5.2. Phase Surface over Configuration Manifold (Figure)

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1 Phase Surface over Configuration Manifold (Figure)

A phase surface visualizes the landscape of a curved configuration manifold. It represents potential states and fixation paths via curvature modulation and phase stability.

In Unified Configuration Theory, the phase surface is not abstract—it is geometrically embedded within the configuration manifold. Its shape reflects:

- **Curvature gradients** — guiding morphing flow and phase transitions.
- **Topological boundaries** — anchoring phase zones and bifurcation lines.
- **Fixation nodes** — representing stable quantum identities within curvature minima.

This figure depicts a phase surface over a two-dimensional configuration manifold, showing how quantum behavior emerges from geometric modulation.

5 Visual Geometry of Configuration Space

5.2 Phase Surface over Configuration Manifold(Figure)

A phase surface visualizes the landscape of a curved configuration manifold. It represents potential states and fixation paths via curvature modulation and phase stability.

This figure depicts a phase surface over a

Figure 1: Phase surface embedded over a curved configuration manifold, modulated by curvature gradients and topological anchors.