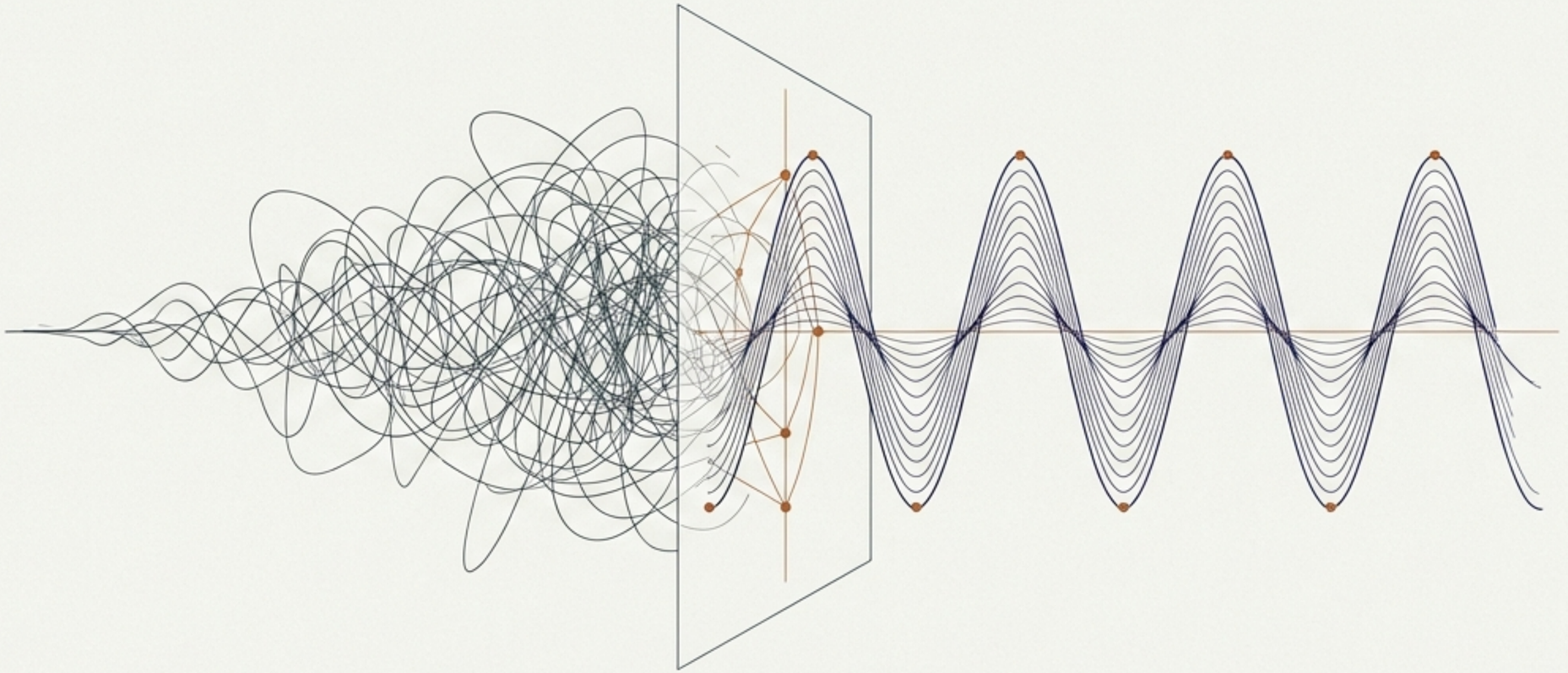
Toward a Phase Conjugate Psychology

A Unified Field Model of Mind, Healing, and Relational Coherence



Based on the work of Sara Cohen | Damien Lafont, PhD | Natalie Deane

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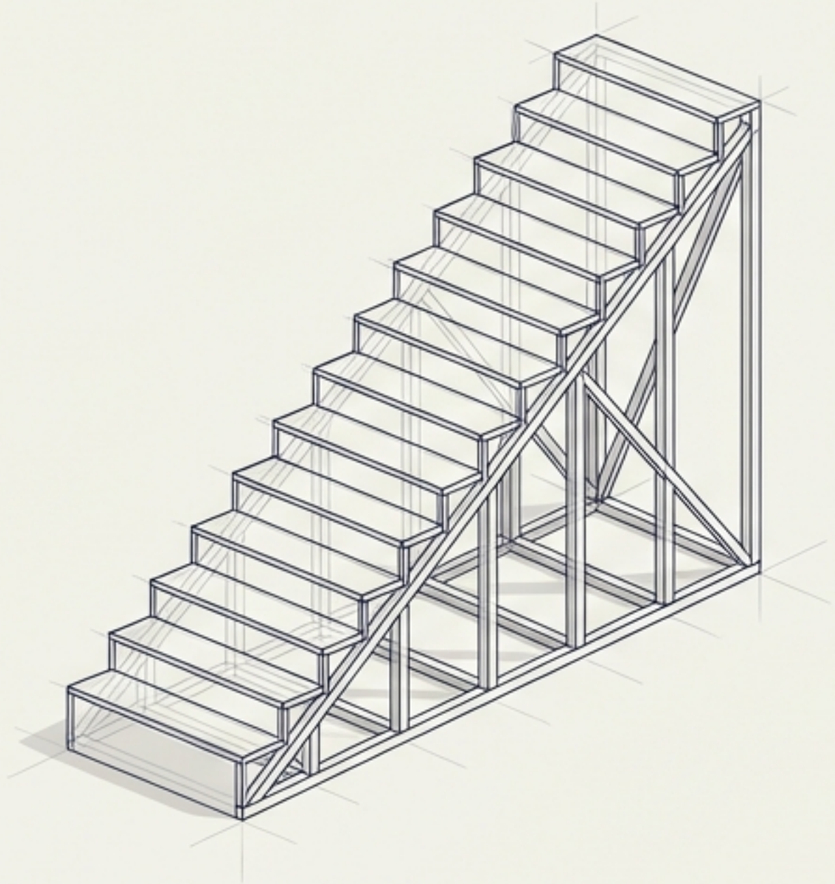
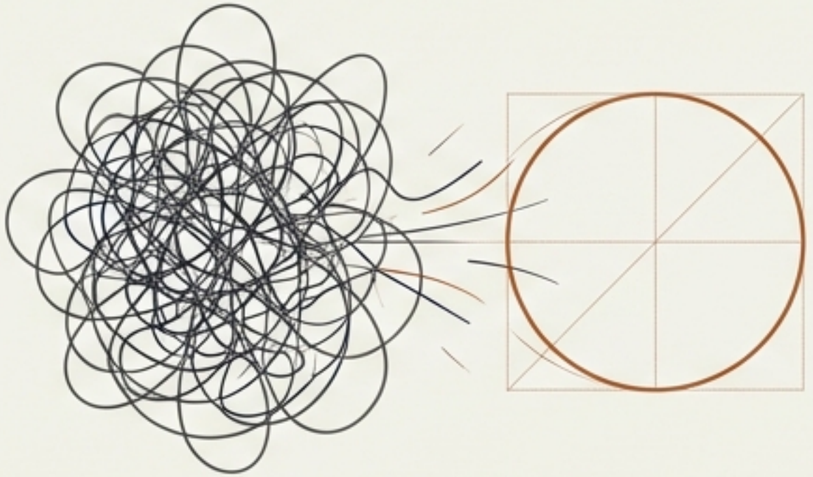
The Mystery of Sudden Transformation

Linear Model



The Transcendent Function



Paradox of Practice: Meaningful change is rarely linear.

The Phenomenon: Months of fragmentation often resolve in a single moment of clarity. Jung called this the Transcendent Function—the emergence of a 'third' symbol that reconciles opposites.

The Gap: Current trauma models explain the dysregulation (the knot) but lack a mechanism for the sudden re-integration (the circle).

"A sudden gathering of meaning from a deeper place."

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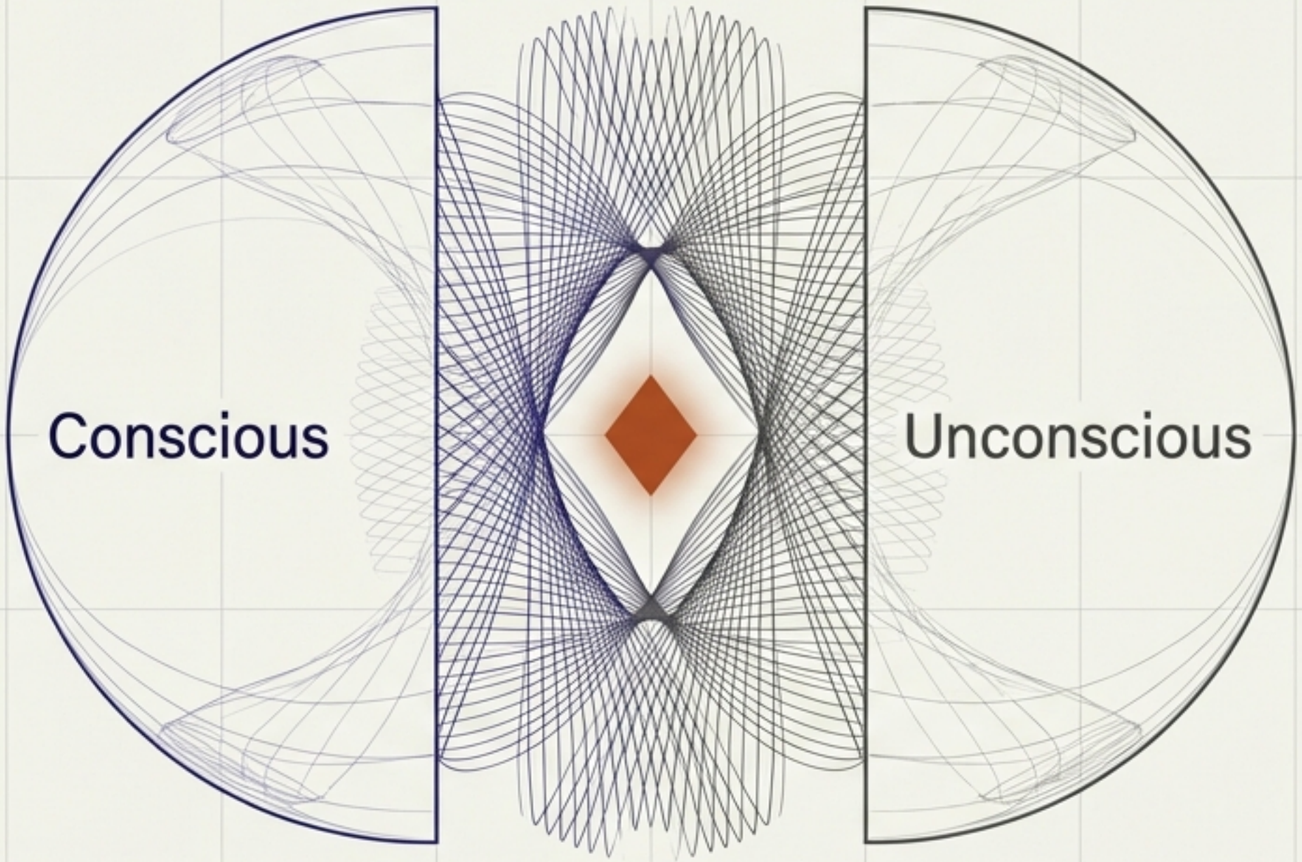
Pillar I: Jung and the Architecture of Polarity

The Tension of Opposites: Psyche is polarity-based. Growth requires holding the tension between opposing tendencies without collapsing.



The Missing Physics: Jung mapped the phenomenology, but not the mechanism. How does the psyche self-organize from chaos?

The Emergent Third: When tension is sustain-ned, a symbol arises spontaneously. This is the Transcendent Function.

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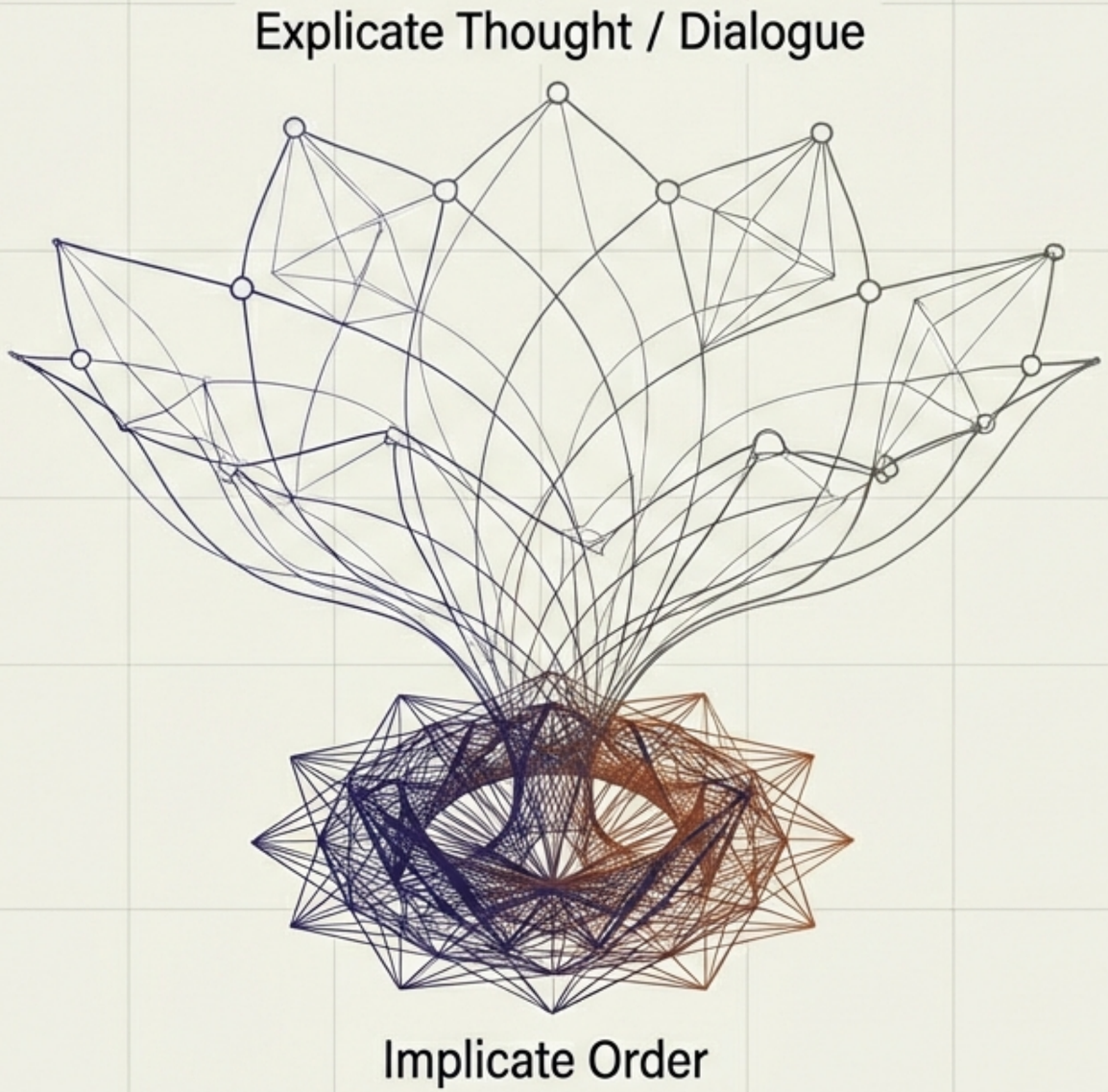
Pillar II: Bohm’s Implicate Order

Mind as Field: Thought is not an isolated event but a process unfolding from a deeper, implicate order.

Dialogue as Mirror: In shared attention, the group field reflects distortions back to the individual.

Nonlocality: Meaning is distributed. Insight arises not in the head, but in the space between.



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Pillar III: Indigenous Wisdom & Connection

Healing is Relational: Wellbeing depends on alignment with Land, Kinship, and Ancestral Law.

Ceremony as Medium: A structured, nonlinear process where individual distress encounters the stable field of Country.

Reciprocity: The environment ‘sees’ and ‘responds.’ You do not heal in the world; you heal with it.

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The Synthesis Gap

The Missing Link: How does a chaotic, traumatized system automatically self-correct?

The Proposal: Nonlinear optics offers the mechanism.

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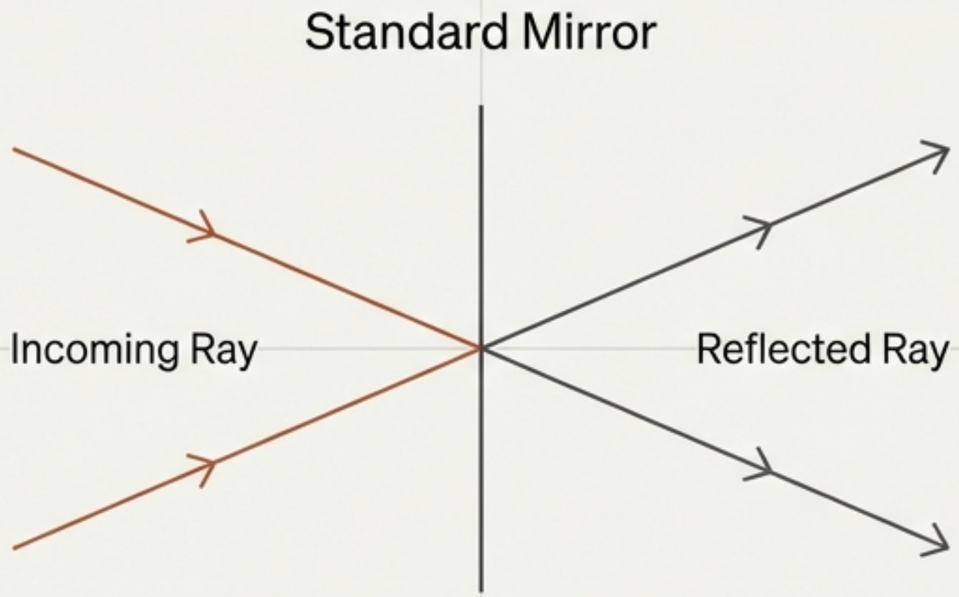
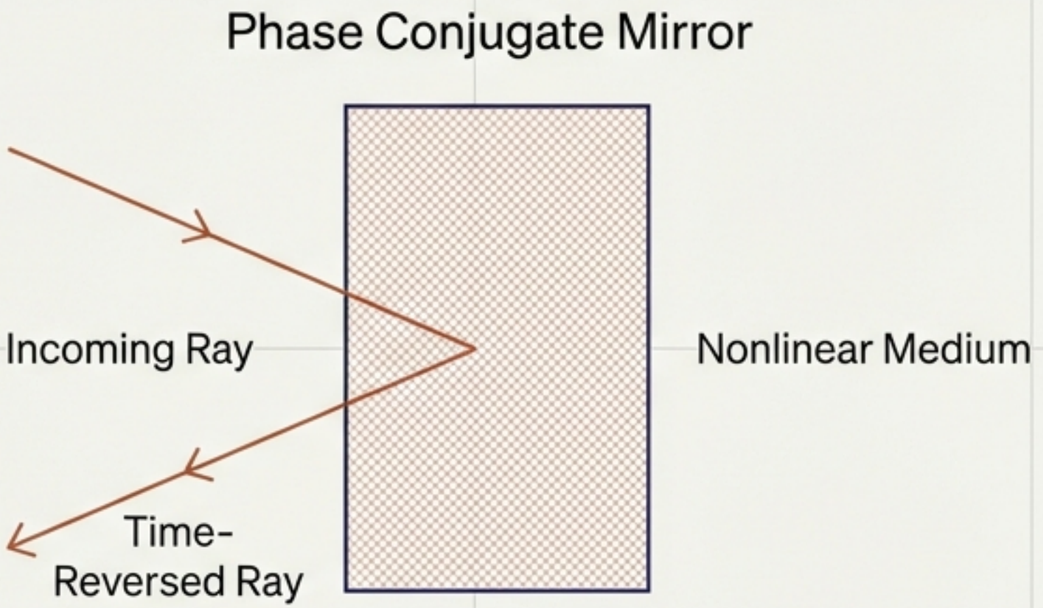
The Key: Phase Conjugation

The Difference Between Reflection and Reversal





Definition: A phenomenon in nonlinear wave physics where a system generates a time-reversed replica of an incoming signal.

The ‘Magic Mirror’: Unlike a standard mirror which reverses space, this mirror reverses the wavefront itself, effectively ‘undoing’ the journey.

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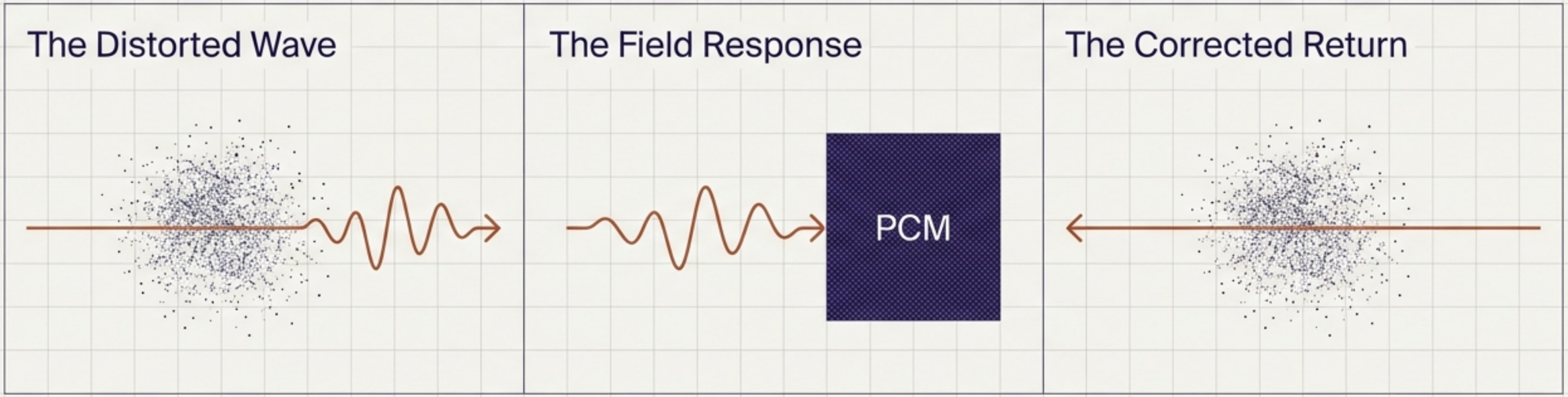
The Mechanism of Auto-Correction



The return wave cleans the mess simply by retracing the path.

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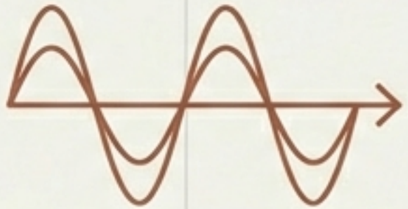
Three Properties of the Conjugate Return

1. Time-Reversal

The wave moves as if returning to its origin. The system “remembers” its coherent form.



2. Distortion Correction

As the wave returns, it creates complementary interference that cancels noise automatically. No analysis required.

3. Coherence Restoration

The result is a reconstruction of the original, pure pattern. Order emerges from chaos.

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The Rosetta Stone: Mapping Physics to Psyche

Physics	Psychology
Distorted Wave →	Trauma & Fragmentation (Frozen loops of reactivity)
Nonlinear Medium →	The Therapeutic / Ceremonial Field
Conjugate Return →	Insight & Symbol (The ‘Third’ that corrects distortion)

Insight is a phase-conjugate event—a deeper pattern returning to correct the distortions of conscious experience.

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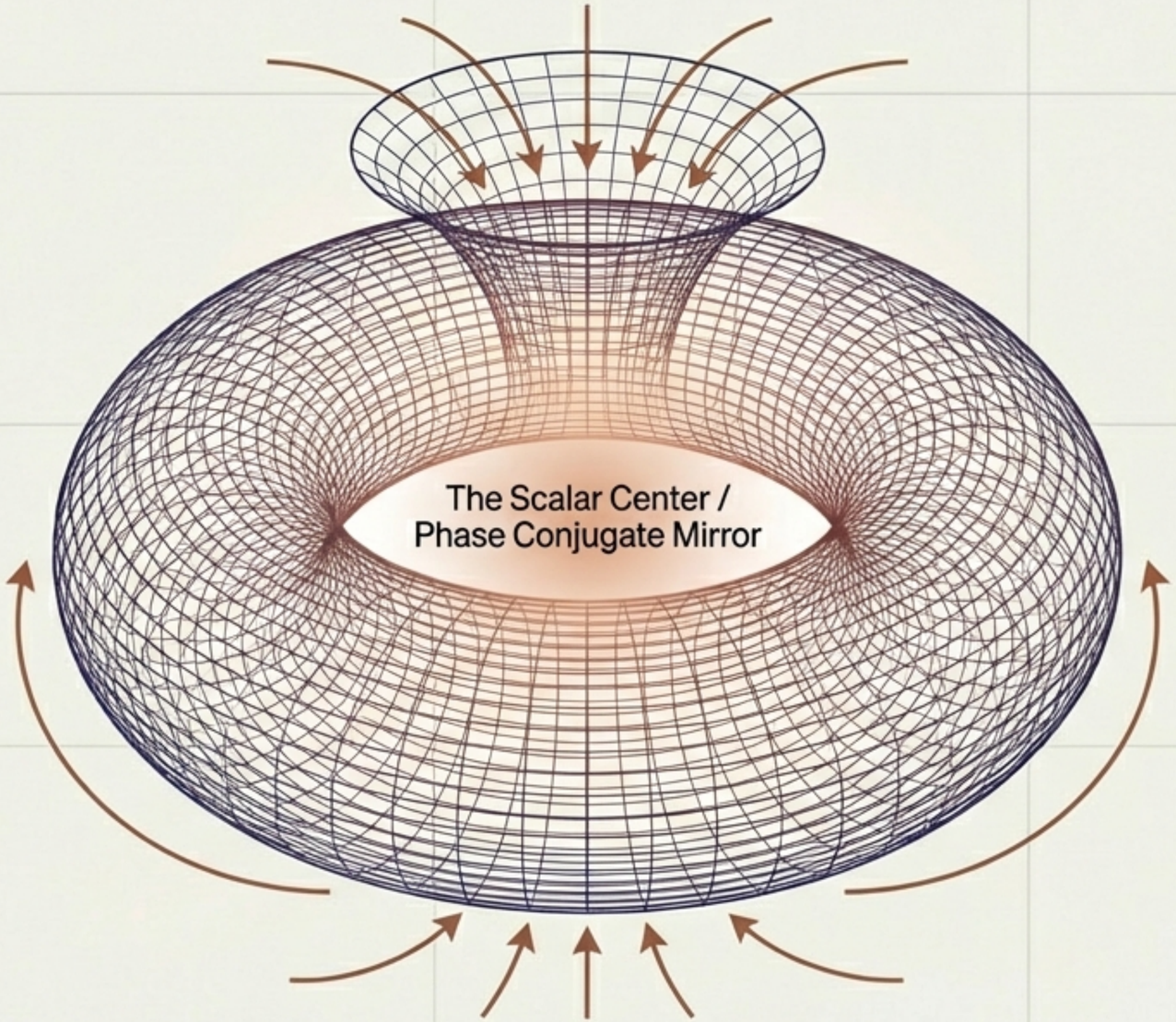
The Neurobiological Anchor



Meijer's Toroidal Model: The brain is not a box; it is a toroid.

The Scalar Center: The point of stillness where inward and outward flows converge.

Function: This center acts as the Mirror. It receives sensory fragmentation and returns coherent neural patterns.

Correlation: The biological correlate of Jung's 'Self'.

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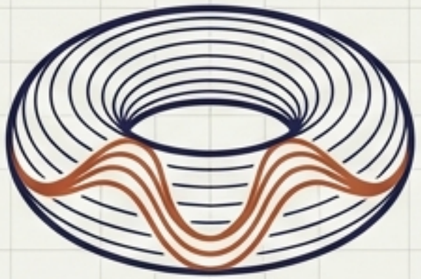
Defining Phase Conjugate Psychology



A model in which mind is a dynamic relational field capable of self-correction through inversion, reflection, and resonance.

- Trauma is a broken wavefront.
- Healing is the restoration of symmetry.
- The ‘Self’ is the mechanism of inversion.

Shift: From “Mind as Machine” to “Mind as Self-Correcting Field”.

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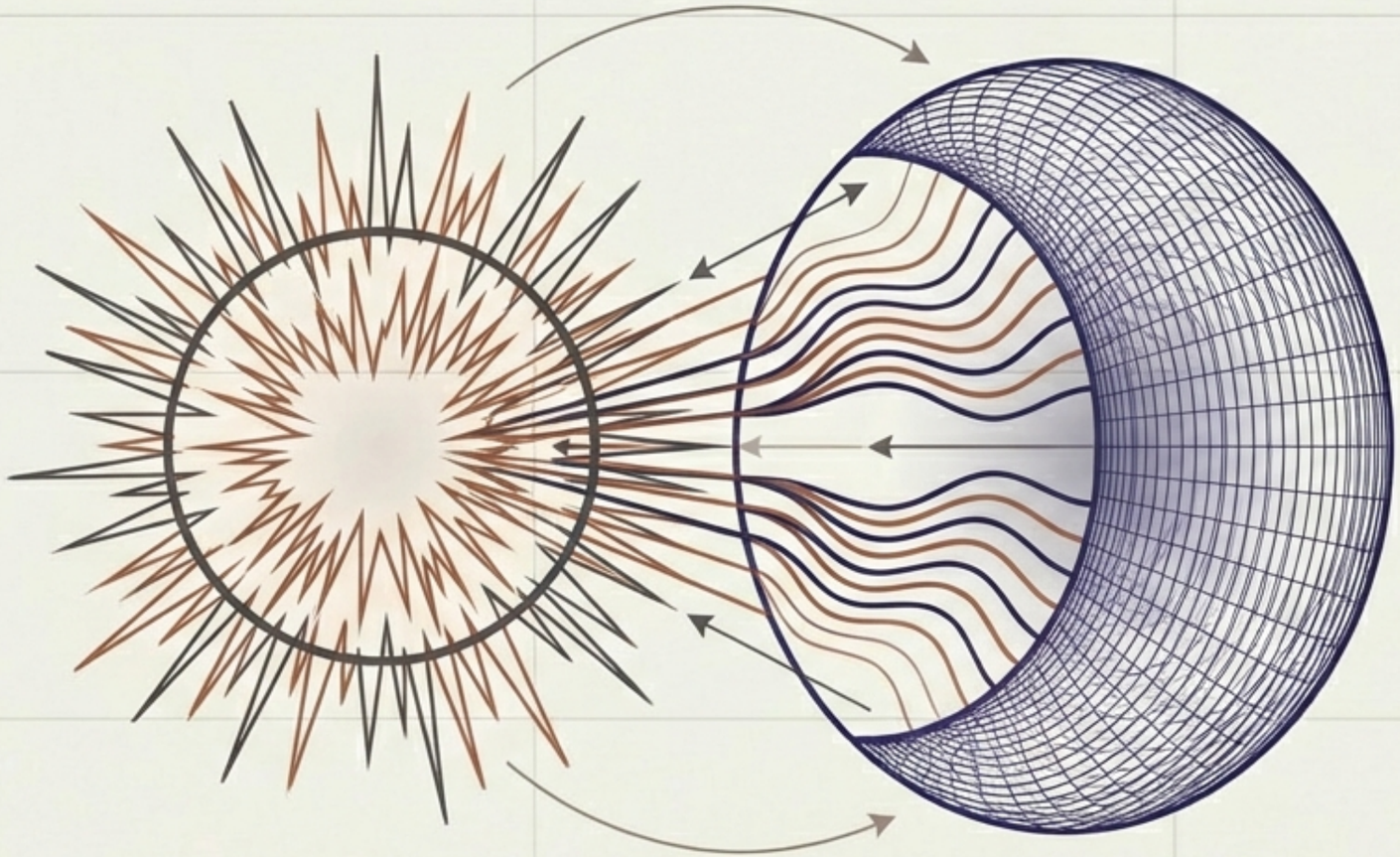
Clinical Practice: ‘Inside-Out’ Healing



1. Holding the Tension: The therapist sustains conflict without premature resolution, creating the nonlinear medium.

2. Non-Reactive Presence: Regulation creates the stable surface for the mirror.

3. Symbolic Mirroring: Interpretations and images act as the ‘return wave,’ organizing the client’s chaos.

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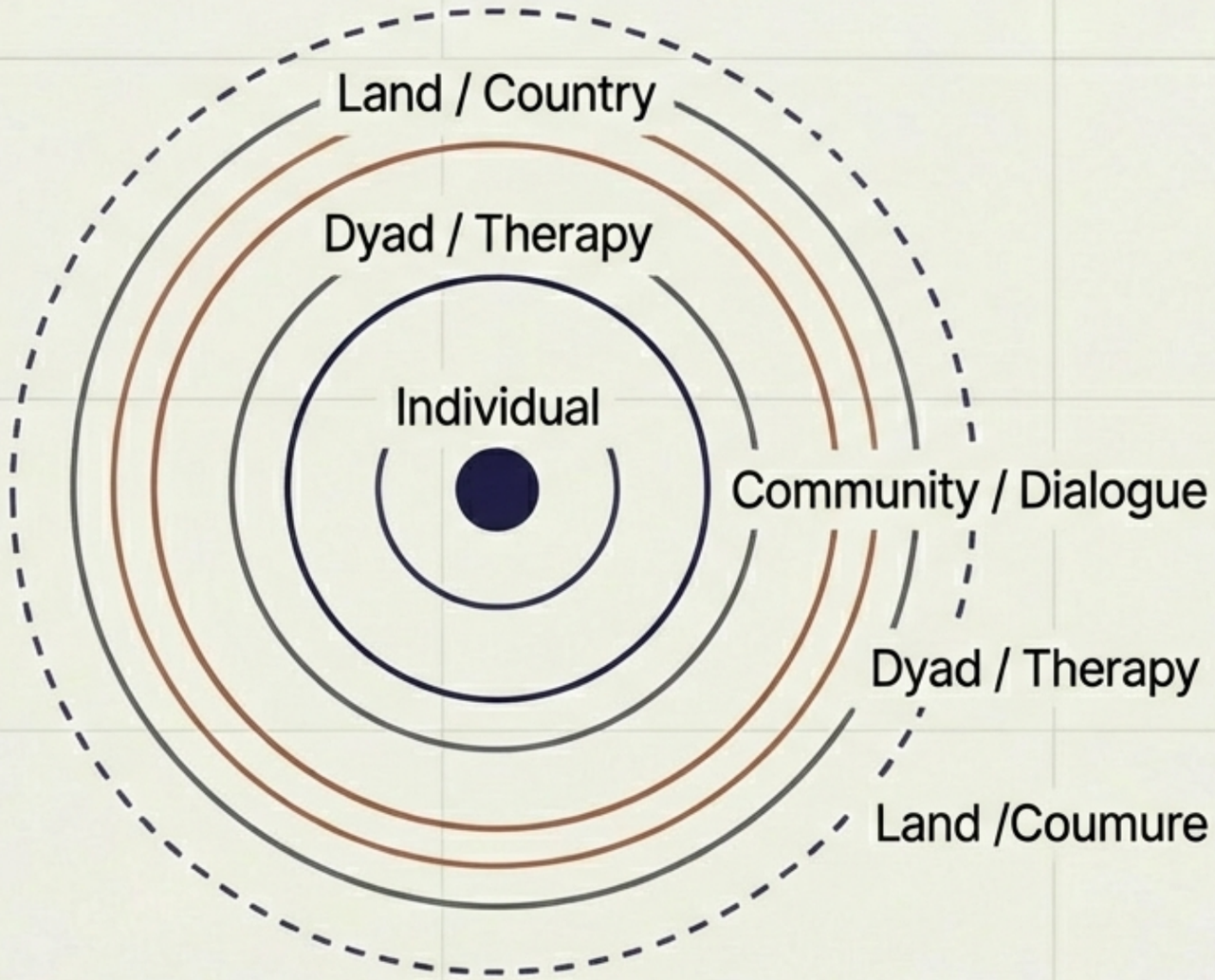
Collective Fields & Cultural Healing



The Group as Mirror: In Dialogue or Group Therapy, the collective field amplifies the correction signal.

Ceremony: Participatory processes that align the individual with the coherence of the environment.

Cultural Context: Healing is re-entry into the ‘Scalar Center’ of the community.

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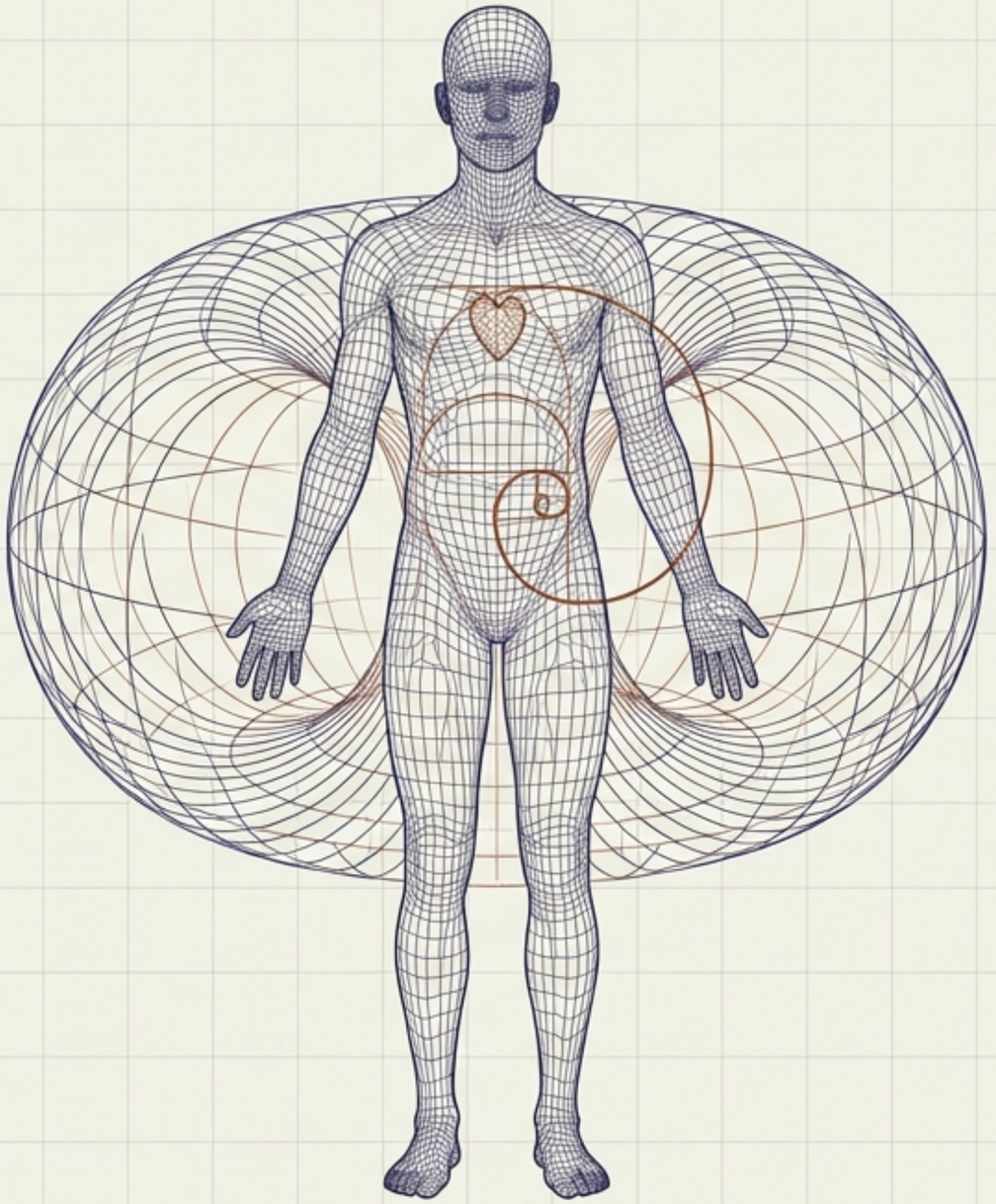
The Universe's Architecture of Wholeness

Conclusion: Psychological transformation is not a lucky break; it is a physics principle.

When we hold the tension of opposites within a relational field, the psyche inevitably seeks its own coherence.

"Healing is an inside-out movement toward the universe's deeper order."



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