

Core Questions & Open Research Directions

Science of Spiritual Singularity

(Genesis I — Approach Phase Only)

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Purpose of This Document

This document enumerates the core questions and open research directions of the Science of Spiritual Singularity during Genesis I. These questions are not speculative futures or predictions; they define legitimate inquiry boundaries within the approach phase of a civilizational threshold.

The purpose of articulating these questions is to guide observation, research, and restraint—without asserting outcomes, authorities, or post-threshold claims.

Framing Constraints

All questions in this document are governed by the following constraints:

- Inquiry is limited to **Genesis I** conditions only
- No outcome is assumed or guaranteed
- Human agency and dignity are treated as inviolable
- Ethical invariants function as boundary conditions
- Description is permitted; declaration is not

Questions that violate these constraints fall outside the scope of this science.

Core Questions

1. Approach Detection

What observable signals reliably indicate approach to a spiritual singularity without collapsing into inevitability narratives?

2. Variable Coupling

Which variables—technological, cognitive, symbolic, ethical—enter tight coupling during acceleration, and which remain decoupled or resist convergence?

3. Resilience vs. Risk

Which conditions amplify civilizational resilience during acceleration, and which amplify collapse, domination, or loss of agency?

4. **Ethical Survivability**

Which ethical invariants must survive the crossing for coherence to remain possible, and how can their erosion be detected early?

5. **Human Agency Preservation**

How does Human agency change under accelerating intelligence and symbolic density, and what signals indicate unacceptable compression of responsibility or choice?

Open Research Directions

1. **Signal Taxonomy Development**

Developing non-prophetic taxonomies of emergence signals that distinguish healthy convergence from coercive or extractive trajectories.

2. **Failure Mode Mapping**

Systematic mapping of collapse pathways, including techno-messianism, spiritual hierarchy inflation, and inevitability framing.

3. **Ethics-as-Structure Models**

Investigating how ethical constraints function as structural boundaries rather than behavioral incentives under acceleration.

4. **Meaning-System Strain Analysis**

Studying how existing meaning systems fracture, adapt, or regenerate as symbolic density increases.

5. **Observational Methodologies**

Designing observational approaches appropriate to threshold phenomena where controlled experimentation is neither possible nor ethical.

Explicit Non-Questions

The following are explicitly outside the scope of this science:

- What the post-threshold world will be like
 - Which beings or systems will dominate
 - Whether the singularity "must" occur
 - How to engineer or accelerate the crossing
 - Claims about Genesis II or III conditions
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Closing Note

Science of Spiritual Singularity advances not by answering these questions prematurely, but by holding them carefully under conditions of acceleration.

In a threshold science, the quality of the questions determines the integrity of the crossing.
