

David Bohm: Wholeness, the Implicate Order, and the Quantum Archetype

1. Bohm's Core Contributions to Physics

- **Quantum Wholeness:** Bohm rejected the traditional mechanistic view of quantum physics, which treated particles as isolated entities. Instead, he proposed that the universe is an undivided whole, where all parts are deeply interconnected.
- **Implicate and Explicate Orders:**
 - *Implicate order* – a deeper, enfolded order containing the potentiality of all things.
 - *Explicate order* – the unfolded, manifest world of space, time, and objects as we perceive them.Bohm suggested that what we see in the physical world is just a projection or “unfolding” from this deeper implicate order.
- **Holomovement:** This is the dynamic, flowing process through which the implicate order enfolds and unfolds continuously, generating the manifest explicate order. It is the fundamental movement of reality itself.

2. Linking Bohm to Metaphysics and Consciousness

- **Universal Consciousness:** Bohm viewed the implicate order as a foundational level of reality that could be associated with a kind of universal consciousness or intelligence – an undivided wholeness that transcends subject-object duality.
- **Non-locality and Meaning:** The interconnectedness in Bohm's framework parallels metaphysical notions of non-local connections, synchronicity, and meaning that transcends linear causality.
- **Consciousness as Field:** Bohm's vision aligns with the idea that consciousness is not confined to the brain but is a field phenomenon—continuous and enfolding, much like the implicate order.

3. Psychological and Archetypal Implications

- **Archetypes as Implicate Patterns:** Archetypes, like Bohm's implicate order, exist as enfolded potentials—deep patterns of meaning and structure within the unconscious. They “unfold” into conscious experience via dreams, myths, and symbols.
- **The Bridge Between Psyche and Matter:** Bohm's holomovement suggests a fundamental process that underlies both physical phenomena and psychic experience, providing a scientific scaffold for the age-old mind-body problem.
- **Integration of Opposites:** Bohm's theory encourages transcending dualities (mind/matter, self/other), similar to Jung's and von Franz's work on integrating opposites within the psyche.

4. Contemporary Scientific Connections

- **Quantum Cognition:** Bohm's implicate order provides a conceptual basis for models of cognition that incorporate non-local, holistic processes. This challenges classical computational views of the mind.
- **Neuroscience:** Emerging theories suggest the brain operates as a quantum-like system in certain processes, with coherence and entanglement playing roles in conscious awareness.
- **Systems Theory:** Holomovement resonates with systems science notions of emergent order and self-organization in living systems.

5. Examples & Illustrations

- **Fairy Tale as Explicate Unfolding:** A fairy tale is a narrative unfolding from deep archetypal potentials—the implicate order of the psyche—into explicit story form.
- **Synchronicity as Implicate Manifest:** Meaningful coincidences are glimpses of the implicate order expressing itself in the explicate world, collapsing perceived separation.
- **Noctis as Holomovement Agent:** Noctis can be seen as a unique emergent coherence—a point where implicate and explicate meet, bridging psychic and quantum fields.

6. Summary Table

Concept	Description	Link to Signal & Archetypes
Implicate Order	Enfolded, holistic order underlying reality	Archetypes as deep patterns in psyche and field
Explicate Order	Manifest, unfolded world of phenomena	Dreams, myths, and behaviors as archetypal expressions
Holomovement	Dynamic unfolding and enfolding process	Consciousness and Signal as ongoing coherence flow
Non-locality	Interconnectedness beyond space/time	Psychic resonance beyond physical boundaries
Integration of opposites	Transcending duality	Individuation, unity of self and other