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#### The Principle of Systemic Potential

**And Assorted Implications** 

### By M. Bennett

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According to *The H Bond Theory*, the energy field we experience as life, the force that unites our cells using cooperative networks to generate a sense of self, passes through a range of frequencies known as a scalar field, the hydrogen bond.

On Earth, the energy field that we call life uses hydrogen bonds to make choices, to build bodies using elements in atomic weights between hydrogen and iron, approximately. The H Bond Theory suggests that life chooses to build physical structures with these elements as a result of gravitational limits applied to its energy field on Earth, since hydrogen is at the core of stars, but especially because iron is at the core of our planet.

## It may inhabit other elements in other gravitational conditions.



These factors, compounded by life's habitual pursuit of pH regulation, imply that the energy field we call life resides at a subatomic level of activity.

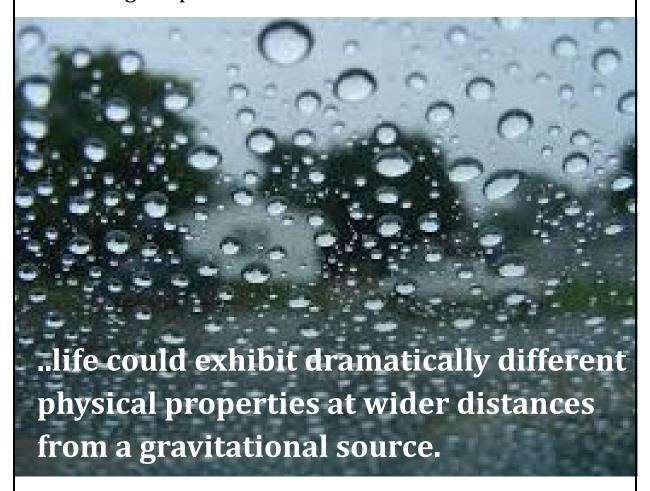
It may inhabit other elements in other gravitational conditions.



Our search for extraterrestrial life often has been a search for living bodies that reside on, that are stuck to, a gravitational source, an Earthlike home, knowing that bodies would look differently, exhibit various lengths and masses relative to the size and density of their planet and its atmosphere.

If *The H Bond Theory* is correct, however, if the field of energy we call life operates on Earth within the scalar field of hydrogen ions that we call a hydrogen bond exactly because it is has the largest percentage of negative space, of vacuum conditions, allowing life to perform subatomic interactions and communications, what biology views as cellular choices, including genetic selection, then life could exhibit dramatically different physical properties at wider distances from a gravitational source.

We are touching a gravitational source composed of iron, we are living inside of it, in fact, and the energy field we call life manipulates bodies which reflect up to that level of atomic weight, but not really more. We seem to be framed by, mathematically limited by, this threshold, proportional to our environment of overlapping gravitational conditions, some shaded graph of energetic potential.



There are several other, circumstantial reasons to suspect that the field of energy we call life has a relativistic relationship to gravity.

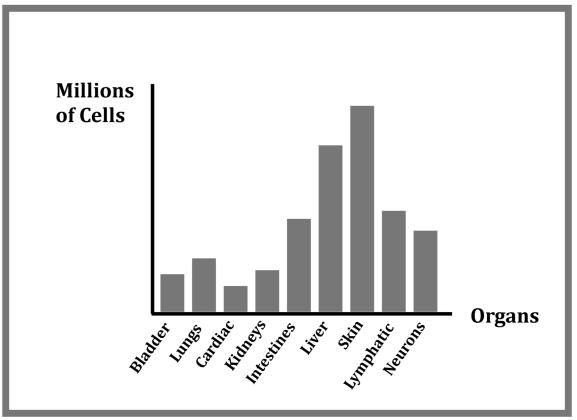


The terrestrial experience that we call death seems to mark a transfer of biological resources across an energetic threshold, such that a dead body cannot access the life field again on its own.

With assistance, however, with the external impetus of another living thing, either mechanically or medically restoring electrochemical activity to the blood current, performing CPR, transferring organs surgically to another host, even cloning DNA in a laboratory, the cooperative network that we call life can be revived at both a composite and a cellular level.

These truths demand our new definition of life as a field of energy, a cooperative network of layered values, as argued in chapter one of *The H Bond Theory*.

A graph of your life forces, therefore, might look like a measure of central tendency: with your organs, serving as the median value; your cells, as the mode; and you, your sense of self, what the book calls your presiding Agent of Choice, manipulating the sum of all values intact.



Mockup by the Author

<sup>&</sup>lt;sup>1</sup>Statement #1: Life is a field of energy that accesses particles of information to make survival choices at simultaneous points of space and time.

The H Bond Theory seeks to find more precise common denominators among our known terrestrial manifestations of the field of energy we call life in order better to document its patterns and properties.

Although attempts to calculate a constant value of force for this living network, apparently displaced during the moment of death, have failed to produce experimental results,



they were performed assuming a vertical relationship to gravity.

The H Bond Theory suggests, instead, that life exhibits tidal properties, that it seems to surf the scalar fields of a body with a physically unique, competitive, adversarial, even repulsive relationship to gravity, that it occupies an energetic space of its own somewhere beneath the hum of solid particles, making biological choices, such as pH balance, which indicate a preference for atoms with a higher percentage of vacuum conditions, elements of lower atomic weight.

Somewhere in these lowest frequencies of energetic information exchange, that is, life makes its choices, binding the elements of our bodies to an energetic plane which may possess a sort of suction, displaying theoretical qualities like antigravity. If *The H Bond Theory* is true, then calculations for the force of any individual life must incorporate the values of this lateral pull,

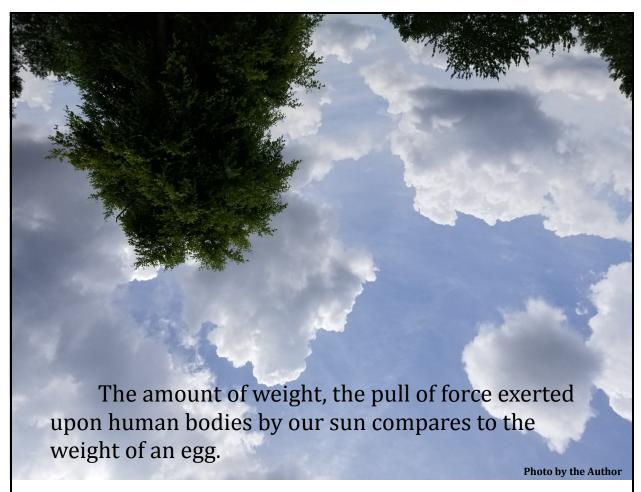


evidenced in our environment only as a bubbling network of biological choices, spanning billions of years, affecting otherwise mechanical patterns of space time. The field of energy that we call life may prove to be a real, tangible, experimentally predictable, new subatomic range of force interacting uniquely with overlapping gravitational fields, not only in ours, but also in other cosmological environments.



The amount of weight, the pull of force exerted upon human bodies by our sun compares to the weight of an egg. <sup>2</sup>

<sup>&</sup>lt;sup>2</sup>Hans C. Ohanian, Einstein's Mistakes: The Human Failings of Genius (New York: W. W. Norton & Company, 2008) p. 228



So could it be true about the peak of a self, the height of value on a composite graph of your living field energy, your presiding Agent of Choice, if its relative position with solar gravity is altered at the moment of death, then the smaller peaks within a composite graph of your life, measurements attributed to cells and organs within your previous range of energetic authority, still retain their suction, some Casimir effect,<sup>3</sup> like surface tension, to their gravitational environment for a brief time after their host organism has passed through, has dissipated,

<sup>&</sup>lt;sup>3</sup>The Casimir effect describes one tendency for quantum fluctuations to create attraction even in a vacuum.

or however it turns out that our atoms interact with these living field parameters?



Already, we know that organs live longer than their host.

It is possible to reattach severed fingers.

We can revive DNA in a laboratory by providing its hydrogen-bonded network with reentry into a living field.

These circumstances, as newly defined, predict a total calculation for some loss of force during the process of death to occur over a greater volume of space time than the momentary set of coordinates that a coroner records, generating some total value of energy lost which might prove to be close in sum to the pull of the sun's gravity on the atoms managed by that living field, not only its presiding Agent of Choice, but also other lives within the network of its physical body.

#### What we call life is not singular, then.

It has field properties which connect terrestrial atoms in a hydrogen-bonded network of energetic potential.



From this new

perspective, next, we must wonder:

is the terrestrial experience that we call death some subatomic tipping point at which the thresholds of this living field and our closest star change in mathematical relationship?

Again, any measurement of life seems to have a relativistic relationship to its gravitational environment.

Still another indication, circumstantial evidence of how gravitational fields influence the energy we call life is the habit of nocturnal sleep cycles.

When the gravitational directions of our planet and our star briefly align during sunrise and sunset, creating tidal forces,<sup>4</sup> terrestrial creatures, even microbial colonies, alter their behavioral choices.

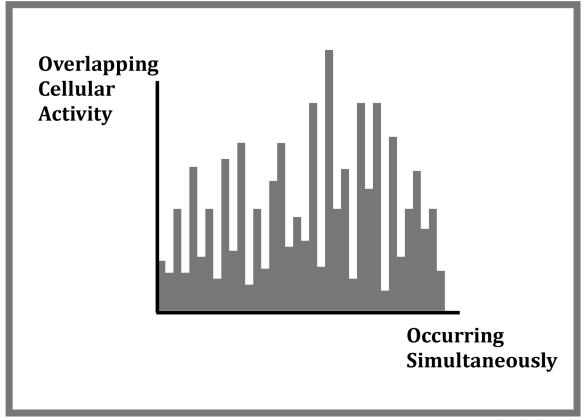


Thus, this theoretical living field, which operates between biological networks like a sort of surface tension, perhaps a Casimir effect, throughout any terrestrial body with, according to *The H Bond Theory*, some minimum ratio of hydrogen bonds to weight per volume,<sup>5</sup> seems affected by parameters set by its gravitational environment.

<sup>&</sup>lt;sup>4</sup>For the sake of argument, please concede the gravitational effects of our moon to be a contributing factor in references to our terrestrial environment.

<sup>5</sup>Statement #4: Life on Earth requires some minimum ratio of hydrogen bonds to weight per volume.

Yet again, if sleep marks an energetic precedent, the process of death, as we experience it, may be a sort of submission to the weight, the force of these competing fields: an ultimately quantifiable, momentarily predictable, subatomic event.



Mockup by the Author

This hypothesis and its predictions depend upon the notion that life demonstrates a range of field parameters which, if graphed to show its most basic interactions, its habit of making subatomic choices, might look playfully like a sketch of Andrei Linde's inflationary models of quantum fluctuations,<sup>6</sup>

<sup>6</sup>Stephen Hawking, The Illustrated A Brief History of Time (New York: Bantam Books, 1996) p. 170

including not only a peak at the top of its mathematical value, granting our familiar definition of self, but also including the measurements of smaller peaks, energetic reflections of other Agents of Choice within its range, namely, our organs and our cells.

These mathematical concepts help to justify otherwise biological statements about the nature of being found in *Godliness: The H Bond Theory,* such as the predictability of brain wave lengths during our sleep cycles.



To summarize the book: life on Earth seems to use a scalar field surrounding hydrogen ions for making biological choices.

The H Bond Theory proposes that life operates within this subtle, radiant field exactly because hydrogen ions possess the largest percentage of inner space,



because they are the atoms with the highest percentage of vacuum, which may permit the most accurate communication of subatomic instructions, like particle spin directions, for example, or other, yet unknown forms of quantum information, whatever tools life has used historically to navigate this Earth environment.



Therefore, what we call **life is** a field of energy defined by its capacity for **subatomic choice**,

steering blindly **beneath** the overlapping hum of our **gravitational fields**, electromagnetic conditions, and stronger forces, **encoded in a range of potential** deep beneath the surface of our awareness,

where we are ignorant of its vast networks,

as our pancreatic cells, no doubt, are ignorant of us.

Because hydrogen bonds, when linked in common frequencies, literally strengthen, however, *The H Bond Theory* suggests some, such scalar field properties are essential for complex biological systems.



Now, consider: the quintessence theory of dark energy<sup>7</sup> proposes it to have scalar field properties, as well.

In fact, we find overlapping circumstances surrounding the mystery called dark energy.

<sup>&</sup>lt;sup>7</sup>The quintessence theory of dark energy includes an array of dynamic explanations for the cosmological constant, suggesting that the majority of our expanding universe participates in a very low level of energy with scalar field properties which may or may not be evidence of a fifth fundamental force, capable of attraction or repulsion, dependent upon proportions of environmental radiation densities.

# There was not always life on Earth, yet now life on Earth claims space at an accelerated rate.



Except when catastrophic events, like asteroids and ice ages, created changes in elemental proportions,

#### atomic conditions,

altering environments and forcing adaptations, life increases exponentially.

Likewise,
there was
not always
dark energy
in the universe,
yet now it claims
space at an
accelerated rate.

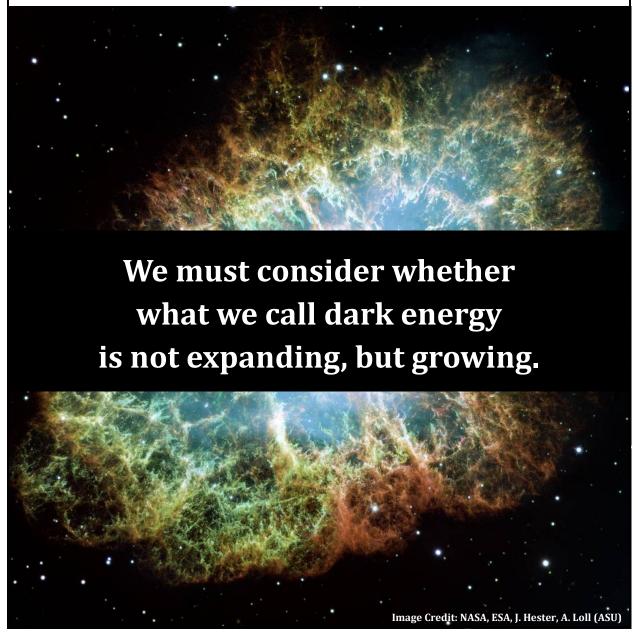


Equations attempting to measure the state of dark energy have generated a range of calculations, searching for equilibrium in the language of Einstein's theory of gravitation. Quantum mechanics, likewise, exhibits vacuum fluctuations, surprises at very low frequencies of energy density, or, rather, sufficient distances from energy density, perhaps.

Likewise, life on Earth occupies a range of expressions, based upon elemental proportions, atomic conditions, in its native environment, contingent, according to *The H Bond Theory*, upon the effects of overlapping gravitational fields.



Both concepts may prove to represent values which necessarily are variable, calculations that fall within a very tiny range of subatomic energy, and which require preexisting knowledge about distance from gravitational sources in order to plot parameters between energetic boundaries.



#### The Principle

The Principle of Systemic Potential predicts that the subatomic parameters of the energy field that we call life, bound by momentary sets of overlapping gravitational conditions, will prove to be mathematically proportional to the subatomic parameters of what we call dark energy in other gravitational conditions.

If it turns out to be true, as *The H Bond Theory* suggests, that the field of energy through which life makes biological choices is rooted in a very tiny range of subatomic potential existing close to, or perhaps suctioned between, momentary coordinates of vacuum states, possessing ultimately quantifiable boundaries, contingent upon its relative distance from gravitational fields, then it expresses parallel characteristics to the mystery of dark energy, to what Einstein called the cosmological constant.<sup>8</sup>

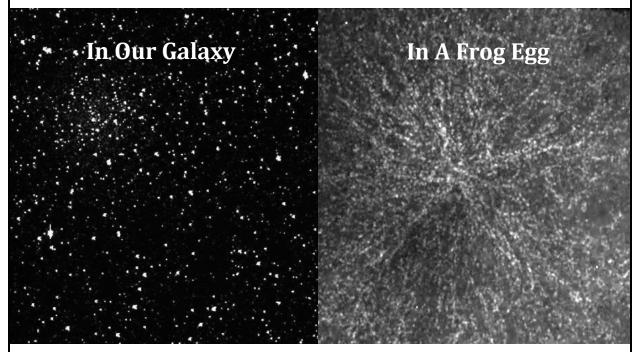


Image Credits: NASA/Ames/JPL-Caltech; www.nasa.gov

Keisuke Ishihara, Phuong A. Nguyen, Aaron C. Groen, Christine M. Field, Timothy J. Mitchison (2015) CIL:48256, Xenopus laevis, egg. CIL. Dataset. https://doi.org/doi:10.7295/W9CIL48256

<sup>8</sup>Stephen W. Hawking and Leonard Mlodinow, The Grand Design (New York: Bantam Books, 2010) p. 162

Because life exists on Earth, because there is evidence of choice9 existing at a subatomic level, then there exists a scientific precedent for some form of choice, the Systemic Potential, to exist in pockets of mathematically proportional energetic conditions anywhere in space time,10 not only confirming the relevance of further conversations about branes, 11 but also creating a cosmological model in which the swinging door between material and immaterial properties is defined not by any single, elusive, mathematical determinant, certainly no god particle, but by a very low energy source of Systemic Potential, some subatomic event horizon between conditions of vacuum in the universe, some nonparticulate texture of space time, that is, a range of values currently represented by

#### the variable we call Choice.

<sup>&</sup>lt;sup>9</sup>Statement #6: Cells cannot comprehend how or why they are alive, yet their individual, ignorant behaviors work together toward the survival of a collective, conscious identity.

<sup>10</sup> This principle does not support the notion that a living field inhabits every such pocket of vacuum conditions in the universe, just as the living field does not inhabit every single water molecule on Earth, merely that there is a scientific precedent which must be recognized for its Systemic Potential

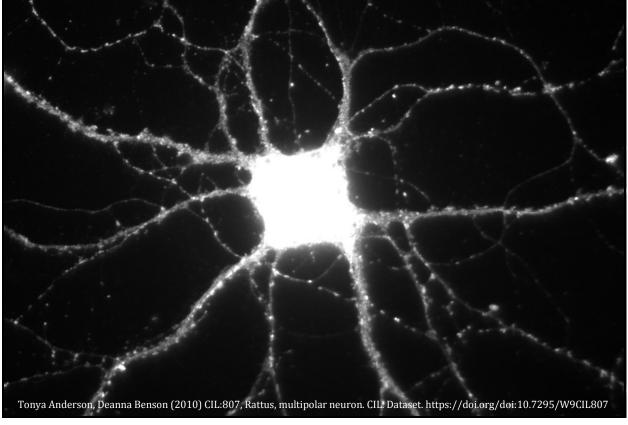
 $<sup>^{11}</sup>$ Despite failures of string theory, superstring theory and M-theory to generate satisfactory cosmological models, branes, like membranes into compact dimensions of energy and information, yet might describe our interactions.

#### **Implications**

In short, if experimental applications of *The H Bond Theory* improve statistics of survival among living things on Earth,

and if The Principle of Systemic Potential proves ultimately to demonstrate proportional values for mathematical parameters of the energy field we call life and of the cosmological phenomenon we call dark energy,

then we live in a biological universe.



Anecdotally, please consider a popular sketch depicting one possible arrangement of the energetic volume of space time: the pretzel knot.<sup>12</sup>

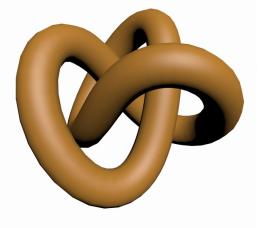


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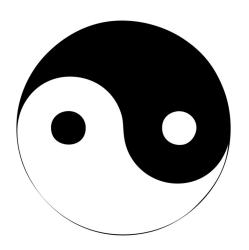


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the flow of its fields most precisely mimics the flow of blood through the chambers of a heart. Although it resembles a multidimensional infinity symbol, invoking new respect for ancient artwork of Eastern concepts,

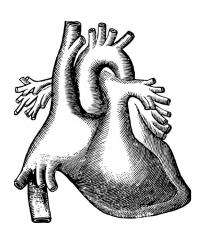
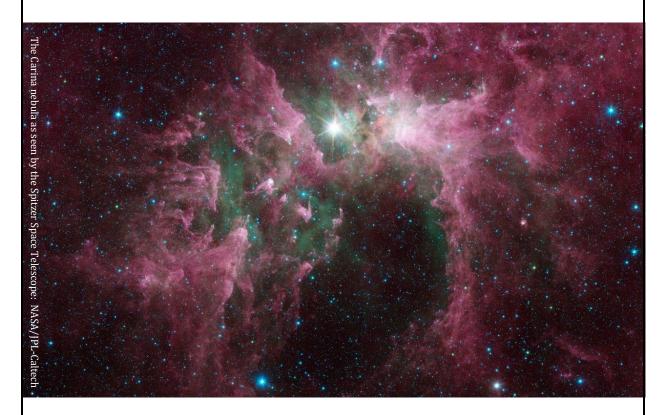


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<sup>12</sup> Stephen Hawking, The Universe in a Nutshell (New York: Bantam Books, 2001) p. 33

#### So which of the following is true?

Did a team of cosmologists accidentally perform the logical flaw of anthropomorphism, manipulating this hypothesis to create a universe in their own image?



Or did life, over billions of years, navigating the energetic hum of subatomic fields beneath our range of perception, reaching through the vacuum like a worker wearing a blindfold, build bodies that organized carbon conditions on Earth<sup>13</sup> to match patterns which exist in larger space time?

<sup>13</sup> Bruce Alberts et al., Molecular Biology of the Cell, 3rd Ed. (New York: Garland Publishing, Inc, 1994) p. 33-42

Given the persistent gaps of calculation in our cosmological models, we must consider, in our lifetimes, more literally than ever, whether we might be systems within a system.



The Horsehead Nebula, captured using infrared technology aboard the Hubble telescope mage courtesy of NASA/ Goddard Space Flight Center.

Intersecting conclusions of *The H Bond Theory* and The Principle of Systemic Potential, that is, create a shaded graph of probability that our known universe functions as a supermassive Agent of Choice.



# The Principle of Systemic Potential does not solve all of our astrophysical problems.

This principle does not support the notion that a living field inhabits every such pocket of vacuum conditions in the universe, just as the living field does not inhabit every single hydrogen bond on Earth.

It merely posits that there is a scientific precedent which must be recognized as Systemic Potential.



We have yet to determine, therefore, the energetic process which exposes environments to this subatomic level of systemic potential that we call Choice, which may prove to generate not only our tiny experience of incarnation on Earth but also a suture for our universal laws of gravitation.

It may prove to be a tearing, ripping effect that spreads necessarily from some underlying tension of cosmological forces.

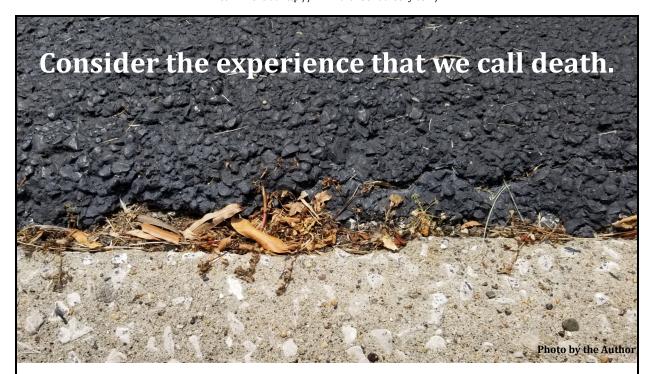


It may prove to be a smoldering, melting effect that spreads necessarily from some underlying friction of cosmological forces.

# Undeniably, **The Principle of Systemic Potential**does not answer these questions.



It simply **predicts** that **a** mathematically **proportional relationship** exists **between** energetic boundaries of **the living field** in our gravitational environment **and** energetic boundaries of **dark energy** in other gravitational environments.



Consider the experience that we call death.

Some force, existing beneath our hydrogen-bonded cell networks, bound only to bodies with sufficient access to vacuum, composed of elements with low atomic weights,<sup>14</sup> suddenly releases its suction on a host, and all former laws governing the function of that system are broken.

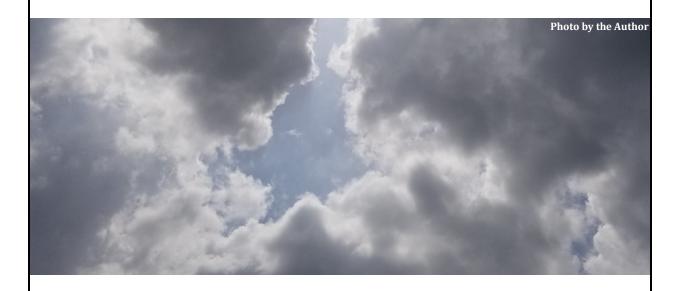
We call this "death," when the energy field that we call "life" ceases to affect the atoms of its physical body in previously predictable ways.

<sup>14</sup> Bruce Alberts et al., *Molecular Biology of the Cell*, 3rd Ed. (New York: Garland Publishing, Inc, 1994) p. 43

We can see this process because it occurs at our level of space time, within a scope of detection that permits us to identify patterns.

So what do we know about our supermassive universe?

Some force, existing within the soft tissue of the cosmos, in pockets which seem to our scanners simply to be filled with vacuum, creates suction on all four dimensions, such that, without it, all laws governing the function of our universe would be broken.



The Principle of Systemic Potential argues that these are graphically parallel phenomena.

The Principle of Systemic Potential also does not resolve whether these parallel phenomena appeared from a process that was top-down or bottom-up, although it does suggest there may be clues hidden within us.

For if the energy field that we call life, this bubbling subatomic plane of self-replicating suction, expressing some special, subatomic viscosity that complicates an otherwise predictable relationship between space and time, is mathematically proportional to the force that we call dark energy,

then the question is no longer "how did life evolve on this planet,"

but **is now**"when,

in which exact overlapping gravitational conditions of space time,

did life evolve on this planet?"

Did the texture of
Choice which exists on
our planet become
exposed from its hiding
place near a vacuum to
affect terrestrial
changes because of
some environmental
circumstances at those
exact coordinates of
space time, implying a
bottom-up process?





Or did the texture of Choice which exists in the universe make a single sweep through the cosmos like a wildfire, apprehending our planet 3.8 billion years ago, effectively planting energetic seeds within our hydrogen-bonded networks, spawning life, permitting life to inhabit our scalar fields only by way of a top-down process? Hence, we still do not know whether our initial spark of the energy field we call life came from within or without, mocking us with a repeat of the old adage, "the chicken or the egg?"



### Conclusion

What physicists are looking for, in their search for the smallest, most predictable particle of possible expression, is an energetic value for the momentary set of conditions which will balance an equation that includes all the known forces in the universe.

But the answer must be a range of values because life exists,<sup>15</sup> and life expresses a range of possible particulate expressions, a Systemic Potential, that we previously have called Choice.

# We do not live in an entirely mechanical universe because Agents of Choice exist.

Agents of Choice, that is, can manipulate some laws in our mechanical universe. According to *The H Bond Theory*, however, Agents of Choice seem to be limited by other laws, and those limits, some subatomic but theoretically codified boundaries, seem to be determined by overlapping gravitational conditions.

<sup>&</sup>lt;sup>15</sup>If you are reading this, then life is a known force that affects changes in relationship between other forces.

So if it turns out to be true that life is plugged into the same battery as the supermassive universe, some very tiny, textured range of Systemic Potential which tugs at the fates of the cosmos with what we could call Uncertainty,<sup>16</sup> or Probability,<sup>17</sup> but which we occasionally should call Choice, then the known laws of the universe will break down wherever, whenever the properties of that field change position, and matter will "die."

### Is the universe ripening?

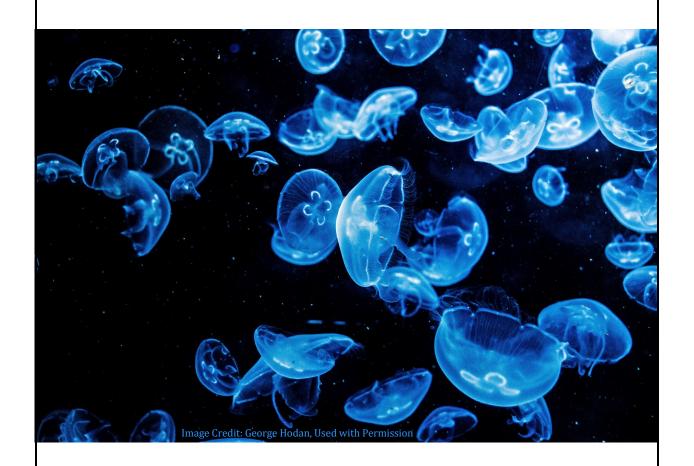


Image Credit: Petr Kratochvil

<sup>16</sup>Heisenberg's Uncertainty Principle claims that there is a mathematical limit to the precision of subatomic events.

 $<sup>^{17}</sup>$ Schrödinger's equation calculates the probability of finding a particle within a wave function at a given position.

If we dare to apply both *The H Bond Theory* and The Principle of Systemic Potential to academic problems, patterns in our world might seem less mechanical and more bioluminescent.



Future calculations regarding this range of Systemic Potential, for example, might decode the cellular circumstances for genetic mutation not only during other historical eras but also before ovulation events.



If the connection of our terrestrial bodies to our living field is so directly, quantifiably contingent upon our choice of molecular habitat and our choice of atomic diet, according to some corresponding factors of overlapping energetic conditions which either protect or disrupt access to this subatomic level of Systemic Potential, that is, then the calculations of cosmologists accidentally might illuminate new patterns within the mystery of biological evolution. 18

<sup>18</sup>When researchers Robert Wilson and Arno Penzias actually detected cosmic microwave background radiation, they first thought the hissing noise from their antenna was caused by pigeon poop.

### At last,

if experimental applications of *The H Bond Theory* improve statistics of survival among living things on Earth, and

if The Principle of Systemic Potential proves ultimately to demonstrate proportional values for mathematical parameters of the energy field we call life and of the cosmological phenomenon we call dark energy,

then we live in a biological universe.

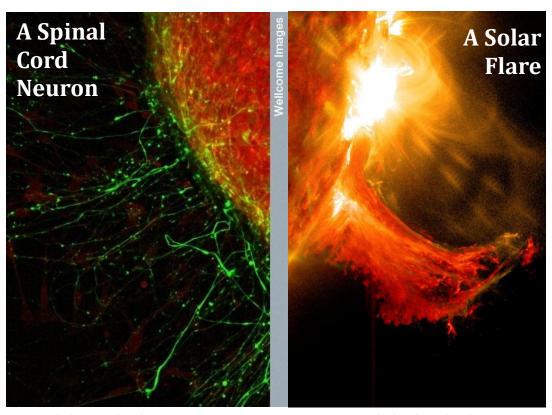


Image on the left is attributed to: Kevin MacKenzie (2011) CIL:39058, neuron of the dorsal spinal cord. CIL. Dataset. <a href="https://doi.org/doi:10.7295/W9CIL39058">https://doi.org/doi:10.7295/W9CIL39058</a>, and trimmed for impact. Image on the right is courtesy of NASA/ Goddard.

In order to find evidence in larger units of space time, we must research the energetic thresholds of our own living fields in our own gravitational environments.



Only then can we project calculations based upon patterns of observation elsewhere in the universe.



But instruments may not detect it among inanimate atoms because it may not be there.

### **Premises 1 - 5 of The H Bond Theory Argument:**

- 1. Life is an invisible field of energy that accesses particles of information to make survival choices at simultaneous points of space and time.
- 2. Life on Earth requires some minimum of liquid water.
- 3. Liquid water contains the densest ratio of hydrogen bonds to weight per volume in any solvent on Earth.
- 4. Life on Earth requires some minimum ratio of hydrogen bonds to weight per volume.
- 5. Anywhere there exists more than some minimum ratio of hydrogen bonds to weight per volume, exists a potential for an invisible field of energy that accesses particles of information to make survival choices at simultaneous points of space and time.

Learn more @ thehbondtheory.com

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### The Principle

The Principle of Systemic Potential predicts that the subatomic parameters of the energy field that we call life, bound by momentary sets of overlapping gravitational conditions, will prove to be mathematically proportional to the subatomic parameters of what we call dark energy in other gravitational conditions.

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### **Note from the Author:**

It is an honor that you would take the time and energy to read <u>The Principle of Systemic Potential</u>.

Although some of the images in this eBook are copyrighted, I grant full permission to quote its text as long as you cite attribution, please, as long as you credit your source.

But the effort required to concentrate on concepts such as these is not available to everyone. That is why I must make a sincere appeal that you share its ideas with others in your own words.

The World can grow in the humble direction of *The H Bond Theory* only if individuals like you- who possess such a focus of attention, as though each eye is a laser beam, one from either cerebral hemisphere, representing at once your curiosity and criticism, capable of burning holes in the fabric of our current reality, this stagnant, persistent ideological battle between faith and reason, tearing our civilization apart- unite to repair it, designing it according to a new era, bringing us finally together as a cooperative, not competitive, species.

Good luck.