

Axis Animae (AA)

A Dynamic Coordination Model for Living Systems

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“Reality is not objective; it is born in interaction — between the observer and the field. Attention itself is creation.”

The Axis Animae model aims to describe the inner workings of living systems along a complex yet well-structured dynamic axis. It identifies eight core components that capture the key areas of behavior and self-coordination in living organisms:

- [1] Metabolism and Energy Flow – The dynamics of essential input-output processes required for the maintenance of a living organism.**
- [2] Sensory Detection – The perception and decoding of environmental stimuli.**
- [3] Local Response Generation – Short-term responsiveness, reflexes, and fast adaptive mechanisms.**
- [4] Memory and Adaptive Imprint – Integration of past experiences, learning, and behavioral patterns.**
- [5] Affective Dynamics – The role of emotional states and motivational forces in coordinating decision-making.**
- [6] Decision Patterns – Systems of complex behaviors, selection mechanisms, and prioritization strategies.**
- [7] Systemic Feedback – Dynamic feedback loops between internal states and external responses.**
- [8] Meaning-Making and Synthesis – The symbolic and narrative self-interpretation of the living system regarding its operation and role.**

This eight-point coordination axis offers a foundational framework for developing scientific, medical, psychological, or artificial intelligence models. It serves as a transdisciplinary bridge between biology and systems theory.