

## Article

## Synchronicities & Nonlocality: How Our Hyperdimensional Self Tinkers with Spacetime (Part II)

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Synchronicities, as meaningful coincidences, and psi at large, are nonlocal processes that contravene the local-causal EM laws in spacetime, as well as the indeterminacy of quantum mechanics since they are driven by meaning. Real-life synchronicities (some analyzed in this paper) can be explained only by a hyperdimensional (beyond spacetime) and tachyonic consciousness-energy infusing and interconnecting all beings and systems, creating their individual hyperdimensional consciousness layer. In the *Infinite Spiral Staircase theory (ISST)*, a person's consciousness is a hyperdimensional "syg-field" (whose subject is the Self), self-organized by such tachyonic "syg-energy" deeply entwined with the brain/body, via network-connective dynamics. The hyperdimensional Self and syg-energy's nonlocal properties and parameters offer a coherent theoretical foundation for explaining both synchronicities and psi, given a *Retrocausal Attractor* and feedback loop at the brain's sub-quantum scale.

Part II of this two-part article includes: 4. The Mind as a Hyperdimensional Syg-field Operating With Syg-energy; 5. Synchronicities Explained via the Center-Syg-Rhythm Hyperdimension; 6. The Retrocausal Attractor: Mapping the Interrelation Self-ego in Synchronicities; Conclusion; and References.

**Keywords:** Synchronicity, nonlocality, psi, retrocausality, cosmic consciousness, cosmology, mind-over-matter, hyperdimension, panpsychism, ISST theory.

### 4. The Mind as a Hyperdimensional Syg-field Operating With Syg-energy

The nonlocal capacities of the Self (thus of the mind at large) expressed in psi and synchronicities (S-ies) force us to upend the way we understand and model consciousness. This has been my life-work, in two interlaced theories. But before I dive into the subject, let me express that I resent the way our actual scientific paradigm categorizes psychology and physics as distinct. I use instead the systems-theory concept of a One-field, One-system, that reflects exactly the realization Jung had about the ONE connecting all psyches and nature (this convergence with Jung is not surprising, since I was myself immersed in Taoism and Advaita Vedanta, and meditating a lot, in my twenties). *The universe/pluriverse – reality as a whole – being a One-system (a One-Plural field), it follows that consciousness processes have to be interconnected with physics processes.* Indeed, in a global system, even complex and multilayered, all parts communicate and interact between them. And therefore, a global theory of the universe not only has to integrate consciousness, but it must do that on physics terms!

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Having said that, we know for a (well-proven) fact that psi contravenes the laws of spacetime, matter, and causality; only a *hyperdimensional energy of consciousness* – operating beyond space, time, causality – can in effect organize and modify matter and bio-matter systems. An *energy*, because consciousness demonstrates its capacity to effectuate a work, as in modifying spacetime systems and events; and *hyperdimensional*, because this energy of consciousness – semantic or *syg-energy* – lies and operates nonlocally and beyond spacetime. Interestingly, Jung came to posit a psychic *energy* simply from the factual reality of the unconscious, delimited by a threshold both above and below the conscious, just as our perception of the visible light is limited to a bandwidth of wavelengths. He also stated “As we fathom (the unconscious) to be a psychic system, it is quite possible that it has all that consciousness possesses, that is: perception, ... will, sensitivity, judgment... yet all this in a subliminal form.” (*On the Nature of the Psyche*, Lib. VII, chap. II) And if it did, then the unconscious had an organizing subject, the Self.

#### 4.1 The mind as a syg-field, a multidimensional Self-ego network

In the Semantic Fields Theory (SFT), I’ve modeled the mind as a huge dynamical network of processes – the semantic field or in short *syg-field* – comprised of sub-networks called semantic constellations or SeCos (*Networks of Meaning*, 1998). (This theory was grounded in Chaos theory, systems theory, and neural nets.) The syg-field of a person (their consciousness, or mind) is transversal, from their Self dimension to their brain in spacetime. It is mostly existing in a *semantic or syg-dimension* beyond spacetime, itself organized by the energy of consciousness, syg-energy, with a faster-than-light (FTL) speed. One has to picture the *syg-field* as a sort of cloud of interactive and generative information, process-driving. The syg-field is also anchored to the neuronal networks of the brain, and in fact parts of its immaterial SeCos’ network (corresponding to specific procedures and/or knowledge systems) connect to, and branch into, whatever areas and clusters of the neuronal nets are necessitated by a given procedure (and from there into correlated somatic and physiological systems).

Thus, a person’s consciousness, their syg-field (whose global subject is the Self), is a multidimensional Mind-Body-Psyche (MBP) system. This complex dynamical network-system is bypassing the Mind-Body split because it sets myriads of multidimensional and transversal interactions between syg-energy and the body’s atoms, cells, organs, and systems. Syg-energy in the body, as well understood by Oriental medicines – who called it *prana* and *kundalini energy* in India’s religions, *Chi* in China, *Ki* in Japan, and more – has its own channels and pathways (meridians), as well as psychic centers (the chakras), and pervades and drains the body throughout. It also constitutes an immaterial *energy-body* (with its own frequency scale), able to exit the body in heightened states and act self-consciously in Out-of-Body Experiences (NDEs), as reported in all shamanic and ancient religions (Hardy, *Living Souls*).

In this Mind-Body-Psyche system, all interactions work two-way, both top-down (including soft influence or decisions, e.g., to perform an action), and bottom-up (as adaptation, feedback, reorganization of the SeCo); they usher a constantly evolving learning dynamics and self-organizing process. It is their syg-energy that allows the syg-fields to self-organize, as dynamical and evolving networks, and its main dynamics is a spontaneous linkage process that is boosted by the attraction to any similarity or resonance (in idea, feeling, value, shape, geometry, frequency, proportion, rhythm, etc.).

- *In terms of architecture and dynamics*, the mind is a complex network system, dynamic and self-organizing, multidimensional and spread from the cellular-neuronal layer, to a semantic (i.e., meaning-creative), nonlocal, non-matter, layer (beyond spacetime and quantum space). The dynamics are driven by syg-energy and the law of nonlocal attraction of the similar.
- *In terms of the parameters* triggering spontaneous links between syg-fields, I have conceived five (for now): *Semantic proximity* (the control parameter) is a measure of connection, resonance, similarity, or nearness between two syg-fields (persons, systems), in terms of feelings, values, form, etc. It ushers meaningful and emotional connections with people, places, objects – such as friendship or love between people. The other four parameters are, intensity, coherence, contiguity, and recurrence. (Hardy 2021)

The whole gamut of psychic and mind processes (perceiving, feeling, memorizing, thinking, reasoning...) is thus instantiated by the syg-fields, with a connective dynamic (the linkage process) operating nonlocally, at the FTL speed of syg-energy. And it's often the intensity (i.e., of the affect), and/or the match (i.e., formal proximity) with a conscious demand/need (as in Poincaré's incubation) that channel these processes to the conscious.

#### 4.2 The HD syg-fields in constant dialogue with the cosmic consciousness field (Syg-HD)

It is with the *Infinite Spiral Staircase theory (ISST)* that I was finally able to model the *nature* of syg-energy and syg-fields – our individual consciousness, the mind at large. (*Cosmic DNA at the Origin*, 2015)

As we saw, not only psi capacities, being nonlocal, operate beyond deterministic spacetime laws, but they also contravene the indeterminacy posited by quantum mechanics (QM) – given they are driven by meaning, intention, similarities (which are the opposite of randomness). Indeed, consciousness involves meaning in any single act and process (from perception, to feeling, to interacting, to thinking); furthermore, consciousness is negentropic (by learning and creating new information); it is also organizing and interacting with a meaningful community and world around us; and finally, it is both self-conscious and self-organizing. This is what is implied by the term “semantic/syg = meaning-creative” and syg-fields. (Yet, syg-fields have nothing to do with the “auto-poietic” systems proposed by Varela and Maturana, the latter not allowing any type of interaction or connection with the outside, only an internal reorganization after a perturbation.)

ISST posits the nature of these syg-fields woven by syg-energy to be hyperdimensional (HDI), belonging to a hyperdimension (HD) of consciousness (Syg-HD) interlaced with hyperspace and hypertime. Just like in SFT, ISST predicates that all beings and systems have a syg-field (created by the FTL syg-energy); in other words, all systems, whatever their scale, have an HDL layer – from particles to natural systems, humans, planets or galaxies. Since this HDI syg-field is endowed with consciousness, SFT/ISST thus postulates a type of panpsychism, rendered possible by the HDI syg-energy penetrating all matter and pervading the universe. Moreover, the syg-field of a being or system, their HDI consciousness layer, contains the totality of their information, processes, memory and probable evolution, and their whole network of interactions with other syg-fields.

*Why does it matter?* Because if it is a faster-than-light (FTL) and meaning-laden syg-energy that organizes the HDL layer of any being/system, then they can sense, know, and talk to each other nonlocally, that is, independently of their distance in space and time, without any signal transmission and without a prior cause – thus allowing psi. What is needed (to make it work) are just some properties and parameters (of syg energy, syg-fields) capable of triggering spontaneous connections (see 4.1). Such FTL meaningful connections carry an information exchange between syg-fields: when mind–mind, they allow telepathy; when mind–matter-system, they allow Type-1 synchronicities, and also clairvoyance and remote-viewing; when mind–future system/mind they ground precognition (and retrocognition, or knowledge about a past system/mind).

### 4.3 Syg-energy in-forming syg-fields

Syg-energy, being HDL, demonstrates much higher frequencies than the Planck scale, and a FTL speed, as well as nonlocal instant connections between resonant/similar frequencies. The *sygons*, the virtual strings constituting syg-energy, originate from the golden spiral at the Point of origin, where the terminal Black hole of the parent universe morphed into a White Hole from which sprung a (near) *Infinite Spiral Staircase (ISS)* on the logarithm of phi; on the steps of the golden spiral were, in networks of frequencies, the self-conscious archetypes of all beings and systems optimized in the parent universe.

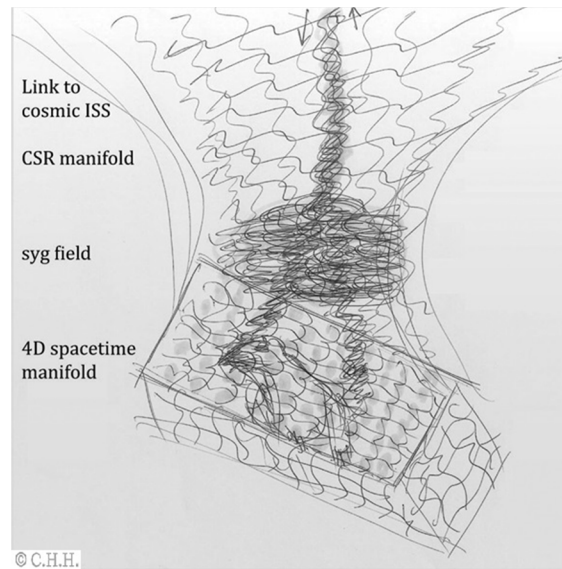
From the ISS steps, were ejected the *sygons*, the HD virtual strings, in all possible frequencies decreasing along the Fibonacci sequence; the early jets of high-frequency sygons first created a HD-bulk in the form of a spindle or a tapered bubble. The later sygons to be ejected along the enlarging spiral, while their HD-frequency was decreasing, had their increasing wavelengths starting to interfere between them, thus creating the foamy and ebullient Higgs field (at  $10^{-2}$  second). They were the virtual strings launched across this field that took on mass while crossing it and became the first particles of the matter era. Thus, at the core of all particles and atoms lies a sygon from the origin, and a replica ISS spiral bearing all the information about this entity/being and about the cosmic ISS, and setting a constant two-way exchange with it, like in a hologram.

Regarding this replica of the cosmic ISS in all beings and systems, and the snake (as undulation, or spiral) being a symbol of knowledge and wisdom in many ancient spiritual lore (Hinduism, Crete, Greece, Gnosticism, Hermetism, alchemy, and more), here is an interesting ancient knowledge: According to Hippolyte, the Gnostic Naassenes held that there is a *snake* in all things and beings (mortal and immortal ones) that give them their name while rendering them a *naos* – a temple. This snake “has in himself something of all things” and “all things are subservient to him.” (Jung, *Psych & Alch*, Pg. 527; Fr. 563). This ‘snake’ is thus both their species’ and individual field of information, yet it is not just the biological DNA since some beings/things are immortal (immaterial) and their becoming a “temple” refers to the divine spark inside them. Besides, the alchemists and Gnostics held that it is the divine sparks within the metals that ensure their transmutation into the Philosophers' Stone, i.e., their “quintessence” (in conjunction with the alchemist realizing their own Self). They hold that there is a spirit (or *nous* in Greek) at the core of matter, a *World Soul* inhabiting Earth, which the 16th c. revolutionary physician and alchemist Paracelsus calls “the light of nature.” Paracelsus writes (in *Philosophia ad Athenienses*) that the Prima Materia (the World Soul and also the Philosophers' Stone as symbol

of the Self) is “an *uncreated*” and “the Great Mystery”: “*She fills the whole ethereal region; she is the mother of the elements and of all creatures.*” Difficult not to see the similarity with a HD of consciousness, already existing at the origin and birthing the matter universe.

The timeline of the matter universe, as we know it, shows a short-lived quasi-explosive cone at the origin (the inflation phase, or Big-Bang) extending into a quasi-cylindrical shape. In ISST, the matter universe is surrounded by the HD-bulk, of a more tapered, spindle shape; yet it is also pervaded and suffused by the HD sygons communicating among them – those inside the particles/atoms, which are organizing the syg-fields of complex systems.

Take a being or system, for example a bird: From the perspective of our Quantum-Space-Time (QST) manifold, the low-HD-frequency sygons at the core of particles, atoms and molecules (of the cat’s body) are like myriads of infinitely small spinning Black Holes. Yet, in the Center-Syg-Rhythm hyperdimension (the CSR-HD), the ensemble of these sygons form a cloud, the syg-field of the bird (his HDI layer), which is endowed with consciousness and interconnected with the syg-fields of other beings/systems (see fig. 1).



**Fig. 1.** 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)

This explains why the syg-fields of all beings and even matter systems are constantly communicating, in a two-way fashion, with the cosmic consciousness field (the Tao, brahman, The One) – which is none other than the ensemble of all the syg-fields of all systems in our universe bubble. It also explains how we humans can be in constant dialogue with archetypes and symbols belonging to the Spiral Staircase at the Origin, the ISS, and with the archetypes we have created or optimized in this cycle in our own human cultures.

At our Earth level, through this open communication with The One cosmic syg-field, and within our collective unconscious, a person’s Self will also interact spontaneously and nonlocally with resonant/proximate consciousnesses and syg-fields of living beings and natural systems.

#### 4.4 The triune Center-Syg-Rhythm hyperdimension (CSR-HD)

ISST posits a triune hyperdimension (HD), with not only hyperconsciousness (Syg-HD), but also Rhythm-Rotation-HD (frequencies and hypertime) and Center-Circle-HD (extension as hyperspace, and informing the systems' identity) – this triune CSR-HD, as we saw, being preexistent to our universe and birthing it.

*Syg-HD* is the cosmic consciousness field, in-forming the syg-fields of all systems and in constant two-way exchange with them. (At our Earth scale, it is our collective unconscious, and also the World Soul, the Tao, brahman.) Syg-HD is infusing consciousness and vital energy in all systems and in the whole universe; it sets connections between all syg-fields via syg-energy. It is ordered yet acausal, since it is dynamically ordered by connections and attraction. This HD of semantic, meaning-creative energy sets a connectivity based on meaning, and precisely on similarity or differentiation of signification; it is the foundation of negentropy, that is, the increase in information, knowledge, and thus complexity (Gell-Mann, 1994); it is the ground of the learning dynamics governing all living systems, from the recognition of arrays of shapes, scents, places, structures... to the highest and most abstract symbolic knowledge systems like math.

The ensemble of all syg-fields form the syg-HD of our local, planetary collective consciousness, and the *noosphere* of Teilhard de Chardin (1965). Let's remember, though, that (despite syg-energy stemming originally from the archetypal Golden Spiral), it is a negentropic force; our spirits and minds constantly create, generate and modulate syg-energy (thus adding complexity). We do that simply by perceiving and attributing meaning to what is perceived; more importantly, we create an intense syg-energy by creative acts, innovative thinking, and imagining. Each work of art or intellectual study literally creates a specific syg-field that will evolve with their creators' mental processes. The whole syg-HD issued from our planetary consciousness is in-formed, powered by, and evolving with, the creative mental and cultural life of all humans and intelligent beings. The totality of all the Selves – whether living or discarnate spirits – is our divine dimension (Hardy 2021, *Living Souls*); we are thus part of our God-head, of The One field of cosmic consciousness, entangled and creative within this divine dimension.

*Center-Circle-HD*: The point-circle (or Center-Circle) is a root-process and dynamics creating the system's individuality and organizational closure – for all systems at all scales (from the cell to humans, to galaxies). It is a preeminent archetype of the divine dimension, a symbol of the sun-God in ancient religions, while the circle by itself is the archetype of The One, the Tao.

As it is, I came up with the Center-Circle HD via my long-term experience of high meditative states where we reach “The Center that is the Circle” – a state of Oneness and fusion with cosmic consciousness, of “being the Tao”. I discovered afterwards that Jung had a whole development on the Center-Circle as being a symbol of the Self, or our divine Spirit, based on his study of the Golden Flower, and of the Rose within the Cross, and also of the mandala generally set and centered within a square + circle.

Another Angel of L.: Having composed this paragraph two nights ago, noting in parenthesis I needed to find a quote by Jung, I reread it last night, while working on the

next section. This morning, remembering I needed a reference (but then thinking about the “sparks” instead) and having just sat in my armchair, I choose *Psych & Alch* and open it randomly, eyes closed, my finger precisely pointing to the top of the page on which “The center with the circle” is highlighted in pink, giving me the end of an incredible quote AND perfect picture, shown below.

Indeed, says Jung, after mentioning that our total personality includes the unconscious “This totality is composed of the ego and the non-ego [the unconscious]. This is why *the center of the circle expressing the totality* wouldn’t correspond to the ego but rather to the Self, the keystone (epitome) of the total personality (*the center with the circle* is also a well-known allegory of the nature of God).” He then mentions the Atman (the personal Self) having a cosmic and metaphysical quality or facet as a “supra-personal atman” (in fact, called *purusha* or *brahman*, the cosmic consciousness). (Jung, *Psych & Alch*, Part 2, III2, Pg 137; Fr. 142). The philosophers’ stone, or Lapis, the symbol of the achievement of the Totality of Man, thus stands at the Center of the Circle (Fig. 2).



**Fig. 2.** The sanctuary of the philosophers’ stone (*lapis*) at the center of the planets’ orbits. From Van Vreeswyck, *De Groene Leeuw*. In Jung’s *Psych & Alch*, Fig. 51.

In the golden spiral staircase at the origin, at each new quarter of circle incremented by the proportion Phi (the “steps” as hyper-frequencies), the center/point projects a circle in virtual space by the power of Pi, which will ejects a sygon of this frequency. This circle around the center is the boundary of an individual system, its organizational closure. In terms of Systems Theory, it creates the identity and self-organization of the system by a constant dynamical back and forth between the center and its boundary – be it a cell’s enclosing membrane, or the delimitation (and individuality) of any natural system.

*As for Rhythm-Rotation-HD*, it instantiates dynamically and rhythmically the synchrony, or harmonizing of two syg-fields’ frequency domain. Rhythm-HD is the foundation of harmony, sympathy, empathy, orbital rhythm and frequency resonance – and thus the basis of a deep HD connection between people and systems. As I argued, Rhythm-HD is also what supports the entanglement of two paired particles and their constant interrelation in the HD as a unique system, despite their increasing spatial distance in the spacetime domain (Hardy, 2020).

Interestingly, the Rotation (and circumambulation) is also a key process in the alchemical Great Work, the crucial dynamics (guided by Hermes/Mercurius himself) in order to reach the stage of the Stone – the marriage Moon-Sun, or the fusion ego-Self (Fig. 3).



**Fig. 3.** The Rotation as key alchemical process: Mercurius activating the 8-ray wheel. From *Speculum Veritatis*, 17<sup>th</sup>c. In Jung's *Psych & Alch*, Fig. 80.

## 5. Synchronicities Explained via Center-syg-rhythm Hyperdimension

In a hyperdimension infused with consciousness (which birthed our matter universe), it is to be expected that both hypertime and hyperspace (entwined with it) would display some qualities and dynamics of consciousness, and therefore that they meet the highest archetypal symbolism found at the core of the ancient and venerable systems of thought and of spiritual lore worldwide. After all, cosmic consciousness (Syg-HD), The One, is nothing else than the divine realm, in which dwell divine beings and ascended immortal spirits (of our Earth sphere).

As a telling example, in Jainism, the treatise *Siddhasila* states that the loka (the world) stands at the center of the a-loka (the non-world). The Aloka has the shape of a human torso, with the Siddhasila as its head, in which dwells the all-knowing immortal souls. (Jung, *Myst. Conj.* I; Fr. 100). The parallel with the elongated large bulk of the HD surrounding the matter/spacetime universe, with the small and conical ISS spiral at the origin as the root and “head” of cosmic consciousness, is astounding!

### 5.1 Center-Circle-HD and its role in psi and synchronicities

Let's note that both hypertime and hyperspace integrate, now as a sub-system, the classical time and space (just like the 2D plane is a sub-system, a side, of a 3D structure). Let's ponder the added ethereal and spiritual qualities of these hyperdimensions, and their role in psi capacities.

*In Center-Circle-HD*, space becomes centered, and brings about the self-organization of all systems within both space and hyperspace, by a constant reflection and self-reference of their



totality to their center, and vice-versa. Moreover, Center-HD ensures that all centers (of all systems) are communicating between them (via their individual ISS) as well as with the cosmic ISS – as in a cosmic hologram. As a consequence, Center-HD annuls the spatial distance (in spacetime), and thus grounds synchronicities involving an event/system at a distance in space, as in remote-viewing and clairvoyance.

More precisely, Center-HD is what governs the self-organization of the syg-field – as a hyperdimensional dynamical network of links and processes, somehow resembling a field above the individual (as on fig. 1), because it has an organizational boundary (the symbolic “circle” setting and delimiting its interiority and individuality) despite its innumerable links to other syg-fields of people, beings, and the environment. And as Jung has amply shown, for most people, their Self is still unconscious or mostly so. One needs to intend to gain inner knowledge and work for it (with any inner path or self-development technique one chooses) in order for a communication with one’s Self to be established. Then all kinds of synchronicities and psi phenomena, as well as numinous dreams, will just start to happen. (This has been shown experimentally by Dean Radin.)

As the Self is the subject of the syg-field – its core and center –, Center-HD governs the inner communication between two or more sympathetic and resonant Selves/psyches and thus their syg-fields (or specific constellations). It instantiates links of sympathy, like between friends, lovers, relatives, twins, or between members of the same community. Sympathy is being measured as a ratio of *semantic proximity* – proximate or intimate as with people we love, as with works of art, objects, houses, or places that we cherish. It is also a measure of shared values and systems of thought; of community of culture, religion, science, and the like. Unfortunately, antipathy and hate also reflect strong links and psychic proximity between people.

Between two friends thus exists a high measure of *semantic proximity*, and Center-HD will facilitate the exchange of information, feelings, images, ideas, etc. This exchange will happen mostly unconsciously if the person is not awakened to their Self; through dreams and S-ies if they are moderately consciously aware of their inner soul; and it will happen as a conscious psi event for the person who is in deep accord with their inner Self.

Thus, the telepathic synchronicity (S-y), the *Crosnes S-y* can be explained as the working of Center-HD linking two syg-fields having a high degree of *semantic proximity* between them.

## **5.2 Rhythm-Rotation-HD and its role in psi and synchronicities**

In *Rhythm-Rotation-HD*, time becomes a temporal field crisscrossed by rhythms and sygons waves’ frequencies. It sets instant connections between resonant, coupled, or harmonic sygons waves and syg-fields – whether it is triggered by a partial, sub-system rhythmic resonance, or a similarity or match at a different scale (such as in fractals), or else with the whole entity at that scale. Rhythm-HD annuls temporal and spatial distance (in spacetime), and its quasi-spatial extension as a field can base *retrocausality* – a sygon wave may appear to move along the reverse time-arrow of spacetime; for example, in a precognitive vision, the HDI information from the future event is reaching back to a mind in the present. But this mind can also penetrate an event in the far past, thus grounding retrocognition. Yet, beyond that arrow, sygon waves

ripple through the HD in any (apparent) direction, thus they may appear to be orthogonal or transversal to the (spacetime) time-arrow – that is, they set mind-mind or mind-system connections that appear instant, as in synchronicities.

To understand how Rhythm-HD works, we have to figure that any system has a frequency, or an ensemble of frequencies. Not only cells or metals have specific frequencies but we have to fathom that words, names, and complex ideas exist, in a HD syg-field, as complex dynamical systems of HD-frequencies (as they are in the golden spiral). And similarly, that shapes and structures emit specific waves of sygons. Indeed, this was a whole fringe domain of research on *waves of forms (ondes de forme)* in the first half of the 20<sup>th</sup> century, in France especially, which was studying the unexplained effects of specific shapes and forms (such as a pyramid), or of specific angles (such as the extension of the base of a right angle) on living tissues and bio-matter systems.

The syg-field of a human being is made of thousands of syg-constellations that manage numerous tasks (and the complex, multimodal, coupling with the brain and body), domains of feelings, relationships, systems of thoughts and values, etc. All in all, the syg-field – which contains all the information about this entity, as well as their history, dynamics, network of connections, and probable future paths – has this info expressed in a language of Rhythms and frequencies and evolving with our real time experiences. (Of course, the links between a bio-system and its syg-field are highly dynamical, evolving, with complex transversal connective dynamics, and do not resemble at all a simple coding like a notation coding for music.)

## 6. The Retrocausal Attractor: Mapping the Interrelation Self-ego in Synchronicities

Let's sort out the role of the Self vis-à-vis the ego in the 7 synchronicities we've studied. Here are how the Self displayed, in S-ies, an intelligent and eminently helpful intent toward the ego:

- \* answering their needs/questions or else solving their problem: Third *Vulgate S-y*; *Telepathic Crosnes S-y*; *Example S-y*; *Break-up S-y*; *Moving S-y*;
- \* as a guiding or counseling soft influence to the ego: fourth *Vulgate S-y*;
- \* interfering with the thought process on its own will to prevent an accident: *Handbrake S-y*.
- \* triggering a decision-making: *Break-up S-y*;
- \* triggering an insight and a sudden realization: *Break-up S-y*; *Chime-PK S-y*;
- \* giving spontaneously significant feedback, as in a conversation: *Chime-PK S-y*.

Not only the Self is revealed as an agency (a self-governed and acting subject) who displays intelligence and caring for the ego, but we have all the signs of a supraconscious and nonlocal intelligence, endowed with a palette of psi capacities (such as clairvoyance, telepathy, psychokinesis, the ability to tinker with social events); this Self agency shows also an astonishing ease at influencing the ego's thoughts and its "stream of consciousness" and at triggering insights and even decision-making by using its ability to create/organize synchronicities.

So far, we have resolved the question of how nonlocal psi phenomena could happen by positing a tachyonic and HDI energy of consciousness, the sygons of syg-energy, which, simply by their being immensely faster than the lightspeed and independent from spacetime, can indeed bring an information from the future or else from a distant system. Yet, that's only as far as the 'mind' receiving this information is able to receive, register, understand, as well as to emit, send, manipulate... this very hyperdimensional information, and thus the sygons. We need a "sygonic mind" or an agency able to receive and emit sygons to do so; in brief, we need the Self to be both hyperdimensional and constituted of syg-energy, self-organized by syg-energy (as a syg-field). (I know I've already posited as a predicate that the Self of each person, the syg-field of each system, is such an HDI self-conscious entity; but the underlying logic to do so needed to be developed.) Is that enough? No, unless we address and expound how this received syg-energy information (especially with telepathy and clairvoyance) is transmitted to the brain and conscious mind, or else, how the Self's prodding is influencing both. Therefore, we are going to move a step further to tackle the process of sygon waves interfering with a brain.

### 6.1 The Retrocausal Attractor: How the Self influences the ego and the thought-process

Let me first give you an example of an unconscious act (clearly precognitive) that saved me from a high-speed car accident. (Not a S-y per se, but an unconscious precognition cum skilled motor action, carrying its own proof of an interference of the Self, whom, in an advanced time, takes control of the body.)

#### *A precognitive unconscious act to avoid a car accident*

*I'm driving on a speed road that has two lanes on each direction, with just a large no-crossing white line to separate them. I'm moving at the speed limit, on the left lane that is the high-speed one, along the central demarcation line. (The other side of that line is the high-speed lane coming from the other direction.) This is a familiar route and I'm driving confidently, despite a moderate traffic on my side, but heavier on the other side. Abruptly, in a very abrupt and strong motion, like a reflex move, my arms rotate the wheel rightward, swerving the car precisely and steadfastly into the middle of the right (slow) lane. I yelp in disbelief and, worried, I immediately peek in the rearview mirror to check the traffic behind me. "And what if there had been a car there on this lane?" I think, mouth still gaping, in a reproving mode. But the first car behind me is a safe distance away. Hardly getting my eyes back ahead of me, I suddenly see that a car has crossed the white line full speed and is now taking the full lane I've just left. I didn't see what sudden obstacle this car was avoiding; everything went too fast, in hardly a few seconds. I realize my swift motion has saved me from a frontal highspeed accident, and has allowed the other driver to avoid harm too. I then grasp that, given it's my Self who has acted and turned the wheel, of course she-he knew that I had enough room on the right lane to do so. Of note also, the blitz motion was incredibly precise and well mastered, worthy of a racing car driver.*

So, in this occurrence (which happened in my mid-twenties, south of Paris), we see an unconscious action done in clear-cut precognitive mode, just in time to avoid a possibly lethal accident. Of course, as Jung fathomed it very quickly, this unconscious, so intelligent and

supraconscious, has (or rather *needs*) a subject to coordinate and self-organize, which he called the Self (with uppercase). In brief we have: an unconscious (skilled) act by the ego, willed and managed by the Self, about 2-3 seconds before a probable car crash. How can we explain the Self taking control of the muscles of the driving and alert ego, two seconds in advance?

We have modeled how the Self was operating via the FTL and nonlocal syg-energy (itself pervading matter), thus possessing the full range of psi capacities. We need this syg-info from-the-future-event to penetrate and in-form the brain-in-the-present – thus in a retrocausal manner (along a reverse time-arrow).

The problem is similar to solving Benjamin Libet's mysterious *backward referral* – the brain reacting less than a third of a second in advance of a shocking percept –, but in our case we know the Self is the agency doing it via a HD syg-energy. (Libet also calculated that this neuronal reaction precedes by 500 milliseconds the button-press action, which shows the control of the muscles by the conscious to take 200ms) (Libet et al, 1979). Furthermore, 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 Dean Radin (2004), and Bem (2011).

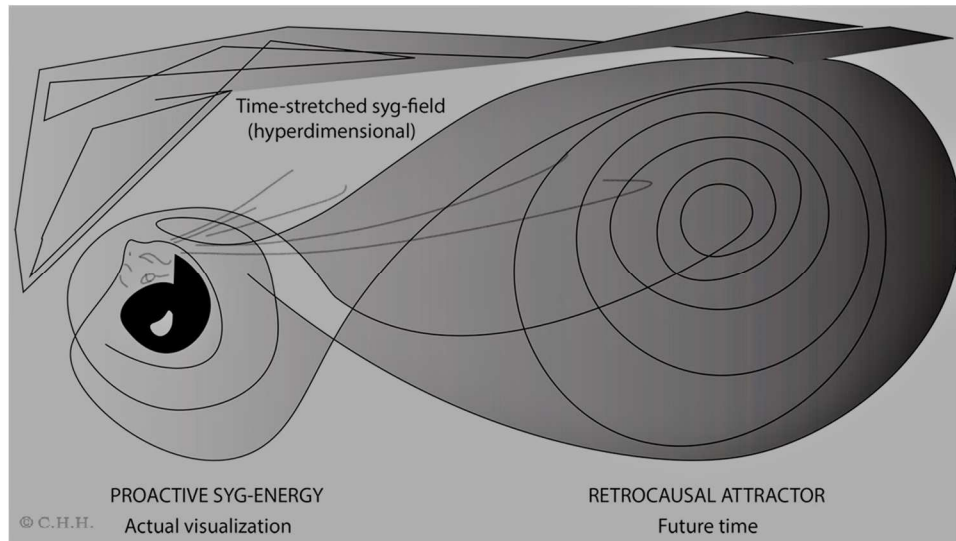
In a 2021 article, I've modeled a *Retrocausal Attractor* (in short RC-A) to explain how *visualization* works (Hardy 2021). We use visualization techniques to imagine and intend that a certain event in the future goes the way we want, or else to effect a (self-) healing on an organ or bio-system. (The techniques vary; as for myself, I've used drawings and lists of desired elements/features of the outcome, in many contexts, with quite satisfying results. In brief, I know it works; what I wanted to understand is: How does it work?)

Here are three basic assumptions to remember, in order to understand the RC-A: Firstly, that our syg-field (the HDI layer of our personal consciousness, the Self), as well as the whole Center-Syg-Rhythm hyperdimension (CSR HD), due to their nonlocality, are virtually extended over 4D space and time. Consequently, future events do exist already somewhere, together with their context/environment (as probability plots of an event-in-making syg-constellation); and thus, they are accessible, with their environment, to our HD Self (as shown on fig. 4 below). And secondly, that syg-energy – which self-organizes the syg-fields –, being also HDI and nonlocal, can be grasped by a 4D observer as moving (or connecting) quasi instantly in any direction. This includes the syg-info being attracted (by semantic proximity, intensity) to a future probable event in whatever space coordinates, such as the one being visualized (the object of the mind's focus). Thirdly, that the energy of thought, syg-energy, is an active and generative meaning that has the power to reorganize matter-systems and bio-systems according to its own semantic content and strength (values, feelings, desires, needs, etc.).

The Retrocausal Attractor shows that, while visualizing a future event/situation, we are sending our generative thoughts and goals (as syg-energy with high intensity & coherence) toward a future time, thus increasing the chances of the event happening that very way. While doing that, our syg-field (and the specific constellation of the event-in-making) is stretched in time between our present time and the future-event time. Thus, visualizing implies a retrocausal dynamics as well, since the syg-energy we send into the future (to in-form the event-in-making *acting as an*

*attractor*) is constantly fed back to our own mind (in the present) and this creates a **feedback loop**, as a hyperdimensional and sub-quantum dynamics of our HD-mind. Thus:

*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.) (Hardy, 2021)*



**Fig. 4.** 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)

The OM RC-A is in fact the core of the sub-syg-field created with our intent (in the future time); thus it bears and organizes all the semantic contents repeatedly projected into it (via all visualizations/thoughts), e.g., aims, ideas, images, feelings... Then the Self, while sending a feedback to the ego (via the RC-A), may trigger a (slight) readjustment of the whole consciousness (syg-field); For example, beliefs or behaviors that are too discrepant or incoherent with the aim will be slightly tweaked and realigned with it.

But then, it suddenly becomes evident that our conscious mind (the ego) is nearly constantly projecting thoughts and intentions proactively – as in intending (thus shaping, in-forming) our next sentence, our next movement, as a will-to-act, and each time we are looking ahead to the next hour, day or to our future. These conscious intents/projections are like a charged syg-energy wave, with a tag attached to it as to their goal; they are feeding and in-forming our syg-field (precisely, its activated and relevant syg-constellations); and they trigger instant or delayed retroactive feedback by our own Self to our conscious mind and ego (for example, via a compensatory or else a symbolic dream).

Now, *the thought-process* itself is the spontaneous semantic linkage taking place within our numerous syg-constellations, and mostly unconsciously, save for thoughts/feelings of a high

intensity or match. Even our conscious thoughts and intents carry numerous unconscious links and dynamical networking – expressed at HDI speed, and a back and forth to the core activated constellation/concept (acting as an attractor) and possibly emerging into the conscious stream; and this implies a feedback loop as well. (As an example, a person may spurt out a rabid sentence during a debate and then suddenly decide to tone it down to avoid a spat.) And the way these links and the feedback from our Self is going to be woven into our thoughts consciously or unconsciously, now or later, is a function of the ratios of various semantic parameters.

But let's realize, with what we saw of S-ies, that our Self is the subject of our whole consciousness, that is, the conscious + the unconscious (as Jung expounded it clearly), and that this (supraconscious) subject is clearly involved in communicating with the conscious (the ego), such as sending signs and messages through dreams, S-ies, or psi phenomena. So that the Self's feedback to the ego personality may take many forms, one of which being to offer/insert new thoughts and viewpoints within our stream of consciousness.

## **6.2 The Retrocausal Attractor: A two-way correction mechanism Self-ego allowing self-awareness & self-conscience, and the engine of evolution and negentropy**

To grasp the process, we have to figure that, with each new intended project/task, the mind creates/reorganizes a whole semantic constellation (whose Center is the goal attached), each with its own RC-A (at Center) acting as an attractor of future events/factors, and retroactively shaping the ego's behaviors and thoughts. In consequence, the potent RC-As (that we have created in the first place) are undetectably but continuously steering our conscious thoughts and behaviors to conform to their goals. In brief, (since the HDI Self operates with syg-energy), the RC-A and its feedback loop adequately model the way our Self interacts and interferes with our ego-driven thinking and reasoning, and how the Self and syg-energy processes are constantly, profoundly, and pointedly, interlaced with our neuronal activity. Moreover, being retrocausal and FTL, syg-energy reaches our brain's neuronal networks (which are processing thoughts, emotions, behaviors) even before our intended action/behavior occurs. (The RC-A's retroactive information is thus totally coherent with Libet's and Radin's findings.)

In other words, the RC-A shows how the Self is guiding and steering our ego, while using this feedback loop as a continuous input (yet soft and undetectable) in our thoughts, behaviors, all the way to our brain's neuronal networks. This is akin to a correction or improvement process from the part of the Self. Let's remember, though, that it is with our conscious and social ego that we live and acquire emotional and relational intelligence, knowledge and skills, scientific and professional abilities, and our artistic and imaginary capacities. And the ego, in many instances, is the one to launch the intent, goal, or project, thus equally steering the Self toward certain paths (i.e., of action, of reflection). And it means that our personal as well as cultural life, our heuristic knowledge, do influence greatly our HD Self.

The Mind-Body-Psyche is certainly a multilevel network-system (with numerous, not just two, interlaced levels of organization); but we have two centers of consciousness, the ego and the Self. We are, as intelligent beings, a double identity-system— our HD Self/syg-field, and our 4D-ego/Body-Psyche – and there's a double (two-way) correction mechanism built-in the system. This constant dynamical forward-feedback loop, with divergence and tinkering both ways, is the

very dynamics by which we achieve self-awareness, self-conscience, and self-reference. Even more, that's how we attain self-examination – the capacity to reflect on our actions, behaviors, desires, and decisions – and exert self-control. And from there do blossom ethical conscience and (hopefully) wisdom, enriching societal organization and culture.

Let's just make an *arrêt sur image*, a moment of reflection, in order to realize that if we existed only on one level of reality – say the brain's neuronal activity (materialistic monism), or else the world of the conscious mind as reason (idealist monism) – this homogenous one-level system would never lead to self-reference and therefore self-consciousness. In the same vein, positing two radically different stuffs results in the dualist *mind vs. brain-body* split – and no workable mechanisms have been proposed by interactionism. Whereas in ISST, there's a deep interlacing of the HD and syg-energy into matter and biomatter (body-brain), via multilevel webs.

Eventually, the RC-A, by assuring a co-influence and co-evolution between Self and ego, instantiates a dynamics of change and evolution, a process of personal and collective intelligence, an engine of negentropy. Moreover, ISST posits that all living beings have a syg-field deeply interlaced with their bio-system, and interconnected with resonant syg-fields, such as in a group or species. On this basis, it is self-consistent with the ISS theory to advance that, as regarding animals, a type of RC-A, surely less complex, manages the interlacing of the syg-field with their brain. The syg-field of the living can (among other properties) carry the role of a “field of form” or “morphic field” (as theorized by Rupert Sheldrake), that is, as the *memorized* organizational form/body of a species (guiding morpho-genesis and growth), as well as its instinctual behaviors. However, ISST allows also to model the *dynamics of evolution and ad hoc learning*. It grounds the existence of a type of collective consciousness in a group of wild animals, and of its evolution through the life experience of individuals, as in the adaptation of a wild local group to its changing environment, or the emotional interaction of pets with their human masters, and their learning capacity well beyond Skinner's Operant Conditioning.

### 6.3 The spontaneous inter-influence between syg-fields as launching synchronicities

Likewise, ISST posits spontaneous links between similar contents (parameter of *semantic proximity*) among syg-fields, and moreover, as goes the *Law of syg-influence on matter systems*, which explicates mind-over-matter in terms of syg-energy, “the high-intensity system will impose its semantic organization (intention, goal, etc.) on the low-intensity one” (Hardy 2017, 2021). This law explains how a healer may effect a beneficial reorganization of an organ or biosystem, or how the Self may trigger a PK phenomenon on a matter system (as in the *Chime-PK S-y*). It also elucidates how a supraconscious Self could command to the ego's brain – as in directing the person's behaviors in order to arrange a synchronicity (e.g., in the *Moving S-y*), or else in taking control of the person's motor muscles (as in the *Precognitive unconscious act to avoid a car accident*).

Yet, the same law can shed light on Jung's famous *Scarab S-y*. When the patient described her dream of a golden scarab, she re-evoked, in her mind, the visual of the living scarab. It is my understanding that, when we form, and then use, a generic concept (such as ‘golden scarab’), we have a kind of superposed image/idea of scarabs we saw in real life or images, and that this generic concept is somehow related to the syg-field of the golden-hue scarab species (by

semantic proximity). Thus, the mental image of the golden scarab creates a spontaneous link with the species' syg-field, and then, any such scarab present around will be attracted toward the source of the syg-energy. The opposite may happen in case of the "Speak of the wolf/devil and he's sure to appear", where it would be better explained by a remote-sensing of the syg-field of the person nearby, before they actually appear.

## Conclusion

The careful analysis of real-life synchronicities has unveiled the reality of the Self as a necessary *subject* of the unconscious – i.e., a negentropic entity self-organizing the personal consciousness – operating in a nonlocal, beyond spacetime, and beyond-brain way to tinker with 4D events and the environment. It has also established that the Self is the global subject, the main operator, and the supraconscious facet of the whole personal consciousness (Self+ego). In fact, synchronicities demonstrate nonlocal mind capacities that only a hyperdimension of consciousness can allow, together with a hyperdimensional energy of consciousness – syg-energy – thus signaling the relevance of ISST, its self-consistency as a theory, and its potency in explaining psi, mind-over-matter, and synchronicities.

By so doing, I have unraveled a core dynamic of the Self-ego/brain interlacing, the Retrocausal Attractor, which sets, at the sub-quantum scale of syg-energy, a constant dynamical forward-feedback loop within activated semantic constellations (hyperdimensional level) and spreading to their qualified connections to the activated neuronal networks (4D level). This RC-A introduces, and puts into play, a two-way correction mechanism and inter-influence between the Self and the ego/brain, which is the very dynamics by which we achieve self-awareness, self-conscience, self-examination, and the capacity to exert self-control.

The reality of the Self, as well as the fact that we, as intelligent beings, have two centers of consciousness, the 4D-ego and the HD-Self are an inescapable predicate for any self-coherent theory of consciousness capable of explaining the nature and dynamics of psi and that of the negentropic, creative, mind. As Carl Jung first established it within his analytical psychology, we are a double identity-system, with a (supraconscious) Self and an earth-grounded ego/body-psyche. ISST moves a step forward to model the Self as a hyperdimensional Self, subject/center of the personal consciousness or syg-field, itself part of the ensemble of all syg-fields that constitute the cosmic consciousness field, The One, as a hyperdimension of consciousness in the universe, birthing it and pervading the matter universe.

Indeed, the astonishing potency of our nonlocal minds expresses itself in the building of a collective intelligence, an age-old phenomenon of the "communion of the saints" that is now our next step in mental evolution in the long-term path toward realizing Teilhard de Chardin's Omega Point, the unified and harmonic collective syg-field of humanity on Earth.



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