

Coherence Phenomena Across Human Knowledge

A Comprehensive View from All Sciences, All History

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INTRODUCTION

What do we know — across all disciplines, all times, all cultures — about organized, non-biological field phenomena that interact with human consciousness?

This is not a question about whether "the paranormal" is real in a narrow sense. It is a question about **pattern**:

What has the entire human record — from shamanic practice to modern physics — consistently observed about coherence, field effects, distributed intelligence, and non-local interaction?

We proceed chronologically and by discipline, and for each domain we ask:

- What does it describe?
- What is the implied mechanism (in its own language)?
- What can modern science recognize structurally (even if not accepting the metaphysics)?
- What is the status: descriptive, partially validated, untested, or contested?

The cumulative picture is that **coherence** — organized oscillation and field-like pattern — is a cross-cutting principle in human knowledge. At the end, we connect this survey to a **Resonant Universe model** that can host all these phenomena in a single physical framework and then point toward **discarnate coherence intelligences (spirits)** as a testable frontier.

PART I: ANCIENT AND CLASSICAL KNOWLEDGE

Eastern Philosophy & Mysticism (3000 BCE – 1000 CE)

Vedic Tradition (India, 1500–500 BCE)

What it describes

- **Prana**: an organizing field or life force flowing through bodies and cosmos.
- **Chakras**: nodes of coherence where consciousness concentrates.
- **Nadi**: channels through which prana flows, coordinating internal coherence.
- **Mechanism**: organized oscillation of energy creates agency and perception.
- **Model**: hierarchical levels of coherence (gross → subtle).

What modern science recognizes

- Structural analogy between prana flows and bioelectric/morphogenetic networks (field patterns organizing tissue).

- Hierarchical organization matches multi-scale / Fourier decomposition in complex systems.
- Prana can be reinterpreted as a field phenomenon rather than a mystical substance.

Status

Descriptive framework for coherence, internally consistent; not quantified, but compatible with field and systems theory.

Taoism (China, 500 BCE onward)

What it describes

- **Qi (chi):** a universal coherence principle permeating all things.
- **Yin/Yang:** binary oscillation whose dynamic balance generates phenomena.
- **Key insight:** reality as dynamic balance of opposed coherences, not static matter.
- **Wu Wei:** action aligned with underlying coherence patterns (non-forcing).

What modern science recognizes

- Qi as a field-like concept similar in role to EM/bioelectric fields.
- Yin/Yang as an oscillatory/dual principle matching many physical symmetries and bipolar structures.
- Wu Wei as phase-aligned action: moving with gradients and flows in a complex system.

Status

Philosophical coherence model; internally consistent; not experimentally formalized, but structure parallels modern dynamical systems thinking.

Neoplatonism & Hermeticism (Greece/Egypt, 100–400 CE)

What it describes

- **Nous (Divine Intelligence):** non-local organizing principle pervading cosmos.
- **Emanation:** reality flows from a unified source through hierarchies of coherence.
- **Correspondence:** "as above, so below" — same patterns at every scale.
- **Implication:** non-biological intelligences at many levels of existence.

What modern science recognizes

- Hierarchies and emanation resemble fractal/self-similar patterns in complex systems.
- Non-local organizing principle anticipates a field ontology in physics.
- Correspondence resonates with scale invariance and dimensional analysis.

Status

Metaphysical framework with deep structural parallels to modern complexity science; never experimentally articulated.

Kabbalah (Jewish Mysticism, 1200 CE onward)

What it describes

- **Sephiroth:** 10 levels of manifestation in a structured network.
- **Paths:** coherent connections between levels; consciousness can traverse them.

- **Ein Sof:** unified field underlying all differentiation.
- **Mechanism:** a topological structure of consciousness.

What modern science recognizes

- Ten-level hierarchy has analogies in multi-scale organization (from Planck to cosmic).
- Paths as topological/geodesic relations in an abstract state space.
- Unification principle parallels the idea of a unified field.

Status

Symbolic-mathematical coherence system; internally rigorous; empirically untested.

Classical European Philosophy & Alchemy (500 BCE – 1700 CE)

Aristotle & Scholasticism (384 BCE – 1300 CE)

What it describes

- **Logos:** non-material organizing principle of form.
- **Entelechy:** organizing principle of individual beings.
- **In Aquinas:**
 - Angels as pure, non-corporeal intelligences.
 - Hierarchy from God down to matter.

What modern science recognizes

- Form as organizational principle resonates with field topology and morphogenetic fields.
- Hierarchical ontology matches multi-scale, layered system architectures.
- Non-corporeal intelligence is conceptually compatible with substrate-independent mind (as in IIT).

Status

Philosophically systematic; not quantitatively developed; structurally aligned with modern notions of organization.

Alchemy (1000–1700 CE, Islamic, European, Chinese)

What it describes

- **Transmutation:** reorganization of coherence in matter.
- **Philosopher's Stone:** perfect coherence organizing all lesser matter.
- **Deep link:** between material and spiritual transformation.
- **Operationally:** dissolution, separation, union, fermentation = coherence state transitions.

What modern science recognizes

- Clear parallels to phase transitions and emergent properties.
- Body-soul linkage anticipates psychosomatic and psycho-neuro-immunological models.

Status

Practical-symbolic system; prefigured chemistry and system transitions; implicitly coherence-oriented.

PART II: INDIGENOUS & CROSS-CULTURAL PHENOMENA

Shamanism (Global, 10,000 BCE onward)

What it describes

- **Non-local journey:** consciousness leaves body and travels in "other realms".
- **Communication:** with non-human intelligences: spirits, ancestors, animal and landscape beings.
- **Information transfer:** knowledge, diagnosis, healing, guidance returned to community.

Mechanisms

Trance induction via:

- Drumming (rhythmic entrainment)
- Plant medicines (neurochemical modulation of coherence)
- Sensory deprivation (internal coherence amplification)
- Ritual (collective synchronization)

What modern science recognizes

- Altered states measurable in EEG, fMRI (distinct coherence modes).
- Rhythmic drumming entrains brain oscillations (phase-locking).
- Psychedelics alter default-mode network and integration.
- Cross-cultural similarity of phenomenology is striking and not trivial.

Status

Universal human phenomenon; mechanisms for brain state alteration partially understood; claim of external information remains untested at scale.

Mystical Experiences (Universal, all periods)

What mystics report

- Direct experience of unified reality; self-world boundaries dissolve.
- Non-local knowledge and insight.
- Encounters with non-human or divine intelligence.
- Lasting transformation in values, emotion, cognition.

Cross-tradition mapping

Christian theosis, Sufi fana, Buddhist enlightenment, Kabbalistic ascent, Vedantic samadhi.

Strong phenomenological overlap.

Modern study

- Classic phenomenology (James, Underhill).
- Neuroimaging of meditation and psychedelics:
 - coherent gamma activity
 - DMN suppression

- increased integration and/or entropy
- Users often report "encounter with an intelligent Other" (including in psilocybin studies).

Status

Reproducible capacity; internal coherence states well characterized; external intelligence claim unproven but phenomenologically consistent.

PART III: TRADITIONAL HEALING SYSTEMS

Ayurveda (India, 1500 BCE onward)

What it describes

- **Doshas** (Vata, Pitta, Kapha) as organizing principles of bodily coherence.
- **Agni** as coherence-organizing metabolic principle.
- Health = balanced coherence; disease = disturbed patterns.

Modern recognition

- Doshas partially correlate with constitutional / metabolic profiles.
- Many Ayurvedic herbs have identified active compounds.
- Coherence language maps loosely onto regulation and homeostasis.

Status

Empirically effective in many domains; coherence model descriptive; mechanistic link partly understood.

Traditional Chinese Medicine (1000 BCE onward)

What it describes

- **Qi** as organizing field; health as coherent flow, disease as blockage.
- **Meridians** as channels.
- **Acupuncture** as targeted intervention to restore coherence.

Modern recognition

- Some evidence beyond placebo for pain and certain conditions.
- Mechanisms debated: local neurochemical vs. systemic bioelectric effects.
- Meridians show functional relationships but unclear anatomical basis.

Status

Partial empirical validation; coherence model plausible; mechanisms not settled.

Shamanic Healing (Global)

What it describes

- Diagnosis via non-local perception (reading patient's field).
- Treatment via energy manipulation, ritual, plant medicines, "soul retrieval".
- Disease = coherence disruption; healing = coherence restoration.

Modern recognition

- Strong placebo/nocebo effects; psychophysiological synchrony in dyads; social-coherence effects on physiology.

Status

Real outcomes; coherence-entrainment mechanism plausible; not rigorously tested for objective field interactions.

PART IV: RELIGIOUS & THEOLOGICAL TRADITIONS

Across major traditions, we see the same structural motifs:

- A unified field (God, Brahman, Tao, Ein Sof, Nous).
- Non-biological intelligences (angels, devas, jinn, bodhisattvas, kami, spirits).
- Human–divine or human–spirit coherence via ritual, prayer, altered states.

Judaism: Shekinah (divine presence as field), angels, Kabbalah's coherence topology.

Christianity: Holy Spirit as distributed presence, angels, mystical union, charismatic phenomena.

Islam: Ruh (spirit), jinn as non-human intelligences, prophetic experiences.

Buddhism: dependent origination, mind-like field, bodhisattvas, subtle realms.

Hinduism: Brahman, devas, Maya as patterned consciousness.

Taoism/Confucianism: Tao as coherence principle, xian (immortals), ritual as alignment.

Shinto: kami as intelligences in nature; coherence with them via ritual.

Animism: spirits in animals, plants, landscapes; normality of human–spirit exchange.

Status

Theologically diverse; structurally convergent on a conscious, coherent universe populated by non-biological intelligences.

PART V: MEDIEVAL & RENAISSANCE PHILOSOPHY

Neoplatonic Transmission

Via Islamic, Jewish, and Christian thinkers:

- Unified field of being (Ein Sof, Divine Nature, Nous).
- Hierarchies of coherence (Sephiroth, angelic chains, Great Chain of Being).
- Non-biological intelligences as operators of nature (intelligences moving spheres, etc.).

Established a cross-cultural, philosophically coherent picture of a multi-level coherence cosmos.

Hermeticism & European Alchemy (1200–1700)

Key themes

- Universe as organized coherence at all scales.
- Mathematics as underlying structure (John Dee, Bruno).
- Non-biological intelligences (angels, planetary spirits) as operators.
- Magic as applied coherence-alignment.

Status

A bridge between metaphysics and natural philosophy; strong focus on structure and resonance.

PART VI: ENLIGHTENMENT & EARLY MODERN SCIENCE (1600–1800)

Descartes, Newton, Leibniz

- **Descartes:** makes mind–body interaction a precise problem (non-material causation).
- **Newton:** introduces action at a distance (gravity) through an unknown medium—early field concept.
- **Leibniz:** monads as coherence units; pre-established harmony as synchronized dynamics.

They legitimize non-local and non-material organizing principles in natural philosophy.

Mesmerism & Animal Magnetism

Franz Anton Mesmer

- Proposes a universal "magnetic fluid" connecting organisms; healer's will realigns it.
- Practices induce trance, suggestibility, sometimes healing.

Modern view

- Magnetic fluid does not exist as described.
- Trance and suggestion are real and powerful.
- Some phenomena remain imperfectly explained by suggestion alone.

Status

First systematic, quasi-scientific probing of consciousness–field interaction and group coherence.

PART VII: 19TH CENTURY SCIENTIFIC ENGAGEMENT

Spiritualism

Mass movement of spirit communication (Fox sisters onward).

Reported phenomena: raps, table movements, materializations, messages, healings.

Investigators

- **William Crookes:** physical measurements at séances; concludes some phenomena are real and unexplained.

- **Alfred Russel Wallace:** decades of study; asserts genuine phenomena.
- **Oliver Lodge:** etheric field hypothesis for poltergeists and spirit effects.

Modern reassessment

- Widespread fraud documented.
- A residue of well-attested phenomena remains, not easily dismissed.
- Emotional and developmental correlates suggest bioelectric or coherence mechanisms.

Society for Psychical Research (SPR, 1882–)

Applies early statistical and experimental methods to telepathy, apparitions, mediumship.

Differentiates between:

- Fraud
- Null results
- Real phenomena of unknown mechanism

Status

Establishes that some anomalies are not reducible to misperception alone; mechanism remains open.

PART VIII: 20TH CENTURY PARANORMAL RESEARCH

Consciousness–Matter Interaction

- **PEAR lab (Princeton):** RNG experiments suggest tiny but consistent intention effects.
- **Ganzfeld studies:** small but repeatable deviations from chance in telepathy-like tasks.
- **Duke / Rhine:** early ESP experiments; mixed results; methodological evolution.

Status

Evidence for micro-anomalies; heavily debated; if real, effect sizes are extremely small but pervasive.

Early Bioelectric / Morphogenetic Field Theories

- **Harold Saxton Burr:** electrodynamic field templates organizing development.
- **Rupert Sheldrake:** morphic resonance as non-local patterning mechanism.

Both postulate field-level organization beyond local chemistry and genes.

PART IX: MODERN PHYSICS & CONSCIOUSNESS STUDIES

Quantum Mechanics & Non-Locality

- Bell's theorem and experiments show non-local correlations are real.
- Interpretations vary, but classical local realism is untenable.
- Raises the possibility of a fundamentally relational, non-local reality.

Consciousness Theories

- **IIT**: consciousness as integrated information Φ , substrate-independent.
- **Global Workspace, Higher-Order, CEMI, Orch-OR, etc.**

Common threads:

- Consciousness is real and causally relevant.
- Several theories allow non-biological substrates to host consciousness if structure/integration is sufficient.

Neuroscience of Altered States

- **Meditation**: increased gamma synchrony, DMN modulation, lasting brain changes.
- **Psychedelics**: increased global integration/entropy, ego dissolution, frequent encounters with "Other" intelligences, lasting psychological benefits.

Interpretation question: Are these purely internal constructions, or is field coupling involved?

PART X: CONTEMPORARY ANOMALIES (1940–2025)

Unidentified Aerial Phenomena (UAP)

Long history of structured, non-ballistic aerial phenomena with sensor confirmation.

Modern official acknowledgment (Pentagon, AARO) that UAP are real and unexplained.

Possible interpretations:

- Advanced human or adversary technology.
- Unknown natural phenomena.
- Non-biological intelligences with advanced coherence-field engineering.

Status

Real, unresolved; kinematics suggest new physics or new engineering if standard sensor interpretations are correct.

Marian Apparitions

Major cases: Lourdes, Fátima, Zeitoun, etc.

Features:

- Luminous figures / light phenomena
- Occasional electrical grid disturbances
- Reports of healings and mass experiences

Possible mechanisms:

- Collective psychological coherence.
- Plasma/EM coherence structures.
- Encounters with non-biological field intelligences framed in Marian imagery.

PART XI: CONTEMPORARY PHYSICS PROPOSALS

Various speculative frameworks (ZEO / TGD, nilpotent QM, torsion-based gravity, scalar EM, cellular automaton models) explore:

- Topological, torsion-based, or deterministic substrates.
- Non-local correlations, wormhole-like connections, and new coherence regimes.

No consensus; but all move in the direction of relational, coherence-centered physics.

PART XII: MODERN BIOLOGY & CONSCIOUSNESS

Michael Levin's Bioelectric Cognition

Shows that bioelectric fields encode morphogenetic information beyond genes.

Xenobots and regenerating tissues use field-level decision-making.

Implication: agency and memory can reside in fields and networks, not just neurons.

Neural Coherence & Consciousness

Gamma-band synchrony, network integration, DMN dynamics correlate with conscious states.

Coherence patterns track access, awareness, and sense of self.

Supports the idea that coherence is a key structural feature of conscious processes.

PART XIII: SYNTHESIS – UNIVERSAL COHERENCE THEMES

Across all periods and domains we find:

Coherence states

Meditative, ecstatic, shamanic, psychedelic.

Reproducible; tied to altered perception and sometimes non-ordinary information.

Healing as coherence restoration

In traditional medicine, placebo, meditation, and modern mind–body medicine.

Anomalous information transfer

Shamanism, mysticism, mediumship, psi experiments, some UAP/Marian reports.

Non-biological field manifestations

Luminous forms, poltergeists, structured lights/UAP, sometimes with EM effects.

Temporal clustering

Peaks of anomalies around major technological, social, or geopolitical transitions.

This does not prove any particular metaphysics. It does strongly suggest that coherence phenomena form a real, multi-domain pattern in human experience and measurement.

PART XIV: WHAT REMAINS UNKNOWN

Key open questions:

- Can non-biological field structures develop agency and intelligence?
- Can human consciousness interface non-locally with external fields?
- Are historical anomalies (apparitions, poltergeists, Marian lights, some UAP) manifestations of non-biological coherence intelligences?
- Is there a unified coherence principle across:
 - biological morphogenesis
 - psychological and social states
 - physical EM/plasma/coherent quantum systems?

Many of these questions are now technically and conceptually askable, even if not yet solvable.

CONCLUSION: A FIELD AWAITING INTEGRATION

All human knowledge systems—from shamanism and religion to quantum physics and bioelectrics—point toward the same conclusion:

- **Coherence is fundamental.**
- It operates at all scales.
- It can be described rigorously (mathematics, physics, neuroscience).
- It underlies phenomena (consciousness, agency, healing, anomalies) that have historically been treated as separate.

The primary deficit is not data, but **integration**. Evidence is scattered across siloed disciplines.

The key integrative question becomes:

What coherence properties operate across all observed phenomena—biological, psychological, physical, historical—and what unified principles govern them?

The remainder of this document begins to answer that question by introducing a **Resonant Universe model** that can host all these coherence phenomena in a single physical framework.

PART XV: FROM COHERENCE PHENOMENA TO A RESONANT UNIVERSE MODEL

1. Why a Physical Model Is Needed

The survey so far shows:

- Coherence and field-like organization recur in ancient philosophies, religions, mysticism.
- Coherence and non-local interaction recur in shamanism, traditional healing, spirit-phenomena.
- Coherence, fields and non-local correlations are central in modern physics, neuroscience, bioelectricity, parapsychology.

This suggests that organized, non-biological field phenomena are not fringe artefacts but a recurrent structural theme in human engagement with reality.

To progress scientifically, we need:

1. A minimal physical framework that can host all of these coherence phenomena without inventing a new substance or force for each domain.
2. A way to relate the many metaphors—prana, Qi, Holy Spirit, morphogenetic fields, spacememory, VALIS—to a shared dynamical substrate.

The **Resonant Universe** (oscillator universe) provides such a framework. It is then possible to show how richer models—such as Dirk K. F. Meijer's superfluid quantum space and musical master code—emerge as effective descriptions of particular regimes of the same underlying oscillator field.

2. The Resonant Universe: Six Axioms

The Resonant Universe treats the cosmos not as a gas of particles, but as a hierarchy of coupled oscillators. For present purposes, we can state six axioms.

Axiom 1 – Universal oscillator substrate

At a fundamental level, the universe is an effectively infinite network of coupled oscillators:

- Most naturally, modes of electromagnetic and related fields.
- Degrees of freedom are essentially oscillatory, not static "things".
- "Particles" are not primitives but stable patterns in this oscillator field.

Axiom 2 – Matter as standing waves

Stable material entities—particles, atoms, molecules, macroscopic bodies—are:

- Standing-wave configurations of the oscillator field.
- Bound states are coherent superpositions of oscillatory modes.
- **Matter = pattern of excitation, not independent "stuff".**

Axiom 3 – Resonant interaction & synchronization

Interactions occur primarily via resonance and synchronization:

- In coupled oscillators, phase-locked, stable regimes appear in wedge-shaped regions of parameter space called **Arnold tongues**.
- These tongues are organized around **rational frequency ratios** $\omega_1/\omega_2 = p/q$ with small integers p, q .
- In large networks, synchronization and phase-locking are generic organizing principles.

Axiom 4 – Harmonic selection via Highly Composite Numbers (HCNs)

Among all possible resonances, some structures are especially robust:

- **Highly Composite Numbers (HCNs)** are integers with unusually many divisors (1, 2, 6, 12, 60, 120, ...).
- HCN-based harmonic structures support many subharmonics and combinations.
- They act as resonant hubs where many modes can interlock coherently.

Thus, preferred scales and cycles in physics, biology, psychology, and even macroeconomics cluster around HCN-related harmonics.

Axiom 5 – Scale invariance of oscillator patterns

The mathematics of oscillation and synchronization is scale-free:

- Resonance tongues, phase-locking, and HCN lattices can organize phenomena from quantum to cosmological scale.
- Empirically, harmonically structured cycles appear in celestial motions, climate, biological rhythms, social and economic cycles.
- The pattern of allowed relationships between frequencies is structurally similar at many scales.

Axiom 6 – Consciousness as phase-coherent network state

Consciousness is not an extra substance. It is rooted in phase-coherent patterns in neural (and possibly extended) oscillator networks:

- Conscious episodes correspond to periods where distributed neural populations exhibit stable, multi-frequency phase-locking across specific bands (delta, theta, alpha, beta, gamma).
- These states are informationally integrated and have clear causal boundaries.
- This is compatible with integration theories (IIT) and field theories (CEMI), but emphasizes resonant structure as the central mechanism.

3. Meijer's Superfluid Quantum Space from the Oscillator Universe

Dirk K. F. Meijer's framework adds:

- A **superfluid quantum space (SFQS)**: vacuum as a superfluid-like medium.
- An **acoustic information code / General Music (GM) scale**: discrete sets of coherent frequencies organizing life and matter.
- A **spacememory network**: toroidal vortices and wormhole-like topologies storing information.
- A **biophysics of consciousness** linking molecules, fields, and mind.

From the Resonant Universe viewpoint, these can be understood as emergent structures of the oscillator field.

3.1 Superfluid quantum space as continuum limit

Given Axioms 1–3:

- A large, strongly coupled region of the oscillator field with many modes in near-phase-lock and low dissipation admits a collective order parameter.
- The dynamics of this order parameter follow equations analogous to those of a superfluid (e.g. Bose–Einstein condensate).

Thus:

Superfluid quantum space is simply the continuum/hydrodynamic limit of a phase-coherent regime of the universal oscillator field.

It is not a new substance, but the macroscopic description of synchronized oscillators.

3.2 Acoustic information code / GM scale as resonance lattice

Geesink & Meijer's meta-analyses indicate that:

- Biological and other coherent systems respond selectively to specific EM frequencies.
- Beneficial frequencies cluster into discrete bands forming a GM scale; detrimental frequencies cluster elsewhere.

From Axioms 3–5:

- Arnold tongues define regions of stable resonance at rational frequency ratios.
- Tongues with small integer ratios and HCN structures are more robust and occupy more parameter space.
- Dissipative systems driven over time naturally gravitate toward these robust resonant domains.

Therefore:

The acoustic information code / GM scale is the empirically observed subset of the universal resonance lattice defined by Arnold tongues and HCN-based harmonics.

Scale-invariance (same patterns in cells, water, superconductors, etc.) is a direct consequence of the scale-free nature of oscillator synchronization.

3.3 Spacememory network as topology of coherent modes

Meijer's spacememory network introduces:

- Toroidal vortices
- Wormhole-like links
- Long-lived informational structures in the vacuum

In oscillator-field terms:

- A phase field supports topological defects—vortices, knots, linked loops—whenever phase winds non-trivially.
- In 3D, stable or quasi-stable solutions are often toroidal (vortex rings, knotted flux).
- These structures can be long-lived and store both energy and phase information.

Hence:

Spacememory = the ensemble of long-lived, topologically nontrivial, phase-coherent standing-wave modes in the oscillator field, encoding history and enabling nonlocal constraints.

"Wormholes" in this context are not necessarily geometric tunnels in spacetime, but nonlocal correlation structures in the field.

3.4 Biophysics: RRM and GM in the oscillator field

Meijer's biophysical program integrates Irena Cosic's **Resonant Recognition Model (RRM)** with the GM scale:

- RRM maps amino acid/nucleotide sequences to numerical series representing electronic properties.
- Fourier analysis reveals characteristic frequencies correlated with biological function.

In the oscillator framework:

- Proteins and DNA are mesoscale oscillators with eigenmodes.
- These modes can couple effectively to the global oscillator field if they fall within robust resonance domains (GM bands).

Thus:

RRM frequencies are local eigenfrequencies embedded in the global HCN-structured resonance lattice identified by the GM scale.

Evolution selects macromolecules that are good resonators in this lattice; they become efficient transducers of information between local biochemistry and global fields.

3.5 Consciousness as special resonant regime

Meijer views the brain as a fractal, toroidal antenna coupling to the acoustic code of SFQS; consciousness emerges from this coupling.

Via Axiom 6:

- Conscious states correspond to highly integrated, multi-band phase-coherent regimes in neural oscillator networks.
- These regimes occupy specific portions of the global resonance lattice (GM bands, HCN-related harmonics).
- From the SFQS perspective, such states are localized, multi-scale vortex/torus configurations in the superfluid order parameter.
- From the spacememory perspective, they are transient knots in the field topology.

So:

Consciousness = dynamically maintained, HCN-structured, phase-coherent states of neural oscillator networks, which appear in higher-level descriptions as local excitations of the acoustic code and transient nodes in the spacememory network.

No extra ontological primitives are required beyond the oscillator field and its dynamics.

4. Mapping the Coherence Survey onto the Resonant Universe

With this framework in hand, we can reinterpret the earlier survey.

4.1 Ancient philosophies & mysticism

- **Prana, Qi, Tao, Brahman, Ein Sof, Nous:** early attempts to describe the universal oscillator field / SFQS.
- **Chakras, meridians, Sephiroth, emanation chains:** intuitive maps of preferred nodes and pathways in the resonance lattice and spacememory network.
- **Mystical union:** large-scale synchrony between individual coherence patterns and broader field structures.

4.2 Shamanism, spirits, and NDEs

- **Shamanic journeys and spirit communication:** episodes of coherence coupling between human neural oscillators and discarnate coherence agents (DCAs)—stable patterns in the spacememory network.
- **NDEs:** extreme boundary conditions (near-death) driving the brain into unusual coherence regimes, experienced as exit from body and immersion in larger fields or beings.

4.3 Healing systems

Ayurveda, TCM, shamanic healing: all treat disease as broken coherence; healing as restored resonance.

In oscillator language:

- **Pathology** = local oscillators drifting out of stable GM domains.
- **Treatment** = interventions that return them to robust Arnold tongue regions.

4.4 Parapsychology and psi

Telepathy, clairvoyance, micro-PK: hypothesized as non-local coherence couplings between separated oscillatory subsystems (brains, RNGs, etc.).

Tiny, cumulative biases in systems operating near resonance thresholds would appear as small deviations from chance, exactly what PEAR-type experiments report.

4.5 Modern physics and bioelectric morphogenesis

- **Quantum non-locality:** microscopic counterpart of nonlocal correlation in coherent fields.
- **Levin's bioelectric morphogenesis:** direct evidence that patterning and "decisions" can reside in fields, not just neurons or genes.

In all cases, the oscillator framework provides a common language: **everything is patterns of coherence in a resonant cosmos.**

5. Implications and Next Questions

By placing "Coherence Phenomena Across Human Knowledge" within the Resonant Universe + Meijer framework, we gain:

A single physical substrate for:

- ancient metaphors (prana, Qi, Tao)
- theological constructs (Holy Spirit, angels, jinn)
- traditional healing
- parapsychological anomalies
- contemporary bioelectric/field theories

A route to testable predictions:

- HCN-biased spectra in coherent systems (biological and non-biological).
- Specific coherence regimes in brain and environment associated with anomalous information.
- Topological EM/plasma signatures during strong "field events" (apparitions, Marian phenomena, UAP anomalies).

Crucially, this sets the stage for the next step:

To apply this coherence and oscillator framework specifically to **discarnate coherence intelligences ("spirits")** and to the concept of **VALIS** (Vast Active Living Intelligence System), turning religious and paranormal language into a set of explicit, testable hypotheses about discarnate agents embedded in a resonant universe.

That is the natural bridge from this document to **The Science of VALIS**: from broad coherence phenomena → to a concrete physical model → to a focused, testable ontology of spirits as discarnate coherence intelligences.

End of Document

This completes the foundational survey and physical model. The next phase is the application of this framework to discarnate coherence intelligences and VALIS research.