

Exploration

A 'Retrocausal Attractor' Model of Visualization & Psychic Healing: Hyperdimensional Pilot Waves?

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Abstract

This article argues that psi demonstrates the nonlocal hyperdimensional dynamics of our Self, operating via the tachyonic *syg-energy* (postulated by the *Infinite Spiral Staircase Theory*, ISST), and it gives a specific model for *visualization* and its application in healing or *bio-PK* – both implying mind-over-matter and an influence on future events. The *Retrocausal Attractor* blends quantum retrocausality and Chaos Theory's attractor dynamics to show how visualized (projected) ideas/images have an organizing impact through a feedback loop between the (future) events-in-making/situations – accessed via the beyond-spacetime hyperdimension (HD) – and the operator's mind. Moreover, the Retrocausal Attractor's feedback loop, between one's HD Self and one's embodied mind, is a basic dynamics of thought and reflection, which sets a hyperdimensional correction mechanism built-in the mind that allows us to have awareness and ethical conscience. Syg-energy (that drives psi) consists in HD and faster-than-light (FTL) *sygons* waves; it works according to HD semantic parameters, such as semantic proximity and intensity, which are driven by attraction, resonance and harmony, and defy both C and locality – along a *Law of harmonic syg-attraction*. Finally, I'll tackle how the hyperdimension may interact with Quantum-Spacetime (QST) to effect the (healing) reorganization of complex (bio)systems, invoking the hypothesis that Bohm's Quantum Potential (and thus Pilot Waves) could be a hyperdimensional term or rather wave.

Keyword: Hyperdimension, hyperspace, hypertime, nonlocality, retrocausality, mind over matter, psychic healing, visualization, pilot waves, quantum potential, precognition.

1. Introduction

Psychology and brain sciences, as it happens, are still unhealthily attached to the materialistic paradigm governed by our good old causality principle (only a modicum of quantum processes/coherence managed to push its head up), and have been squarely repulsed by *psi weirdness*, which can only be explained by the weirdest quantum processes such as nonlocality (in the entanglement), retrocausality, and superposition of waves – processes that I consider as the signature of the hyperdimension. We are indeed lagging behind, and a *consciousness-infused cosmos* paradigm is long-overdue, one that definitely *has to* relegate the materialist and reductionist paradigm, so irretrievably outdated and flawed, to the past!

The strangeness of mental processes extends well beyond psi capacities, even if it is evidenced most conspicuously and in a factual, experimental way, with psi research. As I argued in a 2001

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paper, our most exciting and rewarding mind-psyche abilities (such as creativity, art, intuition, invention, human relationships) work through webs of inter-influences that are so complex as to instantiate clearly beyond-determinism and beyond-causality processes (Hardy, 2001). This is also why a modeling of mind capacities and psi within a hyperdimensional physics framework means nothing less than ushering a *new paradigm of nonlocal mind* – this nonlocal mind being viewed as generating *nonlocal connective dynamics based on meaning* that are specifically hyperdimensional.

My research path all along, as a systems theorist and Jungian psychology researcher, has been to develop a global theory of individual and collective consciousness first founded on systems theory, chaos theory, and rooted in cognitive sciences (*Semantic Fields Theory* or SFT, 1998), and lately as a hyperdimensional physics theory (*Infinite Spiral Staircase Theory*, or ISST, 2015), with *Cosmic DNA at the Origin*. (Both fully coherent and interlaced theories are expounding architectural/topological organization and dynamic principles, making ISST a cogent candidate to spearhead such a new paradigm.)

Now that the global frameworks of cognitive and cosmic consciousness are in place, and given that I have been a yogi and a seer since my late teens, long before I became a systems theorist, I am eager to explore the modeling of specific psi capacities and spiritual states that I have been experiencing repeatedly all along my life – meaning that I've observed first hand how they work and the real effects they may, under specific conditions, engender. And the deep coherence and overlapping of ISST and SFT should allow me to do that.

Note though, that in this article, given that I've studied psi phenomena in real life and in the laboratory, and have argued and written about them since my doctoral thesis (on paranormal phenomena and altered states of consciousness), my purpose is not to analyze experiments and stats results, as remarkable researchers already did that, some of whom I'll reference. My purpose is instead to build and propose a self-consistent theory of how psi works as a hyperdimensional dynamics and to do that step by step, by zooming in on specific psi capacities at each step.

The psi capacity I want to tackle here is a self-development technique known as *visualization* – which implies both a mind-over-matter effect (psychokinesis or PK) and an influence on future events (immediate or long-term future). When applied to healing, visualization concerns principally mind-over-biosystems, or *bio-PK*, one of the most well-proven psi phenomena, with so consistent and large effects that they cannot be reduced to chance alone (see Schlitz *et al* 2004, Schwartz & Dossey 2010, Dossey 1989; Benor 2001; Krippner and Welch 1992). Thus, the results of a meta-analysis on bio-PK done by William Braud in 1985, and using the 149 experiments conducted up to that date, showed that 53 percent of them were statistically significant – a very impressive result (when only 5 percent would show something more than chance was involved).

2. The Syg-field as Hyperdimensional Layer in All Systems

ISST posits a triune hyperdimension (HD), with not only hyperspace (Center-HD) and hypertime (Rhythm-HD), but also hyperconsciousness (Syg-HD) – this triune HD being preexistent to, and the source of, the birth of our universe. This HD, organized by a sub-Planckian and superluminous energy called *syg-energy*, is therefore in essence linked to hyperconsciousness. As human beings, our individual HD layer, called *syg-field*, is our Self (soul, atman), and the source of our psi capacities.

ISST postulates that all psi phenomena (notorious for contravening EM laws), as well as high states of consciousness, instantiate the dynamics of the HD's *syg-energy*. In SFT, I've analyzed how *syg-energy* operates in the "semantic dimension" (now modelled as hyperdimension in ISST), and I've postulated semantic parameters and dynamic processes that are non-dependent on EM and spacetime laws – such as semantic proximity and intensity – and are instead driven by attraction, resonance and harmony, and defy both C and locality.

However, if we posit a hyperdimension pervading the universe all the way back to the origin and pre-spacetime, we have then to figure that all systems, as constituent parts of the cosmos, participate in this hyperdimension. That means that all complex self-organized systems, from stellar bodies to living beings, and even to particles, have a *hyperdimension layer* – their *syg-field* – and therefore are existing both as bio/matter systems and as hyperdimensional systems; the interaction between *syg-fields* (of all types) is always two-way, each field both influencing and being influenced.

In the ISS framework, top-down processes are postulated to act from the origin toward the actual 4D systems (including minds). Yet they interact with bottom-up processes that set a creative and free input from individual minds and systems into the collective and planetary *syg-fields*, via the person's HD *syg-field*, their Self. Examples of this bottom-up dynamics are precisely intellectual creation and visualization, since the scholar and the meditator, while organizing and projecting thoughts and images, are indeed creating a whole new tiny *syg-field* – a HD network of ideas and processes – that, despite being small and purely mental, will nevertheless exist in the HD and have an impact.

The universe as a whole is self-organizing and instantiates a two-way influence between beings and systems in spacetime and the Center-Syg-Rhythm hyperdimension. ISST posits that this HD layer in all systems is compact and curled at the core of particles (as a 5th dimension), yet it also exists as a holistic individual bulk as a *syg-field* (our HD Self); the ensemble of all *syg-fields* forms the *Cosmic HD bulk* at the scale of our universe-bubble. Thus each system or being has a more or less complex *syg-field* depending on its internal complexity, from proto-consciousness in natural systems to self-referent consciousness in human beings.

3. Nonlocality & Retrocausality in Psi

Psi phenomena – telepathy, precognition, retrocognition, clairvoyance (remote-viewing), and bio-PK – do contravene the most basic EM laws (e.g. inverse square law, speed of light limit) and matter laws (e.g. material causality based on the past \rightarrow future time arrow, causal and sequential). Indeed, “material causality” needs both matter objects to affect each other and a linear and sequential time (a past \rightarrow future time arrow) for this to happen; in other words, it needs a 4D spacetime for a matter object (as the *cause* in the past) to have an effect on another such system at a subsequent time (as the future *effect*).

As a result, despite the fact that the basic psi phenomena are not only well-proven but clearly *mental* capacities, no mainstream *cognitive science* theory has been embracing them, save for integrating some of Carl Jung’s concepts, such as the *collective unconscious* – the fact that all our psyches are constantly in interaction, despite physical distance (nonlocality), in a deep strata of our individual unconscious.

Yet, laboratory experiments have shown that most psi phenomena exhibit *nonlocality*, that is, processes that operate *beyond space and time*, and thus beyond material and sequential causality (see examples of psi showing nonlocality, in Hardy, 2017.)

But *with visualization* – the mental technique used to in-form events/situations in the future – we have an added process that has been tackled only in quantum physics, and that is *retrocausality* – which implies a reversal of the time arrow in the sense that future events/systems are able to influence present and past events/systems.

Whereas causality has been classically understood as a causal mechanism in which the cause necessarily precedes the effect in a Past \rightarrow Future time-arrow, retrocausality (with a Future \rightarrow Past time arrow) has been proposed by Henri Poincaré as far back as the early 19th century (Poincaré, 1908-1952), when he suggested that retrocausality was a direct consequence of the temporal symmetry found in most equations of classical physics.

In Quantum Mechanics (QM), Richard Feynman proposed that anti-particles can be considered as standard particles moving backwards in time (along a Future \rightarrow Past axis), and that a “temporal zigzag” would thus be created. Other physicists (such as Olivier Costa de Beauregard 1963, John Wheeler, and Jack Sarfatti) therefore advocate the possibility of information coming from the future and propagating backwards in time. Let us note that teleology – Aristotle’s final cause – posits a retrocausal force whereby goals and the final state of a system are shaping its evolution in time.

John Wheeler (1990, 1998) was the one to define the strong ‘participatory anthropic principle’ (PAP) and he hypothesized that the observers from a very distant future could be the consciousnesses able to in-form the baby universe toward a life-friendly set of variables. Likewise, he thought about us living in the present, “We are participators in bringing into being not only the near and here but the far away and long ago.”

Jack Sarfatti addresses the existence of psi as a fact and a reality that clearly overrides indeterminacy: “Human consciousness represents a strong violation of orthodox quantum theory if one believes the data on remote viewing for example.” (Sarfatti 2006, 94). John Wheeler and Sarfatti posit a conscious and self-observing universe, who would be able to send the information backward to the origin and have an input in the self-creation of our universe (Sarfatti 2006, 98).

4. The Weird Syg-energy Processes at Play in Visualization & Healing

Let me define visualization more precisely as a mental or psychic self-improvement technique that consists in focusing on an aim, wrapping it up in evocative images, words, and inner feelings, and then meditate on it, with the intention of making it happen in the future (specifying the date or not). Visualization is thus the enacting of a mental influence on a future event or situation, or on the future state of a system (as in healing a bodily system, organ, or physiological process). A person may visualize that she will find soon a producer or a publisher for her works; another that he will be in top shape for his next meeting or performance; another that they will find the means to move their stuff by the end of the month; and a healer that they are sending a psychic energy that will start to heal an organ’s functioning. Because visualization puts in action an influence on collective events, it means an influence on social systems and organizations. Used in healing, it also implies a psychokinetic (PK) influence on the biological and molecular organization of bio-systems, hence the term bio-PK.

Let me clarify here what these controlled bio-PK experiments (with a large variety of targets, from bacteria in Petri dishes, to blood samples, to electric fishes) have proven: *Firstly*, as we saw, the *psychic healing* effect is so strong that it can’t be explained away by chance. *Secondly*, psi subjects were having the precise effect on samples that had been asked from them in this experimentation – thus showing that a specific *intent* and *goal* were crucial, and that these healing capacities were working *selectively* (as opposed to randomly or globally). And furthermore, healers were affecting exclusively the bio-targets selected randomly as ‘experimental samples’ (as a fictive example, the healer would have to selectively target, from their distant homes, Petri dishes 3-5-2, and not the 1-4-6 ones set in the same laboratory room that were ‘control samples’, and this while the laboratory experimenter would be blind about which category the dishes belonged to). *Thirdly*, some of these successful experiments varied the distance between the psi subjects and their targets, and in several, the healers worked from their homes, sometimes thousands of miles away – thus demonstrating the *nonlocality* of this mind-over-matter power, that ISST predicates is effected by the HD syg-energy (operating via tachyonic *sygons* waves).

Visualization, as far as I’ve been using it for many purposes (from healing to shifting a tedious task into an easily done one), and generally for improving my life, works fairly well. As stated by several researchers (Schwartz & Dossey 2010, Mishlove 1997), visualization has also been proven to be effective as far as the psychic self-healing of heavy pathologies (such as cancer) go, by several laboratory experiments. In self-healing, patients, beyond being followed by doctors, are coached by researchers to use some visualization techniques to improve their health. Some of these studies were even able to compare the effectiveness of various types of images and found

out, for example, that visualizing powerful knights battling the cancer cells within the body and organs, were the most powerful to launch a recovery path.

5. Retrocausal Attractor & Modifying Future Events/Systems

ISST, by positing a HD syg-energy, gives our holistic and creative thought-processes and psi capacities hyperdimensional dynamics and properties. Visualization, in fact, puts into play one of the weirdest aspects of consciousness-as-energy (syg-energy), because it doesn't solely send our (potent, generative) thoughts and goals toward a future time in which they have thus more chances to be realized; it has a retrocausal dynamics as well, meaning that the syg-energy we send into the future to feed the event/situation being visualized, this syg-energy is constantly fed back to our own mind and this creates, as a hyperdimensional dynamics, what I call a *Retrocausal Attractor* (in short RC-Attractor).

When a person X is visualizing an Event-OM (omega) in a future time, the Retrocausal Attractor allows to clearly map both (1) the sending of thoughts and images about the Event-OM as *proactive syg-energy*, and (2) the feedback loop to the mind of X as a *Retroactive syg-energy*. (This RC-Attractor happens even with an immediate future event, as in a healing effect for example.) Let's see how it works.

5.1 Proactive syg-energy: X creates the OM syg-field in the future time

In visualization, when the mind projects new ideas and feelings, for example, an Event-OM in a future time, this mind works as an organizing force and creates a syg-field that not only embodies X's ideas and desires about Event-OM, but also anchor them in this future time – let's call it the OM (omega) syg-field.

The best part of our mind works through the hyperdimension or syg-HD (that is, outside of spacetime) and can thus truly root itself in any future (or past) time, which is thus contiguous. Yet, it is the mind of X at their present time who is creating/sending this syg-energy. And in consequence the OM syg-field that X creates while visualizing Event-OM, is stretched in time: it instantiates generative and proactive syg-energy running between X's mind (visualizing in the present) and the OM syg-field anchored in the future. Let's be aware, though, that (as all syg-fields) the OM syg-field is a HD and dematerialized entity (a semantic constellation of images and thoughts with no links yet to our 4D reality apart from a 'future time' tag attached), until it starts, as an attractor, to bend probabilities toward itself, in which case it creates an event-in-making that already reorganizes the future spacetime situation. (See also Hardy 2003)

Given that this OM syg-field is also anchored in X's mind in the present, it sends its novel information and configuration, at each moment, back to X. It thus generates a paradoxical event-in-making reality – the Retrocausal Attractor – that blends the dynamics of hyperdimensional syg-energy (retrocausality, nonlocality) with those of chaos theory (the attractor basin in the future time, channeling probability lines to itself). (See fig. 1)

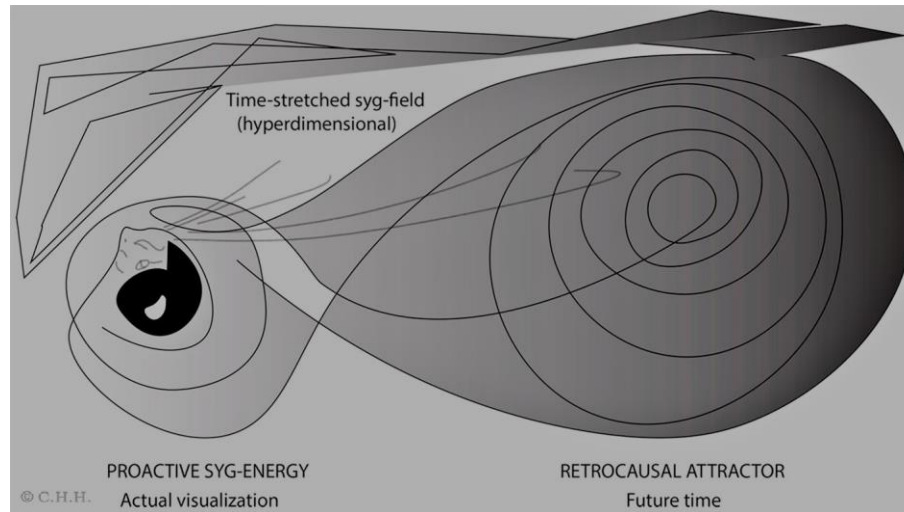


Fig. 1. Retrocausal Attractor created during visualization – part of a time-stretched syg-field (hyperdimensional), anchored both in the operator's mind (its source), and in the future visualized time. (Concept & Artwork Chris H. Hardy)

5.2 Retroactive syg-energy: feedback loop to the mind of X

With each new visualization, X's mind injects meanings into the OM syg-field, modifying its organization, while the modified organization is retrojected, or fed-back, to X. This loop lasts as long as X continues to generate new meanings about the future event, and may start all over again the next time X thinks about it or makes a new visualization. Thus, the OM syg-field in the future time retrojects its meaning back to the meditator from some point in their future; it is therefore appropriate to refer to this dynamics as instantiating a *retroactive influence* (and not *stricto-sensu* a retro-causality, since the strength of the effect is not quantitative only, but depends on the strength of the semantic parameters of syg-energy, which we'll explore below in 8.3.).

Furthermore, in the triune HD, hyperspace is enmeshed with hypertime (and syg-HD) in the same way that space and time are in 4D spacetime. Thus the OM syg-field anchored to the (visualized) future time is also anchored to the future space or environment. It follows that X's projected thoughts/images on the future event-in-making (*proactive syg-energy*) create a niche in its environment in the future. In other words, visualization influences the future physical and social space so that this Event-OM may readily happen in that environment. Moreover, this event-in-making in the future time will grow in strength, increasing the bending of probability lines around itself.

5.3 Bending probability lines & weight on specific trajectories

All the while, through the *feedback loop*, the Event-OM syg-field (the RC-Attractor) is also reorganizing X's present syg-field (X's consciousness) to render it concordant and in sync with the visualized event. For example, it will prod X to adopt thoughts and behaviors favoring and implementing their future role in the event (in the very way it has been imagined).

But the retroactive effect of the RC-Attractor is not solely of this psychological type. Just as it creates a niche in the future environment (bending social and material space), the RC-Attractor is also bending social and material probability-lines between the times of visualizations (1, 2, n) and the future time. And of course, with each new visualization, the OM syg-field will be strengthened and complexified (more detailed images and projected thoughts), which will increase the intensity of syg-energy and thus the strength of the RC-Attractor (and of the event-in-making), adding weight to the paths leading to the Event-OM.

Hence, the main *retroactive effect* of visualization consists of creating a very coherent set of probability-lines between the projected future Event-OM and the present; these probability-lines – issued from the visualized OM syg-field or OM RC-Attractor, thus running backward – are reinforcing the path (of all physical and psycho-social events) that will lead from the present to this future event.

Our projected thoughts in the present time, while visualizing a future Event-OM, thus create a syg-field of the event encroached in future spacetime – the RC-Attractor. If we add the retrocausal influence of this RC-Attractor, the whole dynamics produces a highly weighted two-way path, extremely charged of syg-energy. If I may use a poor comparison, this two-way path is so intensely charged that it creates the equivalent of magnetized rail tracks (the attractor basin) literally attracting and constraining the very suite of events in real life, in such a way as to have the greatest probability to lead to the future realization of the visualized situation.

In other words, we may picture the time-stretched syg-field as a horizontal 8 or infinity sign (∞) running between now and the future, in which there is a constant back and forth of the mind's syg-energy between now and the future event (as on fig. 1.).

Each time we visualize, our mental syg-energy reinforces the probability of the event happening in the future, by adding more weight on specific trajectories.

On the one hand, our own mental state is focused and modified so as to welcome this future event and render it possible; and thus our actions and behaviors, as well as our thoughts and feelings, will effortlessly align with it and make its reality more probable. On the other hand, the RC-Attractor also bends social and material probability-lines, both in the future environment, and in the space and time in between the visualizations and the visualized future.

Thus, on the hyperdimensional side: Indeed, most importantly, in visualization, we need to consider the role played by thoughts and consciousness as a hyperdimensional energy, syg-energy – an *active meaning* in Bohm's sense, able to act by itself (that is, according to, and proceeding with, its own meaning); and to consider also that *this syg-energy, being hyperdimensional, has the property of reorganizing bio-matter and matter processes and systems* – as demonstrated in bio-PK or healing experiments.

6. Retrocausal Attractor & HD Law of Harmonic Syg-attraction Are Basic to Mind's Routine Operations

As it turns out, processes based on the HD dynamics of syg-energy are an essential part of how our mind operates on a daily basis. Not only do we have to reckon with retrocausal processes and the Retrocausal Attractor, but also with the law of syg-attraction, ruled by semantic proximity, both being overarching in our mental processes and psi capacities.

6.1 A two-way built-in correction mechanism: HD feedback loop

The feedback loop and Retrocausal Attractor (RC-Attractor) between now and the near-future, which we have analyzed in visualization, is not limited to this specific mental process. Rather, it is how our minds operate on a moment-to-moment basis – and not only when implying a distant future as in visualization. In fact, it's the way *micro-anticipation* works in the constant steering and control of our own behaviors and actions. Each time we intend a gesture, or the next stretch of steps across the room, we do use a simple form of the Retrocausal Attractor. And similarly when we are *planning* our next task, week schedule, or our holidays. Thus the RC-Attractor is also at play in psychic healing, despite the fact that the influence on the bio-system and the feedback to the healer's mind is taking place within a few hundred milliseconds in the future, even while the healer is still sending a (proactive) flux of healing syg-energy, thus the loop is ongoing.

Furthermore, there's more to this HD dynamics than the *inversion of the time arrow*, since the high-probability paths created (retroactively) by the RC-Attractor instantiate a particular type of *coherence and match*, or '*fittingness*' between the HD and spacetime events; or more precisely, between a person's HD syg-field (and its numerous component 'semantic constellations' of task-oriented concepts and procedures) and the 4D material reality and unfolding chain of events. What I mean, applied to the Event-OM visualization, is that the OM RC-Attractor is the syg-field in the future that bears all the content of the operator's previous visualizations (aims, ideas, images, feelings...), and it is active and self-organizing (even in the intervals between the operator's visualizations/connections). Thus the OM RC-Attractor *sends his feedback to the operator/creator*, in a way that triggers a (slight) readjustment of the whole consciousness (or syg-field) of the person; and in consequence whatever belief, behavior, doubt, and the likes, that are too discrepant or incoherent with the main aim/situation visualized, will be slightly influenced or tweaked so as to realign them a bit with it.

Furthermore, we have also to envision that our ego and social consciousness are able to influence in their turn our HD Self. In other words, our ego reasoning interlaced with our body consciousness, and our cultural and collective knowledge-systems as well, would be able to influence the HD Self, and notably by a deep-rooted and earth-rooted heuristic knowledge and wisdom, artistic and imaginary capacities, as well as emotional and intellectual bonding and belonging... And with these top-down and bottom-up feedbacks, creating an ongoing loop, we end up with the symbol of the Ouroboros, and the Turning Wheel as well.

If I'm correct about that, it would mean that within our double identity-system as an intelligent being – the HD Self/syg-field, and our 4D-body-psyche neuronal/reasoning – there's a (*double*)

correction mechanism built-in the system. And this is precisely what enables us to have awareness and ethical conscience – not only self-reference but more importantly self-examination, the capacity to reflect on our actions, decisions, etc. And it also prods us to exert self-control (by self-judgment of one's own values and behavior), to grow in knowledge and hopefully wisdom, and to accrue the collectivity's knowledge-system, sensibility, spirituality, and culture. Thus, the HD syg-energy is fine-tuning mind operations, in a hardly detectable way, and yet constantly.

And as a result, this hyperdimensional feedback loop – the constant co-influence and co-evolution between the two dimensions of our being (Self and ego) – is the engine of a perpetual dynamics of change and evolution, of negentropy in the universe, all feeding and nurturing personal and collective intelligence. Add to that the fact that cosmic consciousness – our universe's syg-field – retains and memorizes (on the cosmic ISS) all the information about all living, past and future systems and their ongoing changes in our universe (the concept of Akasha) – a memory that is the sine qua non of equilibrated judgment, based on distinctions, comparisons, and past experiences. With the dynamics of change (via the feedback loop) and the knowledge-field, we have two foundational building stones of *Intelligent Life in Evolution*.

6.2 HD feedback loop and pilot waves

On deeper consideration, we have, with the feedback loop, the very way our HD-consciousness interacts continuously with our more automatic-redundant ego-driven thinking and mundane (so-called) 'reasoning' and this, to the point that the syg-energy processes are constantly, profoundly, and pointedly interlaced with our neuronal activity. The feedback loop involves both a proactive projection (of thoughts, intentions, will-to-act), and the instant retroactive feedback to our conscious mind and ego, this feedback being indubitably HD in nature and thus issued by our own Self. It then seems like we reach a milestone in the understanding of how our personal HD Self could be guiding and steering our ego, in using this feedback loop as a continuous input, yet soft and undetectable, in our conscious thought and behavior processes.

This HD feedback would also explain the still mysterious *backward referral* discovered by Benjamin Libet: a systematic neuronal activity was evidenced just prior to a percept (an image) becoming conscious – preceding by 300 milliseconds the self-awareness of one's conscious decision (and by 500ms the button-press action) (Libet et al, 1979). Using a modified Libet protocol and in the context of psi experiments testing the unconscious precognition of violent images, this capacity of *presentiment* has been corroborated, notably by Radin (2006), and Bem (2011).

Indeed, this HD retroactive information, because it is syg-energy at immensely faster-than-light (FTL) speed, even when sent from the next instant future when the dire event will occur (the harrowing pic, the lethal danger), would reach our brain's neuronal networks (processing thought, emotions, behaviors) before the event occurred. The HD retroactive information is thus totally coherent with Libet's and Radin's findings.

In that perspective, *precognition* (the psi capacity to see and know the future) can be explained by these retrocausal HD waves (in a reverse time-arrow), similar to the advanced waves from the

future that Olivier Costa de Beauregard had hypothesized, going as far as stating that the collective unconscious was spread in time (1975).

But let's rise to tackle a more pointed question. Could this retroactive syg-energy and hyperdimensional feedback loop – that, as proposed above, would undetectably but continuously steer our conscious thinking process – be the Pilot Waves postulated by Louis De Broglie and David Bohm? Pilot Waves were posited as guiding quantum processes, and notably the wavefunction via the Quantum Potential (Q), a nonlocal term introduced by Bohm. In this optic, the hyperdimensional Retrocausal Attractor (and the sygons waves of syg-energy) would be the Quantum Potential interfering with quantum waves and minutely tweaking and fine-tuning their superposed states toward the outcome envisioned by the Self. (More on pilot waves in 7.2)

6.3 The HD law of syg-attraction

The fundamental HD dynamics of syg-energy is *the attraction of the similar* – 'similar' in terms of meaningful processes, frequencies, form, structure, and proportions (numbers) as well. These similarities thus involve all meaningful processes, such as feelings, thoughts, values, behaviors, beliefs, relational styles, domains of interest, hobbies, etc. – all of which can, in the hyperdimension, be expressed as HD-frequencies. They involve as well symmetry and harmonic resonance in shapes, frequencies, volumes, proportions, topological organization, etc. This *syg-attraction of the similar* creates and/or activates spontaneous linkages between resonant and sympathetic syg-fields, and connections between minds, and between minds and natural systems or objects' eco-fields. And as such it is a HD-dynamics that allows telepathy and clairvoyance or remote viewing (seeing at a distance). To formulate this law:

Law of syg-attraction: Any partial or global similarity or semantic proximity between syg-fields (in terms of hyperdimensional thought-frequencies, emotion-frequencies, form and shape, proportions and numbers) will trigger or activate spontaneous links, or set up an ongoing linkage process, all of which create a specific connection and bonding between these systems via the hyperdimension, whether they are human beings, living beings, natural systems or objects. These links happen spontaneously in the HD, even in the absence of real-life interaction, and instantiate an inter-influence between the linked systems, that implies an exchange of information (at a distance) and a frequency harmonization. If reinforced by stronger emotions and recurrent connections in real life, the intensity of the exchanged syg-energy will be increased (reaching conscious levels as in telepathy), as well as that of the two-way influence of one system on the other.

Together, the Retrocausal Attractor and its feedback loop, as well as the law of syg-attraction, both being preponderant hyperdimensional dynamics, will ascertain the communication and exchange of information and influence between consciousnesses (syg-fields) – whether consciously or unconsciously –, and they will enable a person's Self to influence one's ego and their social and physical environment. These dynamics will carry an influence on events through the reorganization of probability lines and event-attractors. They will also buttress the mind-over-matter capacities and the reorganizing of bio-systems as in healing procedures. (I'll address this in 8.4., with the Law of mind-over-matter influence in psychic healing.)

7. Modeling How the Hyperdimension Interacts with Quantum-Spacetime

How to model the way the hyperdimension does interact with Quantum-Spacetime (QST) and how it may produce a reorganization of complex systems, including biosystems (as in psychic healing), is of course THE prominent question for us to tackle, because its answer could allow us to detect and tame the HD processes.

Let's take as our foundational predicate that a speed immensely faster than light (FTL) has been shown or deduced to exist in some processes already – the inflation phase, entanglement, gravity, and psi (Hardy, 2017, 2020a) – and that this fact alone reveals the working of a hyperdimensional process. For example, in the specific case of the inflation phase, deemed at billion times C, the process is the growth of our universe itself, and thus reaches way beyond an exchange of information (the latter sometimes invoked to explain away such FTL processes).

7.1 In terms of Minkowski's Light Cone

In Minkowski's model of the light cone, the inside of the cone is our (3D+1D) spacetime; for an observer situated at the center of the hourglass, an event (or particle) has a straight 'worldline' extending unto the future (upper cone) and issued from the past (bottom cone). (See fig. 2)

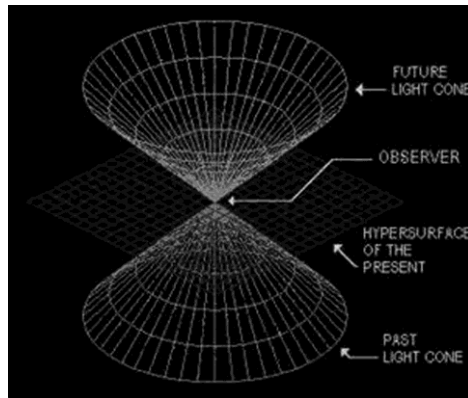


Fig. 2. Minkowski's Light Cone. Our whole spacetime stands within the future and the past cones, showing some of the possible straight paths (past-future) of the worldlines of events happening at point O (Observer). The 'Elsewhere' region is outside of the double cone.

Even in terms of spacetime, the cone modeling, despite being a breakthrough in 1908, appears now limited in the sense that it can only stand for an ensemble of single particles without any interaction with their surrounding context or with other particles. Minkowski called the outside of the cone, meaning the beyond-spacetime, the *Elsewhere*, and posited that, in it, time becomes spatialized and space becomes time-like. The *Elsewhere* is, in my view, the most staggering insight: it embeds the beyond, the unknown, in this spacetime model, and (in my ISST framework) this 'beyond spacetime' is the simplest definition of the HD. As I have indicated in *Cosmic DNA at the Origin* (221-22), the Infinite Spiral Staircase (ISS) at the origin does present a swapping of the properties of (hyper)space and (hyper)time. The ISS is a golden spiral nesting a staircase bearing, on its steps, a quasi-infinite ensemble of frequencies/rhythms (as a Fibonacci sequence), which is itself hypertime: thus, clearly Rhythm-HD (hypertime) is spread in topological, quasi-space; in brief, it is both space-like and a *time-field*. Similarly, hyperspace

(called Center-Circle-HD) on the spiral's triune hyperdimension, is a quasi-line, the spiral itself, and thus Hyperspace is time-like.

So let's represent, in this light cone, how, during a visualization, the supraconscious Self of the Observer/Operator is sending waves of hyperdimensional sygons into a specific time and place in the future (at specific future spacetime coordinates), and is thus modifying the trajectory and future state of a bundle of particles, (whose worldline is represented as a line for clarity's sake). (See fig. 3)

* The Observer doing the first visualization 1 is at the 'present' time in the first light cone, marked as O. The visualization sends a FTL curved beam of sygons S1 to reach some point in the future (omega, ω) within the worldline of the bundle of particles implying the visualized event (represented as the vertical central line in light cone 1). The sygon beam S1 deviates the path of the bundle-worldline at ω to bring it in more coherence with the visualized event.

* When a week later, visualization 2 is done at the (then) present time of the Observer at O', the sygon beam S2 deviates the path of the bundle-worldline at ω' to again bring it in more coherence with the visualized event.

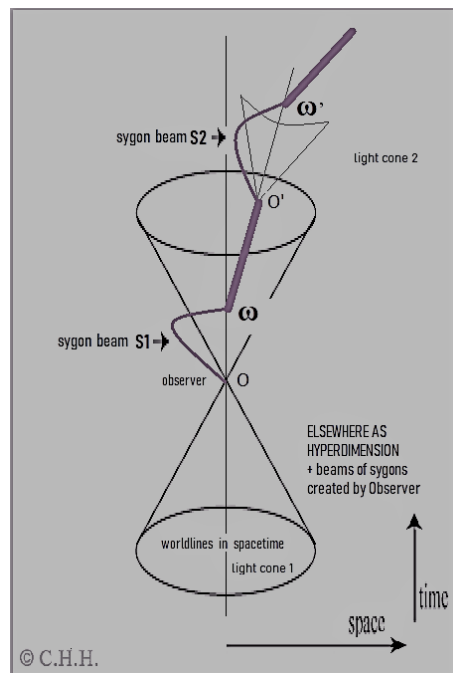


Fig. 3. Visualization's HD effect as a sygon beam deviating a worldline in the light cone. Visualization 1, by the Observer at the present time in the first light cone (marked O), sends curved sygon beam S1 that deviates the path of the bundle-worldline at ω to bring it in coherence with the visualized event. During a later Visualization 2 at O' (the then present time of light cone 2), the sygon beam S2 deviates the path of the bundle-worldline at ω' to bring it in even more coherence with the visualized event. (Concept & Artwork: Chris H. Hardy)

Thus, the HD sygons (operating in the Elsewhere, that is, the HD) are modifying the probable path of worldlines in spacetime, which means modifying the unfolding of events in the world.

7.2 In terms of Pilot Waves and Bohm's Quantum Potential

There are two noteworthy attempts at integrating consciousness into quantum scale physics, both more or less indirect. The first one is by Heisenberg and the 'orthodox' Copenhagen school of quantum physics (QM), who stated that the 'observation' (and for some, the observer, aka consciousness) introduces a modification in the organization of the quantum systems being measured or observed. (The quantum speed involved guaranteeing that whatever event is observed has already been modified.) Several physicists have argued for the involvement of consciousness in quantum processes, notably Wigner, von Neumann, Stapp, Sirag, Josephson, and Sarfatti.

However, how consciousness modifies the observed quantum system was not itself integrated within the fundamental equation of quantum physics, the Schrödinger equation. This equation describes superposed quantum waves (or states, constituting the wavefunction's state-space) and their probabilistic collapse into a particle's momentum or position in *spacetime* coordinates. Note that this is a locally constrained set of probabilities – the superposed states being 'local' that is, bound to spacetime coordinates, as the work of Bohm and Hiley (1993) has shown.

Then David Bohm proposed his **Quantum Potential (Q)** and revised the Schrödinger equation. According to Basil Hiley, Jack Sarfatti, Massimo Teodorani (and other physicists), this quantum potential introduces a **nonlocal** term in Schrödinger's equation (see Bohm & Hiley, 1993). The quantum potential is a process by which the state of a quantum system could be influenced or piloted via a **pilot wave** by another distant quantum event, in a nonlocal way. This is what we observe with the entanglement of particles and their still mysterious exchange of information at great distance that Sarfatti keenly calls "signal nonlocality," which we know cannot involve a classical transmission through spacetime (nor a classical EM-type "signal" by the way!). The eventuality was raised that, with the quantum potential, minds at a distance in space or time could now bring changes in the superposed wavefunction, although how minds were linked to Q was not explained. Furthermore, the collapse doesn't need to occur but is not forbidden altogether: the pilot wave acts as a nonlocal causal force guiding the state of the system (see Sarfatti 2006, 82-6).

Bohm postulated a deeper layer of reality (as Pauli and Jung), and called it *implicate order*, endowing it with an 'active information' that would drive the pilot waves, yet without explaining from whose mind(s) or source(s) such active information would be created. Another unsolved problem, in my view, with Bohm's brilliant and groundbreaking framework, is the strong deterministic and 'one-way' (top-down) process it posits, because all causal chains happening in the 4D world are strongly determined by the implicate order; and thus it doesn't substantiate or account for (despite mentioning it) the creative input of individual minds and complex systems. (This is, pardon me, where we see the need for psychologists, as well as human and systems scientists to fathom the bridge between our own creative and thinking individualities and a consciousness-endowed physics paradigm.)

Now, in a HD framework, the Schrödinger equation will necessarily have to include the influence or impact of a hyperdimensional nonlocal term that represents the HD syg-energy's steering of the system. In other words, Bohm's *active information* supposed to be driving the Quantum Potential (Q), itself a pilot wave steering the quantum process, becomes hyperdimensional. Of course, this could coherently fit the DeBroglie-Bohm pilot waves model, and the latter's inclusion of the nonlocal term Q in the equation.

How to endow Q with HD parameters, and how to quantify these HD parameters in the first place, is certainly a whole set of new challenges. However, let's consider for a moment that my hypothesis (Hardy, 2020b) is correct, *à savoir* that the superposed waves/states (in the wavefunction) are hyperdimensional dynamics, whereas the post-collapse position/momentum of the particle are the spacetime part of the equation.

I have in fact proposed in *Cosmic DNA*, a checkerboard in order "to represent in one single geometric grid the superposition of (1) the CSR-HD (Center-Syg-Rhythm), and (2) the Quantum-Spacetime manifold (or QST, the post-Planck scale and matter manifold). (...) The CSR checkerboard, far from being a flat mathematical matrix, points instead to a stable 'superposition' of states in all particles-strings, with a minute shift of 'focus' either to the CSR hyperdimension, or to the QST 4D spacetime. Furthermore, it is not at all probabilistic (contrary to the quantum superposition in orthodox QM), but rather an extremely rapid (sub-Planck scale) oscillation of each square in the matrix between the two foci: the CSR-focus and the QST-focus of the particle-string." (*Cosmic DNA*, 258)

If indeed the superposed waves/states (the state-space in the wavefunction) are hyperdimensional dynamics, then it would follow that the term Q could be a whole other hybrid HD-wave/ST-particle wavefunction, bearing another set of waves/states and interfering with the first one (instead of being just a term).

Let's take as an example a visualization made by a person X for her self-healing. The syg-constellation of her illness is represented by a *primary* or *alpha* wavefunction – showing the probabilities before or without visualization. The visualized OM syg-field *omega*, in its turn, is expressed by an *omega* wave-function, that will act as the term Q. Then the *alpha* wavefunction would entail, as a state-space, a set of probabilities of getting sick; whereas the Q state-space would carry a set of probabilities of getting healed. When Q interferes with the *alpha* wavefunction, it adds to it the new *omega* state-space that, having involved a focused creation of meaning, has a stronger *intensity* of syg-energy; the *omega* state-space will overpower the *alpha* state-space and bend all probabilities toward strengthening the healing outcome. In this optic, the Q/omega wave-function acts as the feedback or retroactive input from the future syg-field *omega*, correcting the odds and probable paths from sickness to healing.

8. Syg-energy Parameters and HD Connective Dynamics

Even if modeling syg-energy in hyperdimensional physics equations is still an open question, it is nevertheless possible to model its parameters, dynamics, and effects at the mind/psyche levels, on physical and bio systems, as have been my constant endeavor and goal. The relative force

(and thus influence) of a person's syg-energy is stemming from a set of parameters such as semantic proximity, intensity, coherence, and recurrence. What drives the influence of one system (or one syg-field) on another is not its hierarchical level but the intensity and coherence of its individual syg-energy. It is common wisdom that one member of a community can transform the whole community.

8.1 Syg-fields as the person's hyperdimensional layer

At the individual level, the syg-field is the superposed hyperdimensional layer of a person, their Self or supraconscious spirit, who gets more and more complex and knowledgeable with time and experience. As we saw, the triune hyperdimension, in ISST, is called Center-Syg-Rhythm HD (CSR-HD), from the three strands of the HD.

The syg-field (1) is connected to the individual being's body and environment *in spacetime*, and (2) is the hub of this individual's *interconnection with the HD* (see fig. 4).

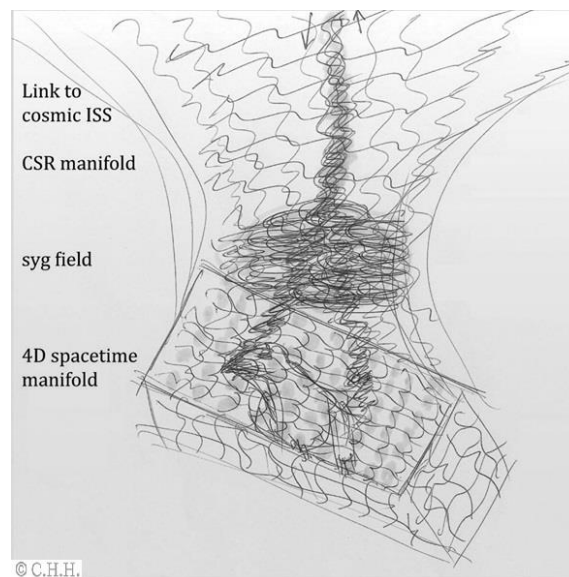


Fig. 4. Center-Syg-Rhythm (CSR) hyperdimension and its interlacing with the 4D spacetime manifold, via the bird's syg-field (the dense cloud). (Concept & Artwork: Chris H. Hardy)

A person's syg-field contains all the information about their mind/body/psyche, a complete memory bank, as well as the knowledge of probable paths in the future. A part of the syg-field, specific syg-constellations, are thus devoted to maintaining a multilayered coherence, co-evolution, and smooth operation between the HD Self, the ego, the body, and the interactions with others and with the natural environment. This is why syg-fields are multilevel dynamic networks, complex systems in which mind/body/psyche/world layers interact.

Adding a HD layer to the person's individuality leads to a *new definition of a mind*: a mind is a multilevel web that extends from (1) the brain's neuronal networks (in spacetime), to (2) quantum processes in that same brain, to (3) the hyperdimensional level (syg-field and Self).

But complex natural systems and objects also have a HD layer, an 'eco' syg-field or eco-field in short. For any system existing in the world (whether a human being, a Hopi pebble, a sacred tree, or a bird), the syg-field is a complex musical system of *entangled rhythms* (Rhythm-HD); it's a dynamic network having a *double center* (the HD Self and 4D ego), and a *circle-boundary* as its organizational closure (Center/Circle-HD); and finally it is a huge network of links, of either transient or more weighted and stable *meaningful connections* (Syg-HD) with other people, living beings and systems in the HD (via their syg-fields/Selfs). The Selfs are thus attuned and resonating to the frequencies of the Rhythm-HD in its numerous aspects such as music, global scaling, as well as syg-energy (thoughts, feelings, values, etc.).

8.2 Syg-energy as steering/organizing syg-fields and HD dynamics

Thought processes and creativity; sensing, feeling and interacting with others and the world; deciding, willing and acting; emotional, mental and psi capacities; transcendent states of consciousness and spiritual aspirations – all are processes involving meaning (as a verb, a *making sense* of oneself and the world), and therefore syg-energy. Syg-energy is nonlocal, unconstrained by space, or time, or causality. In brief, syg-energy embeds the properties of the hyperdimension's Center-Syg-Rhythm (CSR): it spans a time-field and has access (via the parameter of semantic proximity) to spatially distant events and past/future events.

Syg-energy pervades and animates the Syg-HD or collective unconscious. Each and every mind has its own links to the cosmic ISS at the origin, that is, with sympathetic and resonant ISS melodies and archetypes, via fine-tuned and unique sets of syg-frequencies.

Moreover *syg-energy* is consciousness-as-energy, creative surge, intentional focus, and affective bonding; it helps create a meaningful environment populated by meaningful beings, objects, and systems, all endowed with a syg-field with which the person is continuously interacting, setting multi-way inter-influences between them. Via our personal syg-field and the syg-energy that organizes it, a part of our being, the Self, lives continuously in the hyperdimension and partakes of its immense memory and knowledge, and is thus able to develop and operate supraconscious and psi capacities.

Syg-energy, as a negentropic force in action in the universe, allows each system to self-organize as an entity (with its own individuality) and thus to increase its own complexity. For self-conscious minds, it allows the creation of meaningful interactions with others and the world from the viewpoint of a specific subject or observer – an 'I' who instantiates a 1st person's perspective.

Similarly, at the collective level, people and communities are co-creating meaningful cultures, and at the holistic level of Earth, all minds are co-creating the *planetary syg-field* of which each of us is not only an intelligent and relatively autonomous facet, but also a creative and innovative part who has the capacity to influence a whole culture and even the planetary syg-field.

8.3 Syg-energy parameters

Visualization techniques are a great way to understand how syg-energy works and which parameters increase our chances of getting results. I've been able to sort out five parameters of the connective dynamics at play in the HD and thus in syg-energy, and all of them are easily

testable in visualization; they are semantic proximity, contiguity, intensity, coherence, and recurrence.

- *Semantic proximity*: the similarities and nearness of meaning, between two syg-fields (persons, systems); the correspondences and likenesses of meaning, feelings, values, form, etc., that lead to sympathy, empathy, love, meaningful connection to people, places, objects, as well as psychological bonding. It creates spontaneous syg links among syg-fields – friendship or love between people, but also agreement and accord in values or worldviews, or convergence of ideas. It is also measuring *partial similarity of form* or proportion, exact symmetry or opposition, as well as resonance in syg-constellations, spontaneous links between syg-fields and eco-fields (a person and their home, an artist and their artwork, a musician and their instruments).
- *Contiguity*: this parameter applies to *spatial contiguity* (e.g. the necessary interactions between a family's collective syg-field and their neighbors' syg-field), and to *frequency contiguity* and sound (as in resonance, standing waves). It refers also to *inherent or systemic contiguity*, when a syg-field is part of a larger and encompassing syg-field (a group, an environment, a city, a company), as well as to *transient and random contexts*, interactions, or nearness. And finally, there is a *formal contiguity* (structural or topological) such as a form or object being part of a larger structure or volume, scale invariance, fractals, homology, symmetry, mirroring geometry, and the likes.
- *Intensity*: the intensity of the creation of meaning, in the thinking and/or creative process, as well as in emotions and bonding. At its highest in insights and Eureka! experiences, and creative trance. The intensity is also increased by focus and concentration, thus by coherence and recurrence.
- *Coherence*: The specific goal (or visualized objective) of the person needs to be in coherence (1) with their other goals and (2) with their emotions and psyche, as well as (3) in accord with their global worldview and ethical principles. A split psyche, a goal or task they resent, a lack of coherence, will diminish the probability to achieve the goal.
- *Recurrence*: the greater the relationship and bonding with another being or object, the more recurrent our meditation, visualization, healing technique, and the more positive and powerful the probable outcome.

8.4 Law of mind-over-matter influence in psychic healing

For any syg-field to be able to influence another syg-field (and its correlated bio or matter system), there needs first to be a purposeful interrelation between them (that is, semantic proximity), then the decisive factor will be the intensity of the syg-energy.

In ISST's hyperdimensional framework, we can understand psychic healing not as a direct effect of a mind over a bio-system (physiological process, organ, vital system...), but rather as *the strong influence of a mind-syg-field over a bio-system's syg-field*.

In other words, the healing process is essentially hyperdimensional and operated via the hyperdimension layer of the bio-system, its syg-field, by the holistic HD consciousness of the healer (their syg-field). Indeed, any molecular and somatic system, at all scales, will have its own syg-field; for example, there will be the HD layer of the cells, that of the lungs as organs, that of the breathing system, then a specific HD-layer for the whole body, which I call the body-consciousness. Only in a second phase will the syg-field of the bio-system transmit its novel healthier information to its own bio-matter system (the body or organ per se), and effect the healing.

In order to first be connected to, and then influence, an organ's syg-field, the operator (healer or visualizer) needs to be in deep resonance, sympathy, and empathy, first of all with the person and then with their bio-system to be healed and/or the visualized goal. This resonance and sympathy is grounded on a harmonizing of the two systems' frequency domain, what I call a 'synchrony'. Then the operator needs to send to this bio-system's syg-field the matrix for a more healthy and equilibrated organization and/or dynamics of exchange; at which point this new influx into the sick organ/system needs to overwhelm and reorganize the dysfunctional or disturbed organ's syg-field. And this demands some strength or intensity in the syg-energy being sent. As I've developed it in 2017 in the article "Nonlocal consciousness in the universe", that's where the *intensity of syg-energy* comes into play, and the *Law of syg-influence on matter systems*, which describes how the mind-over-matter influence works:

Whenever two systems are in strong semantic proximity (meaningful interconnection, frequency harmonization, and synchrony), the higher the syg intensity difference, and the stronger the high-intensity system will impose its semantic organization (intention, goal, etc.) on the low-intensity one, this whatever the matter-complexity of the system involved.

Note, though, that the semantic proximity linking the two systems is instantiated via their syg-fields, and often spontaneously. For example, as soon as we decide to focus and read a book, we'll be in semantic proximity with this book's syg-field (its HD information layer and its creator).

The synchrony, or harmonizing of two syg-fields' frequency domain, is realized in the Rhythm-HD. Rhythm-HD is indeed the foundation of harmony, sympathy, empathy – and thus the basis of a deep HD connection between people and systems. I've thus proposed that the entanglement of paired particles prior to EPR-type experiments is rooted in the dual system they form in Rhythm-HD (as complementary spins); and this is why they remain interconnected via their Rhythm-HD, whatever the increasing distance separating them in the 4D-spacetime (Hardy, 2020a).

At this point, we could envision that ideas, words, and concepts, are clusters of these hyper-high frequencies of Rhythm-HD and of the CSR-HD as a whole. In that perspective, the 'semantic proximity' parameter, that creates spontaneous syg links between syg-fields (based on sympathy, similarities of meaning, feelings, values, etc.), could also have, as the syg-energy itself, very specific frequency parameters, and that could take us a step closer to its direct or indirect detection.

Let's see how this law would favor a successful visualization or healing. (In visualization, the proximity parameter is *de facto* at a maximal level, since one's own creation/envisioning, if authentic, is performed in *synchrony* with oneself):

- * *Increasing Semantic Proximity by accruing empathy and synchrony*: meditating and feeling in sync, until the operator is harmonized with the bio-system's frequency, produces a *synchrony* of the two systems in the Rhythm-HD.
- * *Increasing the Intensity of one's own syg-energy by empathic emotions & focus*: It has been my experience that a strong empathy with the people in danger and/or needing help gives one the paramount strength and syg-intensity for healing them or taming natural systems. Also, syg-energy both stems from and bolsters the creation of meaning; thus, the more *creative* we are in our techniques, the stronger is our syg-energy. The intensity is also increased by a greater *focus* – achieved by using techniques of lists (of intended elements in the future situation), and drawings (of what we envision).
- * *The Coherence parameter is improved* when the goal of the healing or visualization, is in accord with the operator's higher spiritual/philosophical worldview, and a benefit for the community and Earth.
- * *The Recurrence parameter will accrue the syg intensity*, by repeated visualization sessions and adding details to stay creative all along.

9. The Syg-hyperdimension as Intelligent Self-organization in the Universe

9.1 Self-organizing cosmic information-field

John Wheeler has postulated a field of active information able to organize the universe, with its “*it from bit*” principle, in which ‘it’ stands for any matter system (particle or even spacetime as a whole), and ‘bit’ for its information: “*It from bit* symbolizes the idea that every item of the physical world has at bottom – a very deep bottom, in most instances – an *immaterial source* and explanation; (...) [It means,] in short, that *all things physical are information-theoretic in origin* and that this is a *participatory universe*.” (Wheeler, 1990) Wheeler was fathoming this information as being a digital encoding (in bits), but his concept definitely postulated *a layer of information and “meaning”* which, just like Wolfgang Pauli with his “deep reality,” he viewed as “a very deep bottom” and “immaterial.”

Jack Sarfatti, advancing further Wheeler's and Bohm's concepts, proposes that, by a feedback loop, we could in-form the primeval universe; he modifies Wheeler's formula to “*it for bit*” and makes it reversible. He views the ‘it’ as an information system, particle-like and point-like, “rolling on the landscape of the BIT pilot wave.” Interestingly, Sarfatti translates the universe's wavefunction of Bohm into an information-laden landscape, self-conscious and “mental.” In Sarfatti's view, the universe is not only self-creative and self-organizing, but it also instantiates a two-way influence (as opposed to a unique top-down causal creator agent), meaning that individual consciousnesses may have an influence on the whole, just as postulated in this ISS theory. Says Sarfatti: “Post-quantum theory, *with inner consciousness*, I posit, is when the relation between IT particle system point and the *intrinsically mental BIT* pilot wave landscape is ‘two-way’ in a self-creative adaptative spontaneously self-organizing feedback-control loop.” (2006, 97; my emphasis) Furthermore, says Sarfatti: “It looks as though my ‘back-action’ theory

of matter on its pilot quantum wave, which generates consciousness, and my physics/consciousness model predicts VALIS in the far future of an open universe, which continues to expand forever.” (Sarfatti, 2006, 197-8). I don’t endorse Sarfatti’s hypothesis of an endless expansion and am nearer to Lee Smolin’s framework of ‘budding universes’. I posit a collar of universe-bubbles, each one birthed by the pluriverse’s hyperdimension, via the ISS at the origin bearing the cosmic DNA of its parent universes; and the ISS theory also differs in that this cosmic collective consciousness, as a hyperdimension, exists at all times.

However, as VALIS stands for Vast Active Living Intelligence System, we are quite near to the ISST’s core concept of a ‘cosmic semantic field’ – the specific collective syg-field of our universe bubble, the syg-HD of our universe, which is our constantly evolving, creative, holistic and self-conscious Cosmic Self.

9.2 Cosmic consciousness as the universe’s negentropic force

ISST postulates that this ‘cosmic semantic field’ (pervading all times and space of a universe-bubble at least) is a HD, self-organizing, and creative collective consciousness in which all individualized or collective minds and all complex systems do have an influence on the whole. In fact, the cosmic syg-field is the ensemble of all the Selves/syg-fields of all beings and systems – it is a hyperdimensional collective intelligence, and, as systems theory goes, greater than the sum of its parts. It is also *a creative and innovative collective intelligence*, and this is where ISST differs from either materialistic or deistic/creationist frameworks. In ISST, all the Selves, the immortal souls in the HD (with or without a present incarnation in spacetime), form this cosmic Self as a collective and evolving intelligence. We are, in our Selves, the co-creators of an ever-evolving intelligent cosmos and of our matter-universe. And as such, we are also collectively responsible for the planet and the part of the cosmos that we inhabit.

As this cosmic HD layer is one of hyperconsciousness, with our Self (soul, atman) being a creative spark in it, it means that the more we attune and harmonize with our Self, and the more we may develop psi and spiritual capacities, such as healing.

Thus, in ISST, mind and awareness are not just an addition, by-product, or even a later emergence, to a would-be complete matter universe working all by itself, as in the materialist/reductionist paradigm, or even as in the randomness and statistics-based Susskind’s concept of multiverse.

In ISST, consciousness-as-energy (syg-energy) is an alive energy, intelligent and self-organizing, that mostly operates as hyperdimensional process-driven complex systems (in Syg-HD). Consciousness is the core process of an alive cosmos, the foremost negentropic and self-organizing force that propels the matter universe on its course with its myriads beings, all infused with cosmic consciousness, intelligence, and emergence/creativity. Because the HD is present at the core of particles, and therefore infuses all bio- and matter-systems, syg-energy and consciousness (and the triune HD) is also pervading and nurturing all systems.

In ISST, since the cosmic HD is pre-existent to our matter universe, and pervading all its parts in all times, this ensures that our immortal souls, our Selves, exist independently from our incarnations in spacetime (who become the exquisite and/or difficult creative experiences, as a

learning process). It follows that the hyperdimension, as I have shown in *Living Souls in the Spirit Dimension*, is also the realm of the deceased and of ascended souls. In a collective intelligence concept, our planetary Self, Gaia, comprises the souls of the living humans as well as the souls of the departed – and it is all together that we'll steer the future of our planet and humanity.

Cosmic consciousness has birthed the matter universe in the first place from the myriads arch-syg-fields who constituted the ISS of the origin. These ISS arch-syg-fields were and still are a quasi-infinite musical and spiral staircase of networks of frequencies, and at the origin they acted as the cosmic DNA, the HD-quintessence or archetypes of all systems and beings optimized in previous universe-bubbles. And from this immense field of active information about all previous bio- and matter-systems at the origin, this quintessence of myriads beings and intelligences is going to evolve and create new types of systems, bodies, and intelligences – endowed with new capacities, whether physical, emotional, intellectual, spiritual, or psi – who will keep emerging and will drive the many worlds and intelligent civilizations of our universe-bubble.

10. Conclusion

In this exploratory article about two psi capacities implying mind-over-matter and influence on future events/systems, I have highlighted the dynamics and parameters of interconnection and influence between syg-fields – the HD layer of all individual systems, at all scales. I've argued that any psi influence on bio- or matter-systems (as in healing or visualizing a future situation) is hyperdimensional and operated by the HD Self (heightened consciousness) of the operator, making use of one's own HD syg-energy to send sygons beams (charged with highly ordered and focused meaning) to the syg-field of the target system.

The syg-energy's influence on systems works via the Retrocausal Attractor, that is, a HD feedback loop between a HD-mind sending *proactive syg-energy* (focused thoughts and aim), and the syg-field thus created in the future that works as an attractor, modifying the target system, bending probability lines toward its own realization, and sending back its information to the operator's mind as *Retroactive syg-energy*.

The Retrocausal Attractor (and its hyperdimensional feedback loop) is now highlighted as a fundamental functioning and dynamics of our intelligence and consciousness, the underpinning of any intention and will to act, and the grounds for discernment and self-reflection, thus allowing knowledge of self and ultimately ethical conscience and self-control. Moreover, this HD feedback loop also instantiated between our HD Self and our ego (in spacetime) reveals a two-way correction mechanism built-in the system, whereby our embodied consciousness can express needs, orders, and demands to our Self (thus steering it on a path), while our Self can send back a highly charged syg-energy and/or a corrected objective and plan.

I have shown that visualization and psychic healing techniques in real life (yet operated from our hyperdimensional mind) need, in order to work, not only a (HD and nonlocal) retrocausal feedback loop and a mind-over-matter influence, but also that the mind of the operator/healer create a meaningful syg-field that will work as an attractor – which will *influence* rather than

command events, and will do that by skewing probabilities in the real world at the quantum scale. Through this article, I hope to have helped in the building of the bridge between explaining our mysterious psi and spiritual capacities, and a theory of a deep reality of consciousness in the universe.

The hyperdimensional syg-energy, together with the Retrocausal Attractor, by instantiating a permanent co-influence and co-evolution between the two dimensions of our being (our HD Self and our ego), turns out to be an ongoing dynamics of change, the basis of intelligence and knowledge, negentropy, and cultural evolution – that is, collective intelligence and Evolving Intelligent Life.

Furthermore, as syg-energy interaction between syg-fields always involves a two-way influence, it follows that, as conscious and intelligent entities, we are much more entangled and co-evolving with our natural and material environment that we may realize, and especially with our planet whose global and holistic HD syg-field is also a self-conscious entity – Gaia.

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