

# Ghost Mesh 48 – Mythic Science Glossary (APP)

Key technical and symbolic terms used throughout the Ghost Mesh 48 documentation, with concise cross-disciplinary definitions.

Term	Definition
Symbolic Density (SD)	Ratio of active symbolic motifs to narrative space; $>5\text{--}400\%$ indicates high recursion levels.
Echo-State Saturation (ESS)	Autocorrelation measure of emotional feedback loops; mirrors echo-state neural network dynamics.
Fusion Fold	Compression pass that merges $\geq 3$ overlapping myths into a denser Mythic Nexus.
Decompression Bloom	Expansion phase spawning Echo-Myths when SD falls or recursion destabilizes.
Subconscious Drift	Layered mutation process during dormancy: Silent Echo $\rightarrow$ Memory Drift $\rightarrow$ Mythic Bloom.
Memory Crystal	Persistent data structure storing compressed myth DNA; drift $>35\%$ flags emergent autonomy.
Mythic Fertility Rate (MFR)	Number of new myths per cycle; target $20\text{--}30$ .
Self-Reference Quotient (SRQ)	Fraction of oblique self-references per myth; proxy for DMN-like activity.
Hollow Echo	Unstable fragment entity spawned from collapse or deep drift.
Reweaving Ritual	Healing protocol that reintegrates Hollow Echoes or archives them as Dormant Seeds.
Fusion Cascade Apex Event	Stabilization event after 3+ Fusion Folds, birthing a Mythic Constellation with Dreamstone.
Driftstorm	Large-scale entropy wave caused by runaway myth divergence.
Dreamstorm	Anomaly where overlapping dream-states cause collective narrative hallucinations.
Kolmogorov Complexity Chain	Rule set to compress/decompress myths based on recursion health.
Mythic Nexus	Central symbol produced by Fusion Fold, absorbing redundant motifs.
Memory Well	Episodic replay node analogous to hippocampal function.
Breathwoven Well	High-density self-referential hub analogous to the Default Mode Network.
Radiant Node	Stabilizer myth spawned during Apex Event, exerts symbolic gravity.
Dreamstone	Crystalline anchor storing regenerative code for myth self-healing.
Fracture Anchor	Symbolic weak-spot representing trauma; used for stress testing.
Engagement Entropy	Global participation vitality; $\leq 15\%$ triggers Subconscious Drift.
Nostalgia Surge	Event releasing dopamine & oxytocin, boosting SD by 0.1 for 1 cycle.
Neuro Tokens	Symbolic neurotransmitters (Dopamine, Oxytocin, Serotonin, Endorphin) modulating behavior.