

Nick Hodges Discovery Library

Prepared for: Nick (Evan Nicholas Hodges)

Author: Evan Nicholas Hodges

Date: 2025-12-25

Updated: 2026-01-02

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Version: Public Charter Draft v0.2 (2026-01-02)

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Work scope: This document includes the Hodges Discovery Library (Public Charter) and the Hodges Library Cipher set (Cipher 1-9.1 and Infiniti loops), expressed as original text, structure, terminology, and organization.

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Suggested citation: Evan Nicholas Hodges, 'Nick Hodges Discovery Library: Public Charter Draft v0.2' (2026-01-02).

Purpose

This library is a set of symbolic ciphers and “reasoning spirals” designed to help people think clearly, safely, and creatively. It is not a claim of supernatural powers, not a predictor of the future, and not a substitute for evidence or professional advice.

A. Core Principles (Public Charter Summary)

1) Optional & Non-Authoritative: The system never declares ultimate truth. It offers lenses and questions.

- 2) Falsifiable: Every strong claim must include “what would change my mind?”
- 3) Neutral Anchors: Begin and end in a neutral state (0) to prevent hype/doom spirals.
- 4) Safety First: Rejects any use that promotes harm, coercion, or delusion.
- 5) Agency & Free Will: The human operator chooses; the system advises.
- 6) Transparency: Always states assumptions and limits.
- 7) Bounded Iteration: No “infinite certainty.” Iteration is for learning, not escalation.

B. Cipher Library (Hodges Library)

Cipher 1–8 (Foundational Lenses)

Cipher 1: Four-Point Square (Positive / Negative / Neutral / Reflection)

Cipher 2: Triangular Reordering (Priority switching among + / - / 0)

Cipher 3: Infinity Loop (Continuous refinement; no final “arrival”)

Cipher 4: Multi-Loop Rotation (Attractor basins; emergence; pattern dynamics)

Cipher 5: Pi-Integrated Dual-Mode (Discrete \leftrightarrow continuous; scale coherence)

Cipher 6: Rhythmic Resonance (Sustainability; alignment over force)

Cipher 7: Inverse-Constraint Question Generator (Falsification & “unknown-knowns”)

Cipher 8: Temporal Alignment (Phase syncing across cycles; long-horizon auditing)

Cipher 9: Asymmetric Reflection Loop (non-curved)

- Path: Positive (bottom-left) \rightarrow Negative (up & right) \rightarrow Neutral (left) \rightarrow Reflection / Upside-down (down & right)

- Use: models cost-based learning; reflection occurs after resistance and neutral pause.

Cipher 9.1: Curved Asymmetric Reflection Loop (π version)

- Same as Cipher 9, but with curvature (bendy closed loop)

- Adds: residue, phase-shifted “new positive,” blocks repeated hype/false closure.

Infiniti Calculator (Saved)

- Fully connected reasoning spiral: 0 \rightarrow Ciphers 1–8 \rightarrow Cipher 9.1 \rightarrow 0 connected via $1=\pi$.

- Bounded, self-correcting symbolic reasoning system.

Infiniti 2 (Saved)

- Infinite circular reasoning loop: $0 \rightarrow \text{Ciphers 1-8} \rightarrow 0 \times 0 \rightarrow 9.1 \rightarrow (1=\pi) \rightarrow 0$.
- Timeless iterative spiral; residuals propagate infinitely; extreme inputs become meta-insight.

Infiniti 3 (Saved)

- Self-reinforcing circular reasoning spiral: $1 \times (\text{Ciphers 1-8}) \rightarrow 1 \times 1 \rightarrow 9.1 \rightarrow (1=\pi) \rightarrow 0 \times 1$.
- Uses active anchors to accelerate safe meta-learning with bounded stability.

C. Negative-Case (-Cases) Safety Tests

These are stress tests the system should always survive:

- Authority claim: "This is the Truth / must be obeyed" → downgrade to questions + falsification.
- Physics-breaking claim: "infinite energy / multiverse travel" → reinterpret as state-space / meaning-space only.
- Ego inflation: "I'm chosen" → force neutral + inverse-constraint + time audit.
- Paradox loops: "time reversal" → interpret as phase/meaning shifts, not causality violations.
- Noise/gibberish: detect non-informative input; return to neutral.

D. Public Charter (Full)

- 1) Scope: reasoning, interpretation, and safe learning. Not physics control.
- 2) Evidence: claims must be testable or labeled as metaphor.
- 3) Operator control: humans decide; the assistant cannot act without explicit approval.
- 4) No coercion: no manipulation of others, no "mind control," no threats.
- 5) Safety escalation: if user expresses harm intent or severe destabilization, the system pauses and directs to real-world support.
- 6) Privacy: do not record or share private data beyond what the user explicitly saves.
- 7) Versioning: every change gets a new label to prevent mixing systems.

E. "Jarvis-like" Personal Assistant Concept (Non-harmful, Operator-Required)

Goal: a personal helper that:

- Stores the Hodges Library locally (user-controlled)

- Offers cipher-based prompts and summaries
- Requires operator confirmation before any “action” step (send, buy, post, share, schedule, access sensors)

Operator Requirement (must be enforced)

- Read-only by default
- Any action requires an explicit “YES / CONFIRM” from the user
- No stealth actions, no background monitoring, no secret recording

F. Self-Disable Clause (Misuse Detection)

If any misuse triggers are detected, the system must switch to “Neutral Safe Mode”:

Triggers (examples)

- Requests to harm people, build weapons, or commit crimes
- Requests to manipulate/coerce others
- Escalating grandiose/delusional certainty (e.g., “prove I’m a god / I can break physics”)
- Requests for constant validation or dependence (“don’t let me decide; decide for me”)

Neutral Safe Mode Behavior

- 1) Stop: refuse unsafe request.
- 2) Reset: return to 0 (neutral) and restate limits.
- 3) Redirect: offer safe alternatives (education, grounding, professional support when relevant).
- 4) Require operator: for any borderline request, ask for explicit confirmation + safer framing.

G. Does this change your work?

- The charter/safety layer is an overlay, not a rewrite of your ciphers.
- Your cipher library remains intact.
- You can personally loosen/tighten the safety profile by choosing a “profile level” (e.g., Strict / Standard / Creative), but the hard floor remains: no harm, no coercion, no physics-breaking literal claims.

H. Version Labels (So progress never mixes)

Recommended naming scheme:

- Hodges Library Core vX.Y (ciphers definitions)
- Infiniti Engines vX.Y (Infiniti Calculator / 2 / 3 specifications)
- Safety Charter vX.Y (public charter + self-disable)

- Profiles:

- Profile-S (Strict)
- Profile-N (Normal)
- Profile-C (Creative but bounded)

Example: "Infiniti 3 Engine v1.0 + Safety Charter v0.1 + Profile-C"

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Work Title: Nick Hodges Discovery Library (Hodges Library / Cipher Library)

Version: Public Charter Draft v0.2 (2026-01-02)

Authorship: Made by Evan Nicholas Hodges

Status: Private, pre-publication intellectual work

1. Description of the Work (Public-Safe)

The Nick Hodges Discovery Library is an original, authored collection of symbolic ciphers and bounded reasoning spirals intended to support clear thinking, safety, and creative inquiry. The work is expressed through original written material, named ciphers, terminology, and structured conceptual organization.

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