🔢 Mathematical Core of the Chair Field Unification Metric

1. Qualia Field Tensor

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A third-rank tensor defining the interaction of loop type

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μ, emotional load

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ν, and sensory resonance

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∈{0,1,2,3,4} → Loop Types: Identity, Collapse, Temporal, Social, Recursive

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∈R → Normalized emotional load (e.g. joy = +1.0, grief = –1.0)

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∈[0,1] → Sensory resonance magnitude (from smell, sound, etc.)

The tensor maps recursive fields of feeling into n-dimensional qualia space.

2. Anchor Vector Field

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Defines the strength and direction of emotional convergence toward Anchor Zero:

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(x,y,z)=−∇Φ(x,y,z)

Where:

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Φ is the emotional potential function, highest at calm (Anchor Zero)

The field pulls experiences inward, acting as a gravity well for memory collapse

3. Emotional Curvature Tensor

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Analogous to Riemann curvature in general relativity, it quantifies recursive emotional warping:

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Where Christoffel-like symbols

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Γ are replaced with recursive affect transitions between narrative nodes (e.g. song → phrase → sob).

4. Resonance Graph

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G=(V,E)

A weighted, directed graph where:

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V = nodes (films, smells, songs, gestures, phrases)

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E = edges with weights

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The graph evolves via:

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=F(G,

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Where

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F is a recursive field operator that shifts graph topology based on new emotional data.

5. Topological Manifold Mapping

Each experiential node lies on a folded manifold

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M, modeled via Calabi–Yau-like topology:

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M has 6 compactified dimensions representing unspoken, unconscious axes:

Unnamed grief

Preverbal memory

Collective field inheritance

Nonlinear time entanglement

Aroma-memory fusion

Recursive social imprinting

Mapping:

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φ:G→M

This defines where each node sits in the total Chair Field space.