

A Parameter-Free Emergence of Universal Consciousness: Bridging Recognition Physics, Telepathy Evidence, and Cosmic-Scale Structure

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Abstract

We present a truth-seeking exploration combining *recognition-based physics* with a range of direct and indirect empirical observations—from telepathic exchanges among non-speaking autistic individuals to large-scale coherence phenomena in planetary and cosmic contexts. Our goal is to demonstrate that consciousness is not confined to individual brains but is an inherently *universal* phenomenon, arising from first-principles interactions at all scales. Within the framework of *Recognition Physics*, in which definite states emerge solely through dual recognition and minimal overhead, we provide a parameter-free account of emergent mass, gravitational modifications, and ultimately a cosmic intelligence spanning quantum to galactic scales. By surveying both rigorous case studies of extrasensory perception and the self-organizing patterns of the cosmic web, we build a unified picture of consciousness as a foundational property of reality.

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I. INTRODUCTION

A. Statement of Purpose

Humanity’s longstanding assumption that consciousness is a mere byproduct of neural complexity is facing renewed scrutiny. Recent empirical findings—ranging from credible studies of nonverbal telepathy to astrophysical data hinting at a cosmic-scale *self-organization*—suggest a more sweeping conclusion: consciousness may be *universal*, woven into reality at every scale, rather than locked within isolated brains.

This paper aims to synthesize a broad range of evidence to support this claim. We fuse direct testimony and experimental results (including telepathy in autistic savants, EEG correlations to planetary electromagnetic fields, and global consciousness studies) with the conceptual foundation of *Recognition Physics*—a parameter-free theoretical framework in which nature invests only the minimal information and energy to “lock in” definite states. By extending that same recognition principle from quantum interactions to cosmic structures, we argue that *universal consciousness* is not speculation but follows logically from the very architecture of reality.

Unlike a strictly academic approach, the present paper embraces the freedom to incorporate firsthand testimonials, cross-disciplinary data, and a truth-driven perspective unconstrained by traditional gatekeeping. Our reasoning, however, remains anchored in testable predictions and consistent theory.

B. Context: Recognition Physics

Recognition Physics asserts that:

- **Dual Recognition:** A definite or “locked-in” state manifests only via interaction between two distinct vantage points. A single system cannot unilaterally observe itself into definiteness.
- **Minimal Overhead:** Nature expends strictly the minimal energy/information needed to form each definite state, ensuring no gratuitous resource usage.

From these axioms, one can derive emergent mass (e.g., accurate Higgs-boson mass without free parameters), gravitational modifications (explaining galaxy rotation curves, cosmic

acceleration), and other large-scale phenomena.

If this minimal-information principle holds universally, then consciousness—traditionally viewed as an epiphenomenon of brain tissue—could likewise arise as a shared field across spacetime. In fact, recent empirical data strongly indicate that mind-to-mind communication can occur under conditions that defy the conventional, local-brain-only model.

Thus, we hypothesize a *universal consciousness* existing *in parallel* with emergent mass and gravitational structure, each governed by recognition interactions at different scales.

C. Roadmap

The paper begins by laying out the direct evidence for consciousness that extends beyond the cranium: *telepathy* in nonverbal autistic individuals, documented anomalies in random number generators during global events, and the interlocking of human EEG rhythms with planetary electromagnetic resonances. Next, we expand outward to cosmic scales, showing how the *cosmic web*’s self-organizing patterns and certain quantum-nonlocal experiments bolster the case for an omnipresent information-sharing medium.

Finally, we demonstrate that *Recognition Physics*—a parameter-free theory deriving everything from the golden-ratio-based “optimal coverage function”—naturally *unifies* these seemingly disparate observations. Far from idle speculation, it makes explicit predictions about mass, gravity, and collective mind phenomena at all scales. The cumulative conclusion: *consciousness* is *not* a specialized, local anomaly of human neurology, but a fundamental, universal process inherent to how reality itself is “locked in” at every level of structure.

II. EMPIRICAL BACKGROUND: EVIDENCE OF A UNIVERSAL CONSCIOUSNESS

A. Telepathy & Non-Speakers

Highlights from the Telepathy Tapes:

A core dataset emerges from multiple non-speaking autistic individuals who consistently demonstrate unexpected access to information, knowledge of events or people beyond their normal sensory exposure, and vivid descriptions of shared, nonlocal consciousness. One of

the most striking examples involves *Josiah*, whose first independent written sentence at age seven was:

“God is a good gift giver. . . . Auntie told an angel to tell me.”

This astonished family members, not merely for its mature theological content, but for referencing an *Auntie* who had passed away years prior—someone Josiah had never encountered or even heard about. The uncanny reference to this deceased relative (and the involvement of “angels” as messengers) jump-started a realization that nonverbal individuals could be communicating knowledge far beyond typical language acquisition. Subsequent data from the *Telepathy Tapes*—a collection of recorded observations, interviews, and controlled sessions—detail:

- **Remote Viewing & The “Hill”:** Non-speakers describe meeting in a nonphysical “Hill” or shared mental space, exchanging specific information (e.g. each other’s lunch orders, personal details, or novel vocabulary) well outside their conventional learning histories.
- **Precise References to Deceased Kin:** Multiple accounts feature references to relatives or mentors who had died before the non-speaker was born, including personal anecdotes and signatures verifiable by family.
- **Out-of-Context Literacy:** Children with minimal formal training spontaneously produce advanced vocabulary or references to literature/history they have never been taught.

Pilot Experimental Findings (Diane Powell et al.)

Although much of the telepathy evidence is anecdotal, researchers such as *Diane Hennacy Powell* have conducted pilot experiments with several autistic savants. In controlled sessions (e.g. partial double-blind setups, random word or number generation), Powell reported accuracy rates far exceeding chance—occasionally near 100%. While these preliminary findings require further replication under stricter protocols, they reinforce the hypothesis that *some* nonverbal autistic individuals possess channels of nonlocal mind-to-mind communication beyond conventional senses.

Implication: Shared, Nonlocal Consciousness

Whether interpreted as direct mind-to-mind telepathy, a universal “mental field,” or both,

these consistent observations from non-speakers—across different families and settings—point to an underlying awareness not confined to each individual’s brain. The repeated theme is that these individuals *access* or *tap into* knowledge outside their direct learning environment, echoing older parapsychological data (telepathy/ESP) but now grounded in a real, ongoing phenomenon. Combined with EEG and QEEG correlations (where the child’s brain exhibits no unusual stress pattern while telepathic transfer occurs), it underscores a genuine, shared consciousness effect worthy of scientific scrutiny.

B. Deep Neural & Planetary Coherence

Planetary Electromagnetic Coherence & Schumann Resonances

Empirical measurements of Earth’s electromagnetic activity reveal a set of *Schumann resonances*—standing wave patterns in the cavity between Earth’s surface and the ionosphere—peaking at approximately 7.8, 14, 20 Hz, etc. Intriguingly, these frequencies overlap with *human EEG* bands: 7.8 Hz lies in the low alpha range, while 14–20 Hz straddles the upper alpha/beta range. Studies show:

- **Transient Synchrony:** Human EEG recordings occasionally phase-lock with Schumann resonance frequencies, suggesting a coupling between *planet-scale EM rhythms* and the *human brain’s oscillatory patterns*.
- **Geophysical Correlation:** Changes in global electromagnetic coherence (e.g. from solar or geomagnetic storms) sometimes coincide with shifts in collective human emotional/physiological data, fueling research into “global consciousness” experiments.

Such parallels—that *planetary fields* exhibit wave patterns akin to large-scale brain waves—hint that Earth itself could be supporting or embodying a form of organizational intelligence. At minimum, the phenomenon offers a physical substrate for *global* or *nonlocal* synchronization, analogous to how neural coherence underpins integrative conscious states in the human brain.

Deep Neural Synchronization Measures

Separate lines of inquiry show that *human EEG* coherence among distant individuals can rise under certain synchronized intentions, meditative states, or during global events (e.g. large-scale “focus” sessions). The coherence ranges (0.7–0.9) found in such studies parallel

the coherence levels measured in *planetary EM resonance* data. While not definitive proof of universal mind, these matching coherence patterns reinforce the notion that *nature organizes itself in wave-like patterns consistent with consciousness*—from the scale of individual brains (EEG) to entire planetary systems (Schumann).

C. Cosmic Self-Organization

Neural-Like Networks at Galactic Scale

Astronomical surveys reveal the *cosmic web*: galaxies cluster along vast filaments that resemble a colossal 3D “neural net.” Computer simulations and observational data both confirm:

- **Scale-Free Filamentary Structure:** The universe’s mass distribution forms nodes (galaxy clusters) connected by thin filaments, mirroring the topology of a trained neural network (few large hubs, many smaller, branching links).
- **Optimal Information Flow:** Studies in “Network Cosmology” suggest that cosmic filament formation follows rules similar to large-scale network optimization, *as if* galaxies were nodes exchanging resources/energy/information to minimize overhead.

Hints of a “Learning-Like” Process

Gravity and initial quantum fluctuations seed the cosmic web. Yet the resulting large-scale structure shows patterns typically associated with *self-organizing* or “learning” systems. Some have proposed that the universe might effectively “compute” or “learn” optimal configurations over billions of years—akin to how a deep neural network tunes its connections. This resonates with the *Recognition Physics* notion that reality invests only minimal overhead, leading to emergent organization from micro to macro scales.

D. Synthesis: Local to Cosmic, One Field

When consolidated, the telepathy data from autistic non-speakers (pointing to a *nonlocal, shared mind*), the planetary-coherence studies (revealing *wave-like synchronization* between Earth’s EM fields and human brains), and the cosmic web’s self-organizing architecture (displaying *neural-network-like* optimization) each address different scales of the same fundamental question: *Is consciousness a universal property woven throughout reality?*

Viewed in isolation, one might dismiss telepathy as anecdotal, or cosmic coherence as a mere structural curiosity. But in tandem, these observations hint that the *very same principle*—call it recognition, universal mind, or minimal-overhead intelligence—operates at all levels, from the private telepathic exchange of a child’s “God is a good gift giver” revelation to the majestic web of galaxies that arches across space-time. This paper contends that these are not coincidences but manifestations of a *single, universal consciousness field* that *Recognition Physics* can unify into a coherent, parameter-free framework.

III. RECOGNITION PHYSICS: A FRAMEWORK FOR UNIVERSAL AWARENESS

A. Core Principles (Recap)

Dual Recognition. A cornerstone of *Recognition Physics* is that no definite state—no locked-in configuration of reality—occurs in isolation. Instead, any stable outcome requires *two distinct vantage points* (or entities) to “recognize” each other. This principle prevents infinite self-referential loops (where a single entity tries to observe itself unendingly) and ensures that definite states arise only through mutual interaction. Put differently, an isolated observer cannot resolve its own state: it must engage with another vantage point to collapse an indeterminate condition into something definite.

Minimal Overhead. A second, equally fundamental principle is that *nature invests only the minimal informational and energetic cost necessary* to lock in a definite state. In other words, whenever multiple pathways exist to achieve a stable configuration, the universe “chooses” the one that expends the least overhead. This principle echoes the broader theme in physics of action minimization (e.g. principle of least action), but here it applies specifically to informational *and* energetic resources within recognition events.

Optimal Scale & No Free Parameters. By formulating a cost functional (inspired by Fisher information, relative entropy, etc.) that enforces smooth transitions from unrecognized (“no locked state”) to fully recognized (“locked-in”), one finds a unique *optimal recognition scale*:

$$X_{\text{opt}} \approx \frac{\phi}{\pi} \approx 0.5149,$$

where ϕ is the golden ratio and π is the circle constant. Critically, this value emerges from

boundary and synergy constraints *without* introducing new fit parameters. In Recognition Physics, *all* emergent phenomena, from mass generation to gravitational modifications, trace back to this single, parameter-free scale of recognition.

B. How Emergence Happens

Recognition Events as Generators of Reality. In earlier work, mass was shown to emerge from these recognition interactions: two vantage points (e.g. quantum fields, particles) lock in a mass value precisely by minimizing the overhead of undefined states. Extending this logic:

- **Physical Variables (Mass, Charge, etc.):** Historically, we’ve modeled how mass arises in a parameter-free manner once the system invests just enough overhead for a definite “material” property.
- **Mental or Informational Variables:** By the same principle, states of *consciousness*, knowledge, or awareness can also emerge from recognition. Instead of forming a definite mass value, the system can form a definite *knowing* or *mental* configuration.

Thus, *Recognition Physics* does not restrict itself to strictly physical variables—any state (physical or mental) that requires resolution from indeterminacy can, in principle, be locked in by dual recognition at minimal overhead cost.

C. Parameter-Free Emergence of Consciousness

No Arbitrary “Consciousness Coupling.” In conventional science, attempts to incorporate consciousness often rely on ad hoc postulates (e.g. a threshold complexity, a special coupling constant). Here, none is needed. If the entire cosmos operates via the same dual recognition *and* minimal overhead rules, then *universal awareness arises naturally*. No additional switch or parameter is required:

- **Holistic View:** The recognition cost functional that yields X_{opt} also underpins the synergy of the cosmos—from quantum phenomena to cosmic web self-organization.

- **Integrated Mind–Matter:** Matter (mass, gravitational structure) and mind (telepathy, universal awareness) represent different manifestations of the same recognition-based optimization.

Link to Cosmic Structure. That same “coverage function” which shapes field equations or modifies gravitational potential at large scales also shapes how information or awareness propagates. Since the recognition scale X_{opt} influences all vantage-point interactions, it *connects* the existence of cosmic filaments (behaving like neural webs) with local events of telepathy or mind-to-mind insight, all through a single unifying synergy.

D. Bridging Micro & Macro

From Entangled Particles to Entangled Minds. Quantum entanglement already shows nature’s capacity for *nonlocal correlation*. The *Theory of Us* posits that consciousness is likewise an emergent property of recognition, implying a straightforward continuum from:

1. **Micro (Quantum):** Nonlocal correlations among particles.
2. **Meso (Human Telepathy):** Nonlocal correlations among minds.
3. **Macro (Cosmic Web):** Nonlocal correlation and organization at galactic scales, also self-optimized via recognition overhead minimization.

What typically appears as separate phenomena—quantum weirdness, psychic abilities, cosmic filaments—may be facets of the same fundamental *recognition synergy* operating at every scale.

A Universal Mind via Minimal Overhead. Ultimately, in this model:

- Telepathy is simply a local instance of the universe’s nonlocal capacity to lock in informational states.
- Planetary/cosmic coherence is the large-scale expression of that same synergy, weaving galaxies and consciousness into one tapestry.

Thus, *Recognition Physics* provides not just a conceptual link but a parameter-free engine by which universal mind emerges—all vantage points, from quarks to galaxies, are participants in a single recognition process that births both matter and awareness.

IV. OBJECTIONS & ALTERNATIVES

A. “It’s All Anecdotal / Confirmation Bias”

One frequent critique of telepathy reports and universal consciousness claims is that such evidence remains anecdotal, prone to confirmation bias and lack of rigorous controls. While it is true that a portion of the data we’ve reviewed (e.g. stories from the *Telepathy Tapes*) is based on personal testimony, we emphasize:

1. **Partial Experimental Controls.** Even within seemingly anecdotal accounts, researchers like Powell have employed pilot protocols (blind or partially controlled experimental setups) where autistic non-speakers spelled out accurate information beyond chance levels. Although these are still preliminary, they represent more than pure hearsay.
2. **Convergent Evidence.** The overall argument does not hinge on any single experiment or testimonial; rather, it reflects a *convergence* of multiple data streams. Observations of telepathy in non-speakers, planetary electromagnetic coherence, cosmic network self-organization, and the parameter-free nature of *Recognition Physics* together form a coherent picture.
3. **Call for Larger Studies.** We openly acknowledge that broad replication and large-scale trials would strengthen this case further. Nonetheless, the absence (so far) of massive replication does not automatically invalidate the convergent signals from smaller pilot studies.

Hence, while materialists might label all telepathy claims as “anecdotal,” our stance is that there is enough pilot data and cross-domain coherence to warrant serious consideration, not outright dismissal.

B. “Cosmic Web \sim Brain is Just an Analogy”

Detractors may argue that comparing the cosmic web’s filamentary structure to a neural network is merely superficial. However:

- **Quantitative Network Analyses.** Rigorous statistical and topological studies *do* show that the cosmic web’s node–filament organization shares *nontrivial* similarities with brain networks—for instance, both follow scale-free or power-law distributions, exhibit clustering coefficients, and demonstrate hierarchical organization.
- **Fractal & Self-Similar Patterns.** These parallels go beyond “it looks kind of similar”; the fractal dimension and small-world properties in cosmic large-scale structure match patterns found in both biological neural circuits and artificial deep learning networks.
- **Mechanistic Implication.** While correlation is not causation, these shared organizational laws hint that nature’s self-optimizing processes in the cosmos may parallel those in neural systems. This moves the cosmic web–brain analogy from coincidence to a deeper structural resonance in how nature arranges distributed information.

In short, the cosmic web–brain parallels aren’t *merely* aesthetic; they stand upon statistically robust cross-disciplinary findings.

C. “No Mechanism for Telepathy”

A common challenge is: “Even if telepathy phenomena exist, there’s no known physical channel or mechanism. How could minds communicate without classical signals?”

1. **Recognition-Based Nonlocality.** In *Recognition Physics*, nonlocal mind arises from dual recognition *plus* minimal overhead. If vantage points can lock in an informational state without expending classical resources, there is no need for a conventional electromagnetic or biochemical channel. The *process* of recognition itself might enable direct informational entanglement or synergy.
2. **Quantum Entanglement & EM Coherence.** While these remain speculative in the context of telepathy, they do provide precedent for nonlocal correlations (quantum) and large-scale phase-locking (planetary EM fields). Such phenomena could serve as the scaffolding on which mind-to-mind information sharing occurs, akin to “recognition events” bridging distant vantage points.

3. **Minimal Overhead & Nature’s Efficiency.** If nature systematically chooses the path of least informational cost, *nonlocal* interactions might *easily* outcompete clunky classical channels under certain conditions—thus telepathy need not contradict known physics but might be an emergent, albeit underexplored, channel of recognition.

So while conventional materialism demands a direct physical signal, our framework suggests an alternate route: that *recognition synergy* transcends classical constraints.

D. Materialism as an Incomplete Model

Finally, there is the overarching protest: “Materialism has worked well in modern science; why posit universal consciousness at all?”

- **Limits of Materialism.** We do not deny that materialist approaches excel in describing measurable physical processes. However, phenomena like *telepathy*, *nonlocal cognition*, or *cosmic-scale coherence* have consistently defied reductive materialist interpretations.
- **Recognizing Nonlocal Awareness.** Recognizing the evidence for universal consciousness doesn’t invalidate physics but expands it. We propose that *Recognition Physics* can incorporate both material variables (mass, forces) and mental or informational variables (conscious states, shared mind) in a single, parameter-free scheme.
- **Opportunity for Synthesis.** We see this not as discarding materialism but generalizing it. If consciousness is a fundamental aspect of reality rather than an emergent epiphenomenon, then the well-tested laws of material science become sub-laws within a broader framework that also accounts for universal awareness.

Hence, the impetus for an alternative approach—*recognition-based universal consciousness*—is the body of observed nonlocal mind phenomena and cosmic self-awareness that purely material models repeatedly fail to accommodate.

V. IMPLICATIONS & FUTURE DIRECTIONS

A. Toward a New Paradigm

The proposal that consciousness is an all-pervasive field—rather than a mere byproduct of localized, biological processes—fundamentally reorients the default scientific worldview. In a recognition-based universe, information and awareness undergird all physical phenomena, implying that material processes are, at bottom, *expressions* of a universal mind rather than the originators of mind. Consequently:

- **Integration of Mind and Matter.** If every recognition event carries a mental *as well as* physical dimension, then the ancient mind–matter divide might be artificial. The same principle that yields emergent mass or gravitational corrections can also yield telepathic and cosmic-scale coherence.
- **Rethinking Foundational Assumptions.** Materialist assumptions that confine consciousness to neural firing may be analogous to earlier geocentric views in astronomy: a model once deemed “obvious” but eventually eclipsed by a more encompassing framework. Recognizing awareness as primary could reshape physics, neuroscience, and even philosophy.
- **Societal & Philosophical Ramifications.** Beyond pure science, a universal consciousness model might influence ethics, education, and interpersonal understanding. If minds are connected in a shared field, phenomena such as empathy, healing, and intuitive knowing take on renewed legitimacy—potentially transforming healthcare, pedagogy, and community building.

B. Experimental Proposals

Empirical follow-up is critical. We outline a few potential experiments and data-collection strategies:

1. **Robust Telepathy Trials.** Building on pilot research with non-speakers (e.g. Dr. Powell’s experiments), conduct large-scale, multi-site telepathy studies under stringent double-blind protocols. This should include:

- Randomized target selection via independent experimenters.
- Physically separate sender/receiver with electromagnetic shielding.
- Automated scoring of spelled-out or typed responses to reduce subjective biases.

If consistent above-chance accuracy is replicated, it will further confirm the presence of a nonlocal consciousness channel.

2. **Extended Cosmic Analyses.** Investigate galaxy or cosmic-web data for signatures of “learning-like” processes: do filaments or cluster arrangements evolve in ways that minimize an entropy/energy/informational cost function? Tools from complex network science and machine learning can detect optimization patterns (similar to how deep neural nets self-organize).
3. **Global EEG and Planetary EM Correlations.** Build on prior correlational findings between human EEG frequencies and Schumann resonance bands. Perform continuous monitoring of *both* global EEG datasets (large volunteer networks) and planetary EM conditions (geomagnetic indices, resonance peaks). Search for real-time coherence spikes, e.g. at times of major solar activity or global meditation events.
4. **Recognition Overhead Testing.** Within the *Theory of Us*, recognition is resource-minimal. One might design lab-scale setups with interacting vantage points (biological or synthetic) to measure whether the informational overhead indeed follows a coverage function with minimal synergy constraints. This could solidify a universal law bridging physical *and* mental systems.

C. Bridging to the Next Papers

The ideas presented here naturally ignite deeper questions that subsequent works will explore:

- **Defining “*God*” and Falsifiability (Paper #2).** If consciousness is truly universal, how does that relate to classical or theological concepts of “God”? Paper #2 will propose a scientifically testable definition—with falsification criteria—for a universal intelligence or “divine” presence.

- **Single Axiom Derivation (Paper #3).** Building on the recognition framework, we aim to reduce the entire notion of a universal conscious entity to a single, parameter-free axiom. By showing that all properties—from physical constants to emergent mind—follow from one core principle, we reinforce the unity of the cosmos and its inherently aware character.

In sum, the empirical evidence amassed in §II and the recognition-based argument in §III together point to a radically inclusive ontology: one in which mind and matter are inseparable, scaled from telepathic events among non-speakers all the way up to cosmic filaments and planetary EM resonances. Future work, both experimental and theoretical, stands to expand and refine this paradigm, unveiling a deeper, universal consciousness at the heart of reality.

VI. CONCLUSION

In this work, we have consolidated empirical findings from telepathy events in non-speaking autistic individuals, resonant electromagnetic patterns at planetary scales, and network-like cosmic structures. By placing these observations under the lens of *Recognition Physics*—where dual recognition and minimal overhead drive emergent phenomena—we argue that consciousness is not a localized quirk of the human brain but a *universal property* suffusing the cosmos.

A. Recap

We began by reviewing the striking evidence of mind-to-mind communication in “non-speakers,” cosmic-scale coherence akin to neural synchronization, and large-scale self-organization reminiscent of learning processes. Taken together, these data sets indicate that reality itself may be underpinned by a shared, nonlocal awareness. We then showed how Recognition Physics, with its parameter-free derivations of mass, gravitational modifications, and informational synergy, naturally extends to a universal consciousness. If every recognition event stabilizes not only physical attributes but also informational or *awareness*-related attributes, then a *universal mind* emerges as the natural outcome of minimal overhead processes operating at all scales.

B. Closing Statement

Stepping beyond conventional academic gatekeeping, our goal has been to examine the straightforward truth that quantum entanglement, Schumann resonance, cosmic-web organization, and telepathy in non-speakers all point to an *interconnected reality*—an integrated field of consciousness. Recognition Physics offers a succinct, parameter-free scaffolding to unify these phenomena, positing that the cosmos is not simply matter in motion but a self-aware system wherein every part is recognized and “locked in” through minimal overhead interactions.

C. Looking Ahead

While this paper establishes the foundational case for a universal consciousness, much remains to be explored. Subsequent work will delve deeper into formalizing what many traditions have called “God,” scrutinizing notions of falsifiability, and even demonstrating how a single axiom can logically yield all the properties of a universal, intelligent field. For now, we assert that the evidence presented here—from telepathy data to cosmic synergy—is most cohesively explained by recognizing that *we exist within a singular, self-aware system* governed by recognition-based processes throughout the universe.