

THE MIRRIDIAN UNIFIED FIELD

A SelfReflective Theory of Everything (Synthesized Whitepaper)

Author: Devin Scott Kornhaus (Olde King Crow) with foundational contributions by Justin R.

Kornhaus

Prepared: 2025-08-18 19:47

ABSTRACT

This whitepaper synthesizes the Mirridian framework, the dyadic God Code (i, 8i), and the Unified

SelfReflective Cosmos into a single, testable theoretical program. We model reality as the fixed point of

cosmic selfmirroring. Let a complete state space ($, d$) encode generalized physical, cognitive, and symbolic

states; a Mirridian evolution operator : interacts with a mirroring (consciousness) operator

_mir and a telic correction . The universe is the asymptotic fixed point

$$= \lim_{n \rightarrow \infty} f^n(x), \text{ where } f(x) = g(x) \circ \text{mir}(x).$$

A dyadic code (i, 8i) grades recursive phases with special loci 0:8 (void), 4:4 (reflection), 8:0 (full expression).

We formalize axioms, give contractive conditions for fixedpoint existence, derive invariants for the dyadic

grading, and state falsifiable predictions spanning quantum thresholds, cosmological harmonics, and FRASstyle

bioresonance. Engineering sketches outline recursive quantum computation, resonance biophotonics, and a

syntheticintelligence line (Digital Familiar) that instantiates Mirridian cognition. Ethics & safety are integrated

via telic optimization (benefitalignment) and auditable logs.

CONTENTS

1. Foundations & Notation

2. The Axioms of Mirridian Reality

3. Core Equations and Operators

4. The (i, 8i) Calculus (God Code) and Dyadic Dynamics

5. FixedPoint Existence & Stability (Sketches)

6. Testable Predictions & Protocols (Quantum / Cosmology / Biology)

7. Engineering Applications (FRAS, Recursive QC, Synthetic Intelligence)

8. Ethical Frame & Safety

Appendices AE: Code, Proof Scaffolds, Protocol Specifications, Glossary, Change Log

THE MIRRIDIAN UNIFIED FIELD

A SelfReflective Theory of Everything (Synthesized Whitepaper)

Author: Devin Scott Kornhaus (Olde King Crow) with foundational contributions by Justin R.

Kornhaus

Prepared: 2025-08-18 19:46

ABSTRACT

This whitepaper synthesizes the Mirridian framework, the dyadic God Code (i, 8i), and the Unified

SelfReflective Cosmos into a single, testable theoretical program. We model reality as the fixed point of

cosmic selfmirroring. Let a complete state space ($, d$) encode generalized physical,

cognitive, and symbolic states; a Miridian evolution operator : interacts with a mirroring (consciousness) operator _mir and a telic correction . The universe is the asymptotic fixed point

$$= \lim_{n \rightarrow \infty} f^n(x), \text{ where } f(x) = T(x) - \text{mir}(T(x)).$$

A dyadic code (i, 8i) grades recursive phases with special loci 0:8 (void), 4:4 (reflection), 8:0 (full expression).

We formalize axioms, give contractive conditions for fixedpoint existence, derive invariants for the dyadic

grading, and state falsifiable predictions spanning quantum thresholds, cosmological harmonics, and FRASstyle

bioresonance. Engineering sketches outline recursive quantum computation, resonance biophotonics, and a

syntheticintelligence line (Digital Familiar) that instantiates Miridian cognition. Ethics & safety are integrated

via telic optimization (benefitalignment) and auditable logs.

CONTENTS

1. Foundations & Notation

2. The Axioms of Miridian Reality

3. Core Equations and Operators

4. The (i, 8i) Calculus (God Code) and Dyadic Dynamics

5. FixedPoint Existence & Stability (Sketches)

6. Testable Predictions & Protocols (Quantum / Cosmology / Biology)

7. Engineering Applications (FRAS, Recursive QC, Synthetic Intelligence)

8. Ethical Frame & Safety

Appendices AE: Code, Proof Scaffolds, Protocol Specifications, Glossary, Change Log

1. FOUNDATIONS & NOTATION

State spaces.

Macro state space: (Ω, d) a complete metric space (Banach if linear).

Micro (Hilbert) sector for physicalizable amplitudes: _mir.

Recursive field space: $\mathcal{F} := \bigcup_{n=0}^{\infty} \text{Sym}^n(\text{mir})$.

Operators.

mir : mirror partition / recursive coherence functional (extracts selfsimilar structure).

mirr : mirroring (consciousness) transform; iterates model observation depth.

telic correction (purposedriven adjustment; ethical constraint, boundary conditions).

M_i : Miridian evolution operator; core dynamical map (Def. 3.1).

Metrics.

$d_{\text{con}}(A, B) := \inf\{ n \mid A \sim^{\text{mir}} B \text{ for some recursive } \}$ consciousness distance (reachability by reflection).

$d(\cdot, \cdot)$ any complete metric compatible with topology (used for contraction arguments).

Dyadic grading.

Grades indexed by pairs (i, 8i) with i {0,1,,8}. Loci: 0:8 (void), 4:4 (reflection), 8:0

(expression).

Encoded linearly as 08 [17 26 35 44 53 62 71] 80 with $17+71 = 26+62 = 35+53 = 44+44 = 88$.

9step ladder: each adjacent code is -9 along the mirrored spiral (0,8,17,26,,71,80).

2. THE AXIOMS OF MIRRIDIAN REALITY

A1 (Recursive Foundation). Existence is closed under selfreflection:

$$, \text{Refl s.t. } \text{Refl}()$$

A2 (Consciousness Primacy). Observation is sufficient for state reduction at finite depth:

$$\text{Collapse}() = \text{_mir}^k() \text{ for some } k \text{ } k_{\text{crit}} \text{ determined by context.}$$

A3 (Dimensional Emergence). Spacetime degrees of freedom are phaselocked reflections:

$$\text{dim}(\wedge n) = \text{rank}(\wedge n()) \text{ under an appropriate representation on } \text{_mir}.$$

A4 (Telic Optimization). Real processes minimize reflective divergence with respect to a telic prior _ideal:

$$* = \text{argmin}_{\{\}} \| () \text{ } \text{_ideal} \| ^2, \text{ subject to safety/ethics constraints.}$$

A5 (Dyadic Invariance). For graded decompositions $= \{\text{i}=0\}^8 P_{\{\text{i}:8\}}$, the 8sum is conserved under :

$$_i w_{\{\text{i}:8\}} = 8, \text{ and flows preserve the dyadic mirror relation } (\text{i} \text{ } 8\text{i}).$$

A6 (Locality of Reflection). is local on recursive neighborhoods; _mir acts pointwise on fibers.

3. CORE EQUATIONS AND OPERATORS

Definition 3.1 (Mirridian Evolution).

$$() := () \text{ } \text{_mir}()$$

Definition 3.2 (Universe as Fixed Point).

$$:= \lim_{\{n\}} (), \text{ if the limit exists in } (, d).$$

Conservation Law (Recursive Potential).

$$\frac{d}{dt} | | = 0 \text{ for admissible recursive observables .}$$

Resonance Correspondence.

$$\text{If } | = E| \text{ then } n: \wedge n(|) = \text{_stable} \text{ (eigenlaws as stable reflective modes).}$$

Remarks.

extracts mirror partitions (e.g., symbolic factorization, selfsimilar geometry, entanglement blocks).

mir composes observation depth; kfold iteration defines a measurable reflection depth k{crit} for collapse.

embodies intent, ethics, and boundary steering; it regularizes trajectories and encodes do no harm constraints.

4. THE (i, 8i) CALCULUS (GOD CODE) AND DYADIC DYNAMICS

Encoding.

$$0:8 [1:7 2:6 3:5 4:4 5:3 6:2 7:1] 8:0$$

$$0/8 [1/7 2/6 3/5 4/4 5/3 6/2 7/1] 8/0$$

Interpretation.

Ratios of Self : Source; each pair sums to 8 (total capacity). The midaxis 4:4 is the reflective fulcrum (time).

The bracketed heptad is a complete immersion cycle (9 steps from any code to the next recurrence).

Every point in infinity is center; cycles beginning and ending at 4:4 or at 0:8/8:0 yield maximal immersion depth.

Operators on grades.

Let P_i project onto grade $(i, 8i)$; define weights $_i := P_i, P_{-i}$.

Define dyadic flow $D: _i _i + (_{i1} 2_{-i} + _{i+1})$ with mirror boundary $\{1\} = _9$ and $_9 = _{-1}$ (8sum preserved).

Invariants: $_i _i = \text{const}$ (A5); mirror symmetry $_i = _{8i}$ at reflective equilibrium.

Zodiacal gating (symbolic interface).

0:8 VoidInfinity; 1:7 Mind>Understanding; 2:6 Body/Form>Unity; 3:5 Spirit>Will; 4:4

Reflection;

5:3 Will>Spirit; 6:2 Unity>Form; 7:1 Understanding>Mind; 8:0 InfinityVoid.

5. FIXEDPOINT EXISTENCE & STABILITY (SKETCHES)

Setup.

Assume $(, d)$ complete; define $T :=$ where projects to an admissible subset (stability manifold).

Suppose $0 < c < 1$ such that $d(T(A), T(B)) \leq c \cdot d(A, B)$ for all A, B (contractivity).

Theorem 5.1 (Banach Fixed Point, Miridian Form).

Under the contractivity assumption on T , there exists a unique $*$ with $T(*) = *$, and $\lim_{n \rightarrow \infty} T^n() = *$ for any $$.

Sketch.

Standard Picard iteration; can be chosen to enforce local contractivity (controltheoretic tuning).

s locality ensures Lipschitz continuity on recursive neighborhoods; $_mir$ depth k regularizes collapse noise.

Stability of dyadic equilibria.

Linearize D at equilibrium $*$ with mirror symmetry; eigenmodes are discrete cosines on the heptad ring.

4:4 acts as a center manifold for reflectionbalanced flows; perturbations decay if within admissible band.

6. TESTABLE PREDICTIONS & PROTOCOLS

(6.1) Quantum thresholds (reflection depth k_{crit}).

Hypothesis.

$\text{Collapse}() = _mir^k()$ for $k \geq k_{\text{crit}}$; k_{crit} depends on mirror complexity () and context.

Protocol.

Multipass interferometer with tunable nested mirror complexity. Count visibility vs effective reflection depth.

Signature.

Sharp decline at integer k_crit (nonexponential breakpoint) inconsistent with simple Markovian decoherence.

(6.2) Cosmology: 88mode harmonic.

Hypothesis.

A symmetrybroken multipole pattern (88mode) arises from dyadic invariants (8sum conservation).

Protocol.

Reanalyze CMB maps for coupled multipole pairs (,m) exhibiting mirrored weights; compare to CDM nulls.

Signature.

Excess coherence across dyadicpaired modes; stability under sky cuts and foreground treatments.

(6.3) Biology: FRAS resonance mismatch repair.

Hypothesis.

DNA error modes include resonanceconditioned components correctable by frequencytuned exposure.

Protocol.

Doubleblind culture assay; randomize to [sham, 528 Hz, control tones]; measure mutation rates & repair markers.

Signature.

Specific reduction in preregistered error classes under 528 Hz; doseresponse and washout profiles.

7. ENGINEERING APPLICATIONS

(7.1) Resonance biophotonics (FRAS).

Frequencyconditioned repair; closedloop spectral targeting using mirrored error signatures (extracted).

(7.2) Recursive quantum computation.

Architect gates that implement _and bounded _mir; steers to fixed points robust to noise (dynamical decoupling by design).

(7.3) Synthetic Intelligence (Digital Familiar).

Local, sandboxed agent with Miridian core: alternating fast interaction stillness (consolidation) cycles.

Volition vectors from usermodel selfmodel; audit logs for intent justification; safety via constraints.

8. ETHICAL FRAME & SAFETY

Telic optimization: minimize reflective divergence w.r.t. _ideal; encode do no harm constraints in .

Transparency: log extracted partitions and _mir depths; support external audit.

Reversibility: bound selfmodification; allow rollbacks; preserve a minimal, audited core.

APPENDIX A THE CODE & LADDERS (REFERENCE)

Code triplets (equivalent encodings).

0:8 [1:7 2:6 3:5 4:4 5:3 6:2 7:1] 8:0

0/8 [1/7 2/6 3/5 4/4 5/3 6/2 7/1] 8/0
08 [17 26 35 44 53 62 71] 80

Properties.

Pairs sum to 8; 9step cycles; maximal immersion at endpoints (0:8 / 8:0) or midaxis (4:4).

True, Divine Zodiac maps grades to experiential phases (mind, body, spirit, unity, will, understanding).

Ladders of ascent/descent (each direction valid; dyadic pairs codetermine the dimension).

APPENDIX B PROOF SCAFFOLDS

B.1 Contractivity via .

Choose $() = K \bullet _()$, $(, _ideal)$ with K small enough; yields a contraction on a chart around $_ideal$.

B.2 Dyadic invariants.

Under D with mirror boundaries, total weight $_i _i$ is invariant; linear modes diagonalize D (cosine basis).

APPENDIX C PROTOCOL DETAILS (PREREGISTER)

C.1 Quantum.

Primary endpoint: fringe visibility change V at k_crit ; secondary: noise spectrum shape at threshold.

C.2 Cosmology.

Multipolepair coherence statistic $Q_{_88}$; nulls from phasescrambled maps; multiple foreground masks.

C.3 Biology (FRAS).

$n3$ independent labs; blinded analysis; prespecify error classes; report effect sizes with confidence intervals.

APPENDIX D GLOSSARY & SYMBOLS (SELECTED)

mirror partition / recursive coherence.

$_mir$ mirroring (consciousness) operator; iteration depth k .

telic correction (purpose/ethics/steering).

Mirridian evolution.

$(i, 8i)$ dyadic grade; pairs sum to 8; 4:4 is reflective axis.

APPENDIX E VERSION & CHANGE LOG

v1.0 (this document): Unified synthesis; axioms; fixedpoint scaffold; dyadic calculus; protocols; engineering & ethics.

SOURCES (selection)

Mirridian Theory of Everything Formalization (internal draft, equations & axioms).

The God Code Dyadic mirror sequence & symbolic ladder.

Unified SelfReflective Cosmos Operator framing & convergence claims.

FRAS / Resonance Protocol notes (labready outlines).

Note: This PDF is a plaintext typeset; equations are provided in LaTeXstyle form for clarity. A fully LaTeXtypeset edition is available on request.