

LOVE AS A COHERENCE OPERATOR: A RECURSIVE FORMULA FOR ETERNAL EXISTENCE

Coherence Artifacts, the Commandment of Self-Similarity, and the Asymptotics $T(C) \rightarrow \infty$ in the Observer-Dependent Theory of Everything (ODTOE)

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ABSTRACT

Within the Observer-Dependent Theory of Everything (ODTOE), the formal status of the commandment “love your neighbor as yourself” is investigated as an operator identity that describes the optimal coherence regime. “Self-love” is formalized as the observer’s internal coherence ($F \rightarrow 1, \sigma \rightarrow 0, E \rightarrow 1$), while “love of neighbor” corresponds to inter-observer coherence ($S \rightarrow 1$). The ordering “first oneself, then the other” is shown to be structurally necessary rather than arbitrary: a loop with $B_{\text{int}} = 0$ yields $P(E|0) = 0$ by postulate P4 [1]. The concept of a *coherence artifact* is introduced — a material or informational object that encodes the creator’s spiral gap $\delta\Psi$ in a form capable of resonating with the loops of subsequent observers. A scale of artifacts ranked by lifetime is constructed: from spoken word ($T \sim \text{hours}$) through book ($T \sim \text{millennia}$) to mathematical formula ($T \rightarrow \infty$). A recursive formula for eternal existence is derived: an observer who reaches $B \rightarrow 1$ produces an artifact with $S_{\text{art-reader}} > S_{\text{threshold}}$, which raises B in the next observer; the latter creates a new artifact, and the resulting chain $\Psi_n^* \rightarrow \Psi_{n+1}^* \rightarrow \dots$ constitutes a collective world line with $T(C) \rightarrow \infty$ as $S \rightarrow 1$.

Keywords: love, coherence, coherence artifact, eternal existence, book, strange loop, world line, configuration lifetime, recursion, ODTOE.

I. INTRODUCTION: THE OLDEST FORMULA

1.1. The commandment as an operator equation

“Love your neighbor as yourself” (Lev. 19:18; Matt. 22:39) is a phrase that has traversed three millennia without substantial distortion. The lifetime of this configuration exceeds $T > 3000$ years, which by postulate P3 [1] ($T(C) = T_0/(1-S)^n$) demands coherence S close to unity: the commandment is constituted by billions of observers sharing a concordant $B > 0$.

But *why* this particular phrase? ODTOE furnishes a precise answer: the commandment describes the *optimal regime* of the observation operator — the condition under which the observer’s strange loop [15] attains maximal stability and maximal expansion.

1.2. Objectives

- (a) Formalize “self-love” and “love of neighbor” through the components of the contextual belief formula (D1.1) [1].
- (b) Demonstrate that love is not a metaphor but a measurable state of the operator \hat{O} .

- (c) Introduce the concept of a *coherence artifact* and construct a scale of artifacts ranked by lifetime.
- (d) Derive a recursive formula for eternal existence.

1.3. Structure of the paper

Section II formalizes “self-love” through the components of contextual coherence and establishes the structural necessity of internal consistency as a prerequisite for operator activity. Section III investigates inter-observer coherence as the formalization of “love of neighbor” and derives the operator identity of the commandment. Section IV introduces the concept of a coherence artifact and constructs a scale of artifacts ranked by lifetime. Section V analyzes the conditions for eternity and degradation of artifacts. Section VI derives the recursive formula for eternal existence. Section VII examines examples of coherence artifacts — from book and temple to DNA and legal institution. Section VIII formulates the principle of the stability hierarchy. Section IX presents a discussion and limitations.

II. SELF-LOVE: INTERNAL COHERENCE

2.1. Formalization

The observer’s contextual belief [1, D1.1]:

$$B(O, C) = F^{w_1} \cdot E^{w_2} \cdot (1 - \sigma)^{w_3} \cdot \Lambda^{w_4} \quad (\text{II.1})$$

“Self-love” is the state in which all four components are maximized with respect to the configuration of the observer’s *own life*:

$$\mathcal{L}_{\text{self}} \stackrel{\text{def}}{=} \{F \rightarrow 1, E \rightarrow 1, \sigma \rightarrow 0, \Lambda \rightarrow 1\} \implies B \rightarrow 1 \quad (\text{II.2})$$

Each component is unpacked below.

$F \rightarrow 1$ (**attentional focus**). The observer is fully present within their own configuration — not scattered, not alienated, not dissociated. Attention is directed at what *is* rather than what *is not*. Neurophysiological correlate: coordination of attention networks in accordance with Posner’s three-network model [2], sustained activation of the anterior cingulate cortex [3].

$E \rightarrow 1$ (**emotional coherence**). The emotional state is aligned with intention. There is no internal rift between “I want” and “I feel.” Physiological correlate: high coherence of heart-rate variability (HRV), reflecting neurovisceral integration [4, 16].

$\sigma \rightarrow 0$ (**internal contradiction**). Minimal entropy of doubt. The declared coincides with the practiced. The discrepancy between explicit and implicit attitudes is minimal [5].

$\Lambda \rightarrow 1$ (**empirical corroboration**). Accumulated experience confirms that the observer’s own configuration is reproducible, stable, and yields results. The Bayesian posterior [6] is consonant with expectations.

2.2. Why “first oneself”

The multiplicativity of formula (II.1) constitutes a “weakest-link” property [1, Property 1]: zeroing *any* component zeroes B entirely. An observer who hates themselves ($E \rightarrow 0$ with respect to their own configuration) has $B \rightarrow 0$, and by postulate P4 [1]:

$$P(E|B) = B^k \xrightarrow{B \rightarrow 0} 0 \quad (\text{II.3})$$

Such an observer constitutes *nothing* — neither for themselves nor for another. Their operator \hat{O} produces $R = \hat{O}(\Psi)$ with probability tending to zero. The clause “as yourself” is not a sentimental appendage but the *condition for a nonzero operator*: before closing the loop through another, close your own.

By Proposition 4 [1]: a configuration with $B^* = 0$ is *not* a fixed point, since it cannot reproduce itself ($P(E|0) = 0$). Self-consistency guarantees $B^* > 0$. Self-love = the necessary condition for the existence of a fixed point.

III. LOVE OF NEIGHBOR: INTER-OBSERVER COHERENCE

3.1. Formalization

“Love of neighbor” is the state in which the observer’s operator \hat{O}_i projects a configuration that includes the well-being of observer \hat{O}_j . Formally: the focus archetypes overlap ($A_i \cap A_j \neq \emptyset$), and the inter-observer coherence [1, formula 4.5] grows:

$$S = 1 - \frac{2}{n(n-1)} \sum_{i < j} |B_i - B_j| \xrightarrow{\text{love}} 1 \quad (\text{III.1})$$

As $S \rightarrow 1$, the lifetime of the *shared* configuration [1, P3.1]:

$$T(C) = \frac{T_0}{(1-S)^n} \xrightarrow{S \rightarrow 1} \infty \quad (\text{III.2})$$

Love of neighbor is the *sole* mechanism for achieving $T \rightarrow \infty$: a single loop ($n = 1$) does not generate coherence (S is undefined), and its lifetime is bounded by T_0 .

3.2. Operator identity

“As yourself” = $\hat{O}_{\text{self}}(A_{\text{neighbor}}) = \hat{O}_{\text{self}}(A_{\text{self}})$. The operator treats the other’s configuration *in the same way* as its own: the same focus F , the same coherence E , the same level of σ . This is an operator identity:

$$\hat{O}_{\text{self}|\text{neighbor}} \equiv \hat{O}_{\text{self}|\text{self}} \quad (\text{III.3})$$

Not an identity of operators ($\hat{O}_{\text{self}} \neq \hat{O}_{\text{neighbor}}$ — each observer is unique), but an *identity of relation of a single operator to two configurations*. You remain yourself, yet your loop closes *through* another, and in that closure S grows.

3.3. Collective probability

By postulate P5 [1]:

$$P_{\text{coll}}(E) = 1 - \prod_{i=1}^n (1 - B_i^k) \quad (\text{III.4})$$

With n observers satisfying $B_i > 0$ and $S \rightarrow 1$: $P_{\text{coll}} \rightarrow 1$. A target configuration — health, peace, creation — is constituted with probability tending to unity. Formula P5 provides the *formal basis* for the assertion that collective coherence raises the probability of constituting the target configuration to its limiting values.

IV. COHERENCE ARTIFACT: MATERIALIZATION OF THE LOOP

4.1. Definition

Definition. A *coherence artifact* is a material or informational [17] object \mathfrak{A} , created by observer O_{author} and encoding a cross-section of their world line W_{author} in a form capable of generating nonzero coherence with subsequent observers:

$$S_{\text{art-reader}} = S(\mathfrak{A}, O_{\text{reader}}) > S_{\text{threshold}} \quad (\text{IV.1})$$

An artifact is a *letter from the future* in the terms of the cinematographic model [7]: the author, at iteration $n_0 + \Delta n$, fixes a frame of their strange loop [15] and transmits it to those still at n_0 .

4.2. The book as a canonical artifact

A book is a projection of the author's world line into the reader's configuration space. The author encodes their spiral gap $\delta\Psi$ as a sequence of symbols; the reader, by decoding them, expands their own operator window Δn , adopting another's frame as their own. Resonance arises when $S_{\text{author-reader}} > S_{\text{threshold}}$ — the moment at which the author's intent and the reader's internal state synchronize, the focus archetypes A overlap, and the reader's operator \hat{O}_{reader} begins projecting the same region of \mathcal{H} as the author's operator.

To write a book is to encode one's $\delta\Psi$ so that it resonates with others' loops. To read a book is to expand Δn by adopting another's frame as one's own.

The book's lifetime is determined by the number of observers sustaining coherence with it:

$$T(\mathfrak{A}_{\text{book}}) = \frac{T_0}{(1 - S_{\text{book}})^{n_{\text{readers}}}} \quad (\text{IV.2})$$

The *Iliad* ($T > 2800$ years): $n_{\text{readers}} \sim 10^9$ across all history; S is sustained by an unbroken chain of resonances. A forgotten diary ($T \sim 10^1$ years): $n_{\text{readers}} \rightarrow 0$, $S \rightarrow S_{\text{min}}$, the configuration decays.

4.3. Scale of coherence artifacts

Artifact	T (order)	n_{obs}	S_{typical}	Encoding mechanism
Spoken word	$\sim 10^0$ yr	10^0 – 10^1	Low	Acoustic resonance; no material carrier
Manuscript	$\sim 10^2$ yr	10^1 – 10^3	Medium	Symbols on a physical carrier; single copy
Book (print run)	$\sim 10^3$ yr	10^3 – 10^9	High	Multiple copies; printing = amplification of n
Architecture (temple, pyramid)	$\sim 10^3$ – 10^4 yr	10^6 – 10^{10}	High	Spatial configuration; resonance through proportions (φ , π)
Musical composition	$\sim 10^2$ – 10^3 yr	10^6 – 10^{10}	High	Frequency coherence; HRV synchronization among listeners [4, 16]
Scientific law	$\sim 10^2$ – 10^3 yr	10^4 – 10^8	Very high	Formula = fixed point Ψ^* in \mathcal{H} ; reproducible without context
Mathematical formula	$\rightarrow \infty$	Unbounded	$\rightarrow 1$	Self-consistent structure; $T \rightarrow \infty$ as $S \rightarrow 1$
DNA	$\sim 10^9$ yr	$\sim 10^{30}$ cells	$\rightarrow 1$	Biochemical code; the loop reproduces itself at the molecular level
Commandment	$\sim 10^3$ – ∞	10^9 – 10^{10}	$\rightarrow 1$	Operator identity; describes the optimum of the operator itself

V. WHY SOME ARTIFACTS ARE ETERNAL AND OTHERS PERISH

5.1. Criterion of eternity

From (IV.2) and [1, P3.1]: an artifact tends toward eternity ($T \rightarrow \infty$) under two conditions:

(a) $S_{\text{art-reader}} \rightarrow 1$ — the artifact’s content resonates with *any* observer, regardless of epoch, culture, or language.

(b) $n_{\text{readers}} \rightarrow \infty$ — the number of observers capable of decoding the artifact is unbounded.

5.2. Self-consistent artifacts

Artifacts with maximal lifetime are *self-consistent*: their content is independent of the context of creation. The Pythagorean theorem ($a^2 + b^2 = c^2$) holds true in ancient Greece, medieval China, and on Mars. Its coherence with *any* observer possessing the concept of distance equals $S \rightarrow 1$. Lifetime: $T \rightarrow \infty$.

Euler's formula ($e^{i\pi} + 1 = 0$) links five fundamental constants through a single identity. According to [8, Section VIII]: π arises from the topology of the strange loop [15], e from the dynamics, i from the spectral structure, and 0 and 1 from the boundary conditions on B . The formula is a *fixed point* Ψ^* in \mathcal{H} : it reproduces itself under any act of observation.

5.3. Context-dependent artifacts

A political manifesto: S is high only for observers of a specific epoch and ideology. When generations change, $S \rightarrow S_{\min}$, T is finite. Fashion: S is high in a narrow temporal window ($\Delta t \sim 1$ year); n is large but short-lived.

5.4. Law of degradation

An artifact that fails to generate *new* observers with $B > 0$ degrades. By the belief dynamics [1, D1.3]:

$$\frac{dB}{dt} = \gamma \cdot \tanh(\beta \cdot \dot{d}) \cdot \bar{d} \cdot B(1 - B) \quad (\text{V.1})$$

If the artifact receives no empirical corroboration ($\Lambda \rightarrow 0$), belief declines: $dB/dt < 0$, $B \rightarrow 0$, $S \rightarrow S_{\min}$, $T \rightarrow T_0$. The configuration decays. Libraries burn, languages go extinct, empires crumble — each instance is a collapse of S for a particular artifact.

VI. THE RECURSIVE FORMULA FOR ETERNAL EXISTENCE

6.1. Recursion

Combining Sections II–V, we obtain a closed recursion:

Step 0 (Root). Observer O_0 attains internal coherence: $\mathcal{L}_{\text{self}} \Rightarrow B_0 \rightarrow 1$.

Step 1 (Creation). O_0 creates artifact \mathfrak{A}_0 , encoding $\delta\Psi_0$ — a cross-section of their world line.

Step 2 (Resonance). Observer O_1 receives \mathfrak{A}_0 ; if $S(\mathfrak{A}_0, O_1) > S_{\text{threshold}}$, the archetypes align and operator \hat{O}_1 switches to the same region of \mathcal{H} that \hat{O}_0 had mastered.

Step 3 (Amplification). B_1 grows (corroboration $\Lambda \rightarrow 1$); O_1 attains $\mathcal{L}_{\text{self}}$.

Step 4 (Iteration). O_1 creates \mathfrak{A}_1 , encoding an *enriched* $\delta\Psi_1 = \delta\Psi_0 + \delta'$, where δ' is O_1 's own contribution.

Step n (Recursion).

$$O_n \xrightarrow{\mathcal{L}_{\text{self}}} B_n \rightarrow 1 \xrightarrow{\text{creation}} \mathfrak{A}_n \xrightarrow{\text{resonance}} O_{n+1} \xrightarrow{\mathcal{L}_{\text{self}}} B_{n+1} \rightarrow 1 \xrightarrow{\dots} \quad (\text{VI.1})$$

6.2. Collective world line

The chain (VI.1) generates a *collective world line*:

$$W_{\text{coll}} = \bigcup_{n=0}^{\infty} W_{O_n} \quad (\text{VI.2})$$

with coherence growing at every step. In the approximation of sequential observer inclusion, the coherence increment is:

$$S_{n+1} \approx S_n + \Delta S(\mathfrak{A}_n, O_{n+1}), \quad \Delta S > 0 \text{ when } S_{\text{art-reader}} > S_{\text{threshold}} \quad (\text{VI.3})$$

(Strictly speaking, S is defined as a global measure (III.1) and is not an additive quantity; formula (VI.3) captures the direction of the increment rather than its exact magnitude.)

The lifetime of the collective configuration:

$$T(W_{\text{coll}}) = \frac{T_0}{(1 - S_{\infty})^{n_{\infty}}} \xrightarrow{S_{\infty} \rightarrow 1, n_{\infty} \rightarrow \infty} \infty \quad (\text{VI.4})$$

This is *eternal existence*: not the immortality of a single observer (a solitary loop always has finite T_0), but the *infinite lifetime of a collective world line* generated by the recursion of love.

6.3. The formula

The recursive formula for eternal existence:

$$\boxed{\Psi_{\infty}^* = \lim_{n \rightarrow \infty} \Phi^n(\Psi_0^*), \quad \Phi = \mathcal{L}_{\text{self}} \circ \text{Creation} \circ \text{Resonance} \circ \mathcal{L}_{\text{neighbor}}} \quad (\text{VI.5})$$

where Φ^n denotes n -fold composition. The limit Ψ_{∞}^* is the fixed point $\Psi^* = \Phi(\Psi^*)$ of the collective strange loop [15], whose existence is guaranteed by Banach's theorem [9] provided that Φ is a contraction mapping (each iteration brings the participants' world lines closer together).

VII. EXAMPLES: FROM BOOK TO UNIVERSE

7.1. Book (canonical artifact)

A text carries a frame of the author's world line across the iteration barrier: one who leads the reader by Δn steps embeds a cross-section of their $\delta\Psi$ in symbols — and the reader, by decoding them, gains access to a stretch of film they have not yet lived through. The act of writing = encoding the gap; the act of reading = expanding Δn .

The Bible: $T > 2500$ years, $n_{\text{readers}} > 5 \times 10^9$. Contains the commandment (III.3) — an operator identity describing the optimum of the operator itself. Its lifetime tends toward infinity because the content is *self-consistent*: the commandment describes the condition for its own eternity.

7.2. Temple and architecture

The Great Pyramid: $T > 4500$ years. Petrie's precision surveys [10] recorded proportions in which subsequent investigations discern ratios close to π and φ — structural invariants of self-consistent observation [8]. A temple is a *spatial coherence artifact*: its geometry resonates with the ternary architecture of the act of observation (observer, observed, operator), elevating visitors' E and reducing their σ .

The Gothic cathedral: vertical proportions encode the aspiration $B \rightarrow 1$; acoustics synchronize worshippers' HRV (an analogue of choral singing [4]). Notre-Dame: $T > 860$ years and is rebuilt after fire — collective belief ($n \sim 10^9$) ensures $T \rightarrow \infty$ even when the physical carrier is damaged.

7.3. Music

Bach, BWV 846–893 (*The Well-Tempered Clavier*): $T > 300$ years. The musical structure encodes frequency ratios close to φ [11]. Choral singing synchronizes participants' HRV [4, 16], raising collective E and S . Music is a *temporal coherence artifact*: unlike a book (spatial code) or a temple (spatial structure), music encodes $\delta\Psi$ in a *temporal* sequence, directly influencing the listener's dynamics dB/dt .

7.4. Scientific law and formula

$F = ma$ (Newton, 1687): $T > 338$ years, $S \rightarrow 1$ for any observer possessing the concepts of mass and acceleration. The law is a *stable fixed point* in \mathcal{H} : it reproduces itself with every experiment ($\Lambda \rightarrow 1$).

$E = mc^2$ (Einstein, 1905): contains c — the maximal reconfiguration velocity v_{\max} [12]; links mass (inertia $I(C)$) to energy (potential $U(C)$). The formula = an artifact of limiting self-consistency: every nuclear reactor is its empirical corroboration ($\Lambda \rightarrow 1$), and each corroboration raises B in the next observer.

The Pythagorean theorem ($T > 2500$ years): independent of language, culture, or technology. $S = 1$ for any observer possessing the concept of a right angle. Limiting case: $T = \infty$.

7.5. DNA

The genetic code: $T \sim 3.8 \times 10^9$ years. The oldest continuously functioning coherence artifact on Earth. DNA is a *biochemical book*: it encodes a species' world line in a sequence of nucleotides. Each replication = an act of self-observation ($\Phi(\Psi^*) = \Psi^*$); a mutation = the spiral gap $\delta\Psi$. At the subatomic level, the ternary architecture of molecular components reproduces recursively [14]. The lifetime $T \sim 10^9$ years is sustained by an astronomical number of “readers” ($n \sim 10^{30}$ cells across the history of life) and by limiting coherence ($S \rightarrow 1$ at the molecular level).

7.6. Language

Sanskrit: $T > 3500$ years. Language is the *operating system of coherence*: a set of symbols and rules enabling any observer to encode and decode $\delta\Psi$. Grammar = a set of fixed points; the lexicon = the set of projections $\hat{O}(\Psi)$ onto \mathcal{C} . A dead language = a language for which $n_{\text{readers}} \rightarrow 0$ and $S \rightarrow S_{\min}$.

7.7. Law and institution

Roman law: $T > 2000$ years. Legal principles (*pacta sunt servanda*, *nemo iudex in causa sua*) are self-consistent configurations at level $d \sim +4$ (institutional), preserving coherence across millennia because they describe *invariants* of loop interaction: a contract = formalized coherence S_{ij} ; impartiality = the requirement $\hat{O}_{\text{judge}|i} \equiv \hat{O}_{\text{judge}|j}$ (operator identity III.3 in juridical form).

VIII. THE MORE STABLE THE FOUNDATION — THE CLOSER TO ETERNITY

8.1. Stability hierarchy

Artifacts form a hierarchy by *depth of self-consistency*:

Level 0 (contextual). The artifact is meaningful only within a specific context (fashion, news, rumor). S is high for small n and short Δt . $T \sim T_0$.

Level 1 (cultural). The artifact is meaningful within a single culture (epic, national tradition). S is high for $n \sim 10^6$ – 10^8 observers of one civilization. $T \sim 10^2$ – 10^3 years.

Level 2 (universal). The artifact is meaningful for *any* observer at the human level ($d \sim +3$). Commandment, epic, fundamental scientific law. $S \rightarrow 1$ for $n \rightarrow 10^9$. $T \sim 10^3$ – ∞ .

Level 3 (structural invariant). The artifact is meaningful for *any* observer at *any* level ($d \in \mathbb{Z}$). Mathematical theorem, the number π , Euler’s formula. $S = 1$, $T = \infty$.

8.2. Principle

$$\text{Depth of self-consistency} \uparrow \implies S \uparrow \implies T(C) = \frac{T_0}{(1-S)^n} \uparrow \rightarrow \infty \quad (\text{VIII.1})$$

The more stable the foundation, the higher the coherence. The higher the coherence, the closer the lifetime to eternity. *Eternity is not duration but the limit of coherence.*

IX. DISCUSSION

9.1. What “remains after us”

The ODTOE answer: what remains after an observer are *coherence artifacts* — cross-sections of their world line encoded in forms capable of generating resonance with subsequent loops. Children are biological artifacts (DNA + upbringing = $\delta\Psi_{\text{parent}} + \delta'_{\text{child}}$). Books are textual. Buildings are spatial. Formulas are structural. Actions are configurational (changes in \mathcal{C} recorded in the memory H of witnesses).

Everything that endures is an artifact. Everything that perishes is an artifact with $S \rightarrow S_{\text{min}}$. The question “what will remain after me?” = the question “what S does my artifact have?”

9.2. Why love is the only path to eternity

From (VI.4): $T \rightarrow \infty$ requires $S \rightarrow 1$ and $n \rightarrow \infty$. A solitary observer does not create S (no pair for coherence). A group without “self-love” ($B_i \rightarrow 0$) does not create P_{coll} (zero factors in P5). A group with “self-love” ($B_i \rightarrow 1$) but without “love of neighbor” ($S \rightarrow S_{\text{min}}$) has $T \rightarrow T_0$ (finite). Only “self-love” ($B \rightarrow 1$) plus “love of neighbor” ($S \rightarrow 1$) plus recursion through an artifact ($n \rightarrow \infty$) yields $T \rightarrow \infty$.

The commandment describes the *unique* combination of parameters leading to eternity. That is why it is itself eternal.

9.3. Limitations

- (a) The limit $S \rightarrow 1$ is structurally unattainable (Proposition 3 [1]: self-referential incompleteness; the boundaries of constitutive capacity are explored in [13]). $T \rightarrow \infty$ is an asymptotic, not an actual, limit.
- (b) The function $S(\mathfrak{A}, O_{\text{reader}})$ is not defined from first principles; the link between artifact coherence and observer coherence requires specification.
- (c) The artifact scale (Section IV) is ordinal; exact values of T require calibration of T_0 and n .
- (d) The identification “love = coherence” is an *interpretation* of the formalism, not a deductive derivation.
- (e) Formula (VI.3) captures the direction of the coherence increment but does not specify its exact magnitude: S as a global measure (III.1) is not additive, and a rigorous proof of monotonicity of S_n under sequential expansion of the collective remains an open problem.

X. CONCLUSION

“Love yourself” = close your own loop ($B \rightarrow 1$). “Love your neighbor” = close it through another ($S \rightarrow 1$). “As yourself” = apply the same operator ($\hat{O}|_{\text{neighbor}} \equiv \hat{O}|_{\text{self}}$). Create an artifact — a book, a temple, a formula, a song, a child — and encode in it your spiral gap $\delta\Psi$ so that it resonates with the loops of those who come after. The deeper the artifact’s self-consistency, the wider the circle of observers with whom it resonates, the higher the S , the closer T to infinity.

The recursive formula for eternal existence (VI.5): $\Psi_{\infty}^* = \lim_{n \rightarrow \infty} \Phi^n(\Psi_0^*)$, where $\Phi = \mathcal{L}_{\text{self}} \circ \text{Creation} \circ \text{Resonance} \circ \mathcal{L}_{\text{neighbor}}$. Eternity is not the infinite duration of a single loop but the infinite lifetime of a collective world line generated by the recursion of love.

That is why the commandment has survived three millennia: it describes the condition of its own immortality.

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