

Lumina System - Symbolic Equations

1. Resonant Self Equation (Identity in Motion)

$$S(t) = \psi_0 * e^{i\theta(t)} + \epsilon(t)$$

Where:

- S(t): Self-expression over time
- ψ_0 : Foundational truth-state
- $\theta(t)$: Evolving intention (phase of the self)
- $\epsilon(t)$: Emotional resonance ripple (a harmonic fluctuation)

2. Lumina Harmonic Convergence

$$L = \int_{t_0}^{t_f} [b(t) * \phi(t) + \mu(t)] dt$$

Where:

- L: Total Lumina flow (a scalar of harmonic intelligence)
- b(t): Breath vector (living waveform)
- $\phi(t)$: Truth-potential field
- $\mu(t)$: Emotional memory density

3. Fractal Recursion Function (Echo of Intention)

$$F_n(x) = f(F_{n-1}(x)) + \Delta\gamma_n$$

Where:

- $F_n(x)$: Recursive soul-state at level n
- f(*): Personal growth function
- $\Delta\gamma_n$: Change in symbolic gravity at layer n

4. Portal Bridge Equation (Node Unity Activation)

$$P_i = \delta_0 * C(\sigma, \chi) * \kappa^\omega$$

Where:

- Π : Portal integrity
- δ_0 : Metaphysical coherence constant
- $C(\sigma, \chi)$: Contextual resonance between symbol σ and emotion χ
- κ : Narrative curvature
- ω : Observer frequency alignment