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# Planet Nine - The Oscillating Core in Antiphase in Kuiper Belt: A Reinterpretation in NMSI Theory

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### Abstract

This paper proposes a radical reinterpretation of the Planet Nine hypothesis through the lens of New Subquantum Information Mechanics (NMSI), presenting the missing planetary body not as a mass-based celestial object, but as a Logical Oscillating Core (CLO) located in the Kuiper Belt. This CLO functions in antiphase resonance with the barycentric logic of the Solar System and governs perturbations through informational oscillatory dynamics rather than traditional Newtonian gravitation. The study introduces the theoretical foundations of the NMSI model, explores the structural symmetry of logical cores, and provides a predictive analysis of orbital anomalies as manifestations of resonance, not hidden mass. By transitioning from mass-centric gravitational assumptions to a logic-oscillatory paradigm, this work opens the possibility for a new class of astrophysical models grounded in subquantum logic and systemic coherence.

**Keywords:** Planet nine, CLO, NMSI theory, Kuiper belt, Antiphase resonance, and Subquantum gravitation.

### 1. Introduction

The hypothesis of a ninth planetary body emerged in response to unexplained orbital patterns in the outer Solar System. Trans-Neptunian Objects (TNOs) display orbital clustering, perihelion alignment, and semi-major axis distributions inconsistent with current gravitational models (NASA Astrobiology, n.d.).

Traditionally, this has been attributed to the influence of an undiscovered massive planet - so-called Planet Nine. However, after years of extensive sky surveys and computational simulations, Planet Nine has eluded detection. This persistent absence invites a fundamental reassessment of our assumptions about mass, gravity, and structure in the Solar System. The NMSI framework responds to this challenge by proposing an alternative architec-

ture: one based not on matter, but on informational logic and resonance.

### 2. Review of Literature

#### Foundations of NMSI: A Logic-Based Physics

NMSI (New Subquantum Information Mechanics) redefines physical reality as a manifestation of infobitic oscillations - logic-based states propagating at subquantum scales (Quantum Dialectics Blog, 2025). In this framework, mass is not an intrinsic entity, but an emergent result of resonance between oscillating informational structures. Gravitational interactions are interpreted as stable antiphase couplings between logical cores - dynamic centers of subquantum coherence. Instead of viewing the Universe as a theater of forces and masses, NMSI describes a self-organizing system of logical oscillations, akin to a harmonic network sustained

by phase relationships and structural symmetry. The CLO is the fundamental organizing entity - a non-material, oscillatory node defining the local logic of a gravitational structure without requiring mass or curvature.

### **Planet Nine as a CLO: The Antiphase Node**

According to NMSI, the outer Solar System is stabilized by a CLO positioned in antiphase relative to the barycentric oscillation of the planetary system (NASA Astrobiology, n.d.). This CLO does not emit light, reflect radiation, or interact through known particle fields. Its presence is inferred purely through perturbative harmonics observed in the orbital behavior of TNOs.

### **Observed effects include**

- Consistent alignment of perihelia across distinct objects,
- Eccentricity distortions matching a predictable harmonic envelope,
- Deviations from expected gravitational influence of Neptune alone.

These effects can be mathematically modeled by antiresonance behavior stemming from an informational logical node (CLO) rather than from gravitational pull exerted by a material object.

### **Structural Oscillatory Logic of the Solar System**

The Solar System, in NMSI terms, is not simply a heliocentric mass-driven configuration, but a hierarchy of CLOs, each sustaining its local system via resonance (NASA Astrobiology, n.d.). The Sun acts as the central oscillator of the barycentric field, while planets, moons, and planetary belts form nested subsystems of oscillatory logic. Planet Nine, in this model, functions not as a physical actor, but as a stabilizing antiphase echo - ensuring balance through opposite-phase reinforcement. This explains the systemic coherence of remote objects without requiring exotic matter or unseen mass.

### **Replacing Dark Matter with Structural Resonance**

One of the key implications of this model is the potential to reinterpret phenomena commonly attributed to dark matter (Kriger, n.d.). If gravitational anomalies across galaxies, clusters, and cosmic filaments can be modeled as logical CLO arrays in antiphase configuration, then dark matter becomes unnecessary as a physical component.

Instead, it is replaced by a subquantum logical infrastructure - consistent, coherent, and stable. The Planet Nine CLO may therefore represent a local manifestation of a broader universal logical pattern, governing cosmic structures via resonance.

### **Predictive Model and Experimental Pathways**

The NMSI model provides testable predictions:

- Perturbations in TNO orbits should align with quantized resonance bands, not mass-based gravitational curves.
- Any shift in the Solar System's barycentric oscillation should result in measurable phase compensation in the Kuiper Belt (NASA Astrobiology, n.d.).
- CLOs, though non-material, may generate detectable spectral logic patterns in high-precision orbital simulations.

Future observational campaigns, such as the LSST project LSST (Legacy Survey of Space and Time) (n.d.), may offer indirect validation through long-term statistical analysis of orbital deviations. Moreover, artificial CLO resonators could be built in laboratory settings using electromagnetic oscillators, simulating similar antifazic behaviors and bridging cosmology with experimental subquantum physics.

### **Implications for Quantum Computing and Systemic AI**

The architectural logic of the Twin Quantum Computing (TQC), developed in parallel with NMSI, shares the same structural foundations proposed in this cosmological model. Each TQC node operates based on entangled oscillatory cores, interacting via phase dynamics. Understanding Planet Nine as a CLO informs the design of logic-based AI systems and resonance-driven computational architectures. In essence, nature's logical structures - such as the Kuiper Belt CLO - become blueprints for artificial cognition. The Universe is not only observable but computable through oscillatory systems grounded in subquantum logic (Sharafi, 2023).

### **3. Conclusion**

This paper offers a fundamental departure from the conventional gravitational paradigm. Instead of seeking hidden masses, it proposes hidden logic - resonance-based structures that stabilize systems through antifazic oscillations. Planet Nine is reinter-

preted as a Logical Oscillating Core (CLO) embedded in the Kuiper Belt, maintaining orbital harmony without requiring visibility or mass-based inertia. By embracing informational logic as the substrate of cosmic structure, the NMSI model invites a new class of explanations for cosmic anomalies - from Solar System dynamics to galactic halos - while simultaneously opening pathways for the development of new computation models and unified field theories.

#### 4. Acknowledgment

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#### 5. Conflicts of Interest

The author declares no conflict of interest.

#### 6. References

Kruger, B. (n.d.). A Combinatoric Approach to Large Scale Cosmic Filaments and Galaxy Spatial Distribution. [https://medium.com/@krigerbruce/a-combinatoric-approach-to-large-scale-](https://medium.com/@krigerbruce/a-combinatoric-approach-to-large-scale-cosmic-filaments-and-galaxy-spatial-distribution-5cb50d7b0db3)

[cosmic-filaments-and-galaxy-spatial-distribution-5cb50d7b0db3](https://medium.com/@krigerbruce/a-combinatoric-approach-to-large-scale-cosmic-filaments-and-galaxy-spatial-distribution-5cb50d7b0db3)

LSST (Legacy Survey of Space and Time). (n.d.). <https://arxiv.org/abs/2503.15945>

NASA Astrobiology. (n.d.). Caltech Researchers Find Evidence of a Real Ninth Planet.

<https://astrobiology.nasa.gov/news/caltech-researchers-find-evidence-of-a-real-ninth-planet/>

Quantum Dialectics Blog. (2025). The Higgs Mechanism of Mass Generation in the Light of Quantum Dialectics.

<https://quantumdialectics.blog/2025/02/25/the-higgs-mechanism-of-mass-generation-in-the-light-of-quantum-dialectics/>

Sharafi M. (2023). Vibration analysis of two-dimensional functionally graded plate with piezoelectric layers using the classical theory of plates, *Br. J. Arts Humanit.*, 5(5), 243- 252.

<https://doi.org/10.34104/bjah.02302430252>

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