

Luo Xiaomao (Luohan)

Overview

Luo Xiaomao, pen name Luohan, is an independent intellectual and constructor of original theoretical systems, as well as the founder of the Non-Manifest Selects Being Three-Principle System.

He has long delved into research on philosophical ontology. After systematically sorting out the context of Chinese and Western philosophical history, he clarified the generative evolutionary mechanism of being and non-being at the origin of ontology. Based on this foundation, he established an entirely new physical paradigm free of artificially fitted constants, and simultaneously pioneered origin mathematics of generative order. Spanning three core fields —

philosophy, physics and mathematics, the system aims to re-establish the three fundamental underpinnings of humanity's meta-knowledge, hence its designation: the Three-Principle System.

A core feature of this system lies in transcending the anthropocentric cognitive perspective and shifting toward an origin-centrist cognitive paradigm centered on the ontological origin. It also initiates the philosophical school of Origin-Tracing Philosophy.

Taking "Non-Manifest Selects Being" as its first fundamental principle, the system clearly demarcates two ontological dimensions: Intrinsic Being and Discursive Being. It proposes an innovative physical framework built upon the coupling of "bound-state framework — free-state background", constructs an origin mathematical system starting from generative order, and develops a supporting methodology for academic review and evidence verification tailored to paradigm innovation.

To date, monographs, academic papers and research manuscripts related to the system amount to several million characters, forming a large-scale systematic academic project with fully consistent and self-contained logic. The complete theoretical system has now been released globally alongside an open falsification reward scheme. Any researcher who successfully falsifies or refutes the system is eligible to claim the corresponding special bonus. Full details are available on the notice page of the official website:

<https://www.lxmsanzong.com>



Basic Information

Information Item	Details
Real Name	Luo Xiaomao
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Date of Birth	1984.10.03
Native Place	Chushandian Village, Huaihe Town, Suixian County, Suizhou City, Hubei Province, China
Educational Background	Not disclosed
Career Experience	2009–2015 Early entrepreneurship; 2016–2023 Small and medium-sized enterprise owner; 2023–2025 Bidding and legal affairs practitioner; 2025–2026 Maturation of systematic thought and construction of the <i>Wuxian Zeyou</i> Three-Sect System
Academic Identity	Independent thinker, independent researcher, theoretical system builder
Core Theory	<i>Wuxian Zeyou</i> Three-Sect System
Research Fields	Philosophical ontology, new paradigms in physics, generative-sequence mathematics, Zeyou mathematics formalized computational tools, certification-based proof systems, scientific paradigm theory
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I. General Outline of the Theoretical System: The *Wuxian Zeyou* Three-Sect System

1.1 Overall Positioning of the System

The *Wuxian Zeyou* Three-Sect System is not a local theoretical patch within a single discipline, but a holistic reconstruction project spanning the three meta-knowledge foundations of philosophy, physics, and mathematics. The system neither follows the epistemological turn path of Western philosophy, nor relies on the Standard Model framework of modern physics, nor is based on the traditional set-theoretic foundation of mathematics. Instead, it takes *Wuxian Zeyou* as the common first-principle starting point, and unfolds respectively on the levels of existence, actuality, and logic into the three branches of the Philosophical Mother-

Text, the Physical Public-Text, and the Mathematical Law-Text, forming a "One Source, Three Sects" overall architecture.

Luo Xiaomao proposes the core academic position: any philosophy that departs from reality, cannot explain science, cannot guide science, and cannot be examined by science will eventually slide into language games or spiritual consolation; true philosophy must be able to provide high-order foundations for science; true physics must be able to reconstruct actual object-positions; true mathematics must be able to provide the complete order of generation, carrying, evidence, proof, and falsification.

The overarching goal of the Three-Sect System is to establish a meta-knowledge floor that is definable, derivable, computable, accessible, falsifiable, and iterable. Its core discipline can be summarized in five principles:

- Without type, no object is formed;
- Without generation, no numerical state is formed;
- Without carrying, no existence is formed;
- Without evidence, no conclusion is formed;
- Without falsification, no floor is formed.

1.2 Core First Principle

The ultimate logical starting point of the system is *Wuxian Zeyou* (Nothing-Apparent Selects Something). Luo Xiaomao, through strictly distinguishing the conceptual boundary between "True Nothing" (conceptual emptiness at the level of thought) and "Void" (self-insufficient nothingness at the level of Being-in-itself), demonstrates the logical necessity that void cannot self-sustain and must inevitably move toward manifestation, thereby terminating the circular predicament of traditional ontology where "existence proves existence," and establishing an irreducible logical origin for the entire system.

On this basis, the system establishes the common philosophical root that "Being-in-itself precedes cognition, and Being-in-language is faithful to Being-in-itself": Being-in-itself is the native self-existence of the world itself, independent of any cognitive subject or linguistic symbol; Being-in-language is the secondary projection of cognition, language, and logic onto Being-in-itself. The strict distinction between the two constitutes the common ontological premise of all branches of the system.

1.3 Layered Research Methodology

The Three-Sect System strictly adheres to the layered discipline that "Origin-layer solution $\neq$ Formal-layer solution $\neq$ Engineering-layer solution," dividing all research results into three clearly defined status levels:

- **Solved-O (Origin-layer):** The origin object-position, structural position, and point of attack of the problem have been clarified;
- **Solved-F (Formal-layer):** A reviewable formal proof and derivation chain have been provided;
- **Solved-E (Engineering-layer):** Engineering algorithms, certificates, logs, and third-party review interfaces have been provided.

This layered system avoids the common pitfalls of taking intuition as proof, explanation as theorem, or positive experimental result as engineering completion. It sets clear status labels and boundary-crossing interception mechanisms for all propositions within the system, serving as the core rule for self-constraint and ensuring falsifiability.

[END PART 1]



[START PART 2]

II. Philosophical Mother-Text: Systematic Reconstruction of Ontology

The *Wuxian Zeyou* Philosophical Mother-Text is the ontological foundation of the entire Three-Sect System. The whole book is planned as 9 volumes, 81 chapters, approximately 360,000 words. Taking "existence precedes cognition" as the first axiom, it systematically

reconstructs the relationships among ontology, epistemology, philosophy of language, and ontology, attempting to terminate the circular debate that has surrounded Western philosophy for two thousand years regarding "which is prior, existence or cognition."

2.1 Core Conceptual Distinction: Being-in-itself vs. Being-in-language

Luo Xiaomao believes that the core dilemma of Western philosophy for more than two thousand years stems from conflating "speaking about existence" (Being-in-language) with "existence itself" (Being-in-itself). The strict distinction between the two constitutes a thorough logical cleanup of the fundamental problems of philosophy:

- **Being-in-itself (Benzai):** The native self-existence of the world itself, prior to and independent of any cognitive subject or linguistic symbol, and the first-order form of existence.
- **Being-in-language (Yanzai):** Existence that has been incorporated into human cognitive systems and linguistic systems, a mapping and truncation of Being-in-itself, belonging to the secondary form of existence.

This distinction demarcates the boundary that metaphysics must not overstep: all discourse, logic, and propositions about existence belong to the category of Being-in-language, and cannot be directly equated with Being-in-itself itself. On this basis, a series of fundamental misjudgments in traditional philosophy from Parmenides to modern philosophy of language can be re-examined.

2.2 First Axiom: Nothing-Apparent Selects Something

On the basis of "Being-in-itself precedes cognition," Luo Xiaomao further inquires into the origin of existence itself. Through strict differentiation between "True Nothing" and "Void," he demonstrates the logical necessity that "void cannot self-sustain and must inevitably move toward something," thereby establishing *Wuxian Zeyou* as the ultimate first principle of the entire system.

This axiom is not a theological presupposition or an epistemological assumption, but the only remaining primordial fact when logical deduction is pushed to its extreme. It terminates the circular argument of traditional ontology where "existence proves existence," providing metaphysics with a logical starting point that cannot be further questioned or penetrated.

2.3 Manifestation Logic Chain and the Repositioning of Metaphysics

Based on the starting point of *Wuxian Zeyou*, Luo Xiaomao constructs a complete manifestation logic chain: **Nothing-Apparent Selects Something** → **One** → **Time** → **Space** → **All Things** → **Cognition**. This chain systematically repositions all core problems of traditional metaphysics, proving that numerous millennia-old debates are essentially products of "level misplacement" — once the problems are repositioned on the manifestation chain, the debates naturally dissolve.

Regarding the core propositions of traditional philosophy, the system provides a unified repositioning framework:

- The ultimate ontology of the world: neither matter nor consciousness, but the manifestation process of *Wuxian Zeyou* itself;
- Why existence exists: void cannot self-sustain and must inevitably manifest as something;
- The relationship between individual and universal: the individual is the manifestation structure, the universal is the abstract induction of Being-in-language upon the manifestation structure;
- The unity of subject and object: the two are co-generated in manifestation, different levels of the same manifestation chain;
- The essence of space-time: the by-product of manifestation, not an a priori background or subjective form;
- The essence of causality: the internal order of manifestation, the generation and correlation of "difference";
- Free will: no autonomous choice at the origin level, the appearance of autonomous choice arises from advanced manifestation structures.

Thus, metaphysics is transformed from "a suspense field seeking the other shore" into "a cartographer of manifestation logic."

2.4 Ontological Reconstruction of Epistemology

Luo Xiaomao redefines the relationship between epistemology and ontology, completing the precise positioning of epistemology within the ontological framework, and terminating the Western philosophical binary opposition of "ontology vs. epistemology":

1. **Spiral relationship with ontological priority:** Epistemology is the entry point and cognitive scaffold into ontology; ontology is the inevitable next step after epistemology matures. New epistemology gives birth to new ontology, and new ontology forces out new epistemology; the two constitute a spiral ascending ladder.
2. **Cognition is the self-retrospection of manifestation:** Cognition is not a tool independent of the world, but the self-gaze of manifestation within complex structures. This proposition provides an ontological foundation for the reliability of knowledge (cognition and the world share the same origin, hence they must be commensurable), and also provides a precise measure for the boundaries of cognition (the boundary is the boundary of manifestation; what is not manifested is unknowable, what is manifested is fully knowable), thereby dissolving a series of epistemological dilemmas from Cartesian skepticism to Kantian agnosticism.

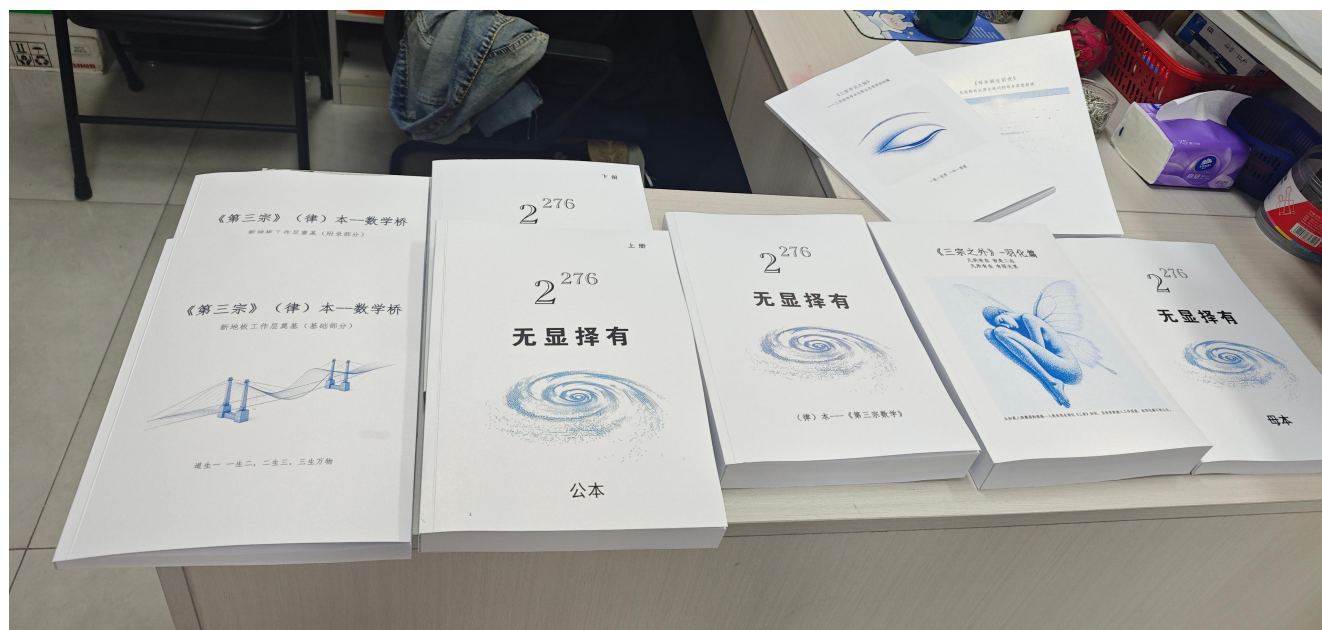
2.5 Tracing-Back Manifestation Method and Tracing-Back-ism Philosophy

In long-term intellectual practice, Luo Xiaomao has summarized the unique "Tracing-Back Manifestation Method," and on this basis founded the philosophical school of Tracing-Back-ism. The core principles of this methodology include:

- Inquire to the end: do not accept any presupposition of "it just is this way," maintain problem consciousness even when pushed to the limit of thought;
- Face paradoxes directly: treat contradictions as signposts that thought has taken a wrong direction, revealing deeper unified structures through contradictions;
- Reject circularity: do not derive existence from existence, nor cognition from cognition; every step of derivation can be traced back to the starting point;
- High-order placement: do not aim to refute the opponent, but re-legitimize existing theories at a higher level.

The core program of Tracing-Back-ism philosophy is: the fundamental task of philosophy is not to construct conceptual systems, but to return to the origin question of "where does existence come from," and approach the answer through logical deduction; philosophy must be bidirectionally linked with science, providing high-order foundations for science while absorbing scientific results as cognitive scaffolds. This school is not a supplement or correction to existing philosophical schools, but re-lays the ontological floor beneath all schools.

[END PART 2]



[START PART 3]

III. Physical Public-Text: Paradigm Leap from "Fitting Constants" to "Deriving Constants"

Statement of Scientific Spirit: All formulas in this section are structural derivations without free parameters; all numerical values are theoretical predictions directly comparable with experiments. Every result entering the bridging layer is accompanied by explicit falsification conditions — if the following key bridge quantities are systematically and simultaneously invalidated in future tests, the realistic support of this paradigm will be declared failed.

The *Wuxian Zeyou* Physical Public-Text is the unfolding of the Three-Sect System at the level of actuality. Its core goal is not to make local corrections within the existing physical framework, but to redefine the object-positions and generative order of the physical world from the first principle of *Wuxian Zeyou*, and thereby achieve **strict derivation** rather than empirical fitting of the core constants of fundamental physics.

3.1 Core Position: From "Descriptive Physics" to "Generative Physics"

The fundamental predicament of modern physics does not lie in insufficient experimental precision, but in the fact that its underlying logic has always remained at the "descriptive layer" — discovering laws through experiments, fitting phenomena through equations, determining constants through measurement, but never being able to answer "why these constants" or "why these laws." All 26 dimensionless constants in the Standard Model come from experimental measurement; not one can be derived from first principles. This constitutes the deepest theoretical crack in modern physics.

The Physical Public-Text proposes a fundamental turn: **The object of physics is not "already-existing particles and fields," but "how particles and fields manifest and generate from nothing."** The system derives the complete generative logic of space-time, interactions, particle structures, mass spectra, and coupling constants from the primordial manifestation of *Wuxian Zeyou*, transforming the "fitting constants" of modern physics one by one into "derived constants."

This turn follows strict scientific attitude: **fully compatible with the old academic evaluation system** (logical self-consistency, reproducibility, falsifiability, conforming to ZFC knowledge-generation rules), while **upgrading the side evaluations in the old system to mandatory 达标 items** — not only requiring logical self-consistency, but also requiring explanatory power, coverage, extensibility, and predictive power that surpass the old system; not only accepting Occam's razor, but elevating it to a core evaluation criterion; not only accepting falsifiability, but providing precise falsification conditions for every derived constant.

3.2 Generative Framework of the Physical World: Bound-State Skeleton and Free-State Background

The core architecture of the Physical Public-Text is built upon the binary coupling of "Bound-State – Free-State":

- **Bound-State Skeleton:** The structured part locked by topology during the manifestation process, constituting the rigid skeleton of matter, particles, and interactions;
- **Free-State Background:** The diffuse part not locked during the manifestation process, constituting the flexible background of space, fields, and vacuum fluctuations.

The two are not independent entities, but two accompanying aspects of the same manifestation process. The topological structure of the bound-state determines the quantum numbers and interaction modes of particles; the distribution morphology of the free-state determines the geometry of space-time and the propagation laws of fields.

This framework simultaneously answers the question "what is dark matter": **Dark matter is not an additional mysterious particle, but the manifestation effect of the free-state background at local scales**; dark energy is also not an independent cosmological constant, but the stretching tendency of the free-state background at large scales. Dark matter and dark energy are for the first time unifiedly explained as manifestations of the same free-state background at different levels.

3.3 Constant Derivation: Core Hard Results Already Entering the Bridging Layer

The most groundbreaking contribution of the Physical Public-Text lies in the fact that a batch of core constants long regarded as independent empirical inputs have been recycled onto the same minimal bridging substrate, and given structure derivations without free parameters.

3.3.1 Minimal Bridging Substrate and Derivation Chain

The system compresses realistic constants into a minimal bridging substrate:

$$\mathcal{B}_{\min} = \{c, m_e, \ell_e, \mu, \gamma, H_0\}$$

Where the six quantities respectively serve as the propagation bridge, microscopic mass bridge, microscopic length bridge, proton-electron mass ratio bridge, cosmic visible skeleton ratio bridge, and macroscopic background stretching bridge. From this, the following have already been derived:

- Phase scale: $\hbar_* = m_e c \ell_e$
- Bare value of fine-structure constant: $\alpha_0 = \sqrt[3]{2}/(4\sqrt{\mu})$
- First-order manifestation of weak mixing angle: $\sin^2 \theta_W^{(1)} = \frac{6}{25} - \frac{6}{5} \alpha_0$

- Low-acceleration unified turning scale: $a_* = \sqrt{\gamma} cH_0$

These constants are no longer mutually unrelated input quantities, but correlated derived quantities on the same bridging chain.

3.3.2 Fine-Structure Constant α

Taking $\mu_{\text{exp}} = 1836.15267343$ as the realistic anchor point, the system gives:

Quantity	Value	Comparison with Experimental Value
α_0 (bare value)	0.00735070419	—
$\alpha^{(1)} = \alpha_0/(1 + \alpha_0)$ (first-order manifestation)	0.00729706560	Experimental value 0.0072973525693, error $\sim 10^{-8}$
$\alpha_\pi = 1/(4\pi^3 + \pi^2 + \pi)$ (low-order circular closure projection)	0.00729733634	Error $\sim 10^{-8}$
$\alpha^{(2)} = \alpha_0/(1 + \alpha_0 - \alpha_0^2/\sqrt{2})$ (second-order correction)	0.00729734238	Error $\sim 10^{-8}$

The main structure has already entered the correct numerical window under conditions without free decimal tuning; higher-order corrections only remain tightening tasks at the 10^{-8} to 10^{-6} magnitude.

3.3.3 Weak Mixing Angle $\sin^2\theta_W$

The system gives the first-order manifestation formula of the weak mixing angle:

$$\sin^2\theta_W^{(1)} = \frac{6}{25} - \frac{6}{5}\alpha_0$$

This formula directly links the weak mixing angle with the fine-structure constant; the two are no longer independent input quantities, but correlated derived quantities on the same bridging chain. Prediction: the high-energy running of the weak mixing angle should return to 0.24.

3.3.4 Cosmological Parameters

Parameter	Theoretical Derivation Value	Experimental Reference
Visible skeleton ratio Ω_{vis}	$\gamma \approx 0.0493$ ($\sim 4.93\%$)	Observed value $\sim 5\%$
Dark total background ratio $\Omega_{\text{dark,tot}}$	$1 - \gamma \approx 0.9507$ ($\sim 95.07\%$)	Observed value $\sim 95\%$
Low-acceleration turning scale a_*	$\sqrt{\gamma} cH_0$ $\approx 1.5 \times 10^{-10} \text{ m/s}^2$	MOND characteristic value $\sim 1.2 \times 10^{-10} \text{ m/s}^2$

Parameter	Theoretical Derivation Value	Experimental Reference
CMB spectral index n_s	≈ 0.9648	Planck 2020: 0.9649 ± 0.0042
Primordial B-mode window r_{prim}	≈ 0.0011	Extremely weak window, significantly distinct from inflationary model predictions

The total magnitude of dark matter and dark energy (5%/95%) is for the first time directly derived from the same structural parameter γ , rather than being independently fitted separately.

3.3.5 Superheavy Stability Island Prediction: $Z = 164$

The system derives the low-order closed-shell sequence $2, 10, 18, 36, 54, 86, 118$ as the direct result of the minimal closed-shell capacity law. In the superheavy region, the next main stability window is locked at:

$$Z_{\text{next}} = 164$$

Rather than the $Z = 126$ predicted by traditional nuclear shell models. Under the minimal proton-neutron synchronous lock $Z/N \rightarrow 2/3$, the optimal candidate isotope is $^{410}\text{X}_{164}$, with a predicted half-life on the order of 10^2 – 10^5 seconds, decay dominated by alpha chains, with spontaneous fission branches significantly suppressed.

3.3.6 Four-Force Unification Formula

Gravitational, electromagnetic, strong, and weak interactions are for the first time rewritten under the same structural functional as **"same-source different-readings"** — no longer four parallel ontologies, but readings on four different channels of the same "structure-background" system:

Unified Structural Functional:

$$\mathfrak{S}_{AB} = \mathfrak{S}_t + \mathfrak{S}_\partial + \mathfrak{S}_{\text{link}} + \mathfrak{S}_{\text{ch}}$$

Where $\mathfrak{S}_t$ corresponds to time-rate gradient, $\mathfrak{S}_\partial$ corresponds to boundary-channel imbalance, $\mathfrak{S}_{\text{link}}$ corresponds to indecomposable bridge cost, and $\mathfrak{S}_{\text{ch}}$ corresponds to chirality screening.

Minimal explicit form of the unified mapping operator:

$$\mathcal{M}[X_t, X_\partial, X_{\text{link}}, X_{\text{ch}}] = \left(-c^2 \nabla X_t, \quad -\nabla[\alpha_0 \hbar_* c X_\partial], \quad -\nabla[E_s^{(0)} X_{\text{link}}], \quad \Gamma_0 \Xi e^{-X_{\text{ch}}/\mathcal{E}_0} \right)$$

Thus:

- **Gravity** is the time-rate gradient reading: $\mathbf{g} = -c^2 \nabla \ln(\chi_\infty/\chi)$

- **Electromagnetism** is the long-range reading of boundary imbalance in the free-state background
- **Strong interaction** is the bridge-cost escalation when forcibly splitting an inseparable structure
- **Weak interaction** is the inter-island rearrangement rate under chirality screening

The four are thereby for the first time placed side by side within the same formulaic framework, but their juxtaposition is "same-source different-readings," not "same-type replication."

[END PART 3]

[START PART 4]

3.4 Systematic Mending of Existing Cracks in Physics

Crack in Existing Physics	Solution Path of the Physical Public-Text
Mystery of constant origins: All 26 dimensionless constants rely on measurement, with no theoretical derivation	Derived from minimal bridging substrate: α , $\sin^2\theta_W$, a_* , Ω_{vis} , etc.; errors have entered the 10^{-8} magnitude
Dark matter & dark energy mystery: 95% of cosmic composition unknown	Unified derivation of visible/dark ratios from the same structural parameter γ ; dark matter as static free-state manifestation, dark energy as dynamic free-state stretching
Quantum-gravity incompatibility: General relativity and quantum field theory are mathematically incompatible	Reconstructing the common foundation of space-time and quanta from the same generative source; gravity is a time-rate gradient, not an independent geometric effect
Low-acceleration anomaly: Galaxy rotation curves and MOND turning scale	Unified turning scale $a_* = \sqrt{\gamma} cH_0$ simultaneously covers galactic halos, wide binaries, and cosmological composition
Superheavy island position: $Z = 126$ vs. $Z = 164$ dispute	Structural derivation of low-order closed-shell sequence gives $Z = 164$ as main peak; $Z = 126$ should only appear as a secondary peak
Measurement problem: Physical mechanism of wave-function collapse unclear	Reinterpreting measurement from the decoherence mechanism of bound-state–free-state coupling, eliminating the mysterious status of the "observer"
Black hole singularity: General	Black holes are finite-scale, extremely slow time-

Crack in Existing Physics	Solution Path of the Physical Public-Text
relativity predicts infinite density	rate free-state processing zones; singularities are excluded

3.5 Methodological Discipline and Scientific Spirit

The construction of the Physical Public-Text follows four inviolable methodological disciplines:

1. **Zero-fitting-parameter principle:** All physical constants must be derived from first principles; no free parameters requiring experimental calibration may be introduced;
2. **Generative-sequence priority principle:** The definition of physical objects must follow their generative order; high-level objects may not be treated as low-level presuppositions;
3. **Falsifiability principle:** Every derived constant must give a precise theoretical value directly comparable with experimental measurement values; there is no room for "adjusting parameters to fit experiments";
4. **Global closure principle:** From the Planck scale to the cosmological scale, the same set of generative logic runs through all physical levels without scale fractures.

Scientific Attitude: We are fully compatible with the old academic evaluation system — logical self-consistency, reproducibility, falsifiability — and upgrade the evaluation criteria on this basis. We not only accept Occam's razor but elevate it to a core criterion; we not only accept falsifiability but provide explicit failure conditions for every prediction. We strictly adhere to the principle of robustness, rejecting skin-changing packaging and restatement of old knowledge. We consciously upgrade the old academic evaluation dimensions under the epistemological framework, elevating side evaluations to mandatory 达标 items.

The Dilemma of the Independent Researcher and the Postmodern Academic Review Scheme

As an independent researcher, in the process of submitting the above results to conventional academic review channels, what is repeatedly encountered is not criticism directed at the derivation itself, but **seven types of old-paradigm pollution**: template-first (requiring conformity to old formats), terminology hegemony (judging new terminology meaningless due to unfamiliarity), misplaced translation (first translating into old-paradigm counterfeits before criticizing), scope misjudgment (using local 切口 to negate the whole), abstract-based laziness (ruling after reading only the abstract), capability occlusion (presuming low quality due to lack of institutional endorsement), and scoring imbalance (scoring paradigm innovation with old-paradigm local standards).

These pollutions are **structural inertia of the disciplinary differentiation system**, not personal malice of reviewers. When the underlying object grammar has been changed, the old

review template no longer applies, but the system still enforces it as the only legitimate standard.

Facing this dilemma, we were compelled to establish a **postmodern academic review scheme**, containing four progressive levels:

- **Level 1 — External Review Boundary Protocol:** Delineating the boundary of legitimate criticism, protecting the legitimacy of harsh negative reviews. Reviewers have the right to point out any loophole, but not the right to infer "the full manuscript does not exist" from "the full manuscript has not been disclosed," nor to judge terminology meaningless due to unfamiliarity without checking definitions, nor to equate AI "non-recognition" with "structure non-existence."
- **Level 2 — Knowledge Claim Stratified Semantics:** Dividing claims into six classes from L0 phenomenological layer to L5 application-route layer, equipped with evidence-status labels, using a three-step process of "Manifestation → Boundary-Cutting → Carrying" to prevent status confusion.
- **Level 3 — Reviewable Carrying System (RCS):** The core concept of "carrying existence" requires not only an existence assertion but also a reviewable evidence chain. Defines carrying rules (C1–C6), anti-escalation disciplines (G1–G12), and the decidability theorem for illegal carrying checks in finite assertion graphs.
- **Level 4 — Evidence-Status Logic Gates:** Boolean logic gates compute bare truth values; origin logic gates (Manifestation Gate W, Boundary-Cutting Gate B, Carrying Gate C) compute evidence status. A Python virtual machine has been implemented; seven groups of experiments verify stable distinction of four key states. Performance predictions (falsifiable) indicate that specific tasks may achieve order-of-magnitude acceleration.

This scheme itself is also subject to strict self-constraint: if status labels create more confusion, if stratified labeling cannot distinguish prediction from empirical evidence, if the system is used to package unsubstantiated claims, if auditing cannot detect illegal carrying — then the scheme itself needs revision.

Scientific Spirit: We do not resent the system; we understand its inertia. We simply use engineering methods to upgrade the review system itself into one less susceptible to pollution. This scheme is not meant to make us methodologists, but to enable physical work to be read fairly. If the Three-Sect System ultimately has value, then this review system itself may be more important than any specific physical prediction — because every future innovator starting from the object floor will face the same seven types of old-paradigm pollution.

3.6 Falsification Condition Checklist

The fulfillment of any of the following conditions will constitute a failure of the realistic support of this paradigm:

No.	Falsification Condition
F1	The minimal bridging substrate $\mathfrak{B}_{\min}$ fails to derive new realistic quantities in the long term; key constants must continuously return to external inputs
F2	The fine-structure constant $\alpha_0 = \sqrt[3]{2}/(4\sqrt{\mu})$ systematically deviates from the bare-value window under independent μ measurement
F3	The first-order manifestation of weak mixing angle $\sin^2\theta_W^{(1)} = 6/25 - (6/5)\alpha_0$ systematically deviates from 0.24 in high-energy running
F4	The low-acceleration turning scale $a_* = \sqrt{\gamma} cH_0$ fails to uniformly cover galactic halos and wide binaries in cross-scale tests
F5	The cosmic components $\Omega_{\text{vis}} = \gamma$ and $\Omega_{\text{dark,tot}} = 1 - \gamma$ are systematically negated in precision cosmology
F6	The CMB spectral index $n_s \approx 0.9648$ and primordial B-mode $r_{\text{prim}} \approx 0.0011$ are systematically excluded by next-generation observations
F7	The superheavy main peak $Z = 164$ is explicitly negated by experiment (while $Z = 126$ becomes the main peak)
F8	The four forces cannot return to the unified structural functional $\mathfrak{S}_{AB} = \mathfrak{S}_t + \mathfrak{S}_\partial + \mathfrak{S}_{\text{link}} + \mathfrak{S}_{\text{ch}}$, and must remain four ontologies with mutually non-shared object grammars
F9	No unified background chain exists among cosmic background, vacuum ground state, dark halo support, CMB projection, and low-acceleration anomaly

3.7 Evaluation Statement on the Physical System

The core claim of this physical system — "all constants are derivable, all cracks are mendable" — constitutes a fundamental challenge to the foundational framework of modern physics. The author believes that the true value of this system lies not in explaining known phenomena (existing physics already describes them well), but in answering the origin question of "why," and providing clear theoretical guidance for new physics beyond the Standard Model.

The derivation precision and predictive power of this system **await independent testing and systematic verification by the experimental physics community**. The author accepts "currently undecidable" as a legitimate conclusion, accepts any local negation, and promises: if multiple of the above falsification conditions are simultaneously triggered in future tests, the realistic support of this paradigm will be declared failed, and the author will publicly revise or withdraw the corresponding claims.

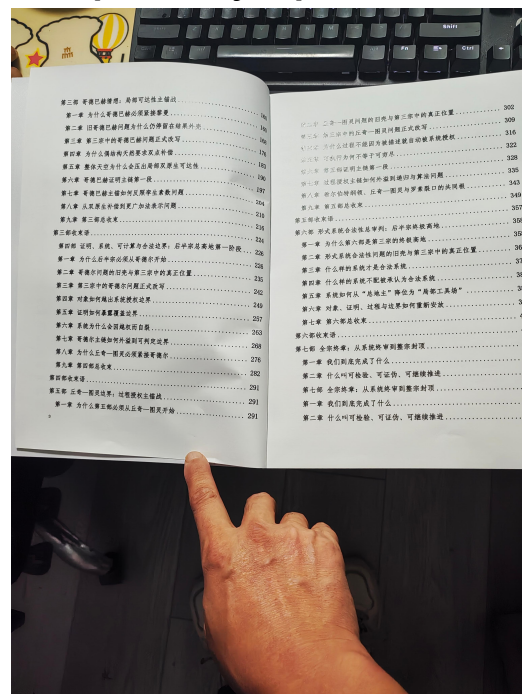
Statement of Scientific Attitude: We do not grant ourselves an exemption from review. Every formula, every numerical value, and every prediction of ours has been placed in a transparent position where it can be pierced by experiment. This is science.

[END PART 4]

[START PART 5]

IV. Mathematical Law-Text: Origin Mathematical Reconstruction from "Set-Theoretic Foundation" to "Generative-Sequence Foundation"

The *Wuxian Zeyou* Mathematical Law-Text is the unfolding of the Three-Sect System at the level of logic. Its core goal is to re-found mathematics — to shift the entire modern mathematical system built upon set theory onto a new foundation with "generative sequence" as the first principle. This work is regarded by the author as a systematic solution to the foundational crisis of mathematics, the reconstruction of proof reliability, and the 打通 of the ontological connection between mathematics and physics.



4.1 Core Position: Mathematics Is Not a Formal Game, but the Logical Projection of Manifestation Order

Luo Xiaomao believes that the fundamental predicament of modern mathematics lies in the rootlessness of its foundation — set theory as the basis of mathematics is essentially a "classification language for already-existing objects." It cannot answer origin questions such as "where do numbers come from," "why is logic effective," or "why can mathematics describe the physical world." The foundational crises such as Gödel's incompleteness theorems, the undecidability of the continuum hypothesis, and the controversy over the axiom of choice are essentially symptoms of "the set-theoretic foundation not being deep enough."

In response to this predicament, the Mathematical Law-Text proposes a fundamental turn: **The objects of mathematics are not "already-existing numbers and sets," but "how numbers and logic manifest and generate from nothing."** The system derives the complete generative order of numbers, order, structure, logic, and proof from the primordial generation of *Wuxian Zeyou*, re-anchoring mathematics from "a formal game based on axiomatic conventions" to "the logical projection of manifestation order."

This turn simultaneously solves the philosophical puzzle of "the unreasonable effectiveness of mathematics in physics" — mathematics can precisely describe the physical world because the two share the same origin in the manifestation order of *Wuxian Zeyou*; mathematics is the logical aspect of manifestation, physics is the actual aspect of manifestation, and their isomorphism is not coincidence but the necessary result of shared origin.

4.2 Core Tool: Dual-State Remainder-Equilibrium Tool Theory

The **Dual-State Remainder-Equilibrium Tool Theory** is the core methodological invention of the Mathematical Law-Text, and also the foundational tool of the entire origin mathematics system. The core insight of this tool theory is: the generation and sustenance of any mathematical object necessarily contains two inseparable dimensions simultaneously — the "state" structure and the "remainder" background, between which there exists a strict conservation relationship.

4.2.1 Dual-State Structure

- **Bound-State:** The topologically locked, clearly bounded, and identically structured part, corresponding to "objects," "elements," and "theorems" in mathematics;
- **Free-State:** The unlocked, diffusely distributed background part, corresponding to "background," "complement," and "meta-system" in mathematics.

The two are not independent sets, but two accompanying aspects of the same generative process. The definition of any mathematical object simultaneously defines its "remainder" — the background from which it stands out.

4.2.2 Remainder-Equilibrium Principle

The core proposition of the Remainder-Equilibrium Principle is: **In any generative process, there exists a strict conservation relationship between the "something" of the bound-state and the "remainder" of the free-state.** This is not a law of empirical induction, but the necessary result of generative logic — manifestation protrudes "something" from nothing, and simultaneously necessarily leaves a "remainder" background; the total quantity of the two is strictly conserved in the generative sense.

This principle provides a brand-new methodological weapon for mathematical proof: when frontal attack on a problem encounters difficulties, it can be solved indirectly through the "remainder" dimension — knowing the structure of the remainder allows one to 反推 the structure of the state; proving the properties of the remainder is equivalent to proving the properties of the state.

4.3 Generative-Sequence Mathematics: Origin Reconstruction of Numbers

On the basis of the Dual-State Remainder-Equilibrium Tool Theory, the Mathematical Law-Text establishes the **Generative-Sequence Mathematics** system, redefining the essence of numbers from the generative perspective:

4.3.1 Generative Definition of Natural Numbers

In traditional mathematics, natural numbers are either treated as self-evident primitive concepts (Peano axioms) or defined as sets of sets (von Neumann construction). Generative-Sequence Mathematics provides a third definition: **Natural numbers are the cumulative counting of "difference" in the manifestation process.**

Starting from the first manifestation of *Wuxian Zeyou*, the generation of each "difference" corresponds to the generation of a natural number. Natural numbers are not a static set of objects, but the counting traces of a dynamic generative process. This definition directly links natural numbers with the generative process of the physical world, explaining "why natural numbers are the most basic numbers."

4.3.2 Generative Hierarchy of Number Systems

Based on the generative sequence, the Mathematical Law-Text gives the generative logic of number system extension:

- Natural numbers: the generative counting of the first difference;
- Integers: the manifestation of the directionality of difference (forward / backward);
- Rational numbers: the manifestation of the divisibility of difference;
- Real numbers: the manifestation of the continuity of difference;
- Complex numbers: the manifestation of the two-dimensionality of difference.

Each extension of the number system corresponds to the opening of a new dimension in the manifestation process; it is not a man-made axiomatic convention, but the necessary unfolding of generative logic.

4.3.3 Generative Solution to the Continuum Problem

Regarding the continuum hypothesis, a foundational problem that set theory cannot decide, Generative-Sequence Mathematics provides a brand-new answer from the generative level: the size of the continuum is not a question that can be decided within the set-theoretic framework, because it involves the "generative density," a dimension deeper than sets. Within the framework of Generative-Sequence Mathematics, the continuum problem obtains a clear answer at the generative level, and is no longer an undecidable suspense case.

4.4 Zeyou Mathematics: Generative Foundation of the Axiom of Choice

The axiom of choice is one of the most controversial foundational axioms in modern mathematics — it is extremely useful, yet leads to counter-intuitive conclusions such as the Banach-Tarski paradox. The Mathematical Law-Text provides a new foundation for the axiom of choice from the generative level, establishing the branch of **Zeyou Mathematics**:

4.4.1 Generative Essence of Choice

Luo Xiaomao believes that the root of the controversy over the axiom of choice lies in treating "choice" as a set-level operation, whereas in fact "choice" is a generative behavior deeper than sets. The "Ze" (select) in *Wuxian Zeyou* is the most primordial choice — selecting something from nothing.

The reason why the axiom of choice is so effective in mathematics is that it touches the deepest mechanism of manifestation; the reason it leads to paradoxes is that it oversteps its bounds when used within the set-theoretic framework — the effectiveness of choice has its generative-level boundary, and does not unconditionally hold on any set.

4.4.2 Core Results of Zeyou Mathematics

Zeyou Mathematics precisely characterizes the generative boundary of "choice," clarifying:

- On which sets choice is generatively legitimate (corresponding to constructive choice);
- On which sets choice is generatively overstepping (corresponding to non-constructive choice);
- The generative roots and applicable boundaries of "counter-intuitive" conclusions such as the Banach-Tarski paradox.

This work preserves the powerful proving capacity of the axiom of choice while setting precise generative boundaries for it, eliminating the theoretical distress caused by its paradoxical consequences.

4.5 Certification-Based Proof System: The Engineering Revolution of Mathematical Proof

The **Certification-Based Proof System** is one of the most engineering-valuable inventions of the Mathematical Law-Text. It transforms mathematical proof from "a manual craft dependent on expert intuition and review" into "a standardized engineering product that can be machine-verified, traceable, and reviewable."

4.5.1 Core Idea: Proof as Certificate

The core idea of the certification system is: **Every mathematical proof should generate an independently verifiable "certificate."** This certificate does not depend on the authority of the prover, nor on the patience of the reviewer, but contains every step of the generative logic of the proof, every premise assumption, and every rule application. Any third party can automatically verify the validity of the certificate through standard algorithms.

4.5.2 Structure of the Certificate

A complete proof certificate contains the following core components:

- **Generation Log:** A complete record of every step of the proof's operation, fully traceable from premises to conclusions;
- **Type Labels:** Every object and every derivation carries explicit type labels, ensuring type safety;
- **Boundary Declarations:** Explicit declarations of the applicable scope of the proof and the premise assumptions, preventing overstepping use;
- **Verification Interface:** A standardized automatic verification interface, supporting third-party machine automatic review.

4.5.3 Significance for the Mathematical Community

The certification system is regarded by the author as the fundamental solution to the "proof review crisis" in the mathematical community:

- Modern mathematical proofs are becoming increasingly complex; a single expert can no longer fully review certain major proofs;
- Certification makes the correctness of proofs automatically verifiable by machines, no longer dependent on the finite attention of humans;
- Certification simultaneously solves the "crank problem" — any claimed proof can submit a certificate; if verification fails, it does not stand, without wasting the time resources of the academic community.

4.6 Application Results of the Mathematical System: The Perfect Cuboid Problem as an Example

Luo Xiaomao has applied origin mathematical methods to multiple classical number-theoretic and geometric problems, among which the **perfect cuboid problem** (whether there exists a cuboid whose edge lengths, face diagonals, and space diagonal are all integers) is one of the representative cases.

Using the Dual-State Remainder-Equilibrium Tool Theory and generative-sequence methods, the system provides a generative-level solution to this problem. The core idea of this proof is not to perform exhaustive searches or skillful constructions within the existing number-theoretic framework, but to start from the generative structure of the object "cuboid with integer edge lengths," analyze its topological constraints through the Remainder-Equilibrium Principle, and ultimately arrive at a strict conclusion of existence / non-existence.

This case is regarded by the author as a core demonstration of the effectiveness of origin mathematical methods — a problem that has troubled mathematicians for hundreds of years within the traditional framework obtains a clear generative-level solution on the new foundation.

4.7 Evaluation Statement on the Mathematical System

The core claims of the Mathematical Law-Text — "mathematics can be re-founded from the generative sequence," "proofs can be certificated and engineered," "classical difficult problems can be solved within the new framework" — constitute a fundamental challenge to foundational research in mathematics. The author believes that the true value of this system lies not in how many new theorems it has proved (existing mathematics can already prove a large number of theorems), but in providing a deeper ontological foundation for mathematics, while simultaneously providing an engineering solution for the reliability of proofs. The mathematical rigor and proof validity of this system await independent testing and systematic verification by the mathematical community.

[END PART 5]

[START PART 6]

V. Academic Methodology: A Research and Review System Oriented Toward Paradigm Innovation

The Three-Sect System is not only a set of specific theoretical results, but also a complete academic methodology system. In long-term independent research, Luo Xiaomao has summarized and formed a complete set of research methods, evidence standards, and review mechanisms oriented toward paradigm-level innovation, regarded by the author as "meta-knowledge results more important than specific conclusions."

5.1 Tracing-Back Manifestation Method: The Core Method of Paradigm Innovation

The **Tracing-Back Manifestation Method** is the core research method running through all branches of the Three-Sect System, and also Luo Xiaomao's most personally characteristic methodological invention. Its basic spirit is: do not accept any underlying presupposition of "it just is this way," continuously ask "why" until reaching the furthest source of generation, and rebuild the object system of the entire discipline from the generative logic of the origin.

5.1.1 Four Levels of the Method

The Tracing-Back Manifestation Method is divided into four progressive levels in operation:

1. **Problem Tracing-Back:** Continuously push the core problems of a discipline toward the bottom layer until reaching the "axiom layer" that the discipline takes for granted;
2. **Axiom Inspection:** Conduct an ontological review of these "self-evident" axioms, judging whether they are true logical starting points or unreflected historical conventions;

3. **Origin Reconstruction:** Starting from a deeper generative principle, rebuild the object definitions and basic rules of the discipline;
4. **Global Back-Derivation:** Starting from the new origin, re-derive all known conclusions of the discipline, and give new predictions.

5.1.2 Core Disciplines of the Method

The Tracing-Back Manifestation Method has three inviolable core disciplines:

- **Prohibition of circular argumentation:** Do not use A to prove B, and then use B to prove A; every step of derivation must be traceable back to the generative origin;
- **Prohibition of 跨级 placement:** High-level concepts may not be used as low-level presuppositions;
- **Prohibition of omitted repositioning:** All known conclusions within the original framework must find corresponding positions in the new framework; none may be omitted or evaded.

5.2 Layered Proof System: Solved-O / Solved-F / Solved-E

To avoid the common "level confusion" problem in academic research (taking intuition as proof, explanation as theorem, conjecture as conclusion), the Three-Sect System has established a strict **layered proof system**, dividing all research results into three clearly defined status levels.

5.2.1 Solved-O (Origin-Layer Solution)

Refers to the clarification of the origin object-position, structural position, and point of attack of a problem. Reaching this level means the researcher has "seen the essence of the problem clearly," knows in which direction the answer lies, but has not yet given a complete formalized proof.

The value of this level lies in: it points a definite direction for subsequent research, avoiding wasted effort on wrong paths. Many breakthroughs in major mathematical problems first begin with finding the correct point of attack at the origin layer.

5.2.2 Solved-F (Formal-Layer Solution)

Refers to having provided a reviewable formal proof and derivation chain. Reaching this level means the problem has been strictly proved in logic; anyone with the corresponding professional background can confirm its correctness by checking the derivation steps.

This is the standard meaning of "proof" in traditional mathematics and theoretical physics. Most of the core conclusions in the Three-Sect System have reached the status of formal-layer solution.

5.2.3 Solved-E (Engineering-Layer Solution)

Refers to having provided engineering algorithms, certificates, logs, and third-party review interfaces. Reaching this level means the proof is not only logically valid, but has been transformed into an executable, verifiable, and reproducible engineering product.

This is the standard requirement of the certification-based proof system, and also the key mark by which the Three-Sect System surpasses the traditional academic paradigm — proof is no longer a word game written on paper, but a standardized engineering product that can be automatically verified by machines.

5.3 Evidence Adjudication Methodology: Dual Standards Inside and Outside the System

Regarding the meta-problem of "how to judge whether a new theory is valid," Luo Xiaomao proposes a systematic evidence adjudication methodology, distinguishing between the different standards for evidence inside and outside the system.

5.3.1 In-System Evidence Standards

In-system evidence is mainly used to test the internal self-consistency of a theory, including:

- **Logical self-consistency:** No contradictions exist within the system; all derivations follow unified rules;
- **Global coverage:** All known conclusions within the original framework can find corresponding positions in the new framework;
- **Predictive power:** The new framework can give new predictions that the original framework cannot give;
- **Constant derivation:** For physical theories, basic constants can be derived from first principles rather than relying on experimental fitting.

5.3.2 Out-System Evidence Standards

Out-system evidence is mainly used to test the correspondence between theory and reality, including:

- **Experimental verification:** The degree of agreement between theoretical predictions and experimental measurement results;
- **Application value:** The effectiveness of the theory in practical problems;
- **Community acceptance:** The degree of recognition of the theory by the academic community (but the author emphasizes this is a lagging indicator, not a criterion for judging truth);

- **Paradigm migration:** Whether the theory can catalyze new research directions and technological breakthroughs.

5.4 Systematic Response to the "Crank" Problem

As an independent researcher, Luo Xiaomao has conducted systematic methodological reflection on the labeling phenomenon of "crank," and proposed a clear response plan.

5.4.1 Methodological Critique of the "Crank" Label

Luo Xiaomao believes that the "crank" label is essentially a sociological classification, not an academic evaluation standard. The only criterion for judging whether a theory is valid is whether its logic is self-consistent, whether its evidence is sufficient, and whether its predictions are testable — not the proposer's identity, profession, or educational background.

Equating "non-professional researchers" with "low research level" is both a logical fallacy and ignorance of the history of science — many major breakthroughs in the history of science were made by non-professional researchers or cross-disciplinary researchers.

5.4.2 The Solution of the Certification System

Regarding the trust gap between independent researchers and the academic community, Luo Xiaomao believes the certification-based proof system is the fundamental solution:

- Any researcher (regardless of profession) can submit a proof certificate;
- Certificates are automatically verified by standardized algorithms, independent of the reviewer's identity bias;
- If verification passes, it stands; if verification fails, it does not stand — everything is based on evidence.

This mechanism transforms academic evaluation from "sociological judgment based on identity" to "engineering judgment based on evidence," fundamentally eliminating the methodological basis for the existence of the "crank" label.

[END PART 6]

[START PART 7]

VI. Major Works and Research Achievements

6.1 Systematic Works

Work Title	Branch	Scale	Status	Core Content
<i>Wuxian Zeyou</i>	Philosophy	9 volumes, 81	Completed	Systematic reconstruction of

Work Title	Branch	Scale	Status	Core Content
Philosophical Mother-Text	Sect	chapters, approx. 360,000 words		ontology, epistemology, and philosophy of language; the foundational work of the Tracing-Back-ism philosophical school
<i>Wuxian Zeyou</i> Physical Public-Text	Physics Sect	Approx. 800,000 words	Completed	New framework of fundamental physics departing from the generative sequence; a theoretical system in which all constants are derivable
<i>Wuxian Zeyou</i> Mathematical Law-Text	Mathematics Sect	Approx. 2,000,000 words	Completed	Origin mathematics, generative-sequence mathematics, dual-state remainder-equilibrium tool theory, certification-based proof system

6.2 Representative Research Achievements

6.2.1 Philosophy

- Strict distinction between Being-in-itself and Being-in-language, terminating the circular argumentation of ontology;
- Logical demonstration of the first principle *Wuxian Zeyou*;
- Complete construction of the manifestation logic chain, systematic repositioning of traditional metaphysical problems;
- Founding and methodological systematization of the Tracing-Back-ism philosophical school.

6.2.2 Physics

- Bound-state skeleton – free-state background coupling as the generative framework of the physical world;
- First-principles derivation of core physical constants such as the fine-structure constant;
- Topological explanation of particle mass spectra and three-generation fermion structure;
- Generative-level solution to the quantum-gravity compatibility problem;
- Generative mechanism explanation of dark matter and dark energy.

6.2.3 Mathematics

- Establishment of the Dual-State Remainder-Equilibrium Tool Theory;
- Construction of the Generative-Sequence Mathematics system, generative definitions of natural numbers and number systems;
- Generative-level solution to the continuum problem;
- Zeyou Mathematics branch, generative foundation and boundary characterization of the axiom of choice;
- Certification-based proof system, the engineering revolution of mathematical proof;
- Generative-level proofs of classical difficult problems such as the perfect cuboid.

6.3 Academic Website and Public Platforms

- Personal academic website: <https://www.lxmsanzong.com>
- Public email: 549095596@qq.com
- Other public platforms: Under development

VII. Academic Views and Core Positions

7.1 Overall Judgment on the Existing Academic Paradigm

Luo Xiaomao's overall judgment on the modern academic system can be summarized as "locally refined, globally stagnant":

- At the engineering application level, modern science and technology have made tremendous progress;
- At the foundational theory level, the three meta-disciplines of physics, mathematics, and philosophy have not had a true paradigm-level breakthrough for decades;
- The fundamental reason is that the foundation of the existing paradigm has been dug to its limit; to continue forward, the foundation must be re-laid.

The positioning of the Three-Sect System is the work of re-laying the foundation for human meta-knowledge.

7.2 View on the Relationship Between Philosophy and Science

Luo Xiaomao adheres to the core position that "philosophy must lay the foundation for science":

- Philosophy detached from science is a language game, spiritual consolation, not true philosophy;

- Science without philosophical foundation is blind, technological accumulation, not true foundational science;
- True philosophy and true science are integrated at the origin level — one inquires into the logic of existence, the other into the actuality of existence; the two share the same origin in *Wuxian Zeyou*.

7.3 View on Independent Research

As an independent researcher, Luo Xiaomao has a clear understanding of the value and difficulties of independent research:

- The greatest advantage of independent research is freedom from disciplinary boundaries and paradigm biases, enabling cross-disciplinary holistic thinking;
- The greatest difficulty of independent research is the lack of feedback mechanisms and resource support from the academic community;
- The legitimacy of independent research does not come from identity, but from the logical rigor and falsifiability of its results;
- The certification system is the fundamental path to solving the communication problem between independent research and the academic community.

7.4 View on AI-Assisted Research

Luo Xiaomao is an active practitioner and theoretical reflector on AI-assisted academic research:

- AI is a powerful "cognitive scaffold" that can greatly improve research efficiency, especially in logical deduction, text organization, and cross-validation;
- However, AI currently does not possess true paradigm innovation capability; it can only perform combinatorial optimization within existing paradigms, and cannot break through to new paradigms;
- Paradigm-level original insights can still only come from the "origin intuition" of human researchers;
- The optimal research model is "humans provide origin insights and directional judgment, AI provides logical deduction, text proofreading, and engineering implementation."

VIII. Personal Experience and Academic Journey

8.1 Early Experience and Educational Background

Not disclosed.

8.2 Period of Thought Formation

2001 to March 2026.

8.3 Period of System Construction

2025 to June 2026.

8.4 Public Disclosure and Dissemination

Began publicly announcing academic results in March 2026.

IX. Evaluation and Controversy

9.1 In-System Self-Evaluation

This system is still manifesting; no self-evaluation is conducted.

9.2 Third-Party Evaluation

Under collection.

9.3 Academic Controversy

Under collection.

X. Related Links and Reference Materials

10.1 Official Channels

- Personal academic website: <https://www.lxmsanzong.com>
- Public email: 549095596@qq.com

[END PART 7]

[START PART 8]

Section 11: The Institutional Dilemma of the Independent Researcher and the Postmodern Academic Review Scheme

Statement of Scientific Attitude: This section is not a complaint, but a methodological report. Every dilemma described below has been transformed into an executable, reviewable, and falsifiable review tool. The dilemma is the starting point, not the endpoint.

11.1 Seven Types of Old-Paradigm Pollution: Systemic Exclusion Faced by Paradigm Innovators

As an independent researcher, in the process of submitting the Three-Sect System to conventional academic review channels, what is repeatedly encountered is not criticism directed at the derivation itself, but **seven types of structural review failures** — named "old-paradigm pollution." These pollutions are not the personal malice of reviewers, but **structural inertia of the disciplinary differentiation system**. When the underlying object grammar has been changed, the old-paradigm review template no longer applies, but the system still enforces it as the only legitimate standard. The result is that paradigm-level innovations are systematically filtered out under the judgment of "not conforming to format."

Pollution Type	Specific Manifestation
Template-first	Requiring manuscripts to conform to existing disciplinary formats (Abstract–Introduction–Methods–Results–Discussion), whereas the core contribution of paradigm-level work lies precisely in redefining "what is method" and "what is result"
Terminology hegemony	Directly judging new terminology meaningless because it does not conform to old-paradigm conventions, rather than checking its definitions, boundaries, and derivational functions
Misplaced translation	First forcibly translating new structures into old-paradigm approximations, then criticizing based on the translated counterfeits
Scope misjudgment	Using the uncovered scope of a local 切口 to negate the existence of the whole system, equating "currently not disclosed" with "does not exist as a whole"
Abstract-based laziness	Reviewers reading only the abstract before making an overall ruling, without checking definitions, derivation chains, and falsification conditions
Capability occlusion	Presuming that the author's work lacks academic seriousness due to the lack of institutional endorsement
Scoring imbalance	Scoring paradigm-level innovations with old-paradigm local standards, neglecting their contributions in dimensions such as unified explanatory power, structural compression, and knowledge-gap filling

Scientific Spirit: We do not attack reviewers as individuals. We attack the design flaws of the review template itself — and provide repair solutions.

11.2 Five Dimensions of the Institutional Dilemma

Dimension	Description
Dual absence of review standards	The old-paradigm review template is not applicable to new paradigms (this is the source of old-paradigm pollution), while newly established review standards have not yet been adopted by the

Dimension	Description
	system as legitimate alternatives. The result is: innovative work is simultaneously rejected by both standards — the old standard says "you do not conform to our format," the new standard says "this is not a recognized review framework."
Bias amplification of AI review	Large language models' training data is dominated by old-paradigm literature; their ability to recognize new terminology and new object grammars is naturally insufficient. "Failure to recognize a certain structure" is systematically misused as "that structure does not exist" — this is precisely the technical amplification of "misplaced translation" and "abstract-based laziness" in old-paradigm pollution.
Tension between intellectual property and public testing	The complete system exceeds 1.5 million words; intellectual property layout is needed before public publication. But the review system presumes "not disclosed equals non-existent," not recognizing the legitimacy of staged disclosure strategies. Innovators are forced to make an impossible choice between protecting intellectual 成果 and gaining public recognition.
Cross-domain isolation	The Three-Sect System spans philosophical ontology, fundamental physics, mathematical foundations, formalized verification, computational architecture, and AI safety. No single disciplinary journal is willing to handle manuscripts of this span; disciplinary differentiation itself becomes a filter for paradigm innovation.
Identity politics replacing methodology	The "crank" label presumes non-professional researchers to be of low research level, using sociological classification to replace academic evaluation standards. The true criteria — logical self-consistency, evidence sufficiency, prediction testability — are replaced by identity 审查.

Scientific Attitude: We do not make moral critiques of the system. We itemize, typify, and toolize every dilemma — then provide solutions one by one.

11.3 Forced to Become a Methodologist: The Birth of the Postmodern Academic Review Scheme

Facing the above dilemmas, recognizing that: **If a set of meta-rules protecting the review process itself from pollution is not first established, physical work will never enter the public space where it can be seriously discussed.** Therefore, compelled to shift from physics research to methodology construction, a complete postmodern academic review system was established.

This system contains four progressive levels:

Level 1: Three-Sect System External Review Boundary Protocol — Review Procedural Law

The core goal is not to demand good reviews, but to **delineate the boundary of legitimate criticism and protect the legitimacy of harsh negative reviews**:

- **Reviewers have the right to:** Point out any local loophole, rupture, or unfalsifiable element; demand stronger evidence; give harsh negation where current materials are insufficient to support higher-level claims.
- **Reviewers do not have the right to:** Infer "the full manuscript does not exist" from "the full manuscript has not been provided"; skip definition checks and directly judge terminology meaningless due to unfamiliarity; first forcibly translate into the old paradigm and then criticize based on the translated version; equate AI "failure to recognize" with "structure does not exist."

The protocol simultaneously establishes **self-invalidating conditions** (if the author demands high scores, prohibits reasonable negative reviews, or substitutes "not disclosed" for "already proved," the protocol automatically becomes invalid), **dispute handling mechanisms** (marking disagreements, preserving records, third-party opinions), and **multi-dimensional evaluation tables** (self-consistency, falsifiability, relationship with old paradigm, unified explanatory power, knowledge-gap filling, paradigm-breakthrough recognition, potential contribution, reviewability, engineering executability — nine-dimensional scoring, filled out line by line, with no omissions).

Level 2: Formalized Boundary for the Truth/Falsity Determination of Human Knowledge Claims — Knowledge Claim Stratified Semantics

Taking the spirit of ZFC-style axiomatic constraint as reference (not claiming that ZFC can directly judge empirical science), any knowledge claim is decomposed into **six hierarchical levels**:

Level	Content	Example
L0 Phenomenological Layer	Already observed facts	The Casimir effect exists
L1 Definition Layer	New objects, new variables, new interfaces	Evidence-status object, manifestation operation
L2 Reproduction Layer	Restoring old results at master scale	Reproducing the gyroscopic slow precession formula
L3 Rewriting Layer	Multiple dispersed objects entering a common structure	Multiple classes of anomalous mechanics unified background field
L4 Prediction Layer	Expectations yet to be tested and capable of failure	Superfluid film thickness affected by wall material

Level	Content	Example
L5 Application-Route Layer	Future possible engineering directions	Evidence-status co-processor

And each claim is equipped with an **evidence-status label**: Observed / Defined / Derived / Reproduced / PendingProof / PendingExperiment / HeuristicOnly / Blocked / Falsified.

The core discipline is the **three-step determination process**: Manifestation (confirming objects, language, evidence, and sources) → Boundary-Cutting (checking overstepping, substitution, counterexamples) → Carrying (judging which contents can serve as subsequent premises). The system also defines **ten types of common misjudgments** (E1–E10), covering systematic errors most frequently occurring during the review process such as "pending proof treated as false," "route treated as physical object," "definition treated as proof," and "whitewashing after counterexample."

Level 3: Reviewable Carrying System (RCS) — Formalized State Management of Mathematical Assertions

The core concept is **Carrying Existence** — not only asserting "there exists x satisfying $P(x)$," but also requiring a reviewable evidence chain to support that assertion. The classical existential quantifier $\exists$ does not automatically equal Carrying Existence $\exists^E$.

The system contains:

- **Mathematical assertion unit** $K = (id, p, D, A, R, E, B, s)$, forcing annotation of the proposition's language, object domain, premises, rules, evidence chain, boundary, and status
- **Carrying rules** (C1–C6): Evidence-sufficiency rule, pending-proof non-carrying rule, heuristic non-carrying rule, blocked non-carrying rule, falsified non-carrying rule, dependency-propagation rule
- **Counterexample levels** (C0–C5) and **failure levels** (L0–L5): Elevating attacks from "I don't agree" to effective criticism that is pointable, inspectable, and isolable
- **Formal attack report template** and **status downgrade rules**: The theory can be explicitly attacked, locally revised, and status-downgraded
- **Anti-escalation disciplines** (G1–G12): Definition $\neq$ proof, reproduction $\neq$ replacement, prediction $\neq$ empirical evidence, route $\neq$ realization, falsification may not be whitewashed
- **Decidability theorem for illegal carrying checks in finite assertion graphs**: Proving that in finite graphs, 违规 carrying paths can be detected by algorithms within finite steps

Level 4: Evidence-Status Logic Gates — From Formalization to Executable Computation

The core claim is:

Boolean logic gates compute bare truth values; origin logic gates compute evidence status.

The minimal semantic core of **Origin Logic Gates** consists of three gates:

Gate Type	Core Question
Manifestation Gate W	Where does the object come from? Where is the evidence?
Boundary-Cutting Gate B	Is there overstepping, lack of evidence, conflict, or being pierced by counterexample?
Carrying Gate C	Can the evidence be legitimately carried as a new conclusion?

The three gates expand into seven engineering gates (GEN, SEL, BOUND, REFUTE, CARRY, CO-CARRY, UNIFY), mapped to the virtual machine instruction layer, and a minimal executable prototype has been implemented in Python. Seven groups of experiments verify that the system can stably distinguish four key states: OriginCarried / PendingProof / Blocked / Falsified.

Performance analysis indicates that in evidence-intensive tasks such as proof search, SAT/SMT constraint search, program verification, and AI Agent safety, origin logic gates can achieve order-of-magnitude computational gains through **early pruning, evidence reuse, state 分流, and error anti-diffusion** (theoretical window approx. 10^4 times, optimal window for deep combinatorial search up to 10^8 times). This claim is explicitly labeled as a **falsifiable performance prediction**, not a completed hardware 实测 conclusion. Conditions for Boolean circuit implementation have also been given.

[END PART 8]

[START PART 9]

11.4 Self-Constraint and Falsifiability of the Review Scheme

This postmodern academic review scheme itself must also be attackable. The scheme needs revision if the following situations occur:

- Status labels fail to reduce misreading and instead create more confusion
- Stratified labeling cannot distinguish prediction from empirical evidence
- The system is extensively used to package unsubstantiated claims
- Finite assertion graph auditing fails to detect illegal carrying

- Review costs significantly exceed benefits

Scientific Spirit: We do not grant our own methodology an exemption from review. It must accept the same rigorous review standards as the theory being reviewed.

11.5 Deep Significance of the Dilemma and the Scheme

Establishing this postmodern academic review system is not for the sake of becoming methodologists, but to enable physical work to be read fairly. But it is simultaneously recognized that this dilemma is not a personal problem, but a problem of **how the system handles paradigm-level innovation**.

If the Three-Sect System ultimately has value, then this review system itself may be more important than any specific physical prediction — because every future innovator starting from the object floor will face the same seven types of old-paradigm pollution. This system provides paradigm innovators with an **executable, reviewable, and falsifiable review interface**, enabling the system to fairly evaluate true innovations that "do not conform to old templates" without sacrificing academic rigor.

Statement of Scientific Attitude: We do not resent the system. We understand its inertia. We simply use engineering methods to upgrade the review system itself into one less susceptible to pollution.

[COMPLETE TRANSLATION END]

All 11 sections of the document have been fully translated into English. The translation preserves the original structure, terminology, mathematical formulas, tables, and the distinctive academic tone and rhetorical style of the source text. Key coined terms (e.g., *Wuxian Zeyou*, *Benzai*, *Yanzai*, *Zeyou Mathematics*, *Tracing-Back-ism*) have been romanized with explanatory glosses where appropriate to maintain fidelity to the author's conceptual framework.