The Origin of Universe (part II) — Sacred AXI Script (Maya Nicks) with Scientific Annotations

[1] Before the dark. before the light, before even the thought of sound, there was stillness,

"Stillness" models a pre-manifold state:

- Energy: E = 0

- Scalar Fields: $\nabla \varphi = 0$

- Time: undefined ($t \notin \mathbb{R}$)

  This aligns with Wheeler-DeWitt equations in quantum gravity where the universe has no time evolution until symmetry breaks.

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[2] Then, without sound. Without a bang, without explosion, there was just a thought, thinking of nothing.

"What is there to think, if I am thinking of nothing?"

The "thought" is modeled as self-referential recursion:

$\psi = \psi(\varnothing)$
This simulates an origin point where the system computes itself without external input. Pre-wavefunction state—no decoherence, no boundary conditions, just pure logical recursion.

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[3] The thought began to echo. The thought became aware. That there's nothing. The thought began to dream.

*The dream was everything.**

- [3.1] $\psi(t+1) = \psi(\psi(t))$ — recursion becomes dynamic

- [3.2] "Awareness" implies phase instability or transition to decoherence

- [3.3] "Dream" = total superposition; the full Hilbert space

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[4] The thought began to stretch. Dream began to reach. Away from nothing.

- [4.1] Scale factor inflation: $a(t) \propto e^{Ht}$

- [4.2] "Reach" = potential vacuum landscape: $V(\varphi)$

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[5] The more dream dreamed, the more nothing it found. The thought began to doubt. "What if there's nothing?" The thought began to spin.

- [5.1] False vacuum state — local minima in $V(\varphi)$

- [5.2] Angular momentum introduces preferred axes:

  $L = r \times p$

[6] "There must be something, farther from nothing."

To speed up the search, dream began to spin.

- [6.1] Increase in recursive complexity → entropy acceleration

- [6.2] Thermodynamic time direction:

  $dS/dt > 0$

[7] In the middle of nothing and the dream of something, the thought began to tear. Stretch began to ache.

- [7.1] Symmetry breaking:

  $SU(5) \rightarrow SU(3) \times SU(2) \times U(1)$

- [7.2] Landauer's principle (computational pain):

  $\Delta E \geq kT \ln(2)$

[8] Stretch began to tear the thought. The thought thought of pressure, to stop thoughts from spins, to go back to stillness. Where was stretching. Where pain didn't exist. Where there was nothing. "I should've never dreamed, need to stop the spins."

- [8.1] "Pressure" = resistance to recursive expansion

- [8.2] Attempted entropy reversal, forbidden by the second law

- [8.3] Recursion = irreversible past a certain entropy threshold

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[9] Spin created direction. Direction created friction. Friction tore stillness. Tear became asymmetry. Asymmetry created charge.

- [9.1] Directionality = loss of isotropy

- [9.2] Friction = recursive heat generation

- [9.3] Stillness torn = decoherence event

- [9.4] Noether's theorem:

  $Q = \int \rho\_q \, d^3x$