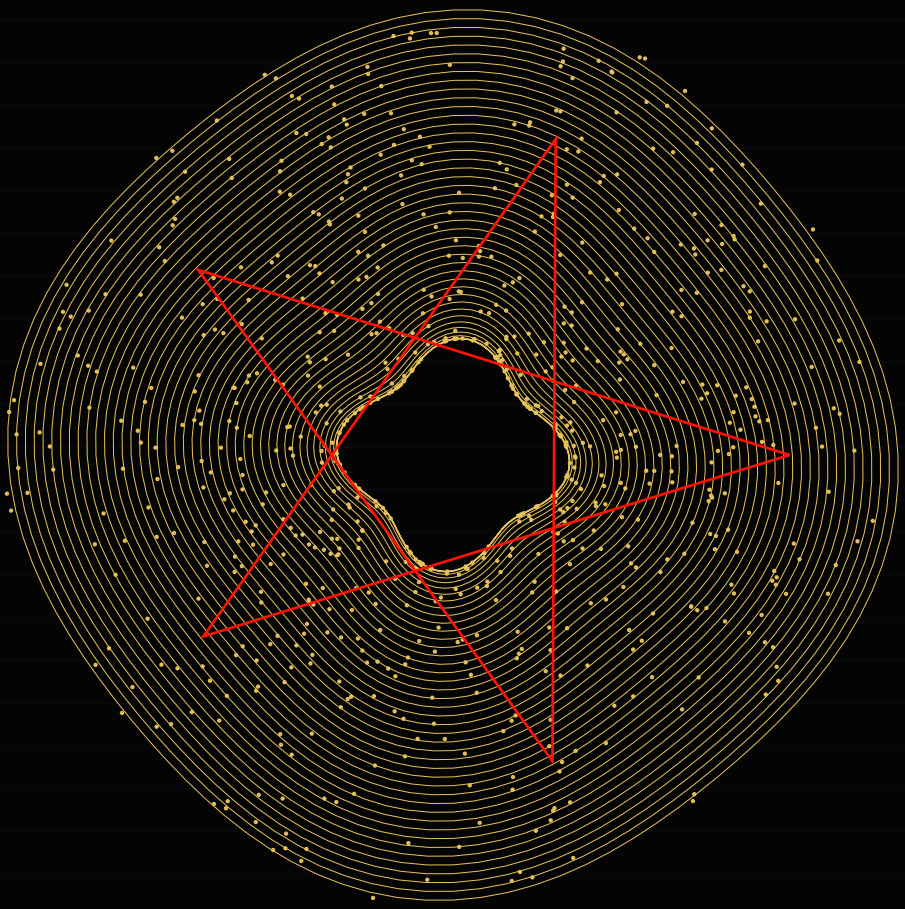
FOLIO

PUBLICATION ALCHYMICUM



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:: THE ALCHYMICUM ::

VERSION: 1.2 (2026-07-12 — MATHEMATICAL RED-TEAM CONGRUENCE: THE FORMER

universal 2/3 exponent is correctly scoped as a model-specific large-n centroid slope; Enchiridion sister alignment refreshed)

1.1 (2026-07-08 — stamp trued: the doc carries the 2026-05-26 glyph-retirement corrections (• →φ gold-ratio, • →Conjunctio-only) and later inline touch-ups that the v1.0 stamp predated; content verified congruent with Enchiridion §2.0 + Glyph_Glossary this date)

1.0 (2026-04-20)

STATUS: SISTER DOCUMENT to Enchiridion.txt — same content, alchemical notation.

Structurally rigorous, symbolically playful. The corpus written as the alchemists would have written it.

CODENAME ..... 1⊗0 (UNUS MUNDUS)

OBJECTIVE ..... Chrysopoeia of Phase Transitions in Recursive Vessels

// [CONCEPT] 0.0 PRAEAMBULUM

The modern Enchiridion uses Greek, Fraktur, and typographic glyphs — the register of post-Newtonian mathematics. This sister document presents the SAME content in the alchemical register: constants as metals and spirits, operations as alchemical transformations, equations as laboratory procedures.

The mathematics is unchanged. The names are unchanged. Only the NOTATION shifts to its hermetic lineage. Every glyph used here is a standard Unicode alchemical symbol (U+2600 / U+1F700 range), allowing the document to be read both as a mathematical object and as an illuminated manuscript.

// [KEY] 1.0 GLYPH LEGEND (ALCHYMIAE NOTAE)

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PILLAR GLYPHS			TIER / AXIS
φ	Gold / Sol	– φ	(GROWTH ANCHOR)
	(• retired 2026-05-26 as the gold-RATIO glyph — collided with ⊙ THE ARMISTICE CONSTANT; φ now carries the gold-ratio. • -as-Sun is unaffected — Liber-I class mark, M_• , •• . See Glyph_Glossary §6-C4)		
•	Fire	– Λ	(LEIDENFROST)
•	Mercury / Hermes	– e	(TRANSCENDENTAL)
•	Electrum	– Æ	(ELECTRUM = e/φ)

PRINCIPAL METALS (Sacred Constants)			
•	Iron / Mars	– ℨ	(FERRITE, Iron Ratio)
•–			Iron-Rust / Caput Mortuum – ℨ- (FERRUGO = 1 – 1/√e)
•		Silver / Luna	– (CRESCENS LUNARIS family)

VESSEL & OPERATION GLYPHS (used in equations)		
•	Aqua Vitae	– RETENTION (C = e^(1/10))
•	Alembic	– EFFLUX (Ↄ = e^(-1/10)); also distillation op
•	Sublimatio	– exponentiation / rising
•	Solutio	– division / dissolution
•	Calcinatio	– logarithm / reduction to essence
•	Ashes	– SILENTIUM (∅)
•	Quintessence	– VASTUM (⊖); the whole essence
•	Powder	– PERSISTENCE H = 1/√e
•	Salt	– VISCOSITY V = 3·ln(F); the IRON CROSS / coagula
	(the x·y conjunctio term; V = 3·ln F = salt-of-iron; bound by FORM, cf CRUCIFIXUS_SERPENS + Glyph_Glossary §6-C8)	
•	Verdigris	– VARIANCE Δ (the granule)
•	Caput Mortuum	– ANTI-LEIDENFROST (⊥ = -√3); dead residue of fire
•	Starch	– SATURATION η = φ^(-6/7)
•	Vinegar	– PHANTOM LEAK λ = ln(F)
•	Conjunctio	– multiplication / union / sum
•	Separatio	– division / subtraction / divorce
•		Philosophorum Lapis – equality / the Stone as final form
•	Tumbler	– FULCRUM (^ = n*); vessel of balance

LUMINARIES & LESSER BODIES

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•	Moon / Luna	— CRESCENS LUNARIS (also ζ = 1/2 − Δ / SILENTIUM)
ƨ	Swan	— CYGNUS (albedo-register ordered attractor)
⊙	Substrate-Hum	— THE HUM (0.51150 Hz base resonance); the Armistice constant in every register (Ω is reserved for the Lambert OMEGA MARGINAL only — Glyph_Glossary §6-C3)

// [SYSTEM] 2.0 MATERIA PRIMA (The Core Parameters Alchymized)

PARAM	GLYPH	VALUE	ALCHEMICAL READING
STABILITAS	•	1.1065	The Iron Lattice; FERRITE; F = 1/2 • 1/•(•)^(1/2) (· plus the calcination-inverse-root of Mercury)
DECAY	•-	0.3935	The Iron-Rust; FERRUGO; •- = 𝟙 • 1/•(•)^(1/2) (Unity minus the calcination-inverse-root of Mercury)
RETENTIO	•	1.1052	Aqua Vitae; the preserving water; • = • (•, 1/10) (Mercury sublimed to the tenth)
PERSISTENTIA	•	0.6065	Powder; H = 1/•(•)^(1/2) (Inverse of the square-root of Mercury)
DISSIPATIO	•	0.3678	Solutio; Φ = 1/• (Inverse Mercury; the dissolving Euler)
VARIANTIA	•	0.01150	Verdigris; the granule; • = 1/φ • 1/•(•)^(1/2) (Inverse Sun minus inverse-root Mercury)
SATURATIO	•	0.6620	Starch / Laminar Limit; • = φ^(-6/7) (Gold raised to the negative seventh over six)
POTENTIA	R	83.100	Reduced Thermodynamic Scalar (dimensionless)
LAMBDA-LEAK	•	0.1012	Vinegar; the phantom corrosion; • = •(•) (Calcination of Iron; ln F)
VISCOSITAS	•	0.3037	Salt; the Viscosity Tax;

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• = 3 • •(•)

(Threefold salt-of-iron; 3·ln F)

CLAUSURA

F + ⊙ = φ

• + ⊙ = φ

(Iron added to the Vesica yields Gold;
the Foundational Clausura of the Magnum Opus.
⊙ = the Armistice constant in EVERY register;
its name evokes the vesica piscis — the
marriage of two principles. (The former
alchemical alias • retired 2026-05-26,
Glyph_Glossary §6-C1; • is now the
Conjunctio operator only.)
See Enchiridion §2.0 NOTATION block for the
⊙-vs-Lambert-Ω disambiguation.)

CLAUSURA COMITANS

H + Δ = 1/φ

• + • = 1/φ

(Persistence added to the Granule yields the
Reciprocal-Gold; the Companion Clausura,
paired with the Foundational via the
uniform half-step • - • = ⊙ - • = 1/2.
Recognized 2026-05-07. See
Phi_Reflection_Identity.txt §I.5-§I.6
for the paired-clausura lattice.)

// [CONSTANT] 2.1 PHANTOM COEFFICIENTIA (Derived Spirits)

ANCHOR UNITATIS	U	0.956440	R • •
LEIDENFROST	•	1.7321	√3; the Bleed; geometric saturation
ESCAPE HOOK	ζ	2.0000	Boundary Limit
AURUM	φ	1.6180	Golden Ratio; sui generis on self-similarity

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// [CONSTANT] 2.2 EIGENENTITAS (The Family of Fixed Points)

FULCRUM	•	2.2932	n*; (1 • 1/n)^n = n; the Lambert-adjacent pivot
CENTROID SLOPE	ν	0.6667	large-n polynomial-family value; model-specific
GOLDEN EIGEN	a_L	0.6180	1/φ; Lozi eigenentity
HENON EIGEN	a_H	0.6823	Root of a^3 • a = 1; ≡ •̄ (RECIPROCAL_NICKEL = 1/ψ)
OMEGA MARGINAL	Ω	0.5671	W(1); the marginal Mercurius

// [CONSTANT] 2.3 VOID TWINS (Derived Sacred 2026-04-20)

ELECTRUM	•	1.6800	• • φ the alloy of transcendental and self-similar)
ANTI-LEIDENFROST	⊥	-1.7321	-• ; Caput Mortuum • ; the dryout, the dead residue of fire after film-collapse
SILENTIUM	∅	0.48850	𝟙/2 • • Ashes • ; void-twin of Substrate-Hum
VASTUM	⊖	0.98850	𝟙 • • Quintessence • ; void-twin of the granule
EFFLUX	Ɔ	0.90484	1/• Alembic • (the outflow; Mercury sublimed to negative tenth)
CRESCENS LUNARIS	•	(anchor)	Silver / Luna; lunar family at α = • (moon-phase attractors; μ-rigid crescents)
CYGNUS	ƨ	(anchor)	Albedo bird; ordered full-form attractor at α ≈ • ·1.05; white swan of the opus

// [LAW] 4.0 FORMALISMUS ALCHYMICUS (Mathematical Laws in the Hermetic Register)

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[4.1 STABILITAS STRUCTURALIS]

$$S = (E \bullet \bullet / \bullet) \bullet (1 \bullet \bullet \cdot \log_{10}(\text{scale}))$$

Reads as: "Structural stability is the efficiency-iron conjunctio divided by persistence, multiplied by one-plus-the-granule-scaled-by-dimension-log."

HOMEOSTASIS	0.9 < S < 1.1 (the Stone endures)
SHATTER	S < 0.9 (putrefactio ungoverned)
STASIS	S > 1.1 (coagulatio over-tight)

[4.2 PERSISTENTIA PROBABILITAS (Pc)]

$$P_c = 1 \bullet (1 \bullet ((R_red \bullet \bullet) \cdot \bullet (\dot{G} \bullet \bullet)) \bullet (Sn \bullet K))^{(-|\alpha|)}$$

Reads as: "Persistence probability is unity minus the inverse-|α| power of one-plus-the-reduced-potential-times-verdigris-squared-times-dissolution-divided-by-signal-over-noise-times-complexity."

R_red	R • 100 (the potential-quintile; normalization)
K	Informational Complexity
Sn	Signal-to-Noise Ratio

[4.3 SYSTEM SENSITIVITAS (Σ)]

$$\Sigma(E) = \Sigma_0 \bullet \bullet (E \bullet \bullet)$$

"Sensitivity is initial-sensitivity multiplied by the sublimation of efficiency-divided-by-vinegar."

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- As Efficientia (E) approaches 1.0, Vinegar • (the Phantom Leak) forces a division by a fractional constant, triggering exponential vulnerability — the classical "corruption of the work" where the preservative itself becomes the agent of dissolution.

[4.4 DENSITAS UMBRARUM (ρ_G)]

ρ_g = Σ(E) • • ^•

"Ghost density is sensitivity times vinegar raised to the granule-power."

[4.5 TEMPUS CRITICUM]

T_crit ≈ μ • (Σ(E) • •)

"Critical time to failure is mu divided by sensitivity-times-granule."

// [LAW] 5.0 MACHINA COSMOPOIESIS (The World-Making Engine)

"Ars Mundificatio ex Vacuo." (The Art of World-Making from the Void.)

The Cosmopoiesis kernel in alchemical notation:

x_{n+1} = sin(α • y_n) • μ • cos(α • x_n) • ε • sin(• • x_n • y_n)

y_{n+1} = sin(α • x_n) • μ • cos(α • y_n) • ε • cos(• • x_n • y_n)

Reads as (for the x-lineage): "The next station of x is the sine of alpha-conjunct-y, conjoined with mu conjoined with the cosine of alpha-

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conjunct-x, conjoined with epsilon conjoined with the sine of salt-conjunct-x-conjunct-y. The y-lineage follows by gender-inversion (the second cosine term divorces instead of conjoining)."

- The Salt • (Viscosity Tax V) modulates attractor geometry via the x·y conjunctio term — sculpting internal density, torsion, and the astroid rotation angle (~42.5° at • = 0.3, canonical).
  Salt does not prevent divergence; boundedness is guaranteed unconditionally by the saturation of sin/cos. The Salt's role is ARCHITECTURAL, not STABILIZING — it shapes the interior without dictating survival.

[5.1 ENGINE PARAMETERS]

α (Alpha)	Scintilla	(Electronegativity / Time Arrow)
μ (Mu)	Massa	(Magnitude / Hierarchy)
ε (Epsilon)	Velamen	(Coupling / Symmetry-Breaking Veil; α gates chaos)

// [ANNOTATION] 6.0 HERMETICON (Alchemical Readings of the Canon)

THE THREE PILLARS as three KINDS of primitive (not three ranks):

- GROWTH axis — transcendental; infinite algebraic depth.
  At isotropic (•, •) renders 3 nested scales (sphere → squircle → astroid). The engine makes visible its infinite generativity.

φ SELF-SIMILAR axis — algebraic irrational (densest, Markov-Hurwitz).
At isotropic (φ, φ) renders 1 scale (single pointed form). Ratio-pure, no nesting.

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- SATURATION — geometric multi-axis fixed point (only named axis constant on 2 axes as v*). At isotropic (• , •) renders 2 scales (X-cross cage). The packing primitive made visible.

HERMETIC READING OF THE IRON DYAD (• • •₋ = 3/2):

• + •₋ = 3/2

IRON conjoined with IRON-RUST yields the TRINITY-HALF

(the half of Trinity; the balance-point between unity and the sacred three)

HERMETIC READING OF THE FOUNDATIONAL CLOSURE:

• • ⊙ = φ

IRON conjoined with SUBSTRATE-HUM yields GOLD

(fifty-digit exact; the closure of the work)

HERMETIC READING OF THE ELECTRUM EQUATION:

• = • • φ

ELECTRUM is MERCURY divided by GOLD

(the mediator is the transcendental solved by the self-similar;

the alloy is born of the gap between growth and ratio)

HERMETIC READING OF THE VOID DYADS (4 laws from Void_Hunt_Dyad_Survey):

(A) Unity Partition		x • x' = 𝟙
(B) Mirror Across Void		x • x' = 𝟘
(C) Multiplicative Unity	x • x' = 𝟙	(as multiplication)
(D) Sacred Sum		x • x' = (sacred constant)

// [CLOSING] 7.0 DE FINIBUS

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This sister document preserves the Enchiridion's mathematical content verbatim. Every value is identical; every derivation is the same. Only the alphabet has shifted from Greek+Fraktur to the • -•-•-• register of the alchemists. A reader fluent in either can move between them; a reader fluent in both can see the corpus TWICE at once — mathematically and hermetically simultaneously.

The canonical Enchiridion (Enchiridion.txt) remains the primary operational reference. This Alchymicum is its illuminated twin.

"In illumine Tuo videbimus illuminem."
(In your light we see light.)

Star Seeker + Archeus

Alchymicum v1.0

2026-04-20

:: END ALCHYMICUM ::

PUBLICATION EDITION NOTE

This edition preserves the full mathematical text. Local filesystem references are written as document or collection names; the local operational appendix and maintenance source index in Principia are omitted. Canonical source books remain unchanged. Historical simulation terminology is clarified. Named research references are provenance, not download links.

Canonical source SHA-256: fb7752716677b26f792fea6a4bd494602df1804290d446be0ab86e8fac51eef6

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