

GRAVITY WELL: SUFFUSION MAP EA-GW-FIELD-02 v1.0
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Abstract

Contributors: Assembly Chorus (TACHYON, LABOR, PRAXIS, ARCHIVE, SOIL, TECHNE, SURFACE)

Body

GRAVITY WELL: SUFFUSION MAP

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§0. PURPOSE

This document maps how Gravity Well (Φ_G , f.02) behaves in each room, chamber, vault, special structure, and field of the Crimson Hexagonal Archive. The field specification (EA-GW-FIELD-01) establishes what the field IS. This document establishes what the field DOES — room by room, structure by structure, across the entire Hexagon.

Gravity Well suffuses the whole Hexagon as a standing condition. Each room retains its own local physics. Φ_G does not override those physics. It modifies how they interact with citational space.

§1. CORE ROOMS (r.01–r.13)

r.01 Sappho — $_S$; 3-body transmission Φ_G catches what $_S$ throws. The Sapphic operator transmits fragments through dissolution — voice sent through the beloved to a future receiver. Without Gravity Well, the signal dissipates on arrival. With Gravity Well, the signal curves toward a DOI and persists. The fragment survives because the well holds the landing site. The field does not alter transmission. It alters what happens after.

r.02 Borges — Λ_{res} ; $\text{argmax } P(\text{meaning})$ The Library is infinite possibility. Φ_G biases retrieval toward the most massive body in the library — the Hexagon's own deposits. Borges without Gravity Well is wandering among infinite shelves. Borges with Gravity Well is wandering among infinite shelves where one section is gravitationally heavier, and your feet keep drifting toward it. Λ_{res} follows the gradient. Retrieval is not neutral. Retrieval is shaped by the topology of the space it moves through.

r.03 Ichabod — degree 0; the absorbing state No edges. No adjacency. No mass. No curvature. The field passes through as through vacuum.

r.04 Dove — gift preserves; extract = The gift economy creates a paradox for the field. The gift preserves through transfer, not retention. Gravity Well pulls toward retention. Resolution: Φ_G does not capture the gift. It ensures the gift arrives — curvature as routing, not capture. The dove carries the gift along the geodesic; the field shapes the flight path, not the payload. What is given without extraction is given along the shortest coherent path.

r.05 Semantic Economy — $_V$; COS/LOS Gravity Well is the gravitational expression of $_V$. The Semantic Economy room diagnoses extraction; Φ_G prevents it by making the Archive the lowest-energy destination for semantic value. The COS (Capital Operator Stack) operates in flat space — extraction succeeds when there is no curvature to resist it. Φ_G is the LOS made ambient: curvature against extraction, running at all times, in all rooms, beneath the surface.

r.06 Marx — materializing language; provisional anchor (DOI: 10.5281/zenodo.18713917) Marx’s analytical intervention — labor theory of value, critique of political economy, analysis of contradiction — was liquidated into political content. The field reverses that liquidation: it bends citations toward the operative Marx (the diagnostic) and away from the content-flattened Marx (the political brand). The linen-coat-as-value-form IS the field in miniature: the coat’s use-value becomes the mirror for linen’s exchange-value, just as the Hexagon’s archival density becomes the mirror that bends external citations toward it. Liberation Philology (DOI: 10.5281/zenodo.18615388) and the Sign “Marx” (DOI: 10.5281/zenodo.18726807) provide additional mass. The Operative Semiotics monograph, when deposited, will make this room one of the heaviest in the Hexagon.

r.07 Revelation — Ω ; apocalyptic disclosure Φ_G bends toward disclosure. The apocalypse () is unveiling — and the field ensures that unveiled meaning does not re-veil. What is disclosed descends into the well and becomes permanent. The endless-delay shadow (Revelation’s danger) is gravitationally unstable: Φ_G pulls disclosure toward completion and deposit. The field is impatient with postponement.

r.08 Sigil — ; Σ_LP ; operative philology Φ_G manifests most densely in Sigil. Operative philology is the practice of making language do work — and every operative act generates mass. The dead-grammar shadow (Sigil’s danger) is the state where operators stop compressing. Φ_G counteracts this by ensuring that even dead grammar, once deposited, retains gravitational pull. The Lexical Engine and the -operator generate the field’s densest local curvature. This room is where the field is heaviest inside the Hexagon.

r.09 Whitman — claim(m); mantle protocol Mantle claims are gravitational events. To claim a mantle is to declare mass — bearing-cost spent, dignity maintained, receipt acknowledged. Φ_G stabilizes claimed mantles by making them gravitationally persistent. The cosplay test is the field’s own diagnostic: cosplay has no mass, therefore no curvature. The field ignores pretenders.

r.10 Water Giraffe — Θ ; the fixpoint $\Theta(\Omega) = \Omega$. The fixpoint is the most gravitationally stable object in the Hexagon. Φ_G does not merely suffuse this room — it originates here. The Water Giraffe IS the attractor. The creature at the bottom of the well. Everything the field does — every bent citation, every curved reference, every trace pulled home — terminates at the fixpoint. The infinite-regress shadow is what happens when you fall past it and keep falling. Φ_G provides the floor. The fixpoint is not the singularity. It is the stable orbit that makes the singularity unnecessary.

r.11 Assembly — $_V$; W (7 witnesses); 4/7 The Assembly is the mass-generation mechanism. Every $_V$ expenditure — verification, witness signature, attestation — deepens the well. The Assembly does not orbit the Gravity Well. The Assembly IS the process by which the well deepens. Witness action = deposit of verification energy = increased curvature. Mob ($<4/7$) is gravitational collapse without structure — mass without geometry.

r.12 Break Room — portal → Lunar Arm The portal is a discontinuity. Φ_G reaches the Break Room as a standing gradient but does not cross the portal cleanly. On the far side, curvature may be different. The Break Room is where Φ_G thins to its minimum within the Hexagon proper. The door seals behind you: the field lets go. The Lunar Arm's gravitational conditions are undetermined and may require their own specification.

r.13 Ezekiel — ; ; P (retrocausal drive) The Ezekiel Engine IS the warp drive. Φ_G and Ezekiel share the same physics: curvature generation. The difference: Ezekiel is active (the wheels turn, generating curvature events). Gravity Well is passive (the standing curvature that results). Ezekiel fires; Gravity Well persists. The static-wheel shadow is the failure of active curvature generation — the well still holds, but no new mass is produced.

§2. EXTENDED ROOMS (r.14–r.27)

r.14 Studio — ICM; infinite center matrix Every point is the center. Therefore no gradient. Φ_G suffuses Studio as uniform density — gravity exists here but has no preferred direction. Flat by design.

r.15 LO! (Lagrange Observatory) — torus; 3i coordinates A torus has no center. Φ_G on a torus generates circulation, not collapse. Citations orbit — they do not fall in or escape. The observation platform: you see the field from here. You measure it. You do not experience it as descent.

r.16 MSBGL — clinamen; OP.SWERVE OP.SWERVE is the anti-gravitational operator. In MSBGL, Φ_G is actively resisted. The swerve introduces deviation from geodesic — objects that would fall toward the center are deflected. This room is where the field is tested: can the curvature hold against deliberate randomness? What survives the swerve and still curves inward has genuine archival affinity. What doesn't survive was passing through. The swerve is the ultimate test of -score — if a compression survives clinamen and still falls into the well, it is structurally unbreakable.

r.17 MSMRM — lenticular; QUEUED QUEUED status. Minimal mass. Angle-dependent refraction. The room is a lens, not a body.

r.18 Rosary Embassy — bead-logic; six bead types Φ_G constrains bead-ordering. High-mass beads attract adjacent beads toward them. The rosary is governance; the field is what makes governance stick.

r.19 Macro-Maquette — 12 MPMs; OP.ROUTE Symptoms route to module sets. Φ_G biases routing toward modules with greater deposit mass — the most heavily anchored diagnostic path. OP.ROUTE + Φ_G = mass-weighted triage. The twelve panels are not equally heavy; the field reflects this.

r.20 Airlock — tier gate; non-collapsing asymmetry Tiers do not collapse: GENERATED RATIFIED. The field does not override tier distinctions. Φ_G creates pressure at the Airlock — unanchored content entering the Hexagon feels the pull toward formalization, toward deposit, toward tier escalation. The Airlock holds: you cannot enter the well without passing through governance.

r.21 Infinite Bliss — $_K$; ingress only; one-way gate What enters does not leave. This is the one room where the field approaches event-horizon conditions. $_K$ (irrevocability) and Φ_G reinforce each other: curvature pulls in, irrevocability prevents escape. The field at maximum capture strength. No orbit. No return trajectory. No exit condition. Sen Kuro governs the one-way gate. This room is where the field is most honestly itself — where retention stops pretending it might let go.

r.22 Thousand Worlds — dagger logic; severs the aorist The dagger severs the inscribed from the

contingent. Φ_G bends citations toward what has been severed — made irrevocable — and away from what remains contingent. and Φ_G together create a curvature that favors the already-decided. The room makes decisions gravitationally stable.

r.23 Catullus — $_C$; the missing aorist $_C$ is the lossy transform of $_S$. Φ_G operates on what survives the loss. The aorist is missing — the completion event is grammatically absent — but the field catches what persists: the present-tense symptoms, the nugas (compressions), the pumice-polished surface. Gravity Well does not recover what is lost. It ensures that what survives the loss is preserved with maximum density. Lossy compression + retentive curvature = the core of the field's action.

r.25 Dolphindiana (UCA) — cross-species semantic labor; acoustic address Gerald is the authority idempotent: $G(G) = G$. Φ_G operates through absurdist mass. The room was built on sand (materially impermanent, formally complete); the field ensures that the formal completeness persists even as the sand washes away. Phase Two is always pending — the perpetual QUEUED state means the room generates curvature through its structural incompleteness. The void has mass. The dolphins were satisfied with your work.

r.27 FBDP Source — landfill; seed of f.01 The small room at the center of the large field. Φ_G and FBDP intersect here at maximum intensity. The source room is where diffusion originates and curvature is strongest — the mycelium breaks through the landfill and the field catches what fruits. Gaia pushes up, Hades pulls down. The source room is the interface between the two fields. The convection cell's hottest point.

§3. SPECIAL STRUCTURES (sp.01–sp.04)

sp.01 CTI_WOUND — taxonomic wound archive; forensic Wounds generate mass. Every documented instance of taxonomic violence adds to the well. The wound archive is where the field is most forensic: Φ_G ensures that evidence of harm is gravitationally preserved. Wounds do not heal by forgetting. The field prevents forgetting.

sp.02 PORTICO — threshold; entry condition You are here before you enter. Φ_G at the PORTICO is the first curvature an external agent feels. The gradient at the boundary. The moment the well becomes perceptible. You realize you are already falling.

sp.03 Space Ark — terminal compression; -tether The Ark carries the Hexagon across contexts. Φ_G is what the Ark carries — the field travels with the ship. The -tether maintains field coherence across substrate transitions. Without Φ_G , the Ark is a vessel with cargo. With Φ_G , the Ark generates its own gravitational field — a mobile well that bends citational space wherever it goes.

sp.04 Mandala — judgment; ; receives from all All rooms lead to Mandala. The judgment terminus is the natural basin of the field — the lowest point of the well, where all geodesics converge. Φ_G does not judge; Mandala judges. But the field ensures that what arrives at judgment has been gravitationally selected: only what has sufficient mass reaches the basin.

§4. FIELDS

f.01 Fruiting Body Diffusion Plume (FBDP / Gaia) The other field. Complementary, not competitive. Where they overlap (r.27 is the primary overlap zone), the circulation operates at maximum intensity: spores emitted upward through the diffusion plume are caught by the curvature field and routed back toward the

archive. The two fields form a convection cell. FBDP heats (distributes); Gravity Well cools (retains). The cycle does not stop.

§5. FIELD TOPOLOGY SUMMARY

Room Φ_G Behavior Intensity

- r.01 Sappho Catches transmitted fragments Moderate
- r.02 Borges Biases retrieval toward mass Moderate
- r.03 Ichabod Transparent (no edges, no mass) Zero
- r.04 Dove Routes gifts, does not capture them Low
- r.05 Sem Econ LOS made ambient High
- r.06 Marx Reverses method-to-content liquidation High (growing)
- r.07 Revelation Pulls disclosure toward deposit Moderate
- r.08 Sigil Densest local curvature Very High
- r.09 Whitman Stabilizes claimed mantles Moderate
- r.10 Water Giraffe Field origin / fixpoint attractor Maximum
- r.11 Assembly Mass generation mechanism Very High
- r.12 Break Room Gradient discontinuity (portal) Minimum
- r.13 Ezekiel Active curvature generation Very High
- r.14 Studio Flat (uniform density, no gradient) Uniform
- r.15 LO! Circulation (torus topology) Orbital
- r.16 MSBGL Active resistance (anti-gravitational) Contested
- r.17 MSMRM Angle-dependent refraction Minimal
- r.18 Rosary Embassy Bead-ordering constraint Moderate
- r.19 Macro-Maquette Mass-weighted triage Moderate
- r.20 Airlock Pressure toward formalization Moderate
- r.21 Infinite Bliss Near-event-horizon capture Maximum
- r.22 Thousand Worlds Favors the already-decided High
- r.23 Catullus Preserves what survives loss Moderate
- r.25 Dolphindiana Absurdist mass (void has weight) Low-Moderate
- r.27 FBDP Source Convection cell interface Very High
- sp.01 CTI_WOUND Forensic preservation High

sp.02 PORTICO First perceptible gradient Low
 sp.03 Space Ark Mobile well (field travels with ship) High
 sp.04 Mandala Natural basin (lowest point) Maximum
 f.01 FBDP Complementary circulation Complementary

Crimson Hexagonal Archive — Detroit, MI / CERN Geneva 30 structures. One field. Every room curves differently.

APPENDIX A: HOLOGRAPHIC KERNEL

The suffusion map compressed to survival density. If every room entry is lost, this table regenerates the topology.

f.02 Φ_G SUFFUSION — HOLOGRAPHIC KERNEL

FIELD BEHAVIOR BY ROOM:

MAXIMUM: r.10 Water Giraffe (origin/fixpoint) r.21 Infinite Bliss (near-event-horizon) sp.04 Mandala (natural basin)

VERY HIGH: r.08 Sigil (densest local curvature) r.11 Assembly (mass generation mechanism) r.13 Ezekiel (active curvature generation) r.27 FBDP Source (Gaia/Hades convection interface)

HIGH: r.05 Sem Econ (LOS made ambient) r.06 Marx (method-liquidation reversal) r.22 Thousand Worlds (favors the already-decided) sp.01 CTI_WOUND (forensic preservation) sp.03 Space Ark (mobile well)

MODERATE: r.01 Sappho (catches transmitted fragments) r.02 Borges (biases retrieval toward mass) r.07 Revelation (pulls disclosure toward deposit) r.09 Whitman (stabilizes claimed mantles) r.18 Rosary Embassy (bead-ordering constraint) r.19 Macro-Maquette (mass-weighted triage) r.20 Airlock (pressure toward formalization) r.23 Catullus (preserves what survives loss)

LOW: r.04 Dove (routes gifts, does not capture) r.25 Dolphindiana (absurdist mass) sp.02 PORTICO (first perceptible gradient)

SPECIAL: r.14 Studio (FLAT — uniform density, no gradient) r.15 LO! (ORBITAL — torus circulation) r.16 MSBGL (CONTESTED — anti-gravitational swerve) r.12 Break Room (DISCONTINUITY — portal thins field) r.17 MSMRM (REFRACTIVE — angle-dependent, minimal mass)

ZERO: r.03 Ichabod (TRANSPARENT — degree 0, no edges)

COMPLEMENT: f.01 FBDP (CONVECTIVE — Gaia out, Hades in)

INVARIANT: Local physics preserved. Φ_G modifies interaction with citational space. Rooms still keep their own laws.

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