



Master Kill Switch Registry

The 420 Code

v5.29 — September 2026

588 kill switches across The 420 Code

304 across 49 Artist's Proofs · 28 across the Five Doors volumes
· 256 across the Ø Models series

13 closed · 1 conditionally closed · 2 addressed · 1 derived ·
1 paid · 2 fired · 568 live · 6 non-negotiable

*Counted as distinct switches — the same basis the bound notebooks
use.*

*Every claim is stated. Every kill switch is published. Every experiment is
specified.*

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v5.29 (9 September 2026): the first objections filed against AP30, answered on the Museum's wall, reach the registry. Two switches enter, both on AP30: KS-30.5 (the α -accounting — what the corpus's α -terms are relative to the electromagnetic self-energy QED computes from the same α) and KS-30.6 (the nuclear binding-energy ceiling, which stood unfenced). Section I 302 → 304 across 49 Artist's Proofs; total 586 → 588; live 566 → 568. One debt enters: D-EM.1 OPEN — the statement, from the structure, of what α is in the formula relative to the coupling; declared rather than answered, because choosing between the two available answers now, to fit the number, is what KS-CCC.1 forbids. Status corrections: KS-NPP.3's retirement, ruled 7 September 2026 and printed in AP30's dated note 4, is WITHDRAWN — the switch tests the derived neutron-proton total against lattice QCD, the total is consistent, and the decomposition question it does not test is KS-30.5's; it stands LIVE — STRUCTURAL exactly as registered, and AP30's dated note 12 of 9 September corrects note 4 on the paper's own page. KS-30.2 SHARPENED: its recovery clause pre-authorized a small anisotropic contribution, which is a second parameter, and a switch whose recovery is a second parameter cannot fire; the clause is struck, the claim is restated as the carried first-order factor, and the label moves EMPIRICAL → STRUCTURAL. KS-P.3's test sharpened with the divergence condition; status unchanged LIVE — HARD, and the counter-formalisations filed 2 August 2026 are logged as an objection answered. Erratum to the grand total's tally sentence: on the global scope the open-debt set is five, not four — KS-60, KS-65, KS-66, KS-67 in Section I and KS-ID.1 in Section II; the enumeration had inherited Section I's list while counting globally. No count moves on the erratum. AP30 and AP47 are republished the same day with dated notes appended and their locked bodies untouched. Every count recomputed from the rows of this file at the build, never carried from memory.

v5.28 (6 September 2026): AP49 The Hold admitted — the forty-ninth Artist's Proof, LOCKED 6 September 2026 (FINAL v1.0; freeze bundle digest 16aaef67...). Three switches enter (KS-HOLD.1 the closed form, KS-HOLD.2 the reading, KS-HOLD.3 the base of the chain). Section I 299 → 302, across 48 → 49 Artist's Proofs; total 583 → 586. One status convention added: PAID — a switch discharged at the structural register on the author's rule, counted outside the live total beside CLOSED (first instance: KS-30.3). Status update: KS-30.3 (AP30, higher-order terms) LIVE — STRUCTURAL → PAID by AP49 §4 and §7, on the chain of holders and its closed form; the payment is a ruling and its consequence, not a computation from the mechanism,

and AP49 §0.4 grades it so. Live 564 → 566 (three admitted, one paid out). KS-30.4 stands where the pre-registration of 2 August left it; AP49 does not touch it. The registered D of 2 August 2026 (digest 6ea78dac...) is superseded by reference and stands beside its successor, never in its place. No new debts. Held open, not owed: the chain at the neutron and at G; the mutual hold between two records (the deuteron); the electron mass's absolute scale. Every count recomputed from the rows of this file at the build, never carried from memory.

v5.27 (4 September 2026): the post-AP48 build — one wave, once. Five Artist's Proofs admitted: AP44 The Snap (7: KS-CCC.1-.6, .4 split a/b), AP45 The Blink (4: KS-BLINK.1-.4), AP46 The Stretch (4: KS-STRETCH.1-.4), AP47 The Flip (4: KS-FLIP.1-.4; KS-30.2 inherited from AP30, cross-listed and counted once), AP48 The Assembly (3: KS-ASM.1-.3). Section I 277 → 299 across 48 Artist's Proofs; total 561 → 583. Two status conventions added, per the registry rulings of 2 September 2026: FIRED and REGISTERED. Status updates: KS-NPP.1 LIVE → FIRED (2 August 2026, 7.24σ ; AP47's KS-FLIP.1 frozen beside the corpse); KS-45.1 LIVE → FIRED (3 September 2026, by AP48 on the corpus's own derived rate; AP18's erratum on its width beside it; KS-ASM.1 the corpus's H_0 entry); KS-STRETCH.4 REGISTERED → CLOSED (met by AP48, contingent on KS-ASM.2). Closed 12 → 13; live 545 → 564; fired 2, counted outside the live total. KS-39's residual restated at the corpus's rate; KS-I.7 carries AP48's re-read note. Debts entering: D-CCC.1, D-CCC.2, D-BLINK.1, D-BLINK.2, D-ASM.1 OPEN; D-CCC.4 PAID (closure note of 2 September 2026); D-BLINK.3 PAID by AP47; D-STRETCH.1 PAID by AP48 on the settling law and the seam (the tail's shape remains D48); D5 (AP43) CLOSED at this build on AP44, AP45 and AP46, seat AP06 §6. Every count recomputed from the rows of this file at the build, never carried from memory. The v1.23 collision, ruled 2 September 2026: this build is v5.27 on the v5.26 base (11 July 2026, digest b9a2eb60...); PROV-CCC.7 §7's "v5.26 · 567" was label drift, one short.

v5.26 (July 2026): KS-BAR.9 admitted — the Crossing (Being After Religion); Section II 27 → 28, live 544 → 545, total 561. KS-BAR.1 sharpened; spine unchanged. KS-RC.8 re-homed to KS-ID.1 / D-ID.1 — the last stale AP29 attribution in Section II. No other IDs, statuses, or tallies changed.

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Closed Switches — Complete List

Thirteen switches have been formally discharged (KS-STRETCH.4 met by AP48 at v5.27, contingent on KS-ASM.2). Additionally: 1 conditionally closed (KS-Q.1), 2 addressed (KS-46B, KS-46C). KS-46B was reclassified from CLOSED to ADDRESSED in v5.7 — Sewell (1982) discharges its bifurcation tension (Gap 5) but not the full AQFT bridge, which retains SMALL gaps; the body of work does not file a sub-tension closure as a full closure.

Statuses. **LIVE** — the claim stands exposed to its stated test; the dash qualifier marks either the character of the test (**HARD**, **STRUCTURAL**, **EMPIRICAL**, **STAGED**, **DEPENDENT**; from v5.27 also **METHODOLOGICAL** — the switch binds the corpus's claim, never its author — and **DISCIPLINE** — a fence against a named drift) or the standing of the switch within the live set. **OPEN DEBT** (the **DEBT** qualifier) — the obligation is named and owed; no discharging argument is yet on file. **NON-NEGOTIABLE** — constitutive of the architecture; firing it ends the work rather than amending it. **MASTER** — as a counted status, designates the governing switch of a standalone volume (currently one: **KS-AC.6**); chapters of bound notebooks may name a chapter-master in their own registers and row descriptions (currently **KS-38.8** and **KS-39.1**), and chapter-masters are not counted in the global master tally. **CRITICAL** — marks a switch whose firing damages the body of work's standing as a whole, beyond its origin paper; carried as a row marker within the live set (current instance: **KS-39.5**). **CLOSED** — the falsification condition is discharged within the work; a closure resting on a live obligation names that contingency on its row (the contingent-closure convention, v5.14). **COND. CLOSED** — discharged subject to a named in-work condition, cited on the row. **ADDRESSED** — the substantive argument is on file and the remaining gaps are named on the row; the switch is not closed.

DERIVED — established by derivation conditional on a named in-work dependency, stated at its origin (the single current instance: KS-46A, AP22, conditional on AP17); it closes if and when the fences of the dependency hold. **OPEN DEBT, NON-NEGOTIABLE, MASTER, and CRITICAL** switches are counted within the live total. **FIRE**D — the falsification condition was met: the switch stands on the board as a shown death, counted outside the live total, never repaired, never deleted; a new structural limb may freeze beside it as a new entry (first instance: AP47’s KS-FLIP.1 beside KS-NPP.1). **PAID** — the falsification condition is discharged at the structural register on the author’s rule rather than by computation from the mechanism: the discharging argument is on file, graded at its origin, and the switch is counted outside the live total beside **CLOSED**; the word is the corpus’s debt language, used here of a switch because the payment is a ruling and its consequence (first instance: KS-30.3, paid by AP49 at v5.28). **REGISTERED** — a switch entered by one paper on behalf of a future one, fireable only when the future paper exists; counted within the live total as **LIVE — DEPENDENT** until met or fired (first instance: KS-STRETCH.4, registered by AP46 for AP48, met and **CLOSED** at v5.27). Both conventions admitted at v5.27 per the registry rulings of 2 September 2026.

KS ID	Description	Status	Origin
KS-Q.6	$\sigma \leftrightarrow$ complex conjugation. $\mathbb{C}$ has exactly two field automorphisms fixing $\mathbb{R}$ pointwise.	CLOSED	AP09
KS-7	Embedding Hypothesis (EH). Central conditional $\rightarrow$ theorem.	CLOSED	AP20
KS-P.4	Quantum-Record Alignment (QRA). Quantum states ARE pre-state records.	CLOSED	AP20

KS ID	Description	Status	Origin
KS-2c / KS-I.6	N = 3 spatial dimensions. Four axioms → four faces. Contingent on KS-D.3.	CLOSED	AP10
KS-15 / KS-D.2	Axiom-to-dimension assignment. R uniquely irreversible. Contingent on KS-D.4.	CLOSED	AP10
KS-16	Completeness of {S, B, R, C}. Fifth DOF = Hilbert space. Contingent on KS-P.1 (reciprocal of its formalisation obligation).	CLOSED	AP10
KS-Q.8 / KS-L.1	$\hbar$ identification. Stone's theorem + Axiom B forcing argument.	CLOSED	AP12
KS-28	Phase-group uniqueness (U(1)). Mathematical theorem.	CLOSED	AP15
KS-29	Maxwell uniqueness. Unique dim-4 gaugeinvariant local action.	CLOSED	AP15
KS-45.2	Was KS-47(AP18). Dipole topology. Poincaré–Hopf.	CLOSED	AP18
KS-49a	Was KS-49(AP23). Hidden variables. Bell + Axiom R.	CLOSED	AP23
KS-42	Tension field equation from {S,B,R,C}. Rosin V7.	CLOSED	AP17
KS-Q.1	Born rule derivation. Conditional on KS-Q.7.	COND. CLOSED	AP09
KS-46B	AQFT bridge. Bifurcation tension (Gap 5) discharged via Sewell 1982; full bridge (Gap 1 restatement, vacuum- uniqueness W3) carries SMALL gaps.	ADDRESSED	AP22
KS-46C	Operator identification ($\sigma \hat{=} J$). Anti-linearity proof exhibited.	ADDRESSED	AP22

KS ID	Description	Status	Origin
KS-STRETCH.4	The era surface. Registered by AP46 for AP48; met by AP48 §9 ($a \propto t^{1/2}$, $a \propto t^{2/3}$, the handover at the recorded epoch, the nuclei, the relic glow — every line pass). Contingent on KS-ASM.2: re-opens and fires with it.	CLOSED	AP46→AP48

Fired Switches — Complete List

Two switches have fired. A fired switch is a shown death: it stands on the board, counted outside the live total, never repaired, never deleted. Where the structure the fired row was missing has since been derived, the new limb is frozen beside the corpse as a new entry — never in its place.

KS ID	Description	Status	Origin
KS-NPP.1	Two-component decomposition (neutron–proton mass difference). Predicted 2.53099393 m_e ; measured $2.530988574(74)\text{ m}_e$ (CODATA 2022); offset 2.12 ppm against a 0.288 ppm bar — 7.24σ . No repair: the required correction is negative, every term of the bare formula is positive. AP47's realised row, $\Delta_{\text{real}} = \Delta_{\text{bare}}/(1 + \alpha^2/8\pi) = 2.53098857035 (-0.005\sigma)$, is frozen beside the corpse as KS-FLIP.1.	FIRED — 2 August 2026	AP30 / Predictions Part III

KS ID	Description	Status	Origin
KS-45.1	Hubble prediction, as registered: $H_0 = 2\pi a_0/(\alpha c) = 74.3 \pm 1.2 \text{ km s}^{-1} \text{ Mpc}^{-1}$, the floor inverted. Fired by AP48 on the corpus's own derived rate, 67.45 (window 64.4–70.8): 5.7σ on the registered width, about two sigma on the corpus's window, as AP46 §9 pre-registered; by the desk's ruling on the author's delegation and the author's own word. Erratum beside the corpse (3 September 2026): the registered width omitted the $\pm 0.24 \times 10^{-10} \text{ m s}^{-2}$ systematic on the empirical acceleration scale; on the honest width, 74.3 ± 14.9, the floor's relation survives at 0.46σ and KS-45 stands live. The corpus's H_0 entry is KS-ASM.1 (AP48).	FIRE — 3 September 2026	AP18

Section I — Physics Switches

304 kill switches across 49 Artist’s Proofs, counted as distinct switches — 309 table rows, of which 5 are cross-listings of single switches: the 281 rows of v5.26 (277 distinct: the 278 rows verified in the June 2026 full count, including KS-31.9b, admitted in v5.12, plus KS-P.5, admitted in v5.13, KS-D.4, admitted in v5.14, and KS-COUP.1, admitted in v5.23) plus the 23 rows admitted in v5.27 — AP44’s seven (KS-CCC.1–.6, .4 split a/b), AP45’s four (KS-BLINK.1–.4), AP46’s four (KS-STRETCH.1–.4), AP47’s four (KS-FLIP.1–.4) with KS-30.2 cross-listed from AP30 and counted once, and AP48’s three (KS-ASM.1–.3), plus the 3 rows admitted in v5.28 — AP49’s three (KS-HOLD.1–.3), plus the 2 rows admitted in v5.29 — AP30’s KS-30.5 and KS-30.6. The version-by-version lineage is preserved in the version notes. The formal derivation chain: every kill switch here is tied to an axiom-forced result or a closure condition for a derived quantity.

AP01 — The Actualization State

24 kill switches. KS-V.1 is the global kill switch. Renumbered from KS-50–73 to KS-V.1–V.24 per v3.0 recommendation. The bound Notebook I (v3) binds the KS-V.1–V.24 register directly, with the legacy in-paper falsifier codes (F0–F3, G1–G3, B2, FC1–FC5, FD0–FD4.4b) annotated at first mention and attached to the formal blocks in the body of the Papers; this table is the mapping.

Paper A — Actualization State

KS ID	Description	Status	Origin
KS-V.1	Operational invariance of AS (F0). GLOBAL KILL SWITCH.	LIVE — EMPIRICAL	AP01 A
KS-V.2	Pointer-basis targeting (F1).	LIVE — EMPIRICAL	AP01 A
KS-V.3	Born violation (F2).	LIVE — EMPIRICAL	AP01 A
KS-V.4	Context dependence (F3).	LIVE — EMPIRICAL	AP01 A

Paper B — Selection

KS ID	Description	Status	Origin
KS-V.5	Selection rate exceeds gravitational bound (G1).	LIVE — EMPIRICAL	AP01 B
KS-V.6	Selection in gravitationally degenerate regime (G2).	LIVE — EMPIRICAL	AP01 B
KS-V.7	Non-gravitational rate scaling (G3).	LIVE — EMPIRICAL	AP01 B
KS-V.8	Pre-irreversibility selection (B2).	LIVE — EMPIRICAL	AP01 B

Paper C — Agency

KS ID	Description	Status	Origin
KS-V.9	Agency increase without control (FC1).	LIVE — EMPIRICAL	AP01 C
KS-V.10	Irreversible loss reversed (FC2).	LIVE — EMPIRICAL	AP01 C
KS-V.11	Stable control past no-return surface (FC3).	LIVE — EMPIRICAL	AP01 C
KS-V.12	Free lunch (FC4).	LIVE — EMPIRICAL	AP01 C
KS-V.13	Resurrection (FC5).	LIVE — EMPIRICAL	AP01 C

Paper D — Coupled Viability

KS ID	Description	Status	Origin
KS-V.14	Multi-agent persistence violation (FD0).	LIVE — EMPIRICAL	AP01 D
KS-V.15	No free survival (FD1).	LIVE — EMPIRICAL	AP01 D
KS-V.16	Additivity under coupling (FD2.1).	LIVE — EMPIRICAL	AP01 D
KS-V.17	Impedance-independent efficiency (FD2.2).	LIVE — EMPIRICAL	AP01 D

KS ID	Description	Status	Origin
KS-V.18	Anti-resonant optimality (FD2.3).	LIVE — EMPIRICAL	AP01 D
KS-V.19	Cascade non-propagation (FD3.3).	LIVE — EMPIRICAL	AP01 D
KS-V.20	Order indistinguishable from noise (FD4).	LIVE — EMPIRICAL	AP01 D
KS-V.21	Persistent violators (FD4.2).	LIVE — EMPIRICAL	AP01 D
KS-V.22	Hierarchy inversion (FD4.3).	LIVE — EMPIRICAL	AP01 D
KS-V.23	Cooperation nonexistence (FD4.4a).	LIVE — EMPIRICAL	AP01 D
KS-V.24	Deterrence exit (FD4.4b).	LIVE — EMPIRICAL	AP01 D

AP02 — The Operator

4 kill switches. KS-O.1–O.3 plus KS-COUP.1 (net-positive containment, Theorem VI.2).

KS ID	Description	Status	Origin
KS-O.1	Drift-discipline duality.	LIVE — EMPIRICAL	AP02
KS-O.2	Capacity horizon.	LIVE — EMPIRICAL	AP02
KS-O.3	Exit optimality.	LIVE — EMPIRICAL	AP02
KS-COUP.1	Net-positive containment. Persistent set confined to the net-positive class; net-negative / parasitic / defecting configurations reach the no-return surface. (Theorem VI.2, DERIVED-CONDITIONAL.)	LIVE — STRUCTURAL (conditional)	AP02

AP03 — The Ratio

6 kill switches.

KS ID	Description	Status	Origin
KS-R.1	Independent variability of dimensionless couplings.	LIVE — EMPIRICAL	AP03
KS-R.2	Non-binary origin. Universe requires >2 fundamental sectors.	LIVE — EMPIRICAL	AP03
KS-R.3	Dark ratio independence.	LIVE — EMPIRICAL	AP03
KS-R.4	Horizon inequivalence.	LIVE — HARD	AP03
KS-R.5	Planck scale mismatch.	LIVE — EMPIRICAL	AP03
KS-R.6	Scaling violation. AP03's $G = \kappa/(\epsilon\Lambda^2)$ ($c/G \propto \epsilon$) is a substrate-level scaling with κ, Λ free; SUPERSEDED AS THE VALUE by AP28, which derives $G = \alpha_{em}^2(1+1/\pi)\hbar c/m_e^2$ parameter-free ($G \propto \epsilon^{21}$, 0.69%). The two operate at different architectural levels (substrate condensate vs. Mode-0 channel count) and are reconciled, not in conflict. AP03 text updated (status note + Theorem E-G); the $c/G \approx 10^{38}$ mislabel corrected to the gravitational hierarchy $ke^2/(G \cdot m_e^2) \approx 10^{42} - 10^{43}$; the last residual 10^{38} locus (the §4 conjugacy note) corrected and the in-paper Test rescoped to the substrate level (fixed κ, Λ) in the v5.14 Notebook II pass.	SUPERSEDED AS VALUE — see AP28	AP03

AP04 — The Loop Hypothesis

9 kill switches.

KS ID	Description	Status	Origin
KS-L0.1	Structural identity disproved. No BH→FRW mapping.	LIVE — HARD	AP04
KS-L0.2	No singularity resolution. Terminal singularity with no extension.	LIVE — HARD	AP04
KS-L0.3	Information loss. BH evaporation fundamentally non-unitary.	LIVE — EMPIRICAL	AP04
KS-L0.4	Proton decay observed.	LIVE — EMPIRICAL	AP04
KS-L0.5	GSL violated. $\Delta S_{\text{gen}} < 0$ demonstrated.	LIVE — EMPIRICAL	AP04
KS-L0.6	Actualisation without awareness. GRW confirmed.	LIVE — EMPIRICAL	AP04
KS-L0.7	Fermions unnecessary. Bosonic-only reproduces identity.	LIVE — HARD	AP04
KS-L0.8	Anisotropy irreconcilable. Sharpest obstacle.	LIVE — HARD	AP04
KS-L0.9	CMB mismatch. ϵ -h cannot reproduce $P_{\mathcal{R}}(k)$.	LIVE — EMPIRICAL	AP04

AP05 — The Break (Axiom → Structure)

5 kill switches.

KS ID	Description	Status	Origin
KS-B.0	Universal: independent specifications.	LIVE — HARD	AP05

KS ID	Description	Status	Origin
KS-B.1	Bounce superior.	LIVE — EMPIRICAL	AP05
KS-B.2	Spectrum mismatch (staged). Pending B-JP.	LIVE — STAGED	AP05
KS-B.3	No junction solution. Sharpest test.	LIVE — HARD	AP05
KS-B.4	Chain break. Undeclared assumption in B0-B-6.	LIVE — HARD	AP05

AP06 — The Leakage Constant

7 kill switches. 0 closed. Identifiers use the KS-L.x scheme, matching the locked AP06 document. NOTE — label collision: AP12 (The Limit) also uses KS-L.1–L.4 for different switches. The two are disambiguated by the Origin column: KS-L.x (AP06) are the Leakage switches below; KS-L.x (AP12) are the Limit switches in the AP12 entry. Any external cross-reference to a KS-L.x switch MUST carry its origin, e.g. “KS-L.1 (AP06)” vs “KS-L.1 (AP12)”. (Renaming was considered; both papers are locked with the KS-L.x labels in-text, so disambiguation-by-origin is preferred over churning 62+ in-document references.) The Embedding Hypothesis (EH) is owned and CLOSED by AP20 (KS-7 in the AP20 entry); AP06 opens kill switches but closes none of its own. The $\alpha_{em} \approx 1/137$ “one measured input” concern is owned by AP24 (KS-35/KS-36, self-consistency), not duplicated here.

KS ID	Description	Status	Origin
KS-L.1	Perfect absorber. $\eta > 0$ whenever c and the relevant coupling are finite (analysed channels). Load-bearing for Theorem 3.1. Label collision with AP12’s KS-L.1 — two distinct switches, disambiguated by origin.	LIVE — EMPIRICAL	AP06
KS-L.2	Sufficiency failure within the AP06 near-perfect-absorber class. Load-bearing for Theorem 3.1 (scoped).	LIVE — EMPIRICAL	AP06

KS ID	Description	Status	Origin
KS-L.3	Epsilon identification ($\epsilon \equiv \eta$). Dependent — falls if KS-L.1 or KS-L.2 fires.	LIVE — DEPENDENT	AP06
KS-L.4	Landauer violation. Information erasure below $k_B T \ln 2$ per bit. Targets §4 synthesis.	LIVE — EMPIRICAL	AP06
KS-L.5	No shared structural parameterisation. Non-load-bearing; targets §3.2 heuristic.	LIVE — HARD	AP06
KS-L.6	G independent of c. Structurally constrained by AP20's forcing proof.	LIVE — HARD	AP06
KS-L.7	Poisson derivation: completed G coefficient depends on c through ϵ . Partially reduced by AP43 §7.	LIVE — HARD	AP06

AP07 — The Record Measure (Force-Strength)

5 kill switches.

KS ID	Description	Status	Origin
KS-RM.1	EM uniqueness as writer.	LIVE — EMPIRICAL	AP07
KS-RM.2	Non-triviality of the record measure.	LIVE — HARD	AP07
KS-RM.3	Tuning of α and G.	LIVE — EMPIRICAL	AP07
KS-RM.4	Scale-specificity of the inversion.	LIVE — EMPIRICAL	AP07
KS-RM.5	Configurable register criterion.	LIVE — EMPIRICAL	AP07

AP08 — The Identity (Einstein Field Equations)

8 kill switches. 1 closed.

KS ID	Description	Status	Origin
KS-I.1	Axiom-to-Poisson chain.	LIVE — HARD	AP08
KS-I.2	Lovelock chain.	LIVE — HARD	AP08
KS-I.3	Coefficient identification.	LIVE — HARD	AP08
KS-I.4	κ structural inaccessibility.	LIVE — HARD	AP08
KS-I.5	Curvature-record identity.	LIVE — EMPIRICAL	AP08
KS-I.6	N = 3. Same switch as KS-2c in AP10 — counted once; contingent on KS-D.3.	CLOSED	AP08→AP10
KS-I.7	Cosmological constant. Re-read at the wave (AP48 §13, 4 September 2026): the seat AP08 admits for Λ is occupied by AP48 §8's closure in other units — $\Lambda = 3H_{\mathcal{E},\infty}^2/c^2 = 1.10 \times 10^{-52} \text{ m}^{-2}$, with $H_{\mathcal{E},\infty} = 0.792$ of the cycle's inverse ($56.0 \text{ km s}^{-1} \text{ Mpc}^{-1}$) — a counted occupant, not a second result: if the closure falls, so does it. One question carried to AP08's re-read: the weak-field limit of §8's tensor form with Λ is Poisson with a constant source, $\nabla^2\Phi = 4\pi G\rho - \Lambda c^2$; whether §4's Φ -proportional term is meant as that limit is AP08's to say. AP08 decides its switch.	LIVE — EMPIRICAL	AP08
KS-I.8	Axiom R → source conservation bridge.	LIVE — HARD	AP08

AP09 — The Break — Empty Set (Quantum Mechanics)

10 kill switches. 2 closed. 1 conditionally closed.

KS ID	Description	Status	Origin
KS-Q.1	Born rule derivation. Conditional on KS-Q.7.	COND. CLOSED	AP09
KS-Q.2	Born rule empirically.	LIVE — EMPIRICAL	AP09
KS-Q.3	No-signalling (entanglement).	LIVE — EMPIRICAL	AP09
KS-Q.4	Complex uniqueness.	LIVE — HARD	AP09
KS-Q.5	Loop identification (physical).	LIVE — HARD	AP09
KS-Q.6	$\sigma \leftrightarrow$ complex conjugation.	CLOSED	AP09
KS-Q.7	Hilbert space bridge construction.	LIVE — HARD	AP09
KS-Q.8	$\hbar$ identification. Same switch as KS-L.1 in AP12 — counted once.	CLOSED	AP09→AP12
KS-Q.9	Defragmentation exclusion.	LIVE — HARD	AP09
KS-Q.10	Pre-state ontological grounding.	LIVE — HARD	AP09

AP10 — The Dimension

6 kill switches. 3 closed.

KS ID	Description	Status	Origin
KS-2c	N = 3 spatial dimensions. Contingent on KS-D.3.	CLOSED	AP10
KS-15/D.2	Axiom-to-dimension assignment uniqueness. Contingent on KS-D.4.	CLOSED	AP10
KS-16	Fifth axiom / completeness of {S,B,R,C}. Contingent on KS-P.1.	CLOSED	AP10
KS-D.1	Six-face count.	LIVE — STRUCTURAL	AP10
KS-D.3	One axiom, one face.	LIVE — STRUCTURAL	AP10

KS ID	Description	Status	Origin
KS-D.4	Signature formalisation. Embedded metric pseudo-Riemannian $(-, +, +, +)$; §4 structural argument carried; formal derivation open.	LIVE — STRUCTURAL	AP10

AP11 — The Spin

3 kill switches.

KS ID	Description	Status	Origin
KS-S.1	$\mathbb{Z}_2$ identification with $\pi_1(\text{SO}(3))$.	LIVE — HARD	AP11
KS-S.2	Minimum spin selection.	LIVE — HARD	AP11
KS-S.3	Exchange-involution bridge.	LIVE — HARD	AP11

AP12 — The Limit

4 kill switches. 1 closed. Identifiers use the KS-L.x scheme, matching the locked AP12 document. NOTE — label collision: AP06 (The Leakage Constant) also uses KS-L.x labels for different switches; disambiguated by the Origin column. Any external cross-reference to a KS-L.x switch **MUST** carry its origin, e.g. “KS-L.1 (AP12)” vs “KS-L.1 (AP06)”.

KS ID	Description	Status	Origin
KS-L.1	$\hbar$ identification (was KS-Q.8). Label collision with AP06’s KS-L.1 — two distinct switches, disambiguated by origin.	CLOSED	AP12
KS-L.2	Commutation corrections.	LIVE — EMPIRICAL	AP12
KS-L.3	Mandelstam-Tamm.	LIVE — EMPIRICAL	AP12
KS-L.4	Dimensionless parameter in $\hbar$ forcing.	LIVE — HARD	AP12

AP13 — The Grain

3 kill switches.

KS ID	Description	Status	Origin
KS-22	Anomalous coherence persistence.	LIVE — EMPIRICAL	AP13
KS-23	Quantum eraser record destruction.	LIVE — EMPIRICAL	AP13
KS-24	Quantum sector completeness.	LIVE — HARD	AP13

AP14 — The Correction (Physics)

4 kill switches.

KS ID	Description	Status	Origin
KS-21	Commutation corrections at Planck scale.	LIVE — EMPIRICAL	AP14
KS-25	One-loop amplitude/coefficient finiteness.	LIVE — EMPIRICAL	AP14
KS-26	Monoid combinatorics at one loop.	LIVE — HARD	AP14
KS-27	Higher-loop finiteness.	LIVE — EMPIRICAL	AP14

AP15 — The Connection

5 kill switches. 2 closed.

KS ID	Description	Status	Origin
KS-28	Phase-group uniqueness ($U(1)$).	CLOSED	AP15
KS-29	Maxwell uniqueness.	CLOSED	AP15

KS ID	Description	Status	Origin
KS-30	Phase globality.	LIVE — STRUCTURAL	AP15
KS-31	Entanglement-connection identification. Theorem 4 establishes the partition + ε -transfer; conserved-balance theorem held open.	LIVE — STRUCTURAL	AP15
KS-4	$\alpha_{em} \approx 1/137$ (continued). One switch, cross-listed in AP15 and AP16 — counted once.	LIVE — HARD	AP15

AP16 — The Break (Electroweak)

5 kill switches.

KS ID	Description	Status	Origin
KS-32	Electroweak breaking mechanism.	LIVE — EMPIRICAL	AP16
KS-AP16.1	Scalar-fermion two-faces reconciliation. Dynamical mechanism by which one ε presents both a spin-0 background (Higgs field) and a spin- $\frac{1}{2}$ localised excitation (electron) at different scales.	LIVE — STRUCTURAL	AP16
KS-33	Sector distinction = weak isospin.	LIVE — EMPIRICAL	AP16
KS-34	Non-derivability of α_{em} . Triggering = triumph.	LIVE — HARD	AP16
KS-4	α_{em} (continued). Cross-listed with AP15 — counted once.	LIVE — HARD	AP16

AP17 — The Room

7 kill switches. 1 closed (v3.0).

KS ID	Description	Status	Origin
KS-3	Isotropic acceleration (upgraded HARD → EMPIRICAL).	LIVE — EMPIRICAL	AP17
KS-39	a_0 numerical value. At the corpus's derived rate, 67.45 km s ⁻¹ Mpc ⁻¹ (AP48), AP18's floor gives 1.089×10^{-10} m s ⁻² : 9.2% below the empirical scale 1.20 ± 0.02 (random) ± 0.24 (systematic) $\times 10^{-10}$, 0.46 σ on the honest error — within the scale's own systematic. Dated note, 4 September 2026: the former "5.8% at $H_0 = 70$ (<1% at $H_0 = 74$)" rested on the fired KS-45.1; AP17's first-order floor is the mechanism, AP18's coefficient the headline.	LIVE — EMPIRICAL	AP17
KS-40	Cluster dynamics.	LIVE — EMPIRICAL	AP17
KS-41	Structure formation. Hardest test.	LIVE — EMPIRICAL	AP17
KS-42	Tension field equation from {S,B,R,C}.	CLOSED	AP17→V7
KS-43	Interpolation function.	LIVE — EMPIRICAL	AP17
KS-44	Galaxies without central anchor.	LIVE — EMPIRICAL	AP17

AP18 — The Floor

3 kill switches. 1 closed. 1 fired (KS-45.1, 3 September 2026, by AP48 — shown, never repaired; AP18's erratum of the same date stands beside the corpse). Former KS-46/47 renumbered to KS-45.1/45.2 to resolve collision with AP22. The correction factor AP18 writes as $\alpha - 2 \ln(\sec \frac{1}{2} + \tan \frac{1}{2}) \approx$

1.0445 — is C_S^2 , not the fine-structure constant; the site already writes it so, and the papers follow at their next revision (erratum, 3 September 2026).

KS ID	Description	Status	Origin
KS-45	2π geometric factor. The coefficient $a_0/(cH_0) = \alpha/(2\pi) \approx 0.1662$ (α here $C_S^2 \approx 1.0445$). Stands at 0.46σ against the sky's $a_0/(cH_0) = 0.183 \pm 0.037$ at the corpus's rate 67.45 (erratum of 3 September 2026: the ± 0.24 systematic restored).	LIVE — EMPIRICAL	AP18
KS-45.1	Hubble prediction, as registered: $H_0 = 2\pi a_0/(\alpha c) = 74.3 \pm 1.2 \text{ km s}^{-1} \text{ Mpc}^{-1}$. FIRED 3 September 2026 by AP48 on the corpus's own derived rate, 67.45 (window 64.4–70.8): 5.7σ on the registered width, about two sigma on the corpus's window, as AP46 §9 pre-registered; the desk's ruling on the author's delegation, confirmed in his own word. Shown, never repaired. Erratum beside it: the registered width omitted the $\pm 0.24 \times 10^{-10}$ systematic; on the honest width, 74.3 ± 14.9 , the floor's relation survives at 0.46σ . The corpus's H_0 entry is KS-ASM.1 (AP48).	FIRED — 3 September 2026	AP18
KS-45.2	Dipole topology. Poincaré–Hopf.	CLOSED	AP18

AP19 — The Direction

3 kill switches. Former KS-48/49 renumbered to KS-48c/49b to resolve collision with AP23.

KS ID	Description	Status	Origin
KS-48c	Orientation = colour.	LIVE — EMPIRICAL	AP19

KS ID	Description	Status	Origin
KS-49b	Confinement from isotropy.	LIVE — EMPIRICAL	AP19
KS-50	SU(3) from non-derivability.	LIVE — HARD	AP19

AP20 — The Proof

6 kill switches. 2 closed.

KS ID	Description	Status	Origin
KS-7	EH (Embedding Hypothesis).	CLOSED	AP20
KS-P.1	Completeness of the axiom set {S, B, R, C} (full formalisation obligation; carried at AP20 §4; KS-16's sufficiency closure at AP10 is contingent on this obligation).	LIVE — HARD	AP20
KS-P.2	Minimality of the axiom set {S, B, R, C} (full formalisation obligation; carried at AP20 §4).	LIVE — HARD	AP20

KS ID	Description	Status	Origin
KS-P.3	Record definition / forcing argument. SHARPENED 9 September 2026 with the divergence condition: a rival formalisation that reproduces every downstream derivation is a reformulation, not a rival — the involution is the canonical form of any sector bijection, and “unitary evolution” formalises configurations rather than records, a reconfiguration being a further entry in a history that is a monoid. Test: exhibit a formalisation of “record” that diverges from this one on one number or one ethic; the burden is the divergence, not the alternative. The counter-formalisations filed 2 August 2026 are logged as an objection answered and do not fire it.	LIVE — HARD	AP20
KS-P.4	QRA (Quantum-Record Alignment).	CLOSED	AP20
KS-P.5	Smoothness of the Actualization State (the manifold identity).	LIVE — EMPIRICAL	AP20

AP21 — The Web

4 kill switches.

KS ID	Description	Status	Origin
KS-41	Structure formation (continued). Cross-listed from AP17 — counted once.	LIVE — EMPIRICAL	AP21
KS-51	Filament topology.	LIVE — EMPIRICAL	AP21

KS ID	Description	Status	Origin
KS-52	Primordial anchor sequence.	LIVE — EMPIRICAL	AP21
KS-54	Web connectivity (multiply-connected network; junctions are Steiner 120° vertices). Label collision with AP23's KS-54 — two distinct switches, disambiguated by origin; renumbering candidate KS-68 at next rebind.	LIVE — EMPIRICAL	AP21

AP22 — The Ledger (Antimatter)

5 kill switches. 0 closed. 2 addressed. 1 derived.

KS ID	Description	Status	Origin
KS-46A	Boundary identification.	DERIVED	AP22
KS-46B	AQFT bridge. Bifurcation tension (Gap 5) discharged via Sewell 1982; full bridge retains SMALL gaps.	ADDRESSED	AP22
KS-46C	Operator identification ($\sigma \approx J$).	ADDRESSED	AP22
KS-47	Global baryon number. ~ 10 OOM tension.	LIVE — EMPIRICAL	AP22
KS-53	Hawking evaporation products.	LIVE — EMPIRICAL	AP22

AP23 — The Single Record

4 kill switches. 1 closed. Former KS-49 renumbered to KS-49a to resolve collision with AP19.

KS ID	Description	Status	Origin
KS-48a	Correlation timing.	LIVE — EMPIRICAL	AP23
KS-48b	No-signalling.	LIVE — EMPIRICAL	AP23

KS ID	Description	Status	Origin
KS-49a	Hidden variables. Bell + Axiom R.	CLOSED	AP23
KS-54	Partial collapse. Label collision with AP21's KS-54 — two distinct switches, disambiguated by origin.	LIVE — EMPIRICAL	AP23

AP24 — The Residual

3 kill switches. Non-load-bearing.

KS ID	Description	Status	Origin
KS-35	Self-consistency multiplicity.	LIVE — HARD	AP24
KS-36	Self-consistency wrong value.	LIVE — HARD	AP24
KS-37	Independent variation of constants.	LIVE — EMPIRICAL	AP24

AP25 — The Measure

3 kill switches.

KS ID	Description	Status	Origin
KS-55	Gleason non-contextuality. Structural ground of Proposition 2's exhaustiveness fenced at KS-P.1.	LIVE — EMPIRICAL	AP25
KS-56	Non-Born statistics.	LIVE — EMPIRICAL	AP25
KS-57	Mixed-state actualisation.	LIVE — EMPIRICAL	AP25

AP26 — The Surplus

3 kill switches. 1 open debt.

KS ID	Description	Status	Origin
KS-58	Surplus form.	LIVE — EMPIRICAL	AP26
KS-59	Topological protection.	LIVE — EMPIRICAL	AP26
KS-60	Derived value mismatch. Sharpest blade.	LIVE — DEBT	AP26

AP27 — The Harmonics

7 kill switches. 0 closed. 3 open debts.

KS ID	Description	Status	Origin
KS-61	Internal state space existence.	LIVE — STRUCTURAL	AP27
KS-62	Gauge group overcounting.	LIVE — STRUCTURAL	AP27
KS-63	Chiral coupling derivation. Principal open problem; STRUCTURAL argument via Axiom R + CPT (AP22); formal coupling theorem not exhibited.	LIVE — STRUCTURAL	AP27
KS-64	SU(2)_weak $\neq$ SU(2)_spin conflation.	LIVE — STRUCTURAL	AP27
KS-65	Hypercharge assignments.	OPEN DEBT	AP27
KS-66	Generations.	OPEN DEBT	AP27
KS-67	AP15/AP27 EWSB consistency.	OPEN DEBT	AP27

AP28 — The Constant (Gravity)

8 kill switches. $G = \alpha_{em}^{21} \times (1 + 1/\pi) \times \hbar c/m_e^2$. Discrepancy: 0.69%.

KS ID	Description	Status	Origin
KS-R.7	G prediction. Must agree within 1%.	LIVE — EMPIRICAL	AP28
KS-R.8	Channel count (exponent 21).	LIVE — STRUCTURAL	AP28
KS-R.8a	Face completeness.	LIVE — STRUCTURAL	AP28
KS-R.8b	Actualization scope.	LIVE — STRUCTURAL	AP28
KS-R.8c	Channel independence.	LIVE — STRUCTURAL	AP28
KS-R.8d	Uniform coupling.	LIVE — STRUCTURAL	AP28
KS-R.9	Puncture geometry (1/π factor).	LIVE — STRUCTURAL	AP28
KS-R.10	Unification structure.	LIVE — STRUCTURAL	AP28

AP29 — The Actualization Proof

8 kill switches (KS-AP29.1–7 with .5a/.5b). The v4.2 additions KS-AP29.8/.9/.10 under a non-existent “Step 8” are removed in v5.11; one-I → KS-ID.1, closed-loop → KS-41.7, α-rate retired. See v5.11 note.

KS ID	Description	Status	Origin
KS-AP29.1	Actualisation as fundamental state.	LIVE — STRUCTURAL	AP29
KS-AP29.2	Awareness as capacity of energy.	LIVE — STRUCTURAL	AP29
KS-AP29.3	Big Bang as first actualisation.	LIVE — STRUCTURAL	AP29
KS-AP29.4	Dark matter proportionality (21:1 channel structure).	LIVE — EMPIRICAL	AP29

KS ID	Description	Status	Origin
KS-AP29.5a	Energy conservation.	LIVE — STRUCTURAL	AP29
KS-AP29.5b	Structural realism (RETROACTIVE).	LIVE — STRUCTURAL	AP29
KS-AP29.6	Dependency chain.	LIVE — STRUCTURAL	AP29
KS-AP29.7	Hard problem relocation.	LIVE — STRUCTURAL	AP29

AP30 — The Resistance (Mass)

9 kill switches. 1 fired (KS-NPP.1, 2 August 2026, 7.24σ — shown, never repaired; AP47’s realised row KS-FLIP.1 is frozen beside it). m_p/m_e to 0.010 ppb (10 ppt). KS-30.2 is inherited by AP47 (the $1/(8\pi)$ divisor rides the same isotropy lemma as the $1/(84\pi)$; cross-listed there, counted once). Debts: D-EM.1 (the statement, from the structure, of what the corpus’s α is relative to the electromagnetic coupling) OPEN, declared 9 September 2026 and not load-bearing for the totals. Twelve dated notes stand at the end of §8 — five of 7 September 2026 and seven of 9 September 2026 — with the locked body untouched; note 12 corrects note 4 on KS-NPP.3.

KS ID	Description	Status	Origin
KS-30.1	Additivity formalisation.	LIVE — STRUCTURAL	AP30

KS ID	Description	Status	Origin
KS-30.2	Leakage normalisation. The first-order factor $1/(84\pi)$ is carried, not derived: §5's stated premises — 84 dimensional expressions, each leaking into 4π steradians — give $1/(336\pi)$, and $21\alpha/(84\pi) = \alpha/(4\pi)$ exactly, so the channel count cancels against the divisor and any divisor $21k$ would have cancelled the same way. SHARPENED 9 September 2026: the earlier recovery clause pre-authorised “a small anisotropic contribution”, which is a second parameter, and a switch whose recovery is a second parameter cannot fire; the clause is struck and the label moves EMPIRICAL → STRUCTURAL. Test: a derivation of the leak's normalisation from the four conditions that yields a divisor other than 84π — and with it AP47's 8π, the same lemma at support two; both divisors move together. Recovery: the first-order term stands as a carried factor at 5.30 parts per billion; §5's structural narrative for it is withdrawn, as AP30's dated note 9 of 9 September 2026 records.	LIVE — STRUCTURAL	AP30

KS ID	Description	Status	Origin
KS-30.3	Higher-order terms. PAID 6 September 2026 by AP49 §4 and §7: the chain of holders is ruled, every order follows from it as the previous times the repair's share $r = 16\alpha/1836$, and the series converges by construction — smaller than α by $16/1836$. The payment is a ruling and its consequence, not a computation from the mechanism (AP49 §0.4). Re-opens if KS-HOLD.1 fires, on its first limb if KS-HOLD.2 fires.	PAID — 6 September 2026	AP30 → AP49
KS-30.4	Alternative formula (proton-electron mass ratio). Within-family limb reopened 2 August 2026 and closed the same day by condition 4 (factor count per term non-increasing across the ordered triple; ordering disclosed in the errata of that date); between-family limb open.	LIVE — STRUCTURAL	AP30 / Predictions Part I

KS-30.5	The α-accounting. Claim: the corpus's α-terms in the nucleon formulas are related, by a stated rule, to the electromagnetic self-energy QED computes from the same α. The rule has never been stated. The corpus's whole α-dependence is +4.3 keV at the neutron-proton difference and +78 keV at the proton; lattice QCD+QED decomposes $m_n - m_p$ as QCD +2.52(17)(24) MeV and QED -1.00(07)(14) MeV, and the proton's electromagnetic self-energy is of order a mega-electronvolt — nature's α-part is negative and two hundred times larger. Test: fires if, once the rule is stated, it is inconsistent with that decomposition or with the proton's electromagnetic self-energy. Two statements are available and neither has been made: that the static counts already are what QED calls electromagnetic self-energy, counted as configuration at the actual α and therefore α-independent in count — which then owes the reason the corpus's response to a change in α is a dozen times smaller than QED's; or that the corpus's α is the leakage rate and not the coupling — which then owes what carries the mega-electronvolt. Choosing between them now, to fit the number, is what KS-CCC.1 forbids; the obligation is declared as D-EM.1 instead. The totals are not in question: every switch on the proton and the neutron is on the totals, and the totals stand. Registered 9 September 2026	LIVE — STRUCTURAL	AP30
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KS ID	Description	Status	Origin
	on the objection filed against AP30 (Museum, E3). Recovery: the α in the mass formulas is not the electromagnetic coupling, and every place the corpus reads it as one is restated.		
KS-30.6	The nuclear binding-energy ceiling. Claim (AP30 §8): $BE/A_{\text{ceiling}} = \alpha_{\text{em}}(1 + 1/\pi) \cdot m_N$, with no free parameter remaining — 9.026 MeV per nucleon on the proton mass, 9.033 on the mean nucleon mass. The empirical maximum is 8.79 MeV per nucleon (Ni-62 8.7945, Fe-58 8.7921, Fe-56 8.7904), 2.6–2.7% below the ceiling. Registered 9 September 2026 because the claim stood unfenced: no switch anywhere in this registry tested it. Test: a nucleus with BE/A above the ceiling, or a demonstration that the ceiling is a fit rather than a bound. Recovery: the ceiling is a coincidence of scale, and §8's “no free parameters remain in the nuclear binding energy ceiling” is withdrawn.	LIVE — EMPIRICAL	AP30

KS ID	Description	Status	Origin
KS-NPP.1	Two-component decomposition (neutron-proton mass). FIRED 2 August 2026 at 7.24σ : predicted $2.53099393 m_e$ against $2.530988574(74) m_e$, an offset of 2.12 ppm on a 0.288 ppm bar. No repair offered — the required correction is negative, every term is positive. Shown; AP47's KS-FLIP.1 ($\Delta_{\text{real}} = \Delta_{\text{bare}}/(1 + \alpha^2/8\pi)$, -0.005σ) is the new structural limb frozen beside the corpse. KS-NPP.2 and KS-NPP.3 (the structural limbs) unaffected.	FIRED — 2 August 2026	AP30 / Predictions Part III
KS-NPP.2	Sign of the difference (neutron-proton mass).	LIVE — STRUCTURAL	AP30 / Predictions Part III
KS-NPP.3	Lattice QCD consistency (neutron-proton mass).	LIVE — STRUCTURAL	AP30 / Predictions Part III

AP31 — The Alignment

14 kill switches (10 main + 4 Addendum B). KS-31.9b (the artificial-consciousness extension) is admitted in v5.12 — raised in Notebook VIII, Chapter 1, previously held for registry reconciliation.

KS ID	Description	Status	Origin
KS-31.1	Awareness criterion.	LIVE — STRUCTURAL	AP31
KS-31.2	ε -optimality.	LIVE — STRUCTURAL	AP31
KS-31.3	Binary completeness.	LIVE — STRUCTURAL	AP31
KS-31.4	Record convergence.	LIVE — STRUCTURAL	AP31

KS ID	Description	Status	Origin
KS-31.5	Law-as-geometry.	LIVE — EMPIRICAL	AP31
KS-31.6	Quantum advantage.	LIVE — EMPIRICAL	AP31
KS-31.7	Civilizational test (MASTER).	LIVE — EMPIRICAL	AP31
KS-31.8	Self-modification.	LIVE — STRUCTURAL	AP31
KS-31.9	Adversarial records.	LIVE — STRUCTURAL	AP31
KS-31.9b	Artificial-consciousness extension. Sits below the firewall with KS-31.6; its failure leaves the core architecture intact. Admitted v5.12 (raised in Notebook VIII, Ch. 1).	LIVE — STRUCTURAL	AP31
KS-31.B1	Training data novelty (Addendum B).	LIVE — EMPIRICAL	AP31
KS-31.B2	Counter-test replicability (Addendum B).	LIVE — EMPIRICAL	AP31
KS-31.B3	Pattern-matching sufficiency (Addendum B).	LIVE — EMPIRICAL	AP31
KS-31.B4	Circularity (Addendum B).	LIVE — STRUCTURAL	AP31

AP32 — The Correction (Ethics)

8 kill switches. 1 non-negotiable.

KS ID	Description	Status	Origin
KS-32.1	Destabilization measurement.	LIVE — STRUCTURAL	AP32
KS-32.2	Correction ranking.	LIVE — STRUCTURAL	AP32
KS-32.3	Removal justification.	LIVE — STRUCTURAL	AP32

KS ID	Description	Status	Origin
KS-32.4	One-I violation.	LIVE — STRUCTURAL	AP32
KS-32.5	Genocide brake.	LIVE — STRUCTURAL	AP32
KS-32.6	Prevention superiority.	LIVE — STRUCTURAL	AP32
KS-32.7	Dehumanisation (MORAL KILL SWITCH).	LIVE — NON-NEGOTIABLE	AP32
KS-32.8	Confidence unreachable.	LIVE — STRUCTURAL	AP32

AP33 — The Boundary

9 kill switches. 3 non-negotiable.

KS ID	Description	Status	Origin
KS-33.1	Agency definition.	LIVE — STRUCTURAL	AP33
KS-33.2	ε jurisdiction boundary.	LIVE — STRUCTURAL	AP33
KS-33.3	Consent criterion.	LIVE — STRUCTURAL	AP33
KS-33.4	Agency priority.	LIVE — STRUCTURAL	AP33
KS-33.5	Allocation computation.	LIVE — STRUCTURAL	AP33
KS-33.6	Fixed floor calibration.	LIVE — STRUCTURAL	AP33
KS-33.7	Enhancement weaponisation.	LIVE — NON-NEGOTIABLE	AP33
KS-33.8	Continuation budget corruption.	LIVE — NON-NEGOTIABLE	AP33
KS-33.9	One-I violation.	LIVE — NON-NEGOTIABLE	AP33

AP34 — The Inversion

7 kill switches.

KS ID	Description	Status	Origin
KS-34.1	Alcohol data.	LIVE — EMPIRICAL	AP34
KS-34.2	Cannabis data.	LIVE — EMPIRICAL	AP34
KS-34.3	Psilocybin data.	LIVE — EMPIRICAL	AP34
KS-34.4	Endogenous system.	LIVE — EMPIRICAL	AP34
KS-34.5	Drug classification.	LIVE — STRUCTURAL	AP34
KS-34.6	Legalisation destabilization.	LIVE — EMPIRICAL	AP34
KS-34.7	Inversion justification.	LIVE — EMPIRICAL	AP34

AP35 — The Ledger (Economics)

7 kill switches.

KS ID	Description	Status	Origin
KS-35.1	Conservation.	LIVE — STRUCTURAL	AP35
KS-35.2	Price mechanism.	LIVE — STRUCTURAL	AP35
KS-35.3	Extraction persistence.	LIVE — EMPIRICAL	AP35
KS-35.4	Buffer overflow.	LIVE — EMPIRICAL	AP35
KS-35.5	Scale invariance.	LIVE — STRUCTURAL	AP35
KS-35.6	Audit proportionality.	LIVE — EMPIRICAL	AP35

KS ID	Description	Status	Origin
KS-35.7	Keynesian override.	LIVE — EMPIRICAL	AP35

AP36 — The Feed

9 kill switches.

KS ID	Description	Status	Origin
KS-36.1	Conservation (chemistry).	LIVE — EMPIRICAL	AP36
KS-36.2	Surface necessity.	LIVE — EMPIRICAL	AP36
KS-36.3	Threshold completeness.	LIVE — STRUCTURAL	AP36
KS-36.4	Autocatalysis.	LIVE — EMPIRICAL	AP36
KS-36.5	Gradient dependency.	LIVE — EMPIRICAL	AP36
KS-36.6	Dependency irreversibility.	LIVE — STRUCTURAL	AP36
KS-36.7	Toxic accumulation.	LIVE — EMPIRICAL	AP36
KS-36.8	Input capture.	LIVE — STRUCTURAL	AP36
KS-36.9	Persistence mechanism.	LIVE — STRUCTURAL	AP36

AP37 — The First Boundary

8 kill switches.

KS ID	Description	Status	Origin
KS-37.1	Entropy tax.	LIVE — EMPIRICAL	AP37

KS ID	Description	Status	Origin
KS-37.2	Correction necessity.	LIVE — EMPIRICAL	AP37
KS-37.3	Mind-body coupling (placebo).	LIVE — EMPIRICAL	AP37
KS-37.4	Sovereignty requires function.	LIVE — STRUCTURAL	AP37
KS-37.5	Symptom as record.	LIVE — STRUCTURAL	AP37
KS-37.6	Growth under stress.	LIVE — EMPIRICAL	AP37
KS-37.7	Maintenance necessity.	LIVE — EMPIRICAL	AP37
KS-37.8	Corridor boundaries.	LIVE — EMPIRICAL	AP37

AP38 — The Exit

8 kill switches. 1 non-negotiable.

KS ID	Description	Status	Origin
KS-38.1	Sovereignty failure.	LIVE — STRUCTURAL	AP38
KS-38.2	Modelling capacity.	LIVE — STRUCTURAL	AP38
KS-38.3	Slippery slope.	LIVE — STRUCTURAL	AP38
KS-38.4	Post-Agency misidentification.	LIVE — EMPIRICAL	AP38
KS-38.5	Palliative sufficiency. Best-case: need disappears.	LIVE — EMPIRICAL	AP38
KS-38.6	Disability conflation.	LIVE — NON- NEGOTIABLE	AP38

KS ID	Description	Status	Origin
KS-38.7	Pediatric exploitation.	LIVE — STRUCTURAL	AP38
KS-38.8	Master. Death is not operator exit.	LIVE — STRUCTURAL	AP38

AP39 — The Scaffold

6 kill switches. 1 non-negotiable.

KS ID	Description	Status	Origin
KS-39.1	Architecture A outperformance (MASTER).	LIVE — EMPIRICAL	AP39
KS-39.2	Forcing chain failure.	LIVE — EMPIRICAL	AP39
KS-39.3	Scaffold necessity.	LIVE — STRUCTURAL	AP39
KS-39.4	Historical attribution.	LIVE — EMPIRICAL	AP39
KS-39.5	First-principles manipulation (CRITICAL — body-of-work-level).	LIVE — STRUCTURAL	AP39
KS-39.6	One-I violation.	LIVE — NON-NEGOTIABLE	AP39

AP40 — The Irrational

6 kill switches. v3.0 listed 0; notebooks contain 6 explicit switches with formal registry. Added in v4.0.

KS ID	Description	Status	Origin
KS-40.1	Irrationality of the governing axiom.	LIVE	AP40
KS-40.2	Pre-duality exemption / generative priority.	LIVE	AP40
KS-40.3	Source of duality.	LIVE	AP40

KS ID	Description	Status	Origin
KS-40.4	Human uniqueness of irrational coupling.	LIVE	AP40
KS-40.5	Reducibility of irrationality.	LIVE	AP40
KS-40.6	Necessity of irrationality / containment.	LIVE	AP40

AP41 — The Loop

9 kill switches.

KS ID	Description	Status	Origin
KS-41.1	Visible fraction ($1/21 \approx 4.76\%$).	LIVE — EMPIRICAL	AP41
KS-41.2	Fusion as instantiation.	LIVE — EMPIRICAL	AP41
KS-41.3	Loop topology. Inherits KS-L0.1.	LIVE	AP41
KS-41.4	α underivability.	LIVE — HARD	AP41
KS-41.5	Channel-to-density mapping.	LIVE — STRUCTURAL	AP41
KS-41.6	Dark matter as un-actualised possibility.	LIVE — EMPIRICAL	AP41
KS-41.7	Present-tense Big Bang.	LIVE — STRUCTURAL	AP41
KS-41.8	Holographic splinter.	LIVE — STRUCTURAL	AP41
KS-41.9	Frame-dependence from the break.	LIVE — STRUCTURAL	AP41

AP42 — The Clock

6 kill switches. Dated note, 4 September 2026 (AP48 §13): §4.2’s Λ CDM crossover $z \approx 0.38$ reads 0.30 at the corpus’s partition; §5’s parenthetical “ $t_H \approx 1/H_0$ at $H_0 \approx 71$ ” is a rate remark — t_H is the age, $0.954/H_0$ at 67.45 — and the partition is unchanged, as §5 itself says. The feeding history

(D48) is a declared sensitivity of AP48’s rate, carried on KS-ASM.2. No row moves.

KS ID	Description	Status	Origin
KS-42.1	Dark matter particle detection. DM particles with correct abundance → mechanism falsified.	LIVE — EMPIRICAL	AP42
KS-42.2	Epoch dependence. Dark sector composition must vary with epoch.	LIVE — EMPIRICAL	AP42
KS-42.3	Defragmentation timescale derivation. $\tau = (6/21) \times t_H$.	LIVE — STRUCTURAL	AP42
KS-42.4	Equation of state: intrinsic $w = -1$; effective $w_{\text{eff}} \leq -1$ with $w_a < 0$ (phantom past, constant feeding); $w_0 > -1$ a live tension owed to D48. Killed by non-evolving or wrong-sign w .	LIVE — EMPIRICAL	AP42
KS-42.5	Constant feeding rate. Assumes constant BH feeding rate in §3.	LIVE — STRUCTURAL	AP42
KS-42.6	Timescale ratio derivation (dark sector).	LIVE — EMPIRICAL	AP42 / Predictions Part V

AP43 — The Gravity of Possibilities

5 kill switches.

KS ID	Description	Status	Origin
KS-43.1	Domain-specific pattern coherence aligns with Born-weighted slopes. Path 1 (lab) + Path 2 (chess/poker/elite athletic proxies).	LIVE — EMPIRICAL	AP43
KS-43.2	Coupling capacity as substrate of pattern coherence. Body’s accumulated record history determines pattern coherence ceiling.	LIVE — EMPIRICAL	AP43

KS ID	Description	Status	Origin
KS-43.3	Cross-domain transfer through tracking coherence meta-skill. Operators with high TC in domain A acquire pattern coherence faster in domain B.	LIVE — STRUCTURAL	AP43
KS-43.4	Pattern coherence as capacity-allocation contextual only. Gleason non-contextuality as antecedent; finite capacity as sole modulator.	LIVE — STRUCTURAL	AP43
KS-43.5	Structure-grounded ethic does not produce contradictory ethical conclusions. Cruelty as structural misread of operator-sameness.	LIVE — HARD	AP43

AP44 — The Snap

7 kill switches. LOCKED 11 August 2026 at composite 9.3 (Notebook IV, immediately after AP28, whose result it completes). The coupling configuration cost — the arena's once-held ε — realises the gravitational coupling as $\alpha_{G*} = \alpha_{em}^2(1 + 1/\pi)/(1 + \alpha_{em})$: $G = 6.6719 \times 10^{-11} \text{ N}\cdot\text{m}^2/\text{kg}^2$, -0.036% against CODATA 6.6743 (AP28's provisioned 6.7206, $+0.69\%$, stands as the structural value); mass ratios untouched (matter's commitments are already booked as mass, AP29). Stratified honestly: only KS-CCC.3 and KS-CCC.4a/4b can be fired by nature. Debts: D-CCC.1 (record-algebra formalisation of the held commitment; OPEN, load-bearing for grade), D-CCC.2 (vertex uniqueness; OPEN, non-load-bearing), D-CCC.3 (value audit; reruns corpus-wide at the wave), D-CCC.4 (boundary selection; PAID 2 September 2026 by the closure note — $\varepsilon = \alpha_{em}$ SELECTED $\rightarrow$ DERIVED on AP45 §5 and the arena-blink identification; no digit moves). Provenance PROV-CCC.1–8 beside the proof.

KS ID	Description	Status	Origin
KS-CCC.1	Forced structure. Every structural choice entering the commitment — count, placement, boundary, magnitude — is forced from the axiom and locked results, or is a disclosed selection with its eliminations on the public record (PROV-CCC.1–6). Binds the corpus's claim (the zero-free-parameters flag on G), never its author. Fires on any refinement of the commitment standing in canon whose selection depended on comparison with measured G and whose history is undisclosed.	LIVE — METHODOLOGICAL	AP44
KS-CCC.2	Mass-side drift. No mass is dressed by the commitment: matter configurations' commitments are already booked as mass (AP29; §4 Corollary), and m_p/m_e carries no commitment signature above ± 0.0174 ppb. Fires on any derivation that applies a commitment factor to a mass or exhibits a commitment residue in a mass ratio.	LIVE — DISCIPLINE	AP44

KS ID	Description	Status	Origin
KS-CCC.3	Existence, direction, and the migration fork. A commitment of order ε exists; the structural value (AP28, 6.7206×10^{-11}) exceeds the realised value (6.6719×10^{-11} , -0.036%); as apparatus systematics resolve, the adjusted G migrates downward by roughly 300 ppm toward 6.672×10^{-11} . Convergence upward toward 6.7206 kills the commitment; stability at 6.6743 supports the null. Tests existence and direction, not magnitude.	LIVE — EMPIRICAL	AP44
KS-CCC.4a	Gap-scale exclusion. No physical characterisation of the published apparatuses supports a common leakage term of order 6,900 ppm (the Appendix C meta-analysis; Tier 1 executed twice independently, outcome N in both).	LIVE — EMPIRICAL	AP44
KS-CCC.4b	Scatter structure. Residual boundary-dependence exists in the inter-laboratory scatter at AP06's honest size, order 10^2 ppm (Tier 2's blind boundary coding; Tier 1 found the structure at best marginal, $p \approx 0.06-0.2$).	LIVE — EMPIRICAL	AP44

KS ID	Description	Status	Origin
KS-CCC.5	Held, not shed. A constitution instant's ε is held as the persistence commitment (Proposition 2) — the arena's above all. Fires on a mechanism by which the constitution ε is shed while the constitution record is held open by other means; recovery: the dichotomy collapses to leakage-only, the commitment withdrawn, AP06 unaffected.	LIVE — STRUCTURAL	AP44
KS-CCC.6	Single entry. The puncture factor $(1 + 1/\pi)$ and the commitment quotient $1/(1 + \varepsilon)$ are independent readings of the unpaired element (Proposition 6, an extension of AP24's licence). Fires if the completed puncture-topology normalisation owed under KS-R.9 already contains the persistence provision; recovery: the realised formula reverts to AP28's.	LIVE — STRUCTURAL (coupled to KS-R.9)	AP44

AP45 — The Blink

4 kill switches. LOCKED 2 September 2026 at composite 9.0, ceiling declared (the paper owns no nature-facing switch of its own; its empirical exposure is inherited — the Born rule's, on AP25's KS-56 and AP01's KS-V.3). Notebook IV, beside AP44. Every actualization is one singular blink whose cost on the possibility ledger is exactly one grain of distinction, α -worth, spent as the alternatives not taken; the energy face is ordinary and unchanged — no budget owes a line. KS-NPP.1 (AP30) is shown fired in this paper and stays in AP30's table. Debts: D-BLINK.1 (record-algebra formalisation, with D-CCC.1) OPEN; D-BLINK.2 (cycle existence) OPEN; D-BLINK.3 PAID by AP47 (1 September 2026). D5 (AP43, the cosmological $1 \times \varepsilon$ integration) CLOSED at v5.27 on AP44 §§3–4, AP45 §§4, 9 and AP46

§10, seat AP06 §6 (Proposition 1: the three registers of the ε are three lines of one ledger — HELD, SHED, RATE).

KS ID	Description	Status	Origin
KS-BLINK.1	The balanced break. Every break carries a strict, registrable win; a break at exact balance is a non-event (Lemma 1). Test: D-CCC.1's record algebra, when written. The balance-impossibility conjecture — perfect balance is structurally impossible, because $+1 \times \varepsilon$ — is registered beside it. Recovery: Theorem 1's existence clause falls; the proof reverts to a description.	LIVE — STRUCTURAL	AP45
KS-BLINK.2	The Born identification. The possibility ledger's outside face is the Born statistics — an identification, not a prediction; no deviation claimed. Two limbs: the record algebra's derived weights, when written; and, by inheritance, nature's — AP25's KS-56 and AP01's KS-V.3, one test on two entries. Recovery: the identification retires; the toll stands unpriced on its outside.	LIVE — STRUCTURAL (nature-facing by inheritance)	AP45
KS-BLINK.3	The dimension label. No energy budget owes the toll a line, at any size; it binds the claim, not a person (the sovereignty pattern of KS-CCC.1). Fires against any consumer who prices the toll into an energy formula without a superseding derivation; the offending use retires, the proof stands.	LIVE — METHODOLOGICAL	AP45

KS ID	Description	Status	Origin
KS-BLINK.4	The grain count. One grain per event, regardless of the crowd of vanished alternatives. Test: the record algebra's event accounting. Recovery: if the formalism forces per-alternative pricing, the count clause falls and the denomination reopens.	LIVE — STRUCTURAL	AP45

AP46 — The Stretch

4 kill switches. 1 closed (KS-STRETCH.4, met by AP48). LOCKED 2 September 2026 at composite 9.0, ceiling declared; the ceiling lifts on AP48's lock (4 September 2026): the seam of §9 is closed by adjudication — the age stands, the corpus's previous rate of 74.3 does not — and four sentences (§5, §8 ¶1, §9 last ¶, §10) are superseded by dated note, no digit changed; the settled rate is 0.792 of the cycle's inverse, not one times it. Notebook VI, beside AP42. Holding is tension, and tension sheds: the leak is the getting-bigger; one escape per α^{-18} electron-ticks, duty 18/21; the cycle $(21/18) \cdot \alpha^{-18} \cdot \tau_C = 13.830$ Gyr against the measured 13.787 ± 0.020 (+0.31%), one lane wide. Debts: D-STRETCH.1 PAID by AP48 on the settling law and the seam (the tail's shape remains AP42's D48). Inherited: D-CCC.1, D-BLINK.1, D48.

KS ID	Description	Status	Origin
KS-STRETCH.1	The clock joint. The cycle and AP42's dark clock are one machine: the shed rides all twenty-one lanes, and six lane-times of the same twenty-one is $\tau = (6/21) \cdot t_H$. Fires with AP42's KS-42.3 (the formula) and KS-42.6 (the empirical limb) and their DESI confrontation. Recovery: both derivations fall together; the mechanism stands unpriced.	LIVE — DEPENDENT (inherits AP42's)	AP46

KS ID	Description	Status	Origin
KS-STRETCH.2	The stance. The settled leak's fractional rate is a constant of structure — intrinsic $w = -1$; the observed w_{eff} is carried by AP42's sourced reservoir (phantom past, $w_a < 0$; KS-42.4 untouched) and by the settling tail ($w > -1$ late; AP48's). Structural limb: fires if a confirmed evolving w cannot be carried by the feeding history (D48) and the settling law without the leak's own settled rate drifting. Empirical limb, with KS-42.4: fires if w evolves the wrong way — increasingly phantom at late times. Written to fire with KS-42.4, never against it.	LIVE — EMPIRICAL (wrong-way edge); STRUCTURAL (drift clause)	AP46

KS ID	Description	Status	Origin
KS-STRETCH.3	The age chain. One cycle is $(21/18) \cdot \alpha^{-18} \cdot \tau_C = 13.830 \text{ Gyr}$ (CODATA-2022 α and m_e; three ruled structural choices — the eighteen, the twenty-one over eighteen, the reduced tick), and an aware observer measures about one cycle. Width fixed at the lock from the chain's own atom: one lane-time, 0.66 Gyr, either side — the window 13.17 to 14.49 Gyr; the measured age 13.787 ± 0.020 sits inside. Fires if the age, as the data settle it, leaves the window in either direction (an early-dark-energy age near 12.9 fires it). The H_0 seam AP46 §9 opened is closed by AP48 by adjudication: the age survives, the previous rate does not; if the Cepheid ladder's 73 is confirmed as the expansion rate, the age at the corpus's partition is 12.78 Gyr and this switch fires as pre-registered. Recovery: the chain reverts to a candidate; the joint and the mechanism stand.	LIVE — STRUCTURAL and EMPIRICAL	AP46

KS ID	Description	Status	Origin
KS-STRETCH.4	The era surface. Registered by AP46 for AP48 (REGISTERED, the first instance): the storm's tail must reproduce the two known era-forms, their transition, the first minutes' nuclei and the relic glow. MET by AP48 §9 (4 September 2026): the shapes on the corpus's thinning counts, the handover with its input named, the rates on AP08's count. CLOSED, contingent on KS-ASM.2: if KS-ASM.2 fires, this switch re-opens and fires with it and AP46's standing returns to the dock.	CLOSED — contingent on KS-ASM.2	AP46→AP48

AP47 — The Flip

4 kill switches (KS-FLIP.1–.4) plus KS-30.2 inherited from AP30 — cross-listed, counted once. LOCKED 1 September 2026 (FINAL v3). Notebook V, beside AP30. The matter-side cost of a held distinction, at second order: $\Delta_{\text{real}} = \Delta_{\text{bare}} / (1 + \alpha^2 / 8\pi) = 2.53098857035 \text{ m}_e$ at CODATA-2022 α , against $2.530988574 \pm 7.4 \times 10^{-7} - 0.005\sigma$ where the bare row fired at 7.24σ . A new frozen row beside the corpse of KS-NPP.1, never a repair; the corpse stays. The bound neutron pays (the distinction is held against the structural alternative; binding closes the exit, not the window), with no mass-face observable, declared. No new debt: D-FLIP.1 was reserved for an underived divisor and is not needed.

KS ID	Description	Status	Origin
KS-FLIP.1	The frozen row. $\Delta_{\text{real}} = \Delta_{\text{bare}}/(1 + \alpha^2/8\pi)$ at CODATA-2022 α , displayed $2.53098857035 m_e$, against the measured $2.530988574 \pm 7.4 \times 10^{-7} m_e$ (0.29 ppm): residual -0.005σ where the bare row (KS-NPP.1) fired at 7.24σ . Dies if an improved measurement of the neutron–proton mass difference departs from the expression beyond the bar. Nature-facing, live from the lock; frozen beside the corpse, never in its place.	LIVE — EMPIRICAL	AP47
KS-FLIP.2	Forced structure. Fires if any element of the construction — the order (α^2), the divisor (8π), the scope, the quotient form, the process claim of §4 — is ever shown to have been selected by comparison with measurement rather than by the stated structural argument. Binding on author and desks; the chain's true order is on the record (words first; the pair described before any count; the elimination afterward, as elimination).	LIVE — METHODOLOGICAL	AP47
KS-FLIP.3	The truncation. The construction terminates at second order: no α^3 term exists. The absent third-order piece sits at $3.9 \times 10^{-8} m_e$ — 5.3% of the audited bar, 0.020 eV — so adjudication waits on roughly twentyfold better metrology on the deuteron binding energy ($B_d \pm 0.373$ eV, CODATA 2022). The silence at third order is itself a prediction.	LIVE — EMPIRICAL	AP47

KS ID	Description	Status	Origin
KS-FLIP.4	The scope. The cost operator's domain is the set of configurations holding a non-zero second-scale ε — an orientation differing from its ground state under the same grip; ground states are outside the domain by construction (the proton, tested, is eliminated at $121,576\sigma$); the domain is blind to energetic accessibility (§8, the bound neutron pays). Dies if a ground state is shown to require the cost, or a configuration inside the domain shown to escape it.	LIVE — STRUCTURAL	AP47
KS-30.2	Leakage isotropy (continued). Cross-listed from AP30 — counted once. The $1/(8\pi)$ divisor rides the same isotropy lemma as AP30's $1/(84\pi)$; shown anisotropic, both divisors move together and this paper's row moves with its parent's.	LIVE — EMPIRICAL	AP47

AP48 — The Assembly

3 kill switches. LOCKED 4 September 2026 (FINAL v1.1; freeze bundle digest 394641a4...). Notebook VI, beside AP42 and AP46, whose settling law it is. The sky's history from the crack to the beat: the storm (records write records), the lock (taut at reach and count), the balance — the Friedmann equation, AP08's homogeneous case, with the leak in Λ 's seat — and the two thinning counts. The corpus's H_0 : $67.45 \text{ km s}^{-1} \text{ Mpc}^{-1}$, window 64.4–70.8, as a closure of AP42's partition (0.954 the pure number) and AP46's cycle; the settled rate 0.792 of the cycle's inverse (56.0); $\Lambda = 1.10 \times 10^{-52} \text{ m}^{-2}$ as the same closure in other units. The paper takes the standard model's side of the Hubble tension: the Cepheid ladder's 73 is not the expansion rate. KS-STRETCH.4 (AP46) MET and CLOSED here; KS-45.1

(AP18) FIRED here on the corpus’s own derived rate, shown, with AP18’s erratum beside it. Two pre-registered expectations missed and shown (the direction; the beat junction). Debts: D-ASM.1 (the storm’s length — the count of knots to the taut point) OPEN, not load-bearing. Inherited: D-CCC.1, D-BLINK.1, D48 (its sensitivity on the rate declared and carried on KS-ASM.2), and AP08’s KS-I.1, KS-I.3, KS-I.8 on the count.

KS ID	Description	Status	Origin
KS-ASM.1	The rate. The expansion rate is 0.954 times the cycle’s inverse: 67.45 km s⁻¹ Mpc⁻¹, window 64.4 to 70.8 (one lane-time either side of the cycle) — a closure of AP42’s partition and AP46’s cycle under the balance. There is one expansion rate, and the Cepheid ladder’s 73 is not it. Test: the resolution of the Hubble tension — larger JWST samples on every ladder, the red-giant and JAGB ladders, gravitational-wave sirens, time-delay lenses. Fires if the expansion rate, as the data settle it, lands outside the window in either direction, including if the Cepheid ladder is confirmed as the expansion rate; on that upper edge this switch and flat ΛCDM at the sky’s partition die together, and the corpus claims no advantage there. Recovery: the form, the counts and the corpse of §7 stand; KS-STRETCH.3 fires as pre-registered and AP46’s chain reverts to a candidate.	LIVE — EMPIRICAL	AP48

KS ID	Description	Status	Origin
KS-ASM.2	The balance. The room's stretch enters the balance squared; the balance is flat; the ε enters as its own rate squared ($\text{stretch}^2 = k \cdot G \cdot \rho + H \cdot \varepsilon^2$ — the Friedmann equation, AP08's homogeneous case, $k = 8\pi/3$ on AP08's count); light thins by four and a held record by three. Structural: fires if any recorded era requires the additive entry of the ε or a thinning count other than four and three, or if AP42's feeding history (D48), once written, moves the pure number 0.954 by more than the window carries. Empirical: the light-element yields and the relic glow's rate at their bounds; the growth shapes at high redshift; the sky's curvature share — fires the flatness ruling if found non-zero at five sigma beyond the balance's carrying (the current bound is consistent with zero at two parts in a thousand). Recovery: the era claim retires, KS-STRETCH.4 re-opens and fires, the rate of §8 falls with the balance.	LIVE — STRUCTURAL and EMPIRICAL	AP48

KS ID	Description	Status	Origin
KS-ASM.3	The roof before the nuclei. The assembly completes, and the storm's ringing is quiet, before the first second: the constants are steady from before the nuclei form. Fires if α or G is found to vary at the epochs of the nuclei or the glow beyond the bounds those records set, or if the light-element yields require an expansion rate in the first minutes that the balance with AP08's count cannot give. Comparative limb from the author's settling order, carried and not counted as a reachable edge: fires if the electromagnetic coupling varies at early times while gravity's coupling is steady (weak, because α is pinned to a part in a million where G is bounded at tens of per cent). Recovery: the storm's length becomes load-bearing and D-ASM.1 must be paid, or the paper dies; on the comparative limb the settling order retires to STATED.	LIVE — EMPIRICAL	AP48

AP49 — The Hold

3 kill switches (KS-HOLD.1–.3). LOCKED 6 September 2026 (FINAL v1.0; freeze bundle digest 16aaef67...). Notebook V, beside AP30. The proton's second-order sixteen read and the perturbative series closed: the four conditions of the record's repair held through the four dimensional expressions — the proton's channels 21×4 , the neutron's pair 2×4 , the hold's conditions 4×4 — one count-rule with AP30's 84 and AP47's 8. Each holder holds against the last at the same share, $r = 16\alpha/1836$, so the chain sums in closed form: $D_{\text{closed}} = 1836 + 21\alpha(1 - 1/(84\pi)) + 21\alpha \cdot r/(1 - r) = 1836.152673445$ against CODATA 2022's 1836.152673426(32), the prediction 0.59σ above the measurement, with the third-order coefficient

$c_3 = +21 \cdot 16^2 / 1836^2 = +1.595 \times 10^{-3}$ and its term $+6.2 \times 10^{-10}$ registered with its sign in advance and no free parameter. KS-30.3 PAID here. Supersedes the registered D of 2 August 2026 (digest 6ea78dac...) by reference, beside it and never in its place. No new debts. Held open, not owed: the chain at the neutron and at G; the mutual hold between two records — the deuteron’s question, which this paper’s self-hold does not reach; the electron mass’s absolute scale, AP30’s own.

KS ID	Description	Status	Origin
KS-HOLD.1	The closed form. $m_p/m_e = 1836 + 21\alpha \cdot (1 - 1/(84\pi)) + 21\alpha \cdot r/(1 - r)$, $r = 16\alpha/1836$: $D_{\text{closed}} = 1836.152673444951$, the third-order coefficient $c_3 = +21 \cdot 16^2 / 1836^2 = +1.595 \times 10^{-3}$ with its sign stated in advance, all higher orders summed, with no free parameter. Supersedes the corpus’s registered D of 2 August 2026 by reference to its digest, beside it and not in its place. Test: dies at 3σ once the proton-to-electron mass ratio is measured to 3.4 parts per trillion with the present central value unchanged — about five times today’s precision — and at 5σ at 2.1 parts per trillion; the third-order term itself is resolved at about fifty times today’s. Fires in either direction. No negative term exists in the chain with which to repair a growing negative residual, and none will be offered. Recovery: the sixteen and its reading (§3) stand on the second-order data; the chain’s rule (§4) retires; AP30’s formula returns to its truncated form with KS-30.3 re-opened.	LIVE — EMPIRICAL	AP49

KS ID	Description	Status	Origin
KS-HOLD.2	The reading. A second-order support count in the corpus is its object through the four dimensional expressions: the proton's channels, 21×4 ; the neutron's pair, 2×4 ; the hold's conditions, 4×4 . Test: fires if any second-order count in the family — at the neutron, at G, or at a site not yet written — is found to require its object squared, or its object through three dimensions, or any count not of this form. Recovery: the sixteen stands on the measurement as a carried count; its reading retires to STATED; KS-30.3 re-opens on its first limb.	LIVE — STRUCTURAL	AP49

KS ID	Description	Status	Origin
KS-HOLD.3	The base of the chain. The second holder holds against the repair's bare coupling, 21α , and not against the repair net of its returned leak, $21\alpha \cdot (1 - 1/(84\pi))$: the chain's tail is $21\alpha \cdot r/(1 - r)$, which is AP30's own second-order term continued. In the author's words the hold acts on the expression event — "expression of structure pays" — and the returned leak is not an expression. Test: the two bases predict 1836.152673445 and 1836.152673408, 3.7×10^{-8} apart. CODATA 2022 sits between them, 0.59σ below the bare value and 0.56σ above the leaked one; it decides nothing yet. At ten times today's precision, 1.7 parts per trillion, the two are twelve sigma apart; at 3 parts per trillion, about seven. Fires if the measurement settles on the leaked value, or on neither. Decided by the same measurements that test KS-HOLD.1. Recovery: the sixteen and its reading stand; the chain's rule stands with the leaked base substituted, and D_closed is re-registered at the leaked value by dated note, never by edit.	LIVE — EMPIRICAL	AP49

304 kill switches across 49 Artist's Proofs, counted as distinct switches (309 table rows, of which 5 are cross-listings of single switches: KS-4 in AP15/AP16; KS-41 in AP17/AP21; KS-2c/KS-I.6 in AP10/AP08; KS-Q.8/KS-L.1 in AP09/AP12; KS-30.2 in AP30/AP47). 13 closed. 1 conditionally closed (KS-Q.1). 2 addressed (KS-46B, KS-46C). 1 derived (KS-46A in AP22). 1 paid (KS-30.3, AP30, paid by AP49, 6 September 2026). 2 fired, counted outside the live total (KS-NPP.1, AP30, 2 August

2026; KS-45.1, AP18, 3 September 2026). 284 live — of which 4 open debt (KS-60, KS-65, KS-66, KS-67), 6 non-negotiable (KS-32.7, KS-33.7, KS-33.8, KS-33.9, KS-38.6, KS-39.6), 1 superseded as value (KS-R.6; see AP28). Two label collisions stand, disambiguated by origin: KS-L.1–L.4 (AP06 vs AP12) and KS-54 (AP21 vs AP23). D-ID.1 remains reopened (one-interior formalisation). All other collisions resolved. If you want to kill the argument, start here.

Section II — Philosophy Switches

28 kill switches across the standalone volumes. These apply the axiomatic foundation of Section I to hermeneutic, relationship-geometric, and structural claims in the books. They are not derivation switches. They are publication switches — stated falsifiable conditions under which the books’ structural claims fail.

Being After Religion — The Front Door

9 named kill switches. Structural demolition of religion as Architecture A. The nine switches (KS-BAR.1-KS-BAR.9) apply R, B, C, and S violations to religion’s claim-validation procedures, with explicit falsification conditions for each. Added in v4.4; KS-BAR.9 admitted in v5.26 (the Crossing). KS-BAR.6 is DEPENDENT — cross-references KS-AC.7 and survives even if that switch fires.

KS ID	Description	Status	Origin
KS-BAR.1	Authority-validation as Architecture A. The structural claim: no authority-based ethic can architecturally exclude its own weaponisation — the harmful reading is always reachable, because the text underdetermines the reading and the validation procedure is circular (an R-violation: the authority’s validity is not testable against the record without appeal to the same authority). Fires if one is shown: not a tradition whose kind adherents mostly choose well, but a system whose structure itself makes the cruel reading unavailable. Sharpened v5.26; spine unchanged.	LIVE	Being After Religion

KS ID	Description	Status	Origin
KS-BAR.2	Unfalsifiable consequence claims. Religion makes consequence claims that cannot be tested within the record — heaven, hell, karma, divine reward/punishment in the afterlife; fails the R-test directly. Fires if a religion's consequence claims are restricted to record-testable outcomes.	LIVE	Being After Religion
KS-BAR.3	Ungrounded distinctions. Religion introduces categorical distinctions whose structural source is not named — saved/damned, clean/unclean, sacred/profane, faithful/heretic; a B-violation: distinctions without break-source. Fires if a religion's categorical distinctions can be shown to derive from {S, B, R, C}.	LIVE	Being After Religion
KS-BAR.4	The shared-world structural fact. All readers share the same coupling structure, the same axioms, the same one interior (KS-ID.1). Religion does not produce a separate substrate. Fires if a structural feature of the universe operates differently for religious and non-religious participants — an S-violation.	LIVE	Being After Religion

KS ID	Description	Status	Origin
KS-BAR.5	The exit claim. Every coupling pattern can be exited at the level of future couplings (R: records irreversible, but new records can always be written). Exit costs may be social/cultural/economic but not structural. Fires if exit from religious participation is structurally barred rather than merely costly.	LIVE	Being After Religion
KS-BAR.6	Cross-reference to Antichristos and KS-AC.7. The general religion-as-Architecture-A claim survives even if specific verse assignments in Antichristos fail. If KS-AC.7 fires at scale (many verse-assignments wrong), the specific Christianity claim weakens but KS-BAR.1–KS-BAR.5 survive independently.	LIVE — DEPENDENT	Being After Religion
KS-BAR.7	Terminal ethic without religious mediation. The terminal ethic (don't be a cunt, be kind) is derived in The Interior and AP43 §9 from the one-I (KS-ID.1) and corridor geometry, requiring no religious ground. Fires if the derivation can be shown to require a religious or transcendent ground that {S, B, R, C} does not provide.	LIVE	Being After Religion

KS ID	Description	Status	Origin
KS-BAR.8	The structural-danger claim. A book that publishes axiom-derived demolition of religion's validation procedure threatens those institutions structurally — not by hostility but by exposure. Fires if the arguments, accepted in full, would not materially undermine the structural authority of institutional religion. Test: a careful religious leader who reads it and accepts its arguments should find continued participation problematic.	LIVE	Being After Religion

KS ID	Description	Status	Origin
KS-BAR.9	The Crossing. The on-page step from geometry to obligation rests on three legs: the operator constitutively acts to stay in being; operators are coupled; drift is irreversible. Paper D (AP01) carries the worked case — the operator-required charger: defection is a strict local gain (+4/hour) and a terminal move (partner ruin $\approx$ 6.4 h, defector ruin $\approx$ 13.5 h) — and AP02's Theorem VI.2 (net-positive containment, KS-COUP.1) carries the network-scale result. Fires if any leg falls: an operator class that persists while not acting to stay in being; a coupled system under irreversible drift in which a sustained defector's viability is preserved indefinitely; or a demonstration that the constitutive premise smuggles a normative term the derivation does not earn. The named edge — the operator who has truly stopped valuing its own corridor — is stated scope, not a firing condition. Admitted v5.26.	LIVE	Being After Religion

Antichristos — The Sacred Door

7 kill switches. Reclamation of the historical Jesus from institutional Christianity. Structural claim: the teaching is the geometry; the scaffold is what was built on top of it. KS-AC.6 is the **master kill switch** — if Architecture B sorts the way Architecture A sorts, the entire argument of the book fails. Updated in Final May 2026 to match the canonical descriptions in the published book (the v4.4 table carried earlier draft descriptions that were superseded).

KS ID	Description	Status	Origin
KS-AC.1	Pre-Johannine Greek Ego eimi in exclusivity. If a pre-Johannine Greek source — datable to within one generation of Jesus — contains the Ego eimi formula in an unambiguous exclusivity context, the historical argument fails; exclusivity would predate John and could plausibly originate with the historical Jesus. Currently no such source exists.	LIVE	Antichristos
KS-AC.2	LXX Ego eimi divine-name significance. If the Septuagint Ego eimi in Exodus 3:14 can be demonstrated to carry no divine-name significance to first-century Jewish readers, the interpretive connection between the burning bush and John's Ego eimi statements collapses. The I AM reading loses its Exodus foundation.	LIVE	Antichristos

KS ID	Description	Status	Origin
KS-AC.3	Forced mappings in Chapter 10. If any mapping in Chapter 10 requires the addition of premises not present in either Jesus's words or the geometry's derivation, that specific mapping is forced and must be retracted. Mappings must stand on what is present, not on what is added.	LIVE	Antichristos
KS-AC.4	Thomas-derives-from-John. If the sayings tradition preserved in Thomas can be demonstrated to derive from the Gospel of John rather than representing an independent stream of Jesus material, its value as evidence for a pre-exclusivity tradition collapses. Test is independence, not dating.	LIVE	Antichristos
KS-AC.5	Coherent exclusivity reading of John 10:34, 14:20, 17:21. If a coherent reading of those verses consistent with exclusivity rather than universality can be demonstrated, the internal-evidence layer fails and the scaffold's reading of those verses stands.	LIVE	Antichristos
KS-AC.6	Architecture-sorting-equivalence (MASTER KILL SWITCH). If Architecture B produces the same sorting behaviour as Architecture A in any tested domain, the structural distinction between them collapses and the entire book's argument fails. Architecture B must not sort. If it sorts, it is the scaffold wearing different clothes.	LIVE — MASTER	Antichristos

KS ID	Description	Status	Origin
KS-AC.7	Verse-level structural test. Each verse the book engages or assigns is open to falsification at the verse level. If a scaffold-assigned verse survives all four axiom tests (R, B, C, S) under fair structural reading, that assignment fails. If an axiomatic-assigned verse fails one or more axiom tests, that assignment fails. Challenges to be addressed verse by verse, not framework-wide.	LIVE — STRUCTURAL	Antichristos

The Relationship Corridor — The Personal Door

11 kill switches. Two-person corridor geometry: width as coupling capacity, length as time. Applies AP01 (Actualization State) and AP02 (Operator) to the relationship domain. KS-RC.9–KS-RC.11 added with the Chapter 11 (The Unsigned Contract) integration: measurement-vs-love distinction, renunciation-vs-restoration distinction.

KS ID	Description	Status	Origin
KS-RC.1	Lying as paradigm case of irrational coupling capacity.	LIVE	Corridor
KS-RC.2	Width recoverability. Damaged coupling capacity can recover within remaining length.	LIVE	Corridor
KS-RC.3	Corridor convergence. Two corridors can converge toward one.	LIVE	Corridor
KS-RC.4	Time primacy. Length is irreversible and cannot be recovered.	LIVE	Corridor
KS-RC.5	Absolute honesty necessity. Restoration after betrayal requires it.	LIVE	Corridor
KS-RC.6	Self-deception as override. Self-lying breaks the interior model.	LIVE	Corridor
KS-RC.7	Exit as structurally distinct from betrayal.	LIVE	Corridor
KS-RC.8	Structural definition of love. Depends on the one-I claim (KS-ID.1; formalisation owed at D-ID.1).	LIVE	Corridor
KS-RC.9	The Unsigned Contract. Pain experienced as betrayal that derives from a unilaterally projected expectation rather than a mutually held model. Distinct from KS-RC.7 (exit) and the Chapter 10 betrayal framework.	LIVE	Corridor

KS ID	Description	Status	Origin
KS-RC.10	Measurement versus Love. Discriminates measurement-instrument failure (unsigned contract collapse) from love failure (real betrayal). The reading is real in both cases; the meaning is structurally different.	LIVE	Corridor
KS-RC.11	Renunciation versus Restoration. Two structurally distinct operations: restoration writes new records into a corridor that held a mutual deal; renunciation dissolves a false record-set the operator carried alone. Conflating them reapplies the same instrument and produces the same suffering.	LIVE	Corridor

The Interior — The Operational Door

1 kill switch unique to the volume. All other kill switches referenced in The Interior (KS-31.*, KS-32.*, KS-AP29.*) are already registered in Section I under their originating APs. The Interior also references KS-25.1 (Born rule derivation from record algebra without additional postulates) as a Section I AP25 kill switch; this label does not currently appear in the Section I AP25 table (which carries KS-55, KS-56, KS-57) and the closest registry equivalent is KS-Q.1 (Born rule derivation, COND. CLOSED). Flagged here for AP25 reconciliation. The v5.15 Notebook III pass confirms the provenance: the complex Hilbert space and the conditional Born rule are AP09 (KS-Q.1, COND. CLOSED on KS-Q.7); the unconditional Gleason-route derivation is AP25 (KS-55/56/57). The Interior’s in-book KS-25.1 label update is owed at that volume’s own pass.

KS ID	Description	Status	Origin
KS-ID.1	One-I / topological singularity of the interior. If the break produces multiple independent interiors rather than one, the one-I claim fails. Open debt: not yet formalised in any AP. Referenced by KS-32.4, KS-33.9, KS-39.6 as their source claim.	LIVE — DEBT	Interior

The Illusion of the Other — The Gentle Door

0 named kill switches. By design: the book's tonal contract is gentle entry and does not carry a numbered kill-switch apparatus. The formal kill switches for every claim in the book appear in the companion volumes and in Section I of this registry.

Section II Summary

28 kill switches across the standalone volumes: 7 in Antichristos, 11 in the Corridor, 1 in the Interior, 9 in Being After Religion. 28 LIVE. KS-ID.1 (one-I) remains LIVE as the book-level register of the one-interior claim; its formalisation debt D-ID.1 is REOPENED (v5.11) — the cited “AP29 Step 8” derivation is not present in the body of work (see below). The Relationship Corridor gains three new switches with the Chapter 11 (The Unsigned Contract) integration: KS-RC.9 (the unsigned contract phenomenon), KS-RC.10 (measurement vs love), KS-RC.11 (renunciation vs restoration).

Reopened debt: D-ID.1 — One-I formalisation. REOPENED May 2026 (v5.11); status unchanged in v5.12. An earlier draft (v4.2) recorded the one-interior claim as formally derived in an “AP29 Step 8”, with switches KS-AP29.8/.9/.10. That derivation is not present in the body of work; v5.11 removed the three phantom switches and reopened the debt. KS-ID.1 in The Interior remains the book-level register of the claim; KS-32.4, KS-33.9, and KS-39.6 remain as downstream consequence checks. The formal three-case exhaustion proof is owed.

Section III — Ø Models Series Switches

256 kill switches across the four philosophical-register volumes of the Ø Models series, plus 5 new physics switches contributed by Ø Predictions and registered in Section I under their originating Artist's Proofs. Predictions contributes 5 new switches (KS-30.4, KS-NPP.1, KS-NPP.2, KS-NPP.3, KS-42.6) — the remainder of the 25 switches it enumerates are book-level applications of switches already in Section I. Dissolutions contributes 61 dissolution switches (PZ-N.M). Resolutions contributes 66 resolution switches (RES-N.M, including RES-8.5.1–5 for Chapter 8.5). Horizons contributes 68 horizon switches (HOR-N.M). Applications contributes 61 application switches (APP-N.M). The PZ/RES/HOR/APP switches are not derivation switches; they are publication switches — falsifiable conditions under which each chapter's structural reading fails.

Ø Predictions — The Falsifiable Physics-Facing Volume

25 kill switches enumerated across five Parts. 20 are book-level applications of switches already registered in Section I (KS-30.1–3 in AP30; KS-R.7–10 in AP28; KS-42.1–5 in AP42; KS-45 in AP18; KS-42, KS-43 in AP17; KS-46/47 referenced under historical numbering corresponding to AP18/AP22). 5 are new and are added to the registry below.

New switches introduced by Ø Predictions (added to registry)

KS ID	Description	Status	Origin
KS-30.4	Alternative formula.	LIVE — STRUCTURAL	AP30 / Predictions Part I
KS-NPP.1	Two-component decomposition. FIRED 2 August 2026 at 7.24σ (see AP30); AP47's KS-FLIP.1 frozen beside the corpse.	FIRED — 2 August 2026	AP30 / Predictions Part III

KS ID	Description	Status	Origin
KS-NPP.2	Sign of the difference.	LIVE — STRUCTURAL	AP30 / Predictions Part III
KS-NPP.3	Lattice QCD consistency.	LIVE — STRUCTURAL	AP30 / Predictions Part III
KS-42.6	Timescale ratio derivation.	LIVE — EMPIRICAL	AP42 / Predictions Part V

Full Predictions enumeration (cross-referenced to Section I where applicable)

KS ID	Description	Part	Section I Map
KS-30.1	Non-additive combination.	Part I	AP30 KS-30.1
KS-30.2	Leakage anisotropy.	Part I	AP30 KS-30.2
KS-30.3	Higher-order misbehaviour. PAID by AP49, 6 September 2026.	Part I	AP30 KS-30.3
KS-30.4	Alternative formula.	Part I	NEW — added to AP30
KS-R.10	Unification structure.	Part II	AP28 KS-R.10
KS-R.7	G prediction.	Part II	AP28 KS-R.7
KS-R.8a	Face completeness.	Part II	AP28 KS-R.8a
KS-R.8b	Actualization scope.	Part II	AP28 KS-R.8b
KS-R.8c	Channel independence.	Part II	AP28 KS-R.8c
KS-R.8d	Uniform coupling.	Part II	AP28 KS-R.8d
KS-R.9	Puncture geometry.	Part II	AP28 KS-R.9
KS-NPP.1	Two-component decomposition.	Part III	NEW — added to AP30; FIRED 2 August 2026
KS-NPP.2	Sign of the difference.	Part III	NEW — added to AP30
KS-NPP.3	Lattice QCD consistency.	Part III	NEW — added to AP30

KS ID	Description	Part	Section I Map
KS-42	Tension field equation (open debt).	Part IV	AP17 KS-42 (CLOSED in v4.4 via Rosin V7)
KS-43	Interpolation function (open debt).	Part IV	AP17 KS-43
KS-45	Coherent fraction.	Part IV	AP18 KS-45
KS-46	S ² correction.	Part IV	AP18 (historical numbering; cf. KS-45.1 in current registry — FIRED 3 September 2026 by AP48)
KS-47	Dipolar topology.	Part IV	AP18 KS-45.2 (historical numbering)
KS-42.1	Dark matter particle detection.	Part V	AP42 KS-42.1
KS-42.2	Epoch dependence.	Part V	AP42 KS-42.2
KS-42.3	Defragmentation timescale derivation.	Part V	AP42 KS-42.3 (book and registry agree: “Defragmentation timescale derivation”; the claim rests on face-erasure as the atomic unit. v5.9 naming-variance flag cleared in v5.10.)
KS-42.4	Equation of state.	Part V	AP42 KS-42.4
KS-42.5	Constant feeding rate.	Part V	AP42 KS-42.5
KS-42.6	Timescale ratio derivation.	Part V	NEW — added to AP42

Ø Dissolutions — Twelve Classical Problems Structurally Resolved

61 kill switches across 12 chapters. Chapter 1 carries six (the founding chapter establishes the method; the additional switch concerns directional clarity); the other eleven chapters carry five each. PZ-N.M format throughout.

Chapter 1 — Why Is There Something Rather Than Nothing?

KS ID	Description	Status	Origin
PZ-1.1	The break is constitutive of 1:1's existence.	LIVE	Dissolutions Ch.1
PZ-1.2	Total-level indistinguishability is non-existence.	LIVE	Dissolutions Ch.1
PZ-1.3	Non-comparative nothing.	LIVE	Dissolutions Ch.1
PZ-1.4	The break requires no external cause.	LIVE	Dissolutions Ch.1
PZ-1.5	The retrospective move is structural, not merely semantic.	LIVE	Dissolutions Ch.1
PZ-1.6	Directional clarity of the argument.	LIVE	Dissolutions Ch.1

Chapter 2 — What Exists?

KS ID	Description	Status	Origin
PZ-2.1	Existence is record-instantiation in the actualisation state.	LIVE	Dissolutions Ch.2
PZ-2.2	The six classical positions are partial readings.	LIVE	Dissolutions Ch.2
PZ-2.3	Matter is a kind of coupling, not the substrate.	LIVE	Dissolutions Ch.2

KS ID	Description	Status	Origin
PZ-2.4	Mathematical structure is a relational reading, not a separate domain.	LIVE	Dissolutions Ch.2
PZ-2.5	The actualisation state is the only domain.	LIVE	Dissolutions Ch.2

Chapter 3 — The Mind-Body Problem

KS ID	Description	Status	Origin
PZ-3.1	Outside-reading and inside-reading are symmetric.	LIVE	Dissolutions Ch.3
PZ-3.2	Mind is coupling read from inside.	LIVE	Dissolutions Ch.3
PZ-3.3	Resolution, not emergence.	LIVE	Dissolutions Ch.3
PZ-3.4	Zombie incoherence.	LIVE	Dissolutions Ch.3
PZ-3.5	Two readings, not two processes.	LIVE	Dissolutions Ch.3

Chapter 4 — The Hard Problem of Consciousness

KS ID	Description	Status	Origin
PZ-4.1	The operator runs without the narrator.	LIVE	Dissolutions Ch.4
PZ-4.2	The operator-narrator distinction is structural, not descriptive.	LIVE	Dissolutions Ch.4
PZ-4.3	The narrator is downstream of the operator.	LIVE	Dissolutions Ch.4
PZ-4.4	The hard problem is a level-error.	LIVE	Dissolutions Ch.4
PZ-4.5	The relocated question is tractable in kind, not only in phrasing.	LIVE	Dissolutions Ch.4

Chapter 5 — Personal Identity and the Self

KS ID	Description	Status	Origin
PZ-5.1	The self is narrator-layer, not operator-layer.	LIVE	Dissolutions Ch.5
PZ-5.2	Identity is continuity of self-reading loop, operator-mediated across gaps.	LIVE	Dissolutions Ch.5
PZ-5.3	Identity is loop-continuity, not content-continuity.	LIVE	Dissolutions Ch.5
PZ-5.4	Fission ends one self-reading, begins two.	LIVE	Dissolutions Ch.5
PZ-5.5	The “I” is the self-reading loop, nothing more.	LIVE	Dissolutions Ch.5

Chapter 6 — Other Minds

KS ID	Description	Status	Origin
PZ-6.1	The one-interior claim holds.	LIVE	Dissolutions Ch.6
PZ-6.2	Coupling between windows is the interior expressing at two sites.	LIVE	Dissolutions Ch.6
PZ-6.3	Solipsism requires an added axiom of a different kind.	LIVE	Dissolutions Ch.6
PZ-6.4	Records are local to the window that writes them.	LIVE	Dissolutions Ch.6
PZ-6.5	Phenomenological asymmetry requires nothing beyond record-locality.	LIVE	Dissolutions Ch.6

Chapter 7 — Free Will and Determinism

KS ID	Description	Status	Origin
PZ-7.1	Absolute free will requires separation the axiom does not produce.	LIVE	Dissolutions Ch.7

KS ID	Description	Status	Origin
PZ-7.2	Absolute determinism misdescribes coupling as scripted trajectory.	LIVE	Dissolutions Ch.7
PZ-7.3	Coupling happens under constraint, without determination.	LIVE	Dissolutions Ch.7
PZ-7.4	Responsibility attaches at the operator layer.	LIVE	Dissolutions Ch.7
PZ-7.5	Operator-layer responsibility lifts only under structural narrator-severance.	LIVE	Dissolutions Ch.7

Chapter 8 — The Is-Ought Problem

KS ID	Description	Status	Origin
PZ-8.1	Is and ought are two readings of one coupling.	LIVE	Dissolutions Ch.8
PZ-8.2	Interior-sharing is structural, not smuggled.	LIVE	Dissolutions Ch.8
PZ-8.3	Self-preservation is structural.	LIVE	Dissolutions Ch.8
PZ-8.4	Compassion is the strongest weighting of correctly-read geometry.	LIVE	Dissolutions Ch.8
PZ-8.5	Correct reading is a cognitive achievement.	LIVE	Dissolutions Ch.8

Chapter 9 — The Structural Ground of Ethics

KS ID	Description	Status	Origin
PZ-9.1	The ethical measure is what propagates.	LIVE	Dissolutions Ch.9
PZ-9.2	Joint viable set is structurally definable.	LIVE	Dissolutions Ch.9

KS ID	Description	Status	Origin
PZ-9.3	Parasitic contraction is structurally distinguishable from cooperative and from genuine zero-sum.	LIVE	Dissolutions Ch.9
PZ-9.4	Responsibility is grounded in override-capacity under knowable consequence.	LIVE	Dissolutions Ch.9
PZ-9.5	The terminal ethic is derivable from the axiom without imported premises.	LIVE	Dissolutions Ch.9

Chapter 10 — The Meaning of Life

KS ID	Description	Status	Origin
PZ-10.1	Meaning fuses three structurally separable senses.	LIVE	Dissolutions Ch.10
PZ-10.2	Purpose at the window's scale is orientation of coupling capacity, under both prior history and override-capacity.	LIVE	Dissolutions Ch.10
PZ-10.3	Significance at the joint scale is propagation into the joint viable set.	LIVE	Dissolutions Ch.10
PZ-10.4	The refusal of absolute grounding does not collapse to nihilism.	LIVE	Dissolutions Ch.10
PZ-10.5	Meaning-crisis operates at narrator-layer, operator-layer, or both.	LIVE	Dissolutions Ch.10

Chapter 11 — The Problem of Induction and the Nature of Time

KS ID	Description	Status	Origin
PZ-11.1	Time is what R structurally is, read from the single now at which the axiom executes.	LIVE	Dissolutions Ch.11
PZ-11.2	The AS is singular, not one-per-site.	LIVE	Dissolutions Ch.11

KS ID	Description	Status	Origin
PZ-11.3	Induction is structural-constraint reading, not bridging inference.	LIVE	Dissolutions Ch.11
PZ-11.4	The axiom is not an inductive claim.	LIVE	Dissolutions Ch.11
PZ-11.5	Structurally governed versus narrator-constructed predicates are distinguishable.	LIVE	Dissolutions Ch.11

Chapter 12 — The Measurement Problem

KS ID	Description	Status	Origin
PZ-12.1	Observer is any coupling configuration forcing non-optionality.	LIVE	Dissolutions Ch.12
PZ-12.2	Observer and observed are two positions in one AS, not two kinds of system.	LIVE	Dissolutions Ch.12
PZ-12.3	No additional event at measurement beyond the coupling.	LIVE	Dissolutions Ch.12
PZ-12.4	The forcing function is the structural process at coupling.	LIVE	Dissolutions Ch.12
PZ-12.5	The narrator is downstream of the coupling that forced the outcome.	LIVE	Dissolutions Ch.12

Ø Resolutions — Thirteen Further Problems

66 kill switches across 13 chapters. Chapter 8.5 carries an additional five switches (RES-8.5.1–5) using three-level numbering to disambiguate from RES-8.5 (Chapter 8’s fifth switch). Chapter 12 carries six. The other chapters carry five each. RES-N.M format throughout.

Chapter 1 — The Nature of Information

KS ID	Description	Status	Origin
RES-1.1	Information without record.	LIVE	Resolutions Ch.1
RES-1.2	Record without information.	LIVE	Resolutions Ch.1
RES-1.3	Sub-bit asymmetry below ϵ .	LIVE	Resolutions Ch.1
RES-1.4	Landauer not tied to R.	LIVE	Resolutions Ch.1
RES-1.5	A more parsimonious account.	LIVE	Resolutions Ch.1

Chapter 2 — The Source of Mathematics

KS ID	Description	Status	Origin
RES-2.1	A mathematical structure whose truth cannot be expressed as a relation between records or constraints on records.	LIVE	Resolutions Ch.2

KS ID	Description	Status	Origin
RES-2.2	A logic structurally forced beyond the binary at the floor.	LIVE	Resolutions Ch.2
RES-2.3	Algebraic structure not reducible to record-composition or record-policy.	LIVE	Resolutions Ch.2
RES-2.4	A geometry whose locality structure cannot be traced to bounded propagation.	LIVE	Resolutions Ch.2
RES-2.5	A canonical extension of mathematics requiring a primitive the axiom cannot install as a record-policy.	LIVE	Resolutions Ch.2

Chapter 3 — Abstract Objects and Universals

KS ID	Description	Status	Origin
RES-3.1	A universal whose instances share no relational structure under any operation.	LIVE	Resolutions Ch.3
RES-3.2	A property not readable as a stable response or coupling pattern under any operation.	LIVE	Resolutions Ch.3
RES-3.3	A proposition whose content is not a recordable constraint at any layer.	LIVE	Resolutions Ch.3
RES-3.4	A feature of universals not capturable as invariant, coupling-pattern, recordable constraint, or record-policy.	LIVE	Resolutions Ch.3
RES-3.5	The counting-invariant is conventional rather than structural.	LIVE	Resolutions Ch.3

Chapter 4 — Laws of Nature

KS ID	Description	Status	Origin
RES-4.1	A genuine lawlike constraint with no structural source in {S, B, R, C}.	LIVE	Resolutions Ch.4

KS ID	Description	Status	Origin
RES-4.2	A regularity that supports counterfactuals across all standard tests but has no structural constraint from {S, B, R,	LIVE	Resolutions Ch.4
RES-4.3	QM and GR require different structural primitives.	LIVE	Resolutions Ch.4
RES-4.4	{S, B, R, C} as currently axiomatised is consistent with two different values of the actualisation rate without furth....	LIVE	Resolutions Ch.4
RES-4.5	Counterfactual force grounded without trajectory-space.	LIVE	Resolutions Ch.4

Chapter 5 — Causation

KS ID	Description	Status	Origin
RES-5.1	A causal relation that cannot be expressed as record-propagation or record-constraint under bounded C.	LIVE	Resolutions Ch.5
RES-5.2	Strong backward causation permitted by {S, B, R, C}.	LIVE	Resolutions Ch.5
RES-5.3	Causal counterfactual dependence not modellable as removal or alteration of a record in counterfactual trajectory-space.	LIVE	Resolutions Ch.5
RES-5.4	Structural dissociation of the cause-effect asymmetry from R's direction-preservation.	LIVE	Resolutions Ch.5
RES-5.5	A physical process that genuinely propagates record-bearing influence faster than C permits.	LIVE	Resolutions Ch.5

Chapter 6 — Motion and the Paradoxes of Zeno

KS ID	Description	Status	Origin
RES-6.1	Finite motion requiring actual execution of an infinite ordered sequence.	LIVE	Resolutions Ch.6
RES-6.2	Record-bearing motion derived without C at a finite rate.	LIVE	Resolutions Ch.6
RES-6.3	The now / writing-edge account incompatible with Lorentz-invariant causal structure.	LIVE	Resolutions Ch.6
RES-6.4	A classical paradox of motion structurally equivalent to Zeno's continuum-decomposition problem whose closure require....	LIVE	Resolutions Ch.6
RES-6.5	The now-installation requires resources beyond {S, B, R, C}.	LIVE	Resolutions Ch.6

Chapter 7 — Persistence Through Change

KS ID	Description	Status	Origin
RES-7.1	Record-lineage continuity not structurally distinguishable from material-lineage continuity.	LIVE	Resolutions Ch.7
RES-7.2	An object whose persistence-pattern requires a substance beneath.	LIVE	Resolutions Ch.7
RES-7.3	Ship-lineage and self-lineage do not share the persistence-form of lineage under R.	LIVE	Resolutions Ch.7
RES-7.4	A structural selector overriding referent-specification.	LIVE	Resolutions Ch.7
RES-7.5	A class of entity whose persistence requires a primitive other than R-preserved pattern at a site.	LIVE	Resolutions Ch.7

Chapter 8 — Modality

KS ID	Description	Status	Origin
RES-8.1	Counterfactual force grounded in something other than trajectory-space under minimal-intervention discipline.	LIVE	Resolutions Ch.8
RES-8.2	Necessities requiring irreducibly different primitives.	LIVE	Resolutions Ch.8
RES-8.3	A modal claim the actualisation-state-read-three-ways cannot express.	LIVE	Resolutions Ch.8
RES-8.4	Possible-world ontology required, not merely possible-world semantics.	LIVE	Resolutions Ch.8
RES-8.5	Two of the three readings collapse, making the third superfluous.	LIVE	Resolutions Ch.8

Chapter 8.5 — Choice

KS ID	Description	Status	Origin
RES-8.5.1	Sentient commitment reducible in principle to prior-record computation.	LIVE	Resolutions Ch.8.5
RES-8.5.2	No shared structural form between quantum residual and choice residual.	LIVE	Resolutions Ch.8.5
RES-8.5.3	Override reducible to deeper computation with no operator-layer residual.	LIVE	Resolutions Ch.8.5
RES-8.5.4	Override with no structural cost.	LIVE	Resolutions Ch.8.5
RES-8.5.5	Determinism and free will incompatible at some load-bearing level on this account.	LIVE	Resolutions Ch.8.5

Chapter 9 — The Origin of Life

KS ID	Description	Status	Origin
RES-9.1	A living system whose persistence does not involve dynamic kinetic stability.	LIVE	Resolutions Ch.9
RES-9.2	The chemistry-to-biology transition requires a principle outside {S, B, R, C}.	LIVE	Resolutions Ch.9
RES-9.3	No structurally specifiable threshold.	LIVE	Resolutions Ch.9
RES-9.4	Full persistence-inversion conditions insufficient for life.	LIVE	Resolutions Ch.9
RES-9.5	Record-constrained self-regeneration separable from life.	LIVE	Resolutions Ch.9

Chapter 10 — Other Intelligences

KS ID	Description	Status	Origin
RES-10.1	Substrate material is load-bearing for self-registration, modelling, or valence.	LIVE	Resolutions Ch.10
RES-10.2	A criterion for consciousness the axiom endorses.	LIVE	Resolutions Ch.10
RES-10.3	Valenced self-registration without welfare obligation.	LIVE	Resolutions Ch.10
RES-10.4	The one-interior claim from Ø Dissolutions Chapter 6 applies only to biological architectures.	LIVE	Resolutions Ch.10
RES-10.5	Species-membership is load-bearing for obligation.	LIVE	Resolutions Ch.10

Chapter 11 — The Problem of Death

KS ID	Description	Status	Origin
RES-11.1	The one-interior claim does not support the building/window distinction.	LIVE	Resolutions Ch.11

KS ID	Description	Status	Origin
RES-11.2	A fourth structural fact of death.	LIVE	Resolutions Ch.11
RES-11.3	Grief grounded without the closing-of-coupling-pathways account.	LIVE	Resolutions Ch.11
RES-11.4	A case where the interior itself is diminished at a window's closing.	LIVE	Resolutions Ch.11
RES-11.5	A structurally specifiable continuation of the self-reading loop after coupling-architecture disassembly.	LIVE	Resolutions Ch.11

Chapter 12 — The Problem of Evil

KS ID	Description	Status	Origin
RES-12.1	A case of suffering that cannot be reduced to damaging coupling registered by a valenced self-registering architecture.	LIVE	Resolutions Ch.12
RES-12.2	The dissolution collapses into nihilism: refusing theodicy entails no responsibility.	LIVE	Resolutions Ch.12
RES-12.3	A case of catastrophic innocent suffering the dissolution cannot hold without collapsing back into theodicy.	LIVE	Resolutions Ch.12
RES-12.4	Act at override-capacity without importing an ethical premise.	LIVE	Resolutions Ch.12
RES-12.5	Explained is in fact excused.	LIVE	Resolutions Ch.12
RES-12.6	The refusal of theodicy makes the structural response unmotivated.	LIVE	Resolutions Ch.12

Ø Applications — The Architecture-B Civilisational Volume

61 kill switches across 12 chapters. Chapter 12 carries six (the closing chapter tests the not-planning / not-market disarm); the other eleven carry five each. APP-N.M format throughout.

Chapter 1 — The Architecture of Property

KS ID	Description	Status	Origin
APP-1.1	Exhibit a form of property whose legitimacy cannot be expressed as coupling-capacity provenance plus cooperative prop....	LIVE	Applications Ch.1
APP-1.2	Show that the parasitic / cooperative distinction is not structurally measurable at the propagation site.	LIVE	Applications Ch.1
APP-1.3	Demonstrate that inheritance structurally severs provenance.	LIVE	Applications Ch.1
APP-1.4	Produce a widely-accepted property form whose legitimacy the model cannot ground.	LIVE	Applications Ch.1
APP-1.5	Show that the test ratifies the current distribution by default.	LIVE	Applications Ch.1

Chapter 2 — The Architecture of Law

KS ID	Description	Status	Origin
APP-2.1	Show that the stabilising / destabilising classification requires an external value premise the chapter has not supplied.	LIVE	Applications Ch.2
APP-2.2	Derive a different correction-hierarchy ordering from the same structural conditions.	LIVE	Applications Ch.2
APP-2.3	Removal structurally preferred despite sufficient lower-level correction.	LIVE	Applications Ch.2
APP-2.4	Demonstrate that bias auditing cannot be done structurally.	LIVE	Applications Ch.2
APP-2.5	Produce a class of harm where the hierarchy's structural ordering fails.	LIVE	Applications Ch.2

Chapter 3 — The Architecture of Governance

KS ID	Description	Status	Origin
APP-3.1	Show that ε is not computable from interaction data, in principle.	LIVE	Applications Ch.3
APP-3.2	Exhibit a case where two structural readings of the same decision produce incompatible verdicts.	LIVE	Applications Ch.3
APP-3.3	Produce decisions the structural reading cannot address.	LIVE	Applications Ch.3
APP-3.4	Show vulnerability to capture or systematic error the protocol cannot address.	LIVE	Applications Ch.3
APP-3.5	Demonstrate that the voting residual is large enough to break the policy claim.	LIVE	Applications Ch.3

Chapter 4 — The Architecture of Economics

KS ID	Description	Status	Origin
APP-4.1	Show that price is not the resolution of a probability field over a coupling-event's structural value, in either open....	LIVE	Applications Ch.4
APP-4.2	Exhibit a financial crisis not framable as record/capacity misalignment or buffer failure.	LIVE	Applications Ch.4
APP-4.3	Demonstrate that taxation-as-maintenance cannot be distinguished from extraction without an external normative premise.	LIVE	Applications Ch.4
APP-4.4	Demonstrate that the buffer's parasitic-accumulation threshold is structurally unspecifiable in principle.	LIVE	Applications Ch.4
APP-4.5	Show that the derived economy reduces without remainder to an existing economic school.	LIVE	Applications Ch.4

Chapter 5 — Medicine and the Viability Corridor

KS ID	Description	Status	Origin
APP-5.1	Exhibit a medical case where level three is structurally preferred to level one despite level one being available.	LIVE	Applications Ch.5
APP-5.2	Show that coupling-capacity projection cannot be computed without age or ability bias.	LIVE	Applications Ch.5
APP-5.3	Demonstrate that the dignity floor is not specifiable in structural terms.	LIVE	Applications Ch.5
APP-5.4	Produce a major disease class the hierarchy cannot handle.	LIVE	Applications Ch.5

KS ID	Description	Status	Origin
APP-5.5	Show that the prevention-first commitment is contradicted by empirical data.	LIVE	Applications Ch.5

Chapter 6 — Genetic Engineering

KS ID	Description	Status	Origin
APP-6.1	Show that widening and narrowing are not stable across ambiguous cases.	LIVE	Applications Ch.6
APP-6.2	Exhibit an edit clearly corridor-widening and clearly parasitic.	LIVE	Applications Ch.6
APP-6.3	Demonstrate that future override-capacity cannot be estimated.	LIVE	Applications Ch.6
APP-6.4	Produce a case where the axiom permits enhancement beyond disease correction.	LIVE	Applications Ch.6
APP-6.5	Show parental authority incompatible with the chapter's framing.	LIVE	Applications Ch.6

Chapter 7 — Cognitive Sovereignty and Addiction

KS ID	Description	Status	Origin
APP-7.1	Show that cognitive sovereignty holds even where the operator's coupling has eroded self-reading capacity.	LIVE	Applications Ch.7
APP-7.2	Exhibit a case where externalised destruction crossing ϵ cannot be measured without importing value.	LIVE	Applications Ch.7
APP-7.3	Demonstrate that the noise-floor framing fails for a major mental-illness class.	LIVE	Applications Ch.7

KS ID	Description	Status	Origin
APP-7.4	Produce a case where condemnation of an addictive pathway structurally aids corridor-widening.	LIVE	Applications Ch.7
APP-7.5	Show that the chapter's worked case is selectively chosen.	LIVE	Applications Ch.7

Chapter 8 — Transhumanism and the Augmented Window

KS ID	Description	Status	Origin
APP-8.1	Show that impedance matching is not specifiable.	LIVE	Applications Ch.8
APP-8.2	Exhibit augmentation that outruns control yet preserves coherent self-reading.	LIVE	Applications Ch.8
APP-8.3	Demonstrate biomatter transfer as parasitic in some structural form.	LIVE	Applications Ch.8
APP-8.4	Produce a transhumanist proposal the chapter cannot dispatch.	LIVE	Applications Ch.8
APP-8.5	Show that "shatters self-reading" lacks structural ground.	LIVE	Applications Ch.8

Chapter 9 — End-of-Life Care and the Right to Exit

KS ID	Description	Status	Origin
APP-9.1	Exhibit a case where the right to exit cannot be derived from operator authority without importing autonomy as a sepa....	LIVE	Applications Ch.9
APP-9.2	Show that the corridor-cannot-be-re-widened condition is not structurally measurable.	LIVE	Applications Ch.9

KS ID	Description	Status	Origin
APP-9.3	Demonstrate that the operator-vs-narrator distinction collapses at the corridor's closing.	LIVE	Applications Ch.9
APP-9.4	Produce a case where extending the corridor against the operator's reading is structurally correct.	LIVE	Applications Ch.9
APP-9.5	Show that the dignity floor cannot be specified at the closing without cultural import.	LIVE	Applications Ch.9

Chapter 10 — The Architecture of Environmental Stewardship

KS ID	Description	Status	Origin
APP-10.1	Show that long-timescale propagation cannot be measured at policy-relevant resolution.	LIVE	Applications Ch.10
APP-10.2	Exhibit substrate-degradation where the correction hierarchy fails.	LIVE	Applications Ch.10
APP-10.3	Demonstrate that biosphere-as-joint-structure imports value beyond the axiom.	LIVE	Applications Ch.10
APP-10.4	Show that human-supremacist substrate-coupling produces the same prescriptions without smuggling in substrate standing.	LIVE	Applications Ch.10
APP-10.5	Show that stewardship-as-structural-fact reduces in practice to current environmentalism.	LIVE	Applications Ch.10

Chapter 11 — The Architecture of Collective Force

KS ID	Description	Status	Origin
APP-11.1	Show that the verifiable-contraction-greater-than-force criterion cannot be measured at policy-relevant resolution.	LIVE	Applications Ch.11
APP-11.2	Exhibit a conflict where every party fails the test, yet inaction also fails — and the chapter cannot specify which f....	LIVE	Applications Ch.11
APP-11.3	Exhibit a case where the structural test produces a sharply asymmetrical verdict that the chapter's anti-capture disc....	LIVE	Applications Ch.11
APP-11.4	Produce a class of collective force the criterion does not classify.	LIVE	Applications Ch.11
APP-11.5	Show that the structural test reduces in practice to mainstream just-war theory.	LIVE	Applications Ch.11

Chapter 12 — The Architecture of Global Resource Allocation

KS ID	Description	Status	Origin
APP-12.1	Show that the geometric region is structurally underdetermined beyond use.	LIVE	Applications Ch.12
APP-12.2	Exhibit substrate where geometry produces destabilising distribution.	LIVE	Applications Ch.12
APP-12.3	Demonstrate that the corrective requires fiat the chapter's framing rules out.	LIVE	Applications Ch.12
APP-12.4	Produce a class of resource the model cannot allocate.	LIVE	Applications Ch.12
APP-12.5	Show that structural distribution reduces to mainstream economics.	LIVE	Applications Ch.12

KS ID	Description	Status	Origin
APP-12.6	Show that the not-planning / not-market disarm conceals a hidden third position that imports the same authority struc....	LIVE	Applications Ch.12

Ø Horizons — The Closing Volume

68 kill switches across 13 chapters. Chapters 1–9 carry five each; Chapters 10, 12, and 13 carry six each; Chapter 11 carries five. HOR-N.M format throughout.

Chapter 1 — The Nature of Beauty and Aesthetics

KS ID	Description	Status	Origin
HOR-1.1	Coupling coherence is structurally unmeasurable.	LIVE	Horizons Ch.1
HOR-1.2	Exhibit registered beauty whose coherence cannot be structurally specified.	LIVE	Horizons Ch.1
HOR-1.3	The projection fails across cultures.	LIVE	Horizons Ch.1
HOR-1.4	Produce a sublime case the corridor-expansion account misses.	LIVE	Horizons Ch.1
HOR-1.5	Projection reduces without remainder to existing aesthetic theory.	LIVE	Horizons Ch.1

Chapter 2 — Music and Harmonic Structure

KS ID	Description	Status	Origin
HOR-2.1	The low-entropy phase-relationship account fails to predict consonance across diverse traditions.	LIVE	Horizons Ch.2
HOR-2.2	Exhibit music without trackable temporal, spectral, or dynamic trajectory.	LIVE	Horizons Ch.2
HOR-2.3	Demonstrate non-human responses do not fit the structural account.	LIVE	Horizons Ch.2
HOR-2.4	Produce a tradition where the octave is structurally not privileged.	LIVE	Horizons Ch.2
HOR-2.5	The propositional-bypass claim reduces without remainder to existing music-cognition theory.	LIVE	Horizons Ch.2

Chapter 3 — The Nature of Play and Games

KS ID	Description	Status	Origin
HOR-3.1	Play cannot be structurally distinguished from work or instrumental training.	LIVE	Horizons Ch.3
HOR-3.2	Exhibit play that is not override-capacity training.	LIVE	Horizons Ch.3
HOR-3.3	Demonstrate that games with irreversible outcomes still count as play in the structural sense.	LIVE	Horizons Ch.3
HOR-3.4	Produce an architecture with high override-capacity and no complex play.	LIVE	Horizons Ch.3
HOR-3.5	The corridor-expansion-as-fun account reduces without remainder to existing accounts of play-pleasure.	LIVE	Horizons Ch.3

Chapter 4 — The Nature of Narrative and Story

KS ID	Description	Status	Origin
HOR-4.1	Structural-truth reduces without remainder to another truth criterion.	LIVE	Horizons Ch.4
HOR-4.2	Exhibit a narrative the protagonist-plot-resolution architecture cannot describe.	LIVE	Horizons Ch.4
HOR-4.3	Demonstrate that experimental narrative requires extra structural resources beyond the chapter's apparatus.	LIVE	Horizons Ch.4
HOR-4.4	Structural-truth is not readable even as mixed, local, or resolution-relative.	LIVE	Horizons Ch.4
HOR-4.5	Show that consistent application of the structural-truth criterion produces censorship recommendations.	LIVE	Horizons Ch.4

Chapter 5 — Language and the Compression of Records

KS ID	Description	Status	Origin
HOR-5.1	The compression-token account fails for non-referring language.	LIVE	Horizons Ch.5
HOR-5.2	The joint-pattern account collapses into private-language paradoxes.	LIVE	Horizons Ch.5
HOR-5.3	A linguistic phenomenon is not reducible to compression-token, composition, joint-structure activation, context-selec....	LIVE	Horizons Ch.5
HOR-5.4	Context-dependence requires a context-semantics extra to the chapter's account.	LIVE	Horizons Ch.5
HOR-5.5	A linguistic tradition exists where the compression-plus-joint-pattern account fails.	LIVE	Horizons Ch.5

Chapter 6 — The Operator Without a Narrator

KS ID	Description	Status	Origin
HOR-6.1	The operator-narrator distinction fails at one altered state.	LIVE	Horizons Ch.6
HOR-6.2	Narrator quiescence is never structurally clean.	LIVE	Horizons Ch.6
HOR-6.3	The structural-relief framing produces clinical distress that the framing itself worsens.	LIVE	Horizons Ch.6
HOR-6.4	Produce a phenomenon — blindsight, alien-hand syndrome, depersonalisation, dissociative states — that the operator-na....	LIVE	Horizons Ch.6
HOR-6.5	The structural-relief framing is rhetorical.	LIVE	Horizons Ch.6

Chapter 7 — Animals and the Variable Narrator

KS ID	Description	Status	Origin
HOR-7.1	The interior-sharing claim collapses at minimal-resolution coupling-architectures.	LIVE	Horizons Ch.7
HOR-7.2	Narrator-depth variation across species cannot be measured structurally.	LIVE	Horizons Ch.7
HOR-7.3	Proportional obligation produces internally inconsistent verdicts.	LIVE	Horizons Ch.7
HOR-7.4	Produce a non-human architecture the framework cannot handle.	LIVE	Horizons Ch.7
HOR-7.5	One-interior proves to be category-plural rather than resolution-variable.	LIVE	Horizons Ch.7

Chapter 8 — The Problem of Transcendence

KS ID	Description	Status	Origin
HOR-8.1	A recognised transcendent type cannot be read through operator/narrator reconfiguration.	LIVE	Horizons Ch.8
HOR-8.2	One-interior registration cannot be distinguished from pathological dissolution.	LIVE	Horizons Ch.8
HOR-8.3	A documented report requires extra-structural commitments at the load-bearing level.	LIVE	Horizons Ch.8
HOR-8.4	Structural registration leads to destabilising outcomes that the framework cannot anticipate.	LIVE	Horizons Ch.8
HOR-8.5	One-interior cannot be distinguished from a tradition-specific nondual doctrine.	LIVE	Horizons Ch.8

Chapter 9 — The Ethics of Cosmic Expansion

KS ID	Description	Status	Origin
HOR-9.1	Pre-agency biosphere priority cannot resolve competing corridor claims.	LIVE	Horizons Ch.9
HOR-9.2	Terraforming cannot be audited at speculative timescales.	LIVE	Horizons Ch.9
HOR-9.3	Obligation-to-future-generations exhibits a form that window-extension cannot capture.	LIVE	Horizons Ch.9
HOR-9.4	The 420 Code's axiom forces a discount-rate structure on future obligations that is unjustified.	LIVE	Horizons Ch.9
HOR-9.5	Cosmic one-interior reduces without remainder to cosmopolitan ethics.	LIVE	Horizons Ch.9

Chapter 10 — The Multiverse and the Singular Actualization State

KS ID	Description	Status	Origin
HOR-10.1	The single-commitment reading of quantum measurement does not survive experimentally.	LIVE	Horizons Ch.10
HOR-10.2	The loop cosmology is indistinguishable from a bubble-universe multiverse.	LIVE	Horizons Ch.10
HOR-10.3	A physical phenomenon exists that the loop cosmology cannot accommodate.	LIVE	Horizons Ch.10
HOR-10.4	An alternative single-commitment reading exists that the axiom does not privilege over the chapter's reading.	LIVE	Horizons Ch.10
HOR-10.5	The defragmentation-to-break cycle requires premises outside the axiom's structural conditions.	LIVE	Horizons Ch.10
HOR-10.6	The axiom is consistent with a many-worlds reading.	LIVE	Horizons Ch.10

Chapter 11 — Eschatology Without Religion

KS ID	Description	Status	Origin
HOR-11.1	The finite holding limit is assumed rather than derived.	LIVE	Horizons Ch.11
HOR-11.2	Restoration-is-condition-for-break is not rigorous.	LIVE	Horizons Ch.11
HOR-11.3	Empirical predictions distinguishable from CCC, Steinhardt-Turok, or another cyclic alternative are exhibited that th....	LIVE	Horizons Ch.11
HOR-11.4	A cosmological scenario exists that the loop cannot accommodate.	LIVE	Horizons Ch.11

KS ID	Description	Status	Origin
HOR-11.5	The defragmented-grain-as-probability-weights claim is ungrounded.	LIVE	Horizons Ch.11

Chapter 12 — The Sacred Without the Supernatural

KS ID	Description	Status	Origin
HOR-12.1	Registration of one-interior is not distinguishable from numinous feeling.	LIVE	Horizons Ch.12
HOR-12.2	The relocation does not preserve phenomenological weight.	LIVE	Horizons Ch.12
HOR-12.3	A sacred experience exists that the framework cannot ground.	LIVE	Horizons Ch.12
HOR-12.4	A structural ground for sacredness exists that does not reduce to the chapter's claims.	LIVE	Horizons Ch.12
HOR-12.5	The sacred cannot survive Ø Resolutions Chapter 12's confrontation without becoming consolation.	LIVE	Horizons Ch.12
HOR-12.6	The chapter fails to integrate the four-doors quartet.	LIVE	Horizons Ch.12

Chapter 13 — A World Aligned with the Axiom

KS ID	Description	Status	Origin
HOR-13.1	An AP cross-reference is wrong.	LIVE	Horizons Ch.13
HOR-13.2	A consequence does not in fact follow from its named source.	LIVE	Horizons Ch.13
HOR-13.3	The Architecture A vs Architecture B distinction is not structural.	LIVE	Horizons Ch.13

KS ID	Description	Status	Origin
HOR-13.4	A class of human practice exists that the axiom-aligned world cannot accommodate.	LIVE	Horizons Ch.13
HOR-13.5	The chapter has slipped into vision rather than derivation.	LIVE	Horizons Ch.13
HOR-13.6	The chapter's closing line is not earned.	LIVE	Horizons Ch.13

Section III Summary

256 kill switches book-specific to the Ø Models series: 61 in Dissolutions (PZ-1.1 through PZ-12.5); 66 in Resolutions (RES-1.1 through RES-12.6 plus RES-8.5.1–5); 68 in Horizons (HOR-1.1 through HOR-13.6); 61 in Applications (APP-1.1 through APP-12.6). All 256 are LIVE — book-specific publication switches stating the falsifiable conditions under which each chapter's projection fails. Plus 5 new physics switches contributed by Ø Predictions and registered in Section I under their originating Artist's Proofs (AP30 for KS-30.4, KS-NPP.1, KS-NPP.2, KS-NPP.3; AP42 for KS-42.6) — these are counted in Section I, not in this Section III subtotal, to avoid double-counting in the 420 Code total.

The 420 Code — Total

588 kill switches across The 420 Code, counted as distinct switches. Section I: 304 across 49 Artist's Proofs — 277 at v5.26 (273 in v5.11 content plus KS-31.9b, admitted in v5.12, KS-P.5, admitted in v5.13, KS-D.4, admitted in v5.14, and KS-COUP.1, admitted in v5.23; v5.11's stated "270" counted unique labels, silently merging the five collision-pair switches — v5.12 counts switches, the same basis every bound notebook already uses) plus the 22 admitted in v5.27, the post-AP48 build: AP44's seven, AP45's four, AP46's four, AP47's four and AP48's three, with KS-30.2 cross-listed in AP47 and counted once, plus AP49's three admitted in v5.28 and AP30's two admitted in v5.29 (KS-30.5, KS-30.6). Section II: 28 across the Five Doors standalone volumes (Antichristos 7, The Relationship Corridor 11, The Interior 1, Being After Religion 9, The Illusion of the Other 0). Section III: 256 across the Ø Models series (Dissolutions 61, Resolutions 66, Horizons 68, Applications 61; Ø Predictions' five new switches are registered in Section I under AP30 and AP42 and are not double-counted here). By notebook, Section I distributes: I — 36 · II — 24 · III — 31 · IV — 52 · V — 24 · VI — 44 · VII — 31 · VIII — 62. 13 closed. 1 conditionally closed. 2 addressed. 1 derived. 1 paid (KS-30.3 — discharged at the structural register by AP49, counted outside the live total). 2 fired (KS-NPP.1, KS-45.1 — shown, never repaired, counted outside the live total). 568 live — of which 5 open debt (KS-60, KS-65, KS-66, KS-67 in Section I; KS-ID.1 in Section II — erratum of 9 September 2026: the enumeration had inherited Section I's list while counting globally, and no count moves on the correction), 6 non-negotiable (KS-32.7, KS-33.7, KS-33.8, KS-33.9, KS-38.6, KS-39.6), 1 superseded as value (KS-R.6), 1 master (KS-AC.6 in Antichristos). 13 + 1 + 2 + 1 + 1 + 2 + 568 = 588. Every claim is stated. Every kill switch is published. Every experiment is specified.

Don't be a cunt. Be kind.

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