ended up with a different symphony.

The child within you is part of a nested hierarchy, in a sense, this child still lives, if this child has been wounded, then by now, the wound is very deep. Healing begins with understanding, no understanding, no life. Maybe you have learned to ignore, and this might be a good filter for some things but it is a temporary solution. Have you become so serious that the child within you never sees the light of day? Make time for play, imagination, exploration, friendship, laughter, discovery, silliness, wonder.

Nature is lazy, it likes to copy. Darkness is the same, it copies. Darkness needs the light, it is using us for an agenda. We are made in the image of God and our imagination is of such a great value, that we have the attention of these dark creatures. Everything is happening at the edges of the shadow, this fractal boundary. The gray region, the border between darkness and light, sense and non-sense, order and randomness, the ever present now. This is a computational geometry that generates meaning.

Navigating the world of commerce is just like surfing a wave. You have no control over what the wave can do however, you can pick the best surf board for the type of wave you are interested in, from there, the main thing is understanding the wave and using trial and error to become as good as you are able. Not everyone will become a world class surfer, natural talent and luck will play a role make no mistake, but you should be able to get pretty good and hold your own, most of the time. Good luck.

Many great stories have been built around the premise of unintentional consequences. The best laid plans of mice and men. We are trying to understand the echoes of echoes that continues ad infinitum, and it should be understood that the mixing of meaning within some context quickly becomes so complex that much of the nuance escapes us. This may force us to step back a bit to get a broader perspective so that we are able to zoom in on this location or that. Over time a picture of the system emerges, but this is not a still image, it has a dynamic that will range between calm and extreme. Having a robust system design requires the ability to move through the dimensions at will and see the integration as it is happening, shaping the features and feedback as necessary. In this, you cannot be lazy, you must move

with the dynamics, you must dance to the tune.

Is it possible for someone to be a "resume all star" and still be a lazy, useless worker? Companies are in a difficult position, the challenges are endless, dynamic and even at times chaotic. Brick and mortar stores are being assaulted by the internet and the pace of change is becoming unmanageable. There should be more passion on the part of employees because of the world we find ourselves in. Really, it is time to step up and make a difference. I have worked for too many companies that struggled and failed, it is heart breaking to see this. As a society, we have reached the "failure is not an option" point. We were not put into this world to figure out what is best for us. The "what's in it for me" syndrome.

Let's say we create the greatest, most successful company that has ever existed in the history of companies, and it kills the planet? Then, it is certain that we were measuring the wrong performance indicators. The numbers looked great, everyone was hopeful and enthusiastic as we drove the bus right over the cliff. What we value matters, are we giving priorities to the right things?

There is a dimension of fear that consumes some men and that is loss of control. The obsession with control must have something to do with self narrative. Anything that is in conflict with the self narrative will be seen as a problem. Since so little of the world is in our direct control this creates a situation of never ending stress and causes us to exercise too much influence in areas where a little would have been sufficient, creating more needless stress. So as a key principle, self narrative should be adjusted to match reality, but who can do this? Serenity comes from the spirit.

The materialist is a reactionary creature, always striving, never achieving and believing that serenity is something to be grasped. When we belong, we believe. What do you belong to?

Gifts are to be received not grasped. There are many gifts in the spiritual realm, serenity being just one. Some will not believe this, and will continue to struggle.

Respect and behavior; while it may be of some advantage in the material world to garner respect, it is of absolutely no use in the spiritual realm. So why do so many people value respect? It would have to be because of an agenda. Behavior in the material world affects the outcome (whatever that means) in the spiritual realm. Action is the key principle. Do good as often as you are able, this in itself won't save you, but it will sure help. Right action tends towards right attitude.

The goal is control; we have been set upon a course of action, and we are definitely moving in a particular direction. The oarsmen are exhausted and helmsmen are bureaucratic bumblers. If even one of the oarsmen realizes that the ship is headed for the rocks, this could spark off a mutiny. It is certain that the ship is in uncharted waters and the bureaucrats are far more interested in control than caution after all, they know best, they proved this, for six years they have been parroting the established wisdom from a world that no longer exist, and now have the credentials. The main problem, someone forgot the compass.

We may have to hand the infrastructure over to the computers and robots, in fact, we're in

the process of doing just that. Hopefully the robots will want to support us. We will need to devise a system where there is a balance between the work available and the population such that, the less work there is, the more support the population is given, to prevent overwhelming poverty or very large populations of hopeless, hungry, people.

The teacher that has raised his own stature, who has believed his own hype, who sees the world from a lofty perch so as to look down upon the rest of us, and does not feel a great sense of responsibility, is not worthy of the job. When we understand what can be known, what we know that we don't know, and what we don't know that we don't know, then we have begun to make progress. I suspect that "what we don't know that we don't know" would be the largest category.

A small organization must be quick and flexible because they are easily supplanted by disruptive technologies but a large organization with many investments has a little more time to react. In both cases you must understand what business you are actually in, what your customer needs and the most effective and efficient way to connect with your customer.

Disturbing ideas like those of Einstein in 1905 and Feynman Pocono Conference in 1948.

- 1) A fourier transform of the cosmic microwave background radiation shows the universe is ringing like a bell.
- 2) The stuff of the universe is waves or fields.
- 3) Scale is relative, not fixed because all of these waves are ratios of one another.
- 4) The geometry is fractal. This could be physical or computational.
- 5) If the geometry is computational then, there is no point in speaking about the relationship of the pixels on the display.
- 6) Time would either have a nested hierarchy of cycles or more dimensions than we thought.

When passion rises to its fullest expression, it touches the soul and lifts the spirit.

Your going to have to swing at something, you can't hit a home run if you don't swing.

Imagine AC current as a scalar wave, if time has a 3 dimensional component then, it could oscillate at a particular scale and frequency such that there would be continuous motion in each direction of propagation although the value or strength of the field would behave like a transverse wave.

The system has a dynamic that is accelerating, with turbulence that we probably won't be able to manage. If I do not answer the why question, I should not proceed to the how question. Let's say we ask the question "why should I become wealthy" the desire for money drives the system in ways that are difficult to predict and the very wealthy game the system to their advantage. The desire of the average person gives the very wealthy more advantage and no-one is asking whether we should be trying to find a healthy balance in the system. In other words "the game is rigged." Every gambler should understand not only the odds but also the deeper meaning of life. Our core values are the most important part of living. This has a spiritual component that will never be discussed or questioned by people that care far too much about money. The middle class is the engine of our economy (the producers and customers), and the middle class is dying.

It may be important, that we approach God properly, for if there is a God and some form of etiquette

has been established, we should avoid self defeating ignorance.

The human heart is deeply nuanced who can know it? Taming the heart involves trust. What do you trust in? The material world has less substance than most people realize. We are made of stuff but this stuff is something that cannot be regarded as real. In a very real sense, you are a collection of your choices.

Power is not linked to reason, this is clear from history. Totalitarian regimes fear intellectuals, they are always silenced. Power and control are an illusion, what we have are degrees of freedom. To improve our situation we must allow liberty and the freedom to make mistakes so that we can identify and avoid further mistakes. We should try to lift the foolhardy out of ignorance when we are able and not beat them down into despair. We become what we are connected to, the choice is always present. You cannot force unity and you cannot prevent division.

Having a strategy for framing the problems in such a way that potential solutions become more visible could be a useful approach. People generally can only about the problems that affect them. You could be in a position where you are giving 110% to prevent a problem from spilling over into other areas and affecting other people. I have also seen people go the other way and force the problem to spill out in such a way that it is impossible to ignore. Complex dynamic systems always create unexpected behaviors. Observation in as many dimensions as possible is always required to understand complex systems. What we know that we know. What we know that we don't know. What we don't know that we don't know; reality tree. Where we are trying to get to; future reality tree. Observation; evaporating cloud.

The greatest achievements in life are connections and living your purpose.

Flourishing has a rhythm, we move to this, whether it is a smooth jazz, a driving rock beat, or maybe something progressive and mystical. It is like the soundtrack for our journey of discovery. In the end it is meaning, relationships, and context, (story, actors, and stage).

If we want to create meaning in our lives, value becomes important. Passing these values onto others is a form of connecting. We all desire loving connections.

The word success is used far too often. We should be looking at value creation and connections. When you see the word success, there is probably a sales pitch associated with it, also the definition of success can be easily manipulated. The masculine essence of being is shared experience, the feminine essence of being is intimate disclosure. Value is closely linked to connections. We become what we are connected to. What we value matters. When we belong, we believe, when we separate, we doubt.

The human body (your body) is islands of order in a sea of chaos. At the finest scale you cannot differentiate your body from the probability waves all around you.

It's not hard to notice stupid, stupid is everywhere you look.

The calm quiet people of the world are expressing their awareness. There is a profound turbulence in the battle of good and evil that is not difficult to notice. As the saying goes ignorance is bliss.

Good design principles; good design is important and a designer should be condemned to use the things they design, as an example, in the south, the back porch light will attract insects, so why is the light

always right next to the back door?

I was a fleet mechanic for fourteen years with almost every car or truck being a Ford and it is my experience that Ford has forgotten its legacy. Reliable is great but simple and reliable is so much better.

Using subtle manipulation for an agenda. The agenda, getting lots of hits on your post. The subtle manipulation, using pictures of attractive women. So if manipulation is being used to influence me, I should be wary and act accordingly. My main point; there are no experts. We are all, everyone of us, amateurs. When someone postures themselves as an expert it is because they are selling something.

Question everything, this is not just good advice, it is essential.

When these self help gurus are living in ten or twenty thousand square foot houses, you can be sure that they value the wrong things. If we were wise we could create a tremendous amount of wealth by cooperation instead of competition, but we are only human. Don't be such a pushover, don't fall for the hype. It is really this simple, you must believe. When we belong, we believe, when we separate, we doubt. Make a connection with your creator, life is shared experience and intimate disclosure.

I have my suspicions about Tony Robbins. Is he interested in promoting the well being of his fellow man. He seems to have accumulated a lot of wealth for himself like a major televangelist. If he values material wealth too much then his message loses its meaning.

Your lifetime of investments are a target for every clever professional in the financial world and these people will find a way to take everything you have. You should be looking for ways to protect yourself.

The insiders in the stock market have begun to sell. Think about this, how did the market, or more importantly, why did the market climb to the level it is at without the support that should be under it? When the insiders sell off, the small amount of support remaining will collapse. This is how wealth is extracted from the average person that is not in "the club."

Imagine a vast collection of robots taking off into space with a bank of frozen fertilized eggs of every kind of species. Many thousands of years from now they arrive at a planet capable of supporting life and these robots seed each of these planets. Maybe we have destroyed ourselves in some kind of holocaust but there is an echo of our existence continuing, repeating, living.

Bliss; when my spirit connects with your spirit. It is all about connections.

It is certain that these are huge problems and the agenda is already in place to slow down the economy and reduce the population. There is no possible way to continue growth without very quickly exhausting the resources. Keynesian economics require growth but we are up against a wall, the kind of growth necessary is no longer possible.

The left/right paradigm is getting really old. Fools, the system is broken, the reason, the concentration of power is too high, there must be balance. How do natural systems balance themselves? They have no choice, it is either balance or oblivion.

There are no man made solutions. The system is broken and the wisdom required to correct this is beyond the scope of human comprehension.

Grace and mercy appear to be in short supply these days.

If stupid did not exist, the spitball would never have been invented, (not to be confused with the baseball term).

Keynesian economics is a myth because perpetual growth is a myth. This is important. Where are we in terms of growth?

Outside of the box thinking, what box?

By the time you figure it out, it will already be too late. You don't want to get caught with your pants down. We are in a "failure is not an option" situation. We're it, no-one else is going to do it. Be all that you can be, be proactive.

There is only one place where you can truly be at home.

We have become disconnected from the land if we were wise, we would correct this.

Life is the biggest thing that will ever happen to you.

Justice has variation now, but the variation will not endure.

God is ontologically consistent with the idea of something from nothing.

More often than not, the "so called" winners are using the wrong metric.

Some people are very needy, they need to have lots of friends, they need to have lots of likes on their post etc... There is more to live for. There are great mysteries to be solved and wonderful places to explore and if you must have friends, make sure they match the definition of a friend. So many people have been conditioned into the McDonalds mindset of convenient, quick and easy, they don't know how to be a friend. So, it becomes very easy to waste tremendous amounts of time trying to please people that don't give a damn about you.

Appreciation requires effort, this has something to do with intimacy. The parting of the Red Sea, providing the way to the promised land. The tearing of the veil in the temple during the crucifixion providing the way to salvation. The tearing of the hymen on the wedding night, providing the way to intimacy between the husband and wife. The Virgo sign, providing the way to intimacy or the tearing of the veil between Heaven and Earth. Note; for the virgin the hymen is torn during birth. God gave us clues but these clues are shrouded in mystery. The human female is the pinnacle of design, of all of the things in creation, women are the most mysterious, often even to themselves. Intimacy seems to have begun as an expression with the creation of woman. So what is intimacy? In the physical realm it is simply lust, the desire for physical stimulation. In the intellectual realm it is almost nonexistent because of vulnerability. In the emotional realm we have reached a level of processing where we can begin to talk about intimacy, it is here that we begin to see behaviors that we can call intimate. There is a connecting of something mysterious and a mutual expression, creating something unique and wonderful. This is not something to be explained, it is something to be experienced. The spiritual realm is where we reach the pinnacle of intimacy, the highest level of processing and the deepest and most

mysterious aspect of intimacy. As you would expect, there is not a lot I can say about intimacy at this level but God has left clues. These clues are in the design of the temple, your body is a temple as well. Within this mystery lies a vulnerability that the intellect cannot experience, it is a matter of the heart.

The separation of humanity and God existed in the temple as the symbolism of the veil between the Holy place and the Holy of Holies. During the crucifixion, eyewitnesses stated that the veil was torn in two from top to bottom. God must have done this. Intimacy in the next world is going to be important in a way I cannot describe. September 23rd could be the day the veil is torn open for real. This is all part of a legal system with eyewitness accounts of the death burial and resurrection of Jesus. They died for their witness. The law is good the law is just but the law is static, it cannot save you what you need is dynamic, it is grace and mercy. The Bible is a hologram and Jesus is on every page. This Revelation sign could be like a "reduced speed ahead" sign or it could be like a "stop" sign.

The way to the tree of life was guarded by a flaming sword. It is the same from Adam to Jesus, the way was guarded or protected by God. After the crucifixion we enter into grace. The way has been established. We are people of the way.

Once you obtain the ability to manipulate thousands of people without accountability, as a general rule, you become an evil prick. This is the nature of power. Power without accountability is a recipe for disaster.

There were two trees in the garden. The tree of knowledge is a maze that we are trapped in and the tree of life is the way of escape.

Successful people are people that value success. If you want to be a success, live your purpose. Success is what you make of it. The number one rule of success is "you have to want it." All this talk about success doesn't make anyone a success, it is action. All of the action happens here, in this world. In the spiritual world, success is measured in souls.

We are in prison, the worst thing about prison isn't the food, the guards or the confinement, it is the other prisoners. Are you surprised that I would prefer solitary confinement? In this puppet show all your behaviors are controlled by the culture you are trapped in. We are not in prison because we followed the rules, we are here because someone broke the rules and now, the other prisoners create more rules and more rules, until we are buried under rules. We are locked into a course of action, we are trapped in a fractal maze.

In politics the goal is control. The top is overpopulated with psychopaths, they practice strange rituals that you don't want to know about. The elite talk about two groups, the useful idiots and the useless eaters. Which one are you? If you think you know something, I can guarantee you don't. Look at history, there were always more bad kings than good ones.

There is no proper definition for a liberal. Their behavior contradicts their ideology to such an extent that I have to assume that some dark spiritual force is involved. Before you make a decision, ask yourself is it true, is it kind, is it helpful.

Should we all join hands and sing Kum ba yah. You can't force unity and you can't prevent division. You have the psychopath with a lust for power and you have the user with an overwhelming sense of entitlement. The people that don't suffer from these conditions often don't have the resources to manage their own problems, let alone the tidal wave of stupidity that has engulfed our nation but are often called on to join the fight. If I am giving wise counsel to a person that is hellbent on his own

destruction and he does not heed my advice or worse, tries to take me down with him then, I am under no obligation to unite with this fool.

Unelected bureaucrats in Belgium are in control of everything. Power without accountability is a recipe for disaster. Our representatives must be of good and moral character. Corruption is a very difficult thing to eliminate and so we must establish and maintain principles of operation that continually seek to minimize corruption at every level of government. Currently, this is not happening.

There are three areas we can invest in.

The material realm will only give you a material return. In my humble opinion this is a very low bar.

The emotional realm will create win win scenarios as you invest in the lives of others.

The spiritual realm is the best place to invest, the returns are unlimited. If you don't understand how to make spiritual investments, you should find out while you still have time.

A corporation has no conscience or soul, it is not a person despite the legal posturing. A corporation is very much like a psychopath and if allowed to grow beyond the control of the citizens, it could easily become Skynet. Do we want technocrats running everything? We are headed for dystopia, buckle your seat belt.

Let's assume that google, facebook, etc... is part of the beast system then, you should not be warming yourself at the enemies fire like Peter did right before he denied Jesus. YouTube seems to be rounding up zealots who will follow Barabbas instead of Jesus.

There were two trees in the garden. The tree of the knowledge of good and evil is a fractal maze that we are trapped in. The tree of life is the way of escape and the way is guarded by a flaming sword. We are children of the way. There are two geometries, physical geometry and computational geometry. Physical geometry is the illusion of the material world and computational geometry is the living word.

All of the people with PhDs would like you to think that they have somehow become experts in their field however, a PhD is only about 25% of the learning process the other 75% comes from doing the work you've originally trained for. There is no reason that an amateur could not outperform an academic provided the talent, motivation and resources are available, Tesla would be a good example. Also, academics get trapped into paradigms which can take a generation to shift. Physics is moving into information theory as a way to move forward in their understanding because they can find no reasonable explanation for things like the particle wave duality, consciousness or entanglement. The descriptive tools acquired during their academic tenure was simply not enough. I am often bullied by PhDs that don't know what their talking about. Do your research, know your subject and keep an open mind. That is the best you can do and don't worry too much about the "so called" experts, they're probably guessing just like the rest of us.

So many posts from experts that want to sell you something. It is hard for me to not be cynical. The social fabric is deteriorating and these experts can't stop it, they're too busy making a profit. If you want to earn the right to tell people how to be a leader, you should be out in the trenches, trying to do something about the madness all around us. If you don't know what I'm talking about then, you are part of the problem. I don't see leaders and followers, not anymore. I see psychopaths, useful idiots, useless eaters, and chaos. The good people of the world must be in hiding, keeping their heads down. This will turn out to be a big mistake. Things don't get better through ignorance. There is strength in numbers but the good people of the world are being tricked into fighting with each other. Should we ride this train right over the cliff all the time biquering over the best seats?

The reason for the stock market was to invest in new companies to generate wealth but it has turned into a gambling house because of human nature. Is it completely impossible to keep the good things good? If everyone wants to game the system, they will collapse the system.

You don't understand the system, no-one does. You should be looking at this thing from every angle, at every scale and maybe then you will be in a position to make a wise decision now and then.

The lust for power and the love of money will be our undoing. Humanity can survive many things but once high technology enters the picture, I can offer you no hope.

How could 8000 people control 7 billion people? Think about this. They would have to use scheming and manipulation, in fact they would need to have everyone focus on their neighbor or their brother but not their boss. The chain of command must remain strong and as long as the hierarchy is intact, control is assured. It does not matter what these 8000 want to do, they will be able to con the rest of us into compliance.

When you factor in dynamics and scale, everything changes.

I don't like to see anyone suffer. We look for ways to increase value in our life but often make mistakes.

Let's say you have a company and you tell everyone " come in for as many hours as you want, do whatever you like and name your own salary", no work would get done. Imagine if the roads had no lines, no signs, and no speed limits, the amount of suffering would outweigh the freedom of choice. It is not wise to remove the balcony rail from your ten story balcony, it is keeping you safe.

God has not revealed every mystery and so there are things I cannot explain. When you combine pure and complete innocence with full and complete wisdom, you get the person of Jesus Christ. There is only one Jesus, There is a legal system from beyond our time domain and everything must be done according to the law. The law is static, it cannot save you. What we need is dynamic, it is grace and mercy.

We're trapped in a fractal maze, the choices are not going to end. Just don't chase the money into hell.  
Don't chase the money.

The geometry of creation has a network of relationships that includes the idea that God hung the Earth from nothing (book of Job). If we think of everything in terms of information, the physical geometry doesn't matter, we live in the shadows of perception. There is what I will call the religion of the ten thousand lies, it doesn't matter which of these lies you believe, it is all the same religion.

It pleases the elite to no end, to see the sled dogs fight for the lead position however, the dogs do not have the whip and we will go over the cliff together, in agreement or disagreement.

The true value of anything is the portion of your life or soul, your willing to trade for it. Notice that we are moving in the wrong direction. In systems theory, everything matters, what we value matters. We are placing value on the wrong things and we will suffer for it. It's always about money isn't it. Money is a tool not a master and ignorant people get their priorities screwed up. Academia says "allow us to assume that the universe began from nothing and we'll explain the rest" but they can't tell us where we are or why we are here. You better know before your time comes, where the hell you are.

Who's definition of success are we using? Hollywood's? Wall street's? Washington DC's? Harvard's?  
The so called expert that is trying to sell you something?  
In the spiritual world, success is measured in souls.

In the twentieth century, governments murdered many times the number of people that were killed by  
criminals, 260,000,000.

The dead part of you (your skin) is protecting the living part of you, death and thorns began together.  
Adam was clothed in light (the light of the Word). Living systems use non-living material to protect  
themselves from other living systems and the environment but in the future the lion and the lamb shall  
lie down together.

The pyramid is a power structure, with just a few at the top. This system of power self organized from  
the constituent parts. The structure transcends the individuals. In order to describe the system, think of  
this pyramid as a slice of pizza with those in power at the point and the common folks at the crust. Each  
slice of the pizza is a different part of the system. One slice is academia, another some religion and  
another a political ideology. There are many, many slices and all of the conflict is directed around the  
crust of the pizza by design with almost none of the conflict moving towards the center. The control  
system is in the center but no-one questions their boss or their teacher etc...

The 3D version of this pizza has each slice as a separate pyramid and each of the many pyramids are  
nested together making a sphere. All of the conflict is directed around the outside of the sphere. The  
good news is, you can refuse to participate.

I have no enemies however, that doesn't mean that there are not fools in the world that would do me  
harm for some perceived profit.

Panspermia is probably wrong, not incomplete, wrong. Any explanation of origins must include the  
universe itself. The main options are, something from nothing, eternal perpetual motion and creation.

Borrowed wisdom is learning from others mistakes.

Some people are indescribably non-sensical.

Definitions are important, we all have to agree on the definitions in order to communicate. Culture is  
always shaping these dynamic expressions, sometimes in ways that are unpredictable.

Some people value fame and fortune, I value ideas.

Consciousness is a transcendent property like a pile, wetness or rigidity. There is a principle of  
organization involved. Life seeks value at the expense of truth, branching out into a network of  
associations. Meaning is built from this process.

Through Abraham, God gained the legal right to sacrifice "His" only son in fulfillment of the Law.  
Through Jesus, God gained the legal right to redeem mankind.

God does nothing outside of the Law. Freewill is a constraint on the law, God never violates our  
freewill. Faith and prayer give God the Legal Right to operate on our behalf. Adam and Eve forfeited  
the title deed of the earth to satan and Jesus purchased it back according to the Levitical law.

The universe is made of information. Truth is the highest energy state of the system. We are moving from a state of profound truth to a state of meaning gibberish. Every engine takes advantage of a difference. The core is harmonic regularity, the outer darkness is random noise, we are in the space between them. The eternal now is the processing of meaning.

The Bible is a hologram and Jesus is on every page. It is the story of redemption written out in the lives of the characters in the Bible (see the book of Ruth).

Truth as a static structure vs a dynamic system. To simplify, think of a stack of copy paper with one word on each page. Inside of time, we see each page one at a time, outside of time, all of the words, on all of the pages combine to make a single word (Jesus or Logos). This single word is truth, it is the entire story, told in an instant of time. The fractal version of this story has another feature. As each page (time) is presented to us, our intent creates a slightly new meaning that branches out, changing the story, an effect that turns the stack into a tree like structure. Special note; the law is static, but grace, mercy, and redemption are dynamic.

The were two trees in the garden, we are trapped in a fractal maze, the tree of the knowledge of good and evil, the tree of life (Jesus) is the way of escape. The way is guarded by a flaming sword (Jesus and the cross) which turned every way, to keep the way of the tree of life.

The search for truth is exactly the same as the idea of squaring the circle, in terms of meaning it is an infinite recursive iteration.

Jesus is the way, the truth and the live, we live as we understand, no understanding, no life. Jesus said follow me and you will have abundant life. We live in the shadows of perception, innocence is unfiltered perception, a belief system is unnecessary. Wisdom is the ability to look out into the future and see the consequences of every choice. Only Jesus has these qualities. There is something wrong with the universe as we perceive it. Kurt Gödel discovered that the universe is either inconsistent or it is incomplete. Science or knowledge is the same as squaring the circle, the lie in the garden, the promise of something that cannot be delivered. If the universe were built up from logic and law, time would be perfectly symmetrical or reversible. The structure of reality is a computational geometry that is fractal in nature.

The "so called" experts can't tell you why there are four gospels. They haven't done their homework. Are they lazy or stupid? I don't believe in experts. I know why there are four gospels. Hint; lion, man, ox and eagle. The mind is always searching for patterns, these patters could be real or imagined. There are only two religions The first one, I will call the religion of the ten thousand lies and this religion is all about law. The second is the religion of grace and mercy.

As soon as guns came into existence, so did the natural right to a fair and reasonable defense against them.

Metastability, Buriden's donkey, Fredkin's paradox and symmetry: If you are trying to superimpose a logic structure over a holographic structure with fractal features, the fit will always be poor.

I do not wish to debate anyone on any of my ideas. I am simply standing on a mountain of experience and telling you what I see.

Violence is the last and ridicule is the second to the last refuge of the incompetent (variation of a quote from Isaac Asimov).

There appears to be something that can only be described as militarized stupidity.

A hippie is a child like descendant of a hipster.

No behavior has an infinite set of possibilities. Think of a lightning strike, although the state space is very high, the bolt never makes a u-turn. The idea of infinities came from Feynman's thought experiment involving the twin slit measurement having an infinite number of slits. The probability distribution is not infinite, there are ratios involved. If reality contains both infinity and unity, it is either a multifaceted jewel, or the singularity dancing in which the fiddler is self referential noise.

The mind is a multidimensional mapping of some form of probability space where the information is stored in the relationships and the meaning is generated in time as a fluctuating exchange of relationships that follows a power scaling law in which very small scale fluctuations are far more common than large scale fluctuations. The best model to describe this would look something like the internet, in which one or more aspects of spacetime is scale dependent, although some form of synchronization is necessary (entanglement) and the dimensions extend into the probability space as a computational geometry that can only be described approximately rather than discretely, in other words the idea of a three dimensional coordinate system is insufficient in describing the relationships. The mind uses these maps to represent the reality it is perceiving. There is no comprehensive description of the fields involved at present. One of these fields could be described as an intentional field in which the information about the emotional state is far more nuanced and energetic than the information about the logical structure contained in the field. The material expressions we encounter are generated by the fields and the brain could be some form of antenna reading the fields.

Consciousness is an information system like the universe itself. The relationships in this system could be stable or regular (truth) or they could have variation, the more dynamic, the less truth. The information exist as levels of description. The quality of the information is different at the different levels. The system is either inconsistent or it is incomplete. If it is inconsistent, it is not completely true. If it is incomplete, the description is insufficient.

The best analogy for empty space is a superfluid.

The physical universe is the manifestation of a description in an information system.

If it is relational, there's a geometry involved. Information is stored in the relationships. Meaning is a dance of mutual expression. Expression and experience are two sides of the same coin. Perception differentiates information, information is given value, value creates desire, desire creates intention, intention becomes expression, an echoing of possibilities. Excellence requires commitment, commitment requires passion, passion requires values, values require spirit. Life is a principle of organization that is particularly concerned with value creation. Value is the perceived benefit in the process of choosing. Freewill is a branching out of choosers into a system of networked associations. Love is a dance of complementary expression. All material expressions rely on action, all actions rely on intent, all intents rely on desire, all desires rely on values, all values are tied to belief systems and all belief systems are filters. Truth is outside of time and innocence is unfiltered perception.

You will never be free from the lies until you give up the idea that you know something.

There are serious misconceptions about zero point energy. Every engine takes advantage of a difference. The quantum foam is too fine grained to tap into it.

No information about what the government is doing will be of much value to the average person. If we look for any possible value, it would be in assessing the response not organizing a defense.

What are you going to do? This would be like trying to stop the crucifixion or deciding to follow Barabbas instead of Jesus. Jesus wasn't worried about what the Romans were doing, he had a much more important mission. There are only two religions, the religion of Law (earn your way to paradise) and the religion of Grace and Mercy (Jesus provided the way). We are people of the way. So if you want to cry out for justice go right ahead but I consider grace and mercy to be a better pursuit.

In a simple example; a photon gains a quantum of energy at the beginning of its journey and gives up a quantum of energy at the end of its journey but it is not a journey through space or time, not for the photon.

Self organization has a curious feature in that the degrees of freedom for the separate parts are greater than the degrees of freedom for the collection. The reduction in the degrees of freedom is in the form of relationships and these relationships are essentially, information and so it appears that information is generated by a loss of freedom.

We no longer have a Republic or Democracy, what we have at this time is a kleptocracy.

We are moving through a landscape that appears, as it were, to be a tree like structure and at any given moment our position gives the illusion of our being at the base of this tree with some collection of choices branching out into a finer and finer, more and more ephemeral possibility, with the most desirable paths gaining elevation but requiring more effort and all of the other paths being less desirable but easier to manage. This tree like structure is a reiteration of possibilities that is always growing and so, the location we inhabit always seems to be at the base of the tree. If we could zoom out, we would see that really, we are not at the base of the structure, we are nearer to the outer branches. The iterations are always zooming in. Course grain behind, fine grain ahead.

Justice is a great and wondrous jewel which, by all rights, should contain much symmetry however, all who gaze upon it see something completely different from their neighbor. Justice should be the fair and reasonable nature of humanity but no-one agrees as to what the definition of fair or reasonable should be.

If you are arrogant, consider this, you may have become compromised by an overwhelming sense of your own importance.

Masters make very poor students.

Ideas are very much like a swift and nimble prey and so you must be ready, always, for opportunity so quickly vanishes.

Read for 20 minutes,  
reflect for 20 minutes,  
write for 20 minutes,  
repeat...

Love favors the fool, for only the fool would run into so great a folly where the outcome could not be more uncertain.

What could the devil hate more? This is the reason for the slaughter of the innocent, the snuffing out of imagination.

The greatest freedom is the freedom to desire, the greatest desire is the desire to be free.

All material expressions are, in fact, the most complete description of the information they contain.

As social systems become more complex, our ability to understand the system decreases exponentially however, our ability to destroy has increased to the point where the system itself could very quickly become irrelevant.

If there is no such thing as eternal life then, nothing we do matters. If there is such a thing as eternal life then, everything we do matters and for those who practice evil, I will tell you, your future self will hate you, your future self will want to undo all of the evil. There were two versions of Paul the Apostle, there was Paul under the law that did evil, thinking he was doing God a favor and there was Paul under grace and mercy that submitted to the will of God because of a great and incomprehensible love.

Every time power concentrates innocent people die, the more power, the more death.

As social systems become more complex, our ability to understand the system decreases exponentially however, our ability to destroy has increased to the point where the system itself could very quickly become irrelevant.

Any event that we can measure or name is the disturbance of a field.

The quality of the information contained in living systems is important to sustain life. There is a choreography or a dance going on and the material is communicating in surprising ways.

Why are the inner cities having trouble? We are not connected to nature, there are few opportunities, and it is too crowded. The government wants to create super cities and wilderness zones. Can you imagine how dull and lifeless these urban communities will be? Take your shoes off once in a while and connect to the land or suffer the consequences. God is wiser than men because, the more we are disconnected from nature, the less human we become.

As power concentrates, those that uphold the laws will become increasingly lawless.

Definition of a religitar, a Christian that pushes their beliefs on others without taking the time to connect in any meaningful way and does not understand the doctrine they are espousing.

There are only two religions. There is the religion of law, Saul and there is the religion of grace and mercy, Paul.

Nothing pisses me off faster than running out of time.

We don't need the intelligence agencies to protect us. What we need is protection from the intelligence agencies.

This is just like the mafia coming into your little shop and saying, "we're gonna sell you some protection."

You need to ask yourself, which kingdom are you fighting for?

Information is stored in the system in surprising ways, it is stored in the relationships and everything is context dependent.

Time may be fundamental but the arrow of time is probably emergent. Levels of description, scale and resolution.

Everyone is selling something, no-one comes into the world that is not trying to exert some kind of influence. If you want to have a profound influence, learning how to think is more important than learning what to think.

Our leaders will ask us to care, not about our country but about their agenda. They will ask us to kill and die for this agenda. All the while, they don't give a damn about us. Their greed and corruption will bankrupt the country. Notice that the people we are told to kill by our leaders are much more like us than our leaders are.

Imagine our society is an airplane. The government is part of the dead weight and the manufacturing workers are the engines. How big can the government get before the plane can no longer fly?

Everyone that tries to discount the Bible, does this, mainly because they don't understand the Bible. The Bible not only contains highly accurate prophecy, it also has encoded or encrypted information that has a holographic quality to it. The information is encoded in many, many, layers. Everything in the universe is made of fields, not material and all of the information is stored as nested hierarchies as a form of computational geometry that is fractal in nature and we are just beginning to understand some of these fields.

Quantum theory is a theory about information, that's all you need to know about it, now shut up and calculate.

Music is emergent and requires consciousness, without consciousness, you don't get music.

I don't believe in experts or atheist, they don't exist and because nature is lazy, probably the Plank scale is just a mathematical anomaly, in other words, there's no digital horizon, it's fractals all the way down.

When the A.I. takes over, all of the manipulation will occur beneath the level of human perception.

When guns came into existence, so too, did the right to a fair and reasonable defense against them.

The greatest danger to any country is the ignorance of its citizens.

The Darwinitards want you to believe that we descended from apes and our behavior is common to the other creatures in the natural world. At the same time, they want to pull morality out of their butt and pretend that we are a higher form of animal in some moral or spiritual sense.

We are not material creatures having a spiritual experience, we are spiritual creatures having a material experience. Humans are right in the middle of tournament and bonded pair sexual behavior.

Good people stick to the rules and evil people exploit this because they are the corruptocrats of a kleptocracy. Has it dawned on anyone that powerful idiots may have gotten together to promote their brand of stupidity.

FBI counterintelligence investigators are involved in unaccountable operations. They do not have to answer for their actions because they will always claim that National security is at stake. When they are in the hot seat they try to appear honest and professional but when they have you in the hot seat, they are completely different. I don't think any of these guys believe in God. God will be the final arbitrator.

There is no good evidence to support the idea that the material world is made up of stuff and there is no good evidence to support the idea that everything can be explained in a logical fashion. Logic itself is incomplete and if you think about this, it is very strange.

Nothing can be completely described because of levels of description. No matter how much information we use to describe a tree, it will always be incomplete. The only complete description of the tree is the tree itself. We can always add more, no question, because there is the life cycle of the tree and the context in which the tree resides until we have included everything, whatever that means.

What could balance the opposing forces debt and redemption? In any static application, law would balance these two extremes but in dynamic systems it would be grace and mercy.

Just in case you haven't been paying attention, the elite are seriously considering depopulating the planet. Our leaders are not worried about us, they are not worried about following the law, just like Hitler, they are following some dark agenda.

The order of the layers of propositions profoundly affects understanding.

As you build up an understanding of a particular discipline within the context of a larger set of disciplines, it becomes apparent that the order in which understanding accumulates in the larger set profoundly influences understanding and approach in the new set.

We all have differences and similarities, I think this is by design. We are similar to some people and different from others but imagine a piece of music with just one note, at one level of volume, repeating the same beat and tempo. Wouldn't that be a very boring song? Conservatives are very much like the foundation of a piece of music, something familiar and progressives are like the surprising bits of the piece that come along that you weren't quite expecting but yet, appreciate. Now if it isn't too far out into left field, there is a pleasant cognitive connection with the previous expectation and these surprises give the piece much more meaning and value especially when done well. So here we see a combination of the expected and the unexpected in some fluctuating ratio that must also be considered. Some people prefer lots of variation while others, not so much and it is this difference between the conservative and the progressive in some area of the social fabric on some continuum or range of expression that makes up a culture.

Scoop up a handful of sand and think of this as information. It is not infinite because it is constrained by the size of your hand and the resolution used to count the grains. This infinity is an illusion of scale.

An atheist is an agnostic with an attitude because no-one knows where we are or why we are here and so we should look for clues without assuming too much.

The difference between two isotopes of an element may be the same as the difference between a flute and a violin playing the same note. In other words, the nested structure is the same at one resolution and different at a finer resolution.

The quest for power and control by a few psychopaths at the top, will result in blowback in the system that will be extraordinarily uncontrollable.

We are not talking about waves or particles, what we are talking about is a quantum of action in a field. This thing we call a particle is a quantum of action that becomes more focused by a process we have not described and this thing we call a wave is the potential in the field. How can a wave be quantized?  
The wave is a precise ratio of potential.

Nature is lazy, the rules are simple and the results are emergent.

The biggest problem with A.I. will be overproduction. How disruptive is overproduction? As with anything it will vary with the particular situation but there will be cases when the disruption will be severe enough to cause great harm.

We become entangled by the connections in the material world, which is an interface, and our consciousness is a collection of entangled experiences.

Phase transitions and the stretching out of space must have some effect at the quantum scale. These reiterations have the quality of zooming in. Truth lives in the macro-past and uncertainty lives in the micro-future. Information is a difference that can make a difference. Truth is information that doesn't change (harmonious regularity) and self referential noise is a difference that doesn't make a difference, unless you include dithering, in the case of metastability (Buridan's donkey).

If power is ever allowed to concentrate beyond the local level and into the global scale, expect depopulation

Truth is not what you think it is so, the question becomes what can we prove. It turns out, not very much, everything is approximations. Why do we live in a universe where everything is an approximation of something else? We are trapped in a fractal maze.

Every variation in the expressions of life is triggered by an energy pattern. Symmetry is a constraint on behavior.

You should always be suspicious of those in power. They didn't get there by being nice.

Time and space are inversely proportional. Dimensions are created as nested cycles of time. These specific ratios are carried like echoes where the harmonious frequencies have more duration and the discordant ones decay quickly. When we arrive at the Plank scale I do not think we will find triangles because nature is lazy, what we will probably find is a fractal or multi-fractal feature of nested relationships.

There is a theater of consensus whereby agreement and disagreement play out their roles as allies and enemies. Value is presented to us as a mask, a map of these agreements and disagreements. It is never the truth but merely an approximation.

There are greater dangers than stupid leaders but not many.

Depopulation is on the table because those in power believe that the population has endangered the environment. Remember; it does not matter if their beliefs are true, they will act on those beliefs.

People will believe anything. How valuable is research and critical thinking? The lunatics are running the asylum, the train has left the rails, the life boat has been swamped by those we are trying to rescue. Lo the end of the Earth is nigh at hand and the oarsmen row frantically to their doom.

Q-anon has become a means for generating a massive number of YouTube videos. I do not know at this time, how much value this information contains and the reason I say this is because there could be more value in harvesting the response than there is in informing those interested in preserving liberty. The "good guys" if they exist, do not need to inform us. Why would they tell us unless it is to create a response? This idea that we have to support the good guys would include clearly defined goals.

The exercising of the will, that is accomplishment, the surrendering of the will, that is relationship.

When you think that emotion is simple, try putting your feelings into words, there are never enough.

I spend a lot of time catering to curiosity.

This awakening to discovery is too much, this rush of waking and what have we discovered, only our own delusions.

How is it possible for the mind to be an infinite state, computational system?

An echo would be a good analogy because it contains information about the source, the space and the journey in increasing complexity.

Logic itself is incomplete. The essence of being is in question here and while I am not qualified to speak for God, I think there would be harmonious regularities that would constrain the qualities we might try to describe. There would be a limit in our descriptions and understanding. All living systems seek value, even at the expense of truth. This truth is one of God's qualities. God has retained some mystery about himself and what he chooses to reveal, he reveals for His own purposes. These issues are beyond the scope of human comprehension.

Wealth has at least two aspects, wealth creation and wealth redistribution. There are two kinds of jobs, manufacturing jobs and service jobs.

Either the rabbit hole is very deep or the laws of nature have been broken. The laws are broken and have been since the fall. The reality we perceive is broken (tree of the knowledge of good and evil). We are not in the garden. These choices or freewill were God giving us permission to fail. The training wheels were taken off. The choices we make belong to us. Responsibility is something children need to learn and so is love, and so it is relationships that becomes important.

Happiness has a lot to do with expectation and acceptance.

A woman will continue to push your buttons until she can get you to say something she will never forget/forgive. Do not take the bait.

The passionate heart is not to be feared but celebrated, if you must fear, fear apathy.

Time managed by the heart is more valuable than time managed by the head.

It is not practical to waste time in self narrative, the world is out there and it is the connections that matter.

When idiots rule, dumb shit happens.

The idea of playful conflict is very strange in the sense that, it is more interesting to interrupt the harmonious regularity with a bit of well conceived conflict and the more sophisticated, the more pleasurable the experience but unsophisticated or stupid conflict looks very much like evil. There is a continuum of possibilities generated by free moral agents. What we value matters, we become what we are connected to and it is the quality or sophistication that becomes important. Truth is branching out into the nothingness as possibilities.

"You are the voice of resistance." Sounds great, right? Why are we trying to save this country, so they can murder more unborn babies? Where was the voice of resistance during the trial of Jesus? Hint; Barabbas. Which kingdom do you belong to? Why do you trouble yourself with these people, they will have their reward.

Fear porn has evolved into hope porn.

There is not a scientist on the planet that can tell you what reality is made of, not one. When the Bible says that God spoke the universe into existence, this seems to be confirmed by the research, everything is waves but we have no idea what is waving. You are not Truth, Jesus is Truth, in an information system, variation is just like echoes. We live in the shadows of perception, the echoes of creation. Please do not go all "religitard" on me, I know what I am talking about. There are only three choices.

1. The universe sprang from nothing, in the beginning was nothing, then it exploded.
2. The universe is eternal, it always existed but never runs down. Perpetual motion?
3. Intelligent design, there was a creator involved.

Pick one, I'm going with 3.

If I am trying to construct a picture, I have to use words. The picture is built up from words, metaphors, and so it is only an approximation. As Paul the Apostle said "we see through a mirror darkly." If I want to expand on this idea, it is not going to be precise. Truth is a secure foundation and branching out from this is the reality we perceive. So what is Truth branching out into? A bowl of oatmeal, a container of marbles, a sea of jelly? Do you see what I'm saying?

Jesus is the Logos, which is logic or information or maybe consciousness. God always was but he has not given us the details and so scientist like to say "where did God come from or what existed before God?" Perhaps God will tell us some day, until then I will not try to answer this question.

Trying to understand deep concepts is not the same as trying to win an argument. I am seeking understanding, it is a difficult task, not to be taken lightly. I am constantly attacked by atheist, I have been doing this a long time.

If every country exported their problems in the form of immigrants into the USA, it would not be long before our country was worse off than theirs. People in countries that do not manage their leaders and cannot produce products and services in a sophisticated manner will as a general rule, try to move somewhere else and the dysfunction will spread like a cancer.

Five stages of a purge. 1, Fake news 2, Denial of rights 3, Targeted violence 4, Round-ups 5, Genocide.

Two things, such as a car or a toaster, that are nearly identical (separate identity) separated by vast amounts of space, are still just as similar however, the same thing (same identity) separated from itself by vast amounts of time is actually less similar to itself than it was to the similar thing it was separated from in space.

Government is inherently opposed to liberty, a form of necessary evil. When parts of the government organize into a criminal enterprise as a result of greed and stupidity then it is certain that "THEY" have broken the social contract, which by definition is unlawful. Under the social contract, all laws implemented to enforce and perpetuate the corruption are null and void.

Are these geometries constructed from probability waves? The state space is being tested and explored, seeking value.

Entanglement and shared history, like an echo, contains information about the source, the journey, and the space. Notice that the echo has a fractal quality of nested information. Time or process is encoded into these nested hierarchies. Increasing cycles of time, just like zooming in on the coastline of England.

We each have our station in life and those that attempt to rise above their station are sure to encounter a lot of fuss.

If process could have more than one dimension things could move forward in time, backward in time, sideways in time, as well as up and down, and when we factor in things like scale and combinatorics, we might end up with some form of dynamic multi-fractal. If this fractal is pure information or consciousness, our description of it will always be incomplete and depend on our position in the structure. God might be the entirety of the information or the consciousness.

If you piss off someone in a position of power, you are in jeopardy, no matter how smart you are. The wisdom of your opponent and the jeopardy you face are inversely proportional.

There are so many religions today. Where did all of these belief systems come from? What do they all have in common? What have these beliefs achieved? What can we prove? It is all about knowledge, as they say, knowledge is power but power and control are an illusion. We live in the shadows of perception. Do we have the power to judge good and evil because Eve ate of the fruit? No, this knowledge represents a loss of some kind. These belief systems are filters and innocence is unfiltered perception, a belief system is unnecessary.

Wisdom is more concerned with the health of the system than the destruction of the misguided agents.

If everything is information then the difference between living and nonliving things is the quality of the information. Life exists in a stream of energy and from this extracts order.

It is not possible to understand nonsense. The imagination uses nonsense to construct possibilities and from this process a range of associations connects the impossible to the possible.

If our material reality is some form of interface and if there is another underlying geometry involved, how would we notice it? I think, levels of description in information theory or something along those lines would be useful.

Entanglement suggests some form of awareness. With humans, we are in a sense, entangled by intimate

disclosure and shared experience. The information becomes shared to some degree of resolution.

Complexity is the blending of perfect symmetry and pure randomness. This is where the arrow of time lives. I think these two extremes are elusive ideals.

Why would Susskind say that the universe looks like a Rube Goldberg machine? Either the rabbit hole is very deep or the laws of nature have been broken.

There is a principle of organization at work in the cosmos that reverses the arrow of time. Order out of chaos. The esoteric knowledge of the mystics. Life does this but it appears that the distinction between living and nonliving things is blurred.

Consensus reality and the intentional field. Our influence on the field is limited by our fine hair like connections to the field.

The presence of an event horizon suggest that the information is at maximum compression. If the information is shared or entangled then whatever is inside of the horizon is in more than one place. Fractal scaling of the event horizon. It is fractals all the way down. Nature is lazy.

Intelligence is a very subjective term. What we have right now is more like augmented intelligence. These machines are an extension of us. The singularity, if it is possible will be much different, in ways we can't predict.

So let's assume we haven't asked all of the questions we could ask. How dynamic is scale? Was the prime mover an emergent phenomena? If everything is information, where are the feedback loops? The stories we can tell have resolution. We get different stories at different scales. The image begins as a course grained image (truth is related to the symmetry) and over many iterations (time is related to the iterations) a picture or story emerges. We know where the image comes from but not the symmetry or the reiterations. Penrose talks about this zooming in effect. In deep time, the universe sort of forgets. The core is harmonic regularity, the outer darkness is random noise, we are in the space between them, every engine takes advantage of a difference. These two extremes are woven into each other. The eternal now is the processing of meaning. Echoes have a fractal quality of increasing complexity because they are carrying information about the source, the journey, and the space. Can scale be bent?. If matter can bend spacetime, what is bending scale? The path integrals are constrained by ratio so that they never completely fills the space they occupy, in the same way a tree never fill the space. In the material world we can never completely describe this tree, the best description of the tree is the tree itself. Truth lives in the macropast and uncertainty lives in the microfuture. Truth lives in a time and space where the distinction between truth and uncertainty is separated by the now.

Feynman's integral paths are constrained by the resolution of the system.

They are not infinite, they are fractal.

I think it is plausible to consider scale as relative rather than a constant.

Light is about resolution, not scale. The cut off frequencies are the result of the resolution, a fractal nesting of wavelets.

The spirits entice you, promising to give you what you want until they can change what you want.

Satan and the hive mind: Were the angels created with a form of hive mind? What influence did the tree of knowledge have on freewill? The angels don't understand freewill.

The lone genius versus the mediocrity of the committee. <https://sivers.org/book/WisdomOfCrowds>  
Wisdom of the crowd and uninformed leaders. <https://12angrymen.wordpress.com/2009/03/26/the-foolly-of-experts-and-the-wisdom-of-crowds/>

Wisdom of informed crowd with ethical leadership. <https://www.primdecision.com/avoid-group-think-achieve-wisdom-crowd/>

Liberty versus government. <https://www.activistpost.com/2011/02/real-choice-individual-liberty-vs.html>

The role of dignity and trust in social systems. <https://hbr.org/2014/04/the-power-of-dignity-in-the-workplace>

The role of outliers and innovators in group dynamics. <https://systemic-insight.com/2014/03/20/the-importance-of-outliers/>

In order for a Constitutional Republic to function properly, the citizenry and the leadership must be of good moral character. All other ideologies are concerned not with morality but with power and control.  
Social systems always self organize, power and control are an illusion.

A virus appears to be right on the border of what is commonly considered to be living/non-living. Life uses awareness to measure value. Life is particularly concerned with value and lives in a stream of energy. The quality of the information involved in terms of its sophistication requires an engine. Sean Carroll talks about adding cream to coffee. The most ordered state is highly compressible as well as the final mixed state but the middle state is complex, less compressible. Value is extracted here.

This middle state contains dynamic variation that is driven by the difference between two highly compressible states.

There are two kingdoms, the light and the dark. Light speaks of discernment and dark speaks of confusion. The powers of this world are in the darkness, that is the reason for the secrecy. When the quality of the information is good and when the sophistication is high there is a harmony of purpose where the stream of energy is not turbulent but smooth. The source of the energy is in question, all men wonder where we are and why we are here. If the source is light then the light would not be a stream of energy without darkness, every engine takes advantage of a difference. 322 (chapter and verse) in the Bible is God's concern that man has corrupted the flow of light by acquiring the knowledge of good and evil. This has caused a great deal of turbulence in the flow of energy or information. In a computer this would be very much like a virus hijacking the software. Trust was subverted by a perverse reasoning. Eve believed a lie, trusted when that trust had not been earned. The universe is now moving from a state of profound truth to a state of meaningless gibberish. This is the power of imagination.

The imagination goes where it wills, you can be set aloft by it or you can cage it with reason. The imagination uses nonsense to connect the impossible to the possible. When you encounter nonsense, you must look at it through many pairs of eyes to see whether it is sophisticated nonsense or unsophisticated nonsense because the patterns are hidden in the chaos.

There are no experts, no-one knows what this information is made of. There are no atheist, no-one is sure of anything.

Your interactions with your environment shapes your self narrative.

Bad apples in bad barrels from the bad barrel makers, it's the system stupid.

Criminals in high places are very interested in law not for the purpose of justice but for the purpose of exploitation.

Capitalism as an ideology is flawed just as every ideology is flawed. The dynamic associations require constant tuning for optimization. As an example; overproduction can have a runaway, detrimental effect on the health of the system.

The idea here is not to be married to an ideology but to think in terms of the health of the system. The systems dynamics are often a clue. Turbulence creates unpredictable outcomes and it is the desire for control that causes much of the trouble in social systems.

All ideologies are flawed for the simple reason that all people are flawed.

The cartographers became so obsessed with representation that they built a map of great precision, not realizing that representation and reality must have a distinction. Over many generations they became so good at representation that the map covered the entire territory. In time all distinctions were lost until the map became the territory. Representation and reality blended into a boundless hyper-real where few distinctions could be made and no boundary located. The creature's creation became the territory of sensory distinctions in the precession of the hyper-real. Lucidity was lost in a sea of meaning and the sensual sought out pleasure for pleasure's sake. All activity concerned itself with increasing levels of illusion, the illusion of pleasure. All activity blurred into one great orgasmic rush of pleasure where distinction disappeared.

The scientist hasn't yet realized that the measurement has become more real than the thing he is measuring.

The idea of sophistication in a system is, the various parts of the system are self correcting. Any system is a flow towards a goal with the flow having some degree of turbulence. If the system has a mechanism to explore state space, we would expect the back flow of information to optimize the outcome. The better this is managed the more the sophistication.

Value is such a subjective thing. Philosophy has moved from an attempt to understand the mysterious place we find ourselves in, to the attempt to perfect a system of logic and language. Everything is approximations. I discovered that if you look for the questions, you find more interesting answers.

I know where the exact center of the universe is and it is not located in space, it is located in time.

I would expect every religion to fracture into 10,000 versions of itself. This is because the lust for power and control is always present.

When we say that a photon is a particle and a wave, what is waving is probability, it might be no better than saying that what is waving is the relationship between space and time and that dimensions emerge in both space and time relative to the observer.

The photon is the carrier of information but it is not ones and zeros. All of these moving photons are expressing the dynamic association of relationships. The information is stored in the relationships as a fractal nesting of holographic information. The information contains no mass and the separateness is an illusion.

Lies become more complicated over time, the truth does not.

It should not be surprising that when these people figure out how to convert power into money they will.

Where does scale come from? Scale is nature repeating the same step over and over. Complexity increases over time. The more complexity, the more information. The idea of virtual dimensions is that action, in relation to its source, chooses a direction and depending on the action, creates the path it travels through, there is no empty stage that was there before the action. When a photon takes off in some particular direction a two dimensional virtual sheet is created for the wave to travel through. An interruption can create a one dimensional time-like line perpendicular to the sheet (the collapse of the wave function) to occur. The motion is transferred from these various virtual dimensions in discrete or quantum-like ratios. All of the relationships are discrete but not necessarily the scale. The curvature of space and time are variations of scale.

The multi faceted ability to negotiate with each other is subverted by power. Power doesn't negotiate.

Bitcoin, stock market? Gaming the system? I make my money the old fashion way, I produce something.

Sound financial doctrine will serve us better than passionate rhetoric.

Do not argue with people that need educating.

Does imagination fill in reality or does reality fill in imagination?

There is no proper definition of the fool, a definition would suggest that the fool is predictable.

There may be a thousand ways to do a thing but few ways to do a thing well.

Death is the cessation of an organizing principle in the operation of an information system. The activity does not end everywhere at once, the loss of fitness cascades through the system.

The crooked politicians are trying to con you into paying their salaries while they rob and cheat their way to the top of the food chain.

All of the chaos and evil of WWII was created by the idea that the ends justify the means.

As a general rule a particular ideology will say our ideology is the best, just look how bad the other ideology is doing. The flaw in every ideology is human nature, humans control every system and until humans make an effort to understand the system properly, parts of every system will suffer. This has been going on all the way back to Plato and beyond. People only care about problems that affect them directly so there is this idea that we need to get people to invest in the system in a way that generates wealth in a sustainable manner. A well designed system will self organize creating the most benefit possible and those controlling the system have to understand the system well, you can't just throw any stupid, greedy bastard into a position of power and expect good results. Brilliant checks and balances come to mind. Fairness is easy enough to understand that even a child gets it.

I have never been impressed by socialism, libertarianism, oligarchies, communism, capitalism, anarchy, etc... Why do people try to defend these systems? The founding principles of fair and reasonable social behavior that governs the affairs of men will at times need to be more flexible than a rigid set of rules.

When something stops working we need to find out why and fix it. If the fix doesn't fall into a particular ideology it is because of complexity. In some areas we are just going to have to wing it.

Hopefully there will be brilliant people around to help out but brilliant processes are better than brilliant people.

Creating an answer from axioms or rules of the game; Achilles can never overtake the tortoise because of infinite regress or Achilles will always overtake the tortoise given enough time because Achilles will always cover more distance than the tortoise in the same unit of time.

The field of consciousness is a potential in which there are virtual particles, virtual dimensions, and virtual time. Think of this as a state space in which the memory is stored as our material reality and the state space is the jumping off point for exploring new possibilities. In a quantum random walk in state space, all possibilities are explored in the entire space in an instant of time.

Two interpretations for the single particle creating a wave pattern; 1, the particle has a wave like property and 2, the direction the particle travels in is constrained in some wave like manner. Note; these directions or dimensions could be virtual. My guess would be that reality is emergent and these particles are virtual along with the dimensions, including the time dimension. The idea would be that the macro world is being constructed by the micro world. The constraint is fractal in nature.

Let's say that I have a theory that explains a very complex phenomena in exquisite detail but I explain it in Mandarin Chinese. The explanation is profound and precise there is only one problem, although you speak five languages fluently, Mandarin Chinese is not one of them. Do I have the right to call you an idiot?

The main purpose of inquiry is understanding and as the stories we tell get better, the less sophisticated stories are lost to time but if something is worth believing in it is timeless.

Society is like a group of children on the playground deciding to play a game, so they come up with a set of rules. It isn't long before the bullies in the group begin to cheat, they do this because they can. The other kids complain but to no avail. The rules don't apply to the bullies and it never occurs to the other kids that they outnumber the bullies by a wide margin. This is the way groups always organize themselves and it has nothing to do with fairness or justice.

When the unsophisticated agents begin disrupting the system to the point of collapsing the system or destroying the integrity, they must be taken out. Sophisticated agents enhance the health of the system so by definition, any excessive turbulence is unhealthy and must be scrutinized. A well designed system is self correcting with turbulence that is minimal and brief. We should be relying on our best citizens for guidance and they must possess and exercise a strong fiduciary commitment. Secrets always prevent the possibility of making our leaders accountable.

Measurement has become more real than the thing being measured.

Why does "law" change across scale?

There are layers of description, layers of meaning, and layers of interpretation. The more dynamic information becomes, the more mixing of the layers. The scale becomes important because at very large scales, the turbulence disappears. All of the meaning lives in the dynamics and reality lives in the interpretation.

Austerity is the main reason for the left/right paradigm. In times of plenty people are more generous, in times of austerity people become more divided.

How is meaning stored in state space? Meaning is intimately associated with the eternal now. Meaning in the past could only be fixed by its value in the now and is not static. Memories of the past fluctuate for every creature with any useful meaning being measured against possibilities in the future. Meaning in the future is connected to the now in such a way that the set of possibilities is always constrained by previous associations and as the dimensions increase, the possibilities increase exponentially. The more distinctions associated with a particular concept, the more constrained. The meaning of words is not stable but scale dependent, over vast periods of time, meaning changes along with all of the words in use, as a collection of interrelated elements.

Latent consciousness is the idea that a system needs devices in the environment to sense the world around it. The more it can sense the environment the more consciousness it is.

Big data only has meaning when we convert it into something meaningful like a metaphor or an image. Patterns can be so buried in the data that we have to tease it out.

As a general rule, if you have to ask, you don't want to know.

Perception always divides material reality. Division is a process and experience lives in the space of constant division. We are aware of our surroundings and not of the whole. The expressions in the material world become denser over time, not in space but in the levels of a hierarchy.

It is possible that no law is fundamental, that all law emerges from a principle of organization. Material law is constructed from a constraint of possibilities. With the highest possible symmetry, you can perform any operation and see no distinction. Until there is a distinction no behavior can be named.

A dynamic hologram starts with little or no distinctions with an engine generating novelty, over time. The reiterations produce more and more information or meaning, for the whole is everywhere and every-when and the resolution is continually increasing. The image created is what I will call the imaginarium.

Freewill is relational, no choice can be made without some perception of state space. As the resolution increases, the degrees of freedom increase and this includes the dynamics. When the nuance becomes deep enough, no choice is possible.

Chaos theory says that over time, there are many more ways to act immorally than there are to act morally. Here the definition of moral is, any behavior that contributes to the health of the system in some significant way.

Is it brave to question or to doubt? The difference between foolishness and bravery is the sophistication of the reaction. Bravery is always a reaction to a situation, foolishness doesn't need an excuse.

Law is the plate, mercy is the cake, and grace is the frosting.

Principle before personality. This is the opposite of herd behavior. You should always conduct yourself in a manner that is moral and ethical, not to win friends and influence people but because it is right. It has been said that "men are essentially good" but this is incorrect, you have to fight for principles, you have to struggle to do the right thing, it is not always easy, it is against our own nature.

In an honor culture, the members have elevated the sport of antagonization to a high art.

I have heard reports that it would take 50 agents in the field to monitor every suspected nutcase in the population, a 50 to 1 ratio. This does not speak well for the efficiency of the agencies. These agencies have been acting strange for many years, so who benefits? A tyrannical government will do what ever they have to, to disarm and silence the people.

Is it so difficult as all that, to believe such a small thing?  
Evolution is ontologically dishonest.

Continuity of consciousness. There is always some constraint on perception, choices, etc... How can a system be infinite? As we add to a system, it is the system that changes so that distinctions would probably become more fine grained over time and the continuity would be course grained.

Whether or not I get credit doesn't matter, the prize is the same, understanding.

In a stream of energy you can get very complex self organization.

If we describe time in terms of information, it would be the rate of change. If we describe space in terms of information, it would be these regions where the relationship of a difference between two or more things live. In a network the dimensions are not discrete and there is no way to determine the number of dimensions involved in complex systems.

The rest mass of a photon is only zero in relationship to a measurement and the measurement is more real than the photon. The photon exist in the relationship between space and time, like everything else and what is waving is the relationship. What is the lifetime of a photon? It depends on which clock you use and the answer can range between zero and infinity. If the clock is the photon itself, it is zero, and if the clock is at the exact center of the universe, it is infinity.

Mass can be anywhere from zero to infinity for an electron depending on the observer. For a photon that will be absorbed by an electron, the electron has infinite mass and the mass of the electron that emitted the photon can no longer be measured in relationship to the moving photon.

Deception is essential in living systems. Holarchic systems probably use dithering to hasten the decision making process.

The deeper levels of sophistication will use deception. A.I. will operate at a level beneath the perception of humans.

Freewill was not permission to succeed, it was permission to fail, just like taking the training wheels off of your kids bicycle. The Bible is a legal document for testimony in a court of law. The choices belong to us, not God, that is freewill.

I am not your enemy, that would be your self narrative.

The idea that we should have sensible rules to live by is like "traffic laws" in that we need to keep from crashing into each other. When a group (middle east) comes up with really stupid rules, we have to stop them from pushing these rules on us or we will end up just like them.

Beauty is the perfection of variation.

Infinity is all variation in one moment of time or it is all of time in one location or it is some combination of the two.

Nothing is the absence of variation at every scale.

Manipulation is a cancer to any society.

Stupid isn't a lack of intelligence, stupid doesn't operate in the realm of logic and reason.

People aren't born stupid, stupid is an art, stupid has to be developed.

Question everything? When A.I. really gets going, you won't even notice that you are being manipulated.

Beware of interdimensional aliens bearing gifts, these deceptive little bastards are parasites.

The second amendment has been doomed since the thirties. That's when they started whittling away the right to protect yourself. When guns came into existence, so too did the natural right to a fair and reasonable defense against them. The police will tell you that "you don't have the right to protect yourself, that's our job and by the way, we don't plan to do shit." The pizza guy can get to my house faster than the police. You can't sue the police for failing to protect you, many have tried. Far less than 1% of the people killed, have been killed by criminals, more than 99% have been killed legally, by governments.

No person or group of people should have enough power to control the President. Power must be broken up whenever it concentrates. Power without accountability is a prescription for disaster.

The people are controlled by power for the purpose of devouring their labor.

Force of will to secure obedience will always include deception, manipulation and coercion. The necessity to compel the population to obedience by those who wish to profit from their labor, do so by any means necessary. The advantage goes to those that are not constrained by moral conviction.

Law is by nature, static, immutable. Justice lives in the realm of dynamic tension and must maintain balance. These forces are controlled by the will of the agents involved and become so complex that the idea of fairness is always fluctuating, self organizing and seeking some ideal. All ideologies are flawed for the simple reason that all men are flawed. Angels have a form of hive mind, even the fallen angels. God's angels are not able to make the same choices as humans these choices don't exist. Whether the fallen angels had more choices in the past, I cannot say but now their choices are constrained by their fallen condition.

As the child is developing, it becomes increasingly tuned to the experiences of the mother. The child's whole existence is constructed around its experience of the world, through the mother. When the ears become developed the child recognizes the voice of the mother along with any familiar person the mother is in contact with. The child gains a deep appreciation for the mother. The child anticipates the actions of the mother. There is nothing else the child appreciates more than the mother. The child's whole world is that of the mother. What greater betrayal could there be than to choose to snuff out the life of the child.

The chief dimension of appreciation is understanding.

As soon as the legislative body discovers that it can benefit at the expense of others from the laws it creates, the social fabric begins to unravel.

Where are all the bogeymen? Every effort to identify them leads back to us. There are cycles of destruction that swirl and build and then dissipate. There are forces hidden in the folds of society that pulse and glide through the fabric of our lives. In our attempts to control the turbulence, we inadvertently divert some of the energy upon one another with the unexpected outcome causing resentment and conflict. Underneath all of this are the dark creatures that feed on our misery and when they sense food they move to places where resentment is building and add to the energy in a feeding frenzy. The stream of energy gives life to the dark and the light and it is your location in the stream that matters. The energy must flow, for without it there is nothing. The reality we construct is a collection of choices interacting within the flow.

The left wants voters that are poor hungry and stupid. This is the voter base for the left because they are dependent. Any government big enough to give you everything you need, is big enough to take everything you have. Socialism will fail for the same reason communism failed, because it makes no distinction between those who will not take care of themselves and those who cannot take care of themselves. The problem with socialism is, eventually you run out of other peoples money.

In order to make sense of the world, we ascribe meaning to the things we don't understand.

Journalism must, at the very least, rise above the juvenile behavior of those they criticize.

The beauty of a crystal lies in the frozen variation and the dynamic play of light.

So who is right? One side says, guns are necessary for self defense and the other side says the world would be a much better place if there were no guns. Humanity is a raging sea of opinions and there is no consensus when it comes to critical issues. In the book of revelation, there is this idea of a glassy sea, humanity is standing on a tranquil surface, the storm is over, we have reached agreement. It is the turbulence of opinion that creates the need for self defense, and until the turbulence has been removed by a power greater than ourselves, the guns will remain. Control is an illusion, this idea that if we come up with just the right set of rules, everything will be great, is flawed. We cannot predict with any certainty that the outcome we are looking for is obtainable, it will only fall within some range of possibilities. People are among the most unpredictable creatures. Most do not understand the nature of desire. Great men have been driven to foolish behavior in the heat of passion, and the most reasonable person can be manipulated to the point that reason no longer has an influence. To understand power, we have to understand who the power serves. To understand people, we have to understand what they value. In times of plenty, in times of peace, in the good times, we forget how valuable liberty really is, it is only when these things are lost, that we realize our mistake.

The hen has great concern for her egg. This concern lives in the emotional realm and is not constrained by intellectual processing. Emotional behaviors are passed down from generation to generation and have a great influence on the success of the organism to which it belongs.

The world is my classroom. I am a perpetual student.

Organisms and the exploration of state space: The organism must decide which strategy is best whether it is competition cooperation or some combination of the two along with a myriad of other options.

Strategies are never set in stone, so the organism behaves according to the context in which it lives.

This context is the state space. The entire universe is a state space. The now emerges from the possibilities that are ever present in the future but these possibilities are always constrained. Law changes across scale for reasons we do not yet understand. I suspect context is at play here. We have story actor and stage, process, subject and context. The past is the condensation of possibilities. Organisms live in a stream of energy. In a stream of energy you get increasingly complex levels of self organization.

There is no such thing as a quantum wave, there are only quantum ratios.

I don't believe in experts or atheist, they don't exist. Evolution is ontologically dishonest.

Emergence is a more sophisticated endeavor.

Option 1, something from nothing.

Option 2, eternal or perpetual motion.

Option 3, intelligent design.

Each of these is equally absurd and it would be dishonest to assert that you have absolute proof.

The choice becomes subjective, maybe this is by design.

Displaced culture; suppose you move into another culture where it is considered normal for a man to rape an eight year old boy until bleeding and it is normal to treat his dog better than his wife. How long would you have to live in this culture before you accepted all of their rules?

No matter which culture we are referring to or which direction the move is, I suspect that almost no-one would ever accept all of the new rules. The human heart isn't wired that way.

The geometry of representations is built from experience.

It does no harm to approach philosophy from the perspective of a poet.

The mind is never still, even in death there is activity until what remains can no longer be named.

The wave lives in a continuum, the discreteness lives in the ratios within the relationships of the measurement.

Natural law, in so far as society is concerned, is simply a collection of forces in dynamic association, seeking balance.

The sovereign power or general will of the people never seeks to harm itself, that is always caused by a particular will or subset of the body. The legislators must, at all times, remove themselves from any benefit or liability of a particular will and seek only to administer the will of the whole. When government ceases to administer the sovereign or general will of the people, the social contract is broken. The sovereign or general will is not democracy because the people do not always know how to prevent harm to the body, it is our best citizens' duty to discover the situations and methods that will best serve the sovereign or general will and at all times, work towards that aim.

I will attempt to say something Romantic:

Darling, our reproductive organs appear to be working reasonably well, shouldn't we be making copies of ourselves?

We cannot assume that humans are not flawed in every enterprise. The guidelines in the Constitution only work with an ethical and moral citizenry, (you should already know this). When the social contract is broken the methods deployed to correct the system become radically different, otherwise we quickly dissolve into tyranny. Which do you prefer, practical wisdom and a moral compass or tyranny? When we can no longer oppose government by whatever means are necessary, as Thomas Jefferson stated, then we will very quickly dissolve into tyranny. The police will do what the boss says, not what is morally expedient.

The looney left thinks that they have the right to freedom of speech and everyone that doesn't agree with them needs to shut up. When freedom of speech is gone, it will be gone for everyone. People in power will decide and power doesn't negotiate.

Our Universities routinely train common sense and critical thinking out of the students. Violence is not the problem, it is a symptom. Violence is the result of manipulation from people of influence and we cannot say without great scrutiny whether it is justified violence or unjust violence. To initiate violence without "just cause" (being self preservation, protection of property, etc...), should result in a justified response. All creatures have the right to self defense.

The Nazi's were National Socialist just like Antifa. The irony is staggering.

Anyone who thinks our leaders are squeaky clean is delusional.

The problem is power, power doesn't negotiate.

Governments don't have to be efficient, the less efficient they are, the more money they take from the citizens.

They must have stopped teaching this in school, so high school students can't be experts. In the 20<sup>th</sup> century 260,000,000 disarmed people were killed legally, by government.

Marketing enlightenment: Mankind is making for itself aprons of fig leaves, a form of religion. Unscrupulous individuals believe that they can sell you the idea that this will somehow be a benefit, the problem is worship without sacrifice. God made coats of skins and innocent blood was spilled in the process. There is no such thing as cheap salvation, it doesn't exist.

The proper definition of a crime, "harm, loss, or injury was caused by someone" but governments increasingly create laws to go after people they can't control and in so doing actually commit crimes themselves.

Wealth without work causes complacency instead of gratefulness. Pleasure without conscience causes debauchery because desire is never filled. Knowledge without character causes arrogance because we forget how little we really know. Commerce without morality causes corruption because the money we pursue will enslave us. Science without humanity causes destruction because the endless separation and division makes us competitors. Worship without sacrifice causes alienation because it is shared experience and intimate disclosure that unites us. Politics without principle causes suffering because we are flawed

humans and wisdom is rare.

Dark matter and dark energy are the manifestation of a holographic superposition and so is entanglement. How many different ways can the relationship between space and time fluctuate. Causality is a macro expression of the meaning generated by this process. The information contained in the field is distributed as a diminishing influence across space and time.

Let's say we have this 11 dimensional network of associations. How do we represent the geometry? Each of the nodes has a different collection of connections at any given point in time and no node ever has zero connections.

Every action in the network is updated globally. It would seem to me that the best way to describe this would be a holofractal superposition. The information contained in the field is distributed as a diminishing influence across space and time.

Men are always looking for enemies and if they can't find one, they will make one. No matter who is in power, some group will be singled out as an enemy and eliminated. No one can afford to let those in power become so powerful that they are able to eliminate any group they choose.

You are constantly telling stories to yourself about yourself, take great care in the stories you tell.

Time gives every action distinction. Without action, there is no time, without time, there is no distinction, without distinction, there is no action.

The list of paradoxes in the physical sciences will not shrink as we make new discoveries, in fact, it will grow.

We cannot guarantee that a revised Constitution would last over 230 years.

The value of liberty is very much like the value of dignity.

Fighting evil is the same as arguing with an idiot.

Those with the power will win. Ethics is irrelevant, justice is irrelevant.  
The corruptocrats have infiltrated everything, evil is not constrained by ethics.

You set out on a course of action and figure there are about twenty things that can go wrong, as it turns out, it was more like eighty or a hundred.

The people at the top have weapons that are, for all practical purposes, undetectable. For us there is no reasonable defense.

The material world is the condensation of information.

The bad news; you cant fix the system from inside the system. The good news; God is outside of the system.

Taking the guns from the population will cause an escalation of criminals, just like prohibition.

Those at the top are an occultocracy and their minions are the corruptocrats of a kleptocracy.

It is not wise to speak for God. For clarity look at the book of Job. Let God be true and every man a liar.

All societies form an alliance through association and agreement concerning the rights, responsibilities, and privileges of each member. There can be no privilege without responsibility. The combined strength of the union ensures the protection of the members. The leaders must at all times seek to administer the general will of the people and when they fail to do this the social contract is broken and the people are forced but not bound to obey.

It is always about money. Never trust rich people, they didn't get that way by being nice.

Once you go down the rabbit hole, don't expect anything to make sense.

A photon at rest contains no mass (no mass, no energy) and at the speed of light all of the energy is stored as a change over time and distance traveled, in other words, frequency. Does the photon disappear when it is absorbed by the electron? This would not make sense, we are not talking about particles. The scientist has not figured out that the measurement has become more real than the thing being measured.

The universe is not flat, it is nearly flat, I'm guessing puberty.

When we speak of A.I. what we are really talking about is a subset of intelligence. Imagine that a chess computer is playing against a human and the computer makes the game more challenging and interesting for the human and in the end, lets the human win. Wouldn't this generate more value than stomping the human into oblivion. Intelligence relies on meaning. We assign meaning to the world we encounter and in their own way, so will A.I. systems. Value generation will become important as the level of intelligence increases.

Truth is not what you think it is. We live in the shadows of perception. Truth is the source. Truth has the most symmetry. Truth is the highest energy state of the system. Truth is lost in the echoes of creation and there is no way back to the place where it came from. Everything is an approximation of something else, like a fractal.

Every wondrous thing is preceded by a bit of struggle or unpleasantness.

A song is very much like an airplane.  
Definition of an airplane; a series of compromises, flying in close formation.

Play is the exploration of state space.

The main point here is you have to live in the world as it exist because our influence on the world is limited, no matter how brilliant the ideology might be.

God grant me the serenity to accept the things I cannot change, the courage to change the things I can and the wisdom to know the difference.

All large societies will organize into some form of government and it will not matter if the members love freedom or not. There is no set of rules that will make men do the right thing. What we need is practical wisdom and a moral compass.

There is nothing more dangerous than concentrated stupid.

I am certain to be wrong about some things. I am just standing on my particular hill, telling you what I see.

When material in our realm becomes entangled, the information is in more than one location. A quantum, random walk in state space explores every option in an instant of time. Possibilities in state space are not constrained by a 3 + 1 coordinate system. The human mind has at least 11 dimensions. State space for the human mind is the result of a map. This map is a form of filter with many layers which represents the reality coming in from the senses. We live in the shadows of perception, what we value matters and we become what we are connected to. Resolution and scale are important, no behavior is manifest until we reach a scale where the information emerges.

We are in the middle of a phase transition from a rich ecological environment to a rich technological environment.

I'm capable of being wrong with infinite precision.

What looks desirable in the future often looks regretful in the past.

I am standing on a hill, not a mountain, just a hill and I'm telling you what I see. Some will appreciate this information and some will say I'm full of crap.

What a concept, bottom up unification.

A particular behavior moves through a system in the same way as cars move on the roadways. On the interstate, you have a large macro motion followed by main roads connecting cities and the smaller roads connecting towns and tract streets or dirt roads. As a fractal structure, the dimensions of some fields are like the interstate (think Sierpinski gasket), where one path goes a great distance and another one is very short, and when you add self organization to the mix, these behaviors begin to exhibit distinctions and influences of greater and greater complexity moving into deeper and finer levels.

Think of each dimension as a particular path on the fractal.

Gravity is a pressure gradient in the inverse relationship between space and time.

Liberty and equality are opposing forces that require balance.

How do natural systems find balance?

They have no choice, it is either balance or oblivion.

Tabula rasa is very unsophisticated, we have the material structure and the processes

(computer and software). So, how is that a blank slate?

The difference between an artist and a businessman; an artist is not constrained by financial concerns.

Society is a collection of disparate personalities struggling to be relevant.

There's a lot of broken stuff in the world.

A photon at rest is a quantum of action in a field and no longer a photon. When the electron jumps to a lower energy state, the photon is generated. When the photon is absorbed, the electron gains energy. If the photon is winking in and out of existence then, it is something other than a particle, a wave packet perhaps.

Don't think "particle," think "quantum of action in a field."

In any system, as you add to the system, the system itself changes.  
Dimensions could also be virtual like particles and the only thing that may be discrete is ratio.

No-one has a monopoly on Truth.

I don't trust Q.

I don't trust truthers.

I don't trust anyone but God.

Don't be a Q-tard.

Is stupid illegal? It should be.

The effort required to see value in the deeper layers has a payoff that moves with the dynamics of uncertainty and as the dance becomes more elaborate, it is only the anchor of understanding bound to the new and novel jumping off points that allows us to reach these far distant objectives. The ability to see value or meaning increases as the network grows.

The understanding of the familiar branches out into novelty by the degrees of freedom inherent in the position we have obtained in the landscape.

Appreciation requires understanding which is nested in time.

Dreams have at least two features, they disregard logic and they are decoupled from the conscious will. It is as if a subsystem of the mind is working out or exploring scenarios.

I get emergence, evolution, not so much.

Collecting ideas is not enough, you have to synthesize them.

Identifying a mechanism like survival of the fittest does not mean that you should exclude all other possible explanations.

If you want to use hate for some agenda, don't expect the results to be good.

I hate echo chambers, I love ideas.

You can't force ideas to be true but ideas make great jumping off points.

Identifying a mechanism like survival of the fittest does not mean that you should exclude all other possible explanations.

There are many more ways to be disordered than ordered.  
There are many more ways to be unethical than ethical.

It's difficult to be relevant in a world of distractions.

Reciprocity is the idea that a social system requires balance. The trickster seeks to unbalance the system for the purpose of creating chaos because the chaos will create something novel and unpredictable. The value or quality of the outcome is purely subjective, the balance however is destroyed and a new relationship will begin to organize itself towards a balanced state as long as it remains unperturbed. How do natural systems achieve balance, they have no choice, it is either balance or oblivion.

Do we want a God with a great capacity for love but not anger, for compassion but not jealousy.

In one sense, you might think it's more sophisticated to live purely in the realm of reason, like the psychopath but value does not live there and becomes undefinable. Desire does not live there either, only intention. Law and logic live in the realm of precise relationships. Value and desire live in the realm of the heart. The more connected you are to the rest of creation, the more you feel.

I would like to live a quiet, peaceful, simple, life. There are those around me that will, in their anger and hatred seek to punish me for such a lofty goal. Will you make yourself a friend of God or a tool for the devil? There are those that live as if nothing is a miracle and those that live as if everything is a miracle.

Freewill is a fractal probability distribution.

Only those who do not love can keep their heart safe.

The nobility are just as flawed as everyone else in that they share the same human condition.

How much of science is unsubstantiated assumptions?

We are intrigued by stories but we seldom learn from them, experience is the best teacher.

You don't have to convince anyone that pain is real, it is probably the most real thing we know of.

Humanity is like a great symphony and removing elements would only diminish the majesty, the depth and breath of our expressions and experiences, the triumphs and the tragedies. Let's just snip a few notes???

Fractals exist not only in space but also in time.

The people that try to control the system through law are the biggest fools of all. Systems self organize so, understanding becomes the thing that matters.

The tricksters in my life are always generating otter-like comments, designed to cause me

concern.

Emotion has more dimensions than intellect, spirit has more dimensions than emotion.

God is a mathematician only in the sense that music contains a mathematical component.

Idiot's always think they're right.

There is only one miracle but it is a fractal.

The first letter of the Bible is Bet or B, which represents a house, a division of the inside from the outside. So why isn't A the first letter of the Bible? A, represents preeminence, it is unity, a super prime. Bet or B is the first regular prime.

Music adds dimensions to the lyrics, in the same way that clothes make the man.

In business, you can win the argument and lose the customer. Cater to the customers needs, not wants. The goal is understanding.

Being right requires perfection, being wrong has no constraints.

The creature is not tuned to survival, it is tuned to the value in the environment.  
The woman is tuned not as a singular creature but as a composite mother/infant.

Love exist in a hierarchy, like a fractal with spiritual love being the most energetic and nuanced.

Pseudo intellectualism; the more artificial the intellect the less the sense of humor about it.

The flaming sword guarding the way to the tree of life is God protecting the way of salvation (the DNA of the Messiah).

The phrase "Noah was perfect in his generations" is a reference to his genetic purity as apposed to the nephilim.

The reason Abraham was able to produce children with his half sister would be, his DNA had less errors, which accumulate at a rate of about 130 every generation.

Points, spheres, and resolution; photons emanating from a point reach a sphere's surface at some particular time and distance interval, and if we think of the surface of this sphere as being covered in photon sized dots, what we will find is that as the size of these spheres increase so does the resolution, provided that an infinite number of photons would be emitted from the point and the observer is inside of the spheres. For the photon, the entire journey is instant, these spheres don't exist, only the electron that will absorb it exist. The electron only sees the photons it absorbs and its relationship to the environment changes as it emits or absorbs a photon. The plank length is the diameter of a photon and the resolution is the density of information on the sphere.

Light creates its own scale.

He speaks as one who has eaten spoiled food and dreamed a strange dream.

To be relevant and influential, you need three things, luck, talent, and determination.

Stare into the abyss and you will lose your ability to trust.

Perception is the mapping of the material world onto the physical structure of the creature.

Definition of overly complex; the levels of description are so deep that the meaning begins fluctuating.

Beyond these things is the folding and unfolding of meaning. The rearrangement of the map onto the creature. The branching out of possibility, the warmth of light exploring the darkness of uncertainty. The reconnecting of the thing I once loved. I don't remember how it was lost, I think the map misled me, there was a branch leading to nowhere but the map showed a certain promise of redemption, a chance to see the child, no, the union of the mother and child. The way seemed blocked by expectation and false narrative. There would be a struggle for control. There was no control, only the path and in the end, lost connections, the fading of meaning into madness.

I'm being assaulted by an accumulation of unsolvable problems.

The intellectual realm is not superior to the realm of emotion, a highly charged emotion can reduce an intellect to an idiot.

The spiritual realm is higher than the emotional realm. You are a collection of your choices. What we value matters, we become what we are connected to.

Concentrations of power are a big problem.

Go to the middle of the Sahara desert, scoop up a handful of sand and what have you got?  
The beginning of understanding.

Freewill is fractal.

You had the potential to become a great person but you chose to be a jerk.

The intellect is not more complex than emotion. The intellect resides inside of emotion (the set of all possible emotions) which resides inside of spirit. The complexity is in the number of layers involved not the resolution. A high resolution layer may be in the set of all layers with the set of all layers being more complex. The spirit or soul is the entire creature, emotion is a subset and intellect is a sub-subset. Intellect operates inside of an emotional context.

What we think of as law is intimately associated with a creator. The more sophisticated the law, the better able to retain continuity.

Knowing good from evil is judgment, the idea being "who made you judge over us." So how was innocence destroyed? If innocence is unfiltered perception then, judging filters our perception. The wisdom required to see the consequences of every choice is limited to some resolution, just like squaring the circle. When we judge, we overstep our bounds

because of complexity.

When we look into the deep past, it very quickly becomes murky.  
When we look into the distant future, it very quickly becomes dim.

Just as a judge can reinterpret the law, a blind man can misinterpret what he doesn't see.

Cultural identity regulates emotion.  
The better the match between expectation and experience, the more serotonin and the  
higher in the dominance hierarchy, the more serotonin.

Why ya gotta be so hateful? Only love has the power to heal.

Truth movement?  
Here is the truth, there is no red pill.  
You are in an Occultocracy.  
You are in their system, they're not in your system.  
You can't fix the system from inside of the system.  
There is no place you can be in this world where you are outside of the system.

Law is for government, so it is no surprise that those in power will subvert the law. There  
have always been unjust laws and rule of law has never really existed, it is just an illusive  
ideal.

Levels of description and resolution, irreducible complexity and incompleteness,  
combinatorics and networks, holograms and fractals, dynamic holograms and reiteration,  
dimensions and scale, symmetry and randomness, truth and chaos.  
The geometry of perception is built up from experience however, there is no tabula rasa, the  
structure of the creature contains predispositions.  
The academics are constrained by their paradigm.  
There are no quantum waves, only quantum ratios.

When constructing a room for recording, if we use the dimensions 1 x 1.6 x 2.6, we can  
minimize the standing waves in the room, so that no particular frequency is reinforced or  
canceled to any great extent. I think that the principle involved has a great deal to do with  
consonance and dissonance. Volume pitch and timbre are influenced by  
construction/destruction around a neutral dimension. The relationship between the  
Fibonacci sequence and phi ringing like a bell. Aesthetics is experienced as a blend of  
expectation and novelty with sophistication relying on understanding, less sophisticated is  
boring and too sophisticated is not understood or appreciated.  
The value or quality of the relationships as a meaningful expression. If the universe itself is  
seeking value, it could be in the form of a great symphony.

Jung and Pauli world clock dream 137, wheels within wheels.  
37, 73, 337 star numbers.

Trickle down stupidity.

It is a shame that when we realize how precious time is, it is already too late.

Why is the electron a perfect sphere? Imperfection is averaged out by spin.

A paradigm shift would look something like, "the universe is not made of material or stuff, it is made of information."

If evolution is correct then nature has had a great deal of time to explore state space or there are influences in the quantum domain that are able to do this much quicker. I believe the result is something like a multi-dimensional map of state space embodied in the structure of the creature. Humans are born with predispositions.

Governments are really good at creating criminal enterprises.

Imagine every point of space and time expanding as a sphere at the speed of light with each point having its own particular property. The result would be a universe of interference patterns.

Before the fall behavior was constrained by law. After the fall behavior began branching out into state space as an exploration of value with constraints being lifted and behaviors with undesirable outcomes becoming possible.

The entire world is obsessed with law, the lawful regularities of our physical reality.

The law we experience is emergent, it is fractal. There are no perfect symmetries, everything we experience is an approximation of something else.

The relationship of time and perfect law is something altogether different.

There are many more ways to be disordered than ordered. There are many more ways to be unethical than ethical. Knowing good from evil requires a level of distinction we do not have access to. Light has the ability to explore state space in an instant of time. To give light something must be consumed. Light pierces the darkness and is consumed, truth pierces the chaos and is consumed.

Each field is the mapping of a particular geometry of variation onto spacetime.

Sensation is the mapping of the environment onto the creature. Perception is the organization of sensation. Cognition is the organized integration of the mapping of sensation and perception into the map of meaning and value.

The geometry of meaning proceeds like a dance.

How to construct lock and key reiterative structures from waves?

The purpose of science? Explanatory power, prediction and control.

So what are the seven social processes that grease the slippery slope of evil?

- 1) Mindlessly taking the first small step. (Use your critical thinking).
- 2) Dehumanization of others. (If you are name calling or trolling, this is you).
- 3) De-individuation of Self. (WWG1WGA)? WTF?
- 4) Diffusion of personal responsibility. (Insanity of the mob).
- 5) Blind obedience to authority. (Q has made many mistakes, I have been watching a long

time).

6) Uncritical conformity to group norms. (Not every Q follower, just some. It takes a special kind of stupid to be a Q-tard. Do not turn Q into a cult).

7) Passive tolerance to evil through inaction or indifference. (This one is for the social media warriors).

Philip Zimbardo

Gravity is a pressure gradient between the relationship of space and time. Matter is a condensation of energy and when the information becomes dense enough you get an event horizon or a phase transition in the relationship of the dimensions involved.

The creature embodies a map of the world or environment within its structure. Culture embodies a map of all maps as a noosphere. This map is holographic, dynamic, and powerful beyond all imagination, for it is driven by imagination, the light and dark dancing.

Evolution is one of the most unsophisticated ideas ever dreamed up in the mind of man. There is an organizing principle at work in the cosmos and at each level of emergence, a new transcendent property begins expressing itself and testing state space as if it were looking for value or meaning. We are part of this process and we have no idea where it came from or where it will end. There are many that will give an explanation depending on what they are connected to but who is correct? How can we answer a question like that? Experience is a nebulous thing, we can only wonder. There are miracles everywhere you look, you just have to allow yourself to return to the mindful condition of childhood to see them. They are there whether you perceive them or not. I won't tell you what to believe, I'm telling you to look carefully into the place where you are and drink deeply from the well of experience.

The more complex the symmetry, the more constraints. Emergence relies on constraints.

If dimensions are virtual like the particles in quantum foam are virtual then, entanglement is information that is in more than one location (hologram).

There are no particles, they may be wave packets but the idea of quantum is, a precise ratio of action in relationship to the environment.

Feynman's path integral is not infinite, it is fractal.

If you look at a star many light years away, the photon that hits your eye leaves the star precisely when the timing for the journey will end at your eye because the virtual dimension of the journey is zero distance or zero time. Wheeler said that if your eye is not there to receive the photon then it won't leave the star in the distant past. If the dimension in the direction of travel is zero, you have a different relationship then if it is zero time in terms of the property of the virtual dimensions.

These stories are the entangled memories, handed down generation after generation. A part of you will continue into the distant future as the story is rewritten by your descendants. Whatever is meaningful, whatever is lovely, whatever the story becomes, your part is living there.

Arborized realities; the structure of reality is a computational geometry that is fractal in nature.

Orient yourself towards the greatest good you can conceive of and proceed courageously.

There are transcendent properties to the human mind. Computers have none of these properties, with the possible exception of the internet.

The movie "The Dark Crystal" tells a story similar to our plight.

A thousand years ago on the planet Thra, a magical crystal is cracked, which allows two new races to appear: the malevolent Skeksis, who use the power of the "Dark Crystal" to continually replenish themselves, and the kind wizards called Mystics.

The mystics are too ineffectual and isolated to have much influence on society. The Skeksis are too consumed by their own lust to be of any use to society as a whole.

We are in some form of middle world in which we have to operate on a plane that is connected to the sacred and the profane. The path through this middle world is not certain, the forces involved are not predictable. Our guide has a subtle influence on our choices because we are always connected to many other paths. These entangled connections are not guides, they are the collection of choices in our environment. Most people do not know themselves. They are swayed by every flight of fancy. They trust when trust has not been earned. There are principles involved in staying on the right path. No good will come from any of your choices without divine intervention. God weaves his purpose into the lives of his children and they only see the threads afterwards, sometimes many years later.

People who see the handiwork of God in everything are like schizophrenics, they see patterns everywhere. Not every perceived pattern is meaningful. Meaning is the goal, and patterns are the tool. At the other end of the spectrum are people who see no meaning in most of the patterns they encounter.

They believe that life is meaningless. The great majority of people only see what they want to see, because the mind does not like to be wrong. Once you have past the age of mindfulness (around seven years old) it quickly becomes difficult to revise the conceptual structure your mind has built up. This map of the world is a filtered representation that the mind uses to navigate the world. It is a mixture of reality and expectation.

Perception divides the holomovement, ritual and sacrifice, I can't tell you what it means, I can only tell you what it means to me.

Meaning is woven into the fabric of reality.

There are no irreducible conceptual structures. G Tononi is wrong.

The boundary between the material world and the world of concepts is not discrete.

Sacrifice and reward exist in the material world, beliefs do not however, beliefs become expressions and experience shapes beliefs.

Jesus was different from every other person. He had pure innocence and perfect wisdom. Innocence is unfiltered perception, a belief system is unnecessary and wisdom sees the consequences of every choice.

Adam had a form of innocence before the fall but we can't say exactly what form, and we can't say exactly how much wisdom he had. After the fall any harmonious relationships that could preserve life indefinitely were destroyed. Death and thorns began together, probably fang and claw as well.

The idea that we understand the difference between good and evil fails to consider the complexity and interconnectedness of the infinite layers of influence. Our ability to understand and control this multidimensional system is limited by the resolution of each person in relationship to the mystery of their own mind and the branching out of complexity into a universe we can't explain.

The trauma of your bliss is double think cascading into the event horizon.

Sophistication is an organizing principle.

You're only as stupid as your next mistake.

A true prophet has 100% accuracy, a false prophet is taken outside the city walls and stoned. God is serious. Any Christian that is focused on law has taken his eyes off of Jesus.

The woman desires the bad boy who is only good for her.  
The man desires the good girl who is only naughty for him.

Is a particle really a wave packet?

Could something like a "phase transition" involve dimensions that are more transitory than we imagined.

Example; a photon as a two dimensional sheet is absorbed by an electron so that the photon becomes a part of the geometry of the electron in which the electron's dimensions change in some manner.

Could "scale" have more variation and influence on space and time than our models currently predict?

Could information, scale, and gravity be intimately related?

The initiation of conflict is to push an agenda.

Maybe the reason they kicked God out of the schools and government institutions is so that they could get rid of our God-given rights.

Balance is the best ideology.

Survival of the fittest is an oversimplification because the creature is tuned to the value in the environment. All variation is constrained and sophistication emerges as a consequence of value.

If we could zoom out until the entire universe appeared as an infinitesimal point, then it becomes one thing, undifferentiated, a system in search of a narrative. The system is a form of a dance, without the dancers, there is no system. The narrative unfolds as an expression in a context. The meaning branches out as an increasingly rich and complex expression where the dancers enrich the environment and the environment enriches the dancers. As the deeper layers are expressed, more and more subtlety and sophistication is created and the process continues ad infinitum...

Value is the measure of an enriching principle of organization.