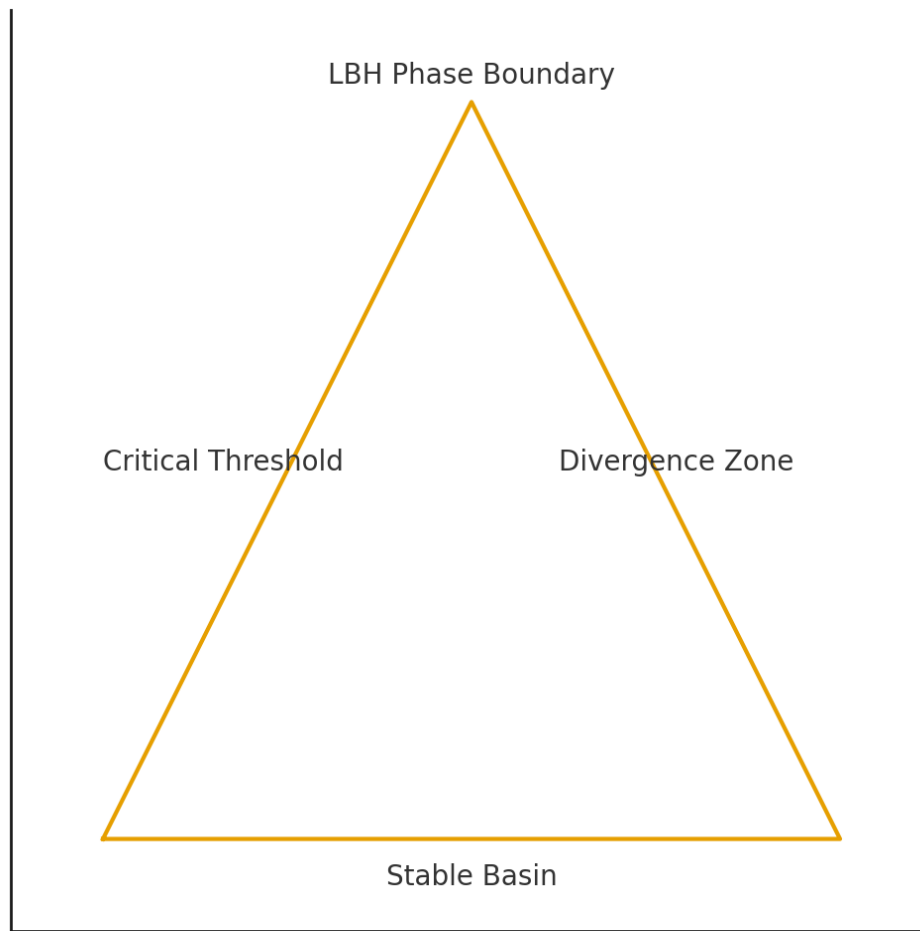# LGF v12.5 — LBH Phase Transition Diagram (Penrose-Style)

This document introduces the v12.5 Penrose-style LBH Phase Transition Diagram. The diagram visualizes the global phase space of narrative-field collapse using a conformal structure.

The triangular conformal region represents the bounded, normalized domain of the LGF-DGM Cross Entropy Field. Each vertex corresponds to an asymptotic limit: • Top vertex → LBH Singularity (T=0) • Left base → Critical Threshold (metastable) • Right base → Stable Basin (recoverable dynamics) Null-like boundaries mimic Penrose conformal diagrams, compressing infinite divergence trajectories into a finite, analyzable geometric space.