

APh DOCTRINE: A Set-Theoretic Model of Reality

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DOCTRINE FORMULA:

ABSOLUTE	OR	Objective Reality
ALL	$1^\infty \langle \mathfrak{U}, \mathfrak{U} \rangle (1, 1) [1, 1, 1]$	Everything unknowable, everything knowable, everything that is, always.
NOTHING	$0^\infty \langle \emptyset, \emptyset \rangle (\emptyset, \emptyset) [\emptyset, \emptyset, \emptyset]$	Nothing from the unknowable, nothing from the knowable, It's nothing, Didn't exist, doesn't exist, won't exist.

$$\text{OR} \equiv 1^\infty \bigcup 0^\infty$$

$$\text{THEN } \text{OR} \implies \top ! |^{\text{OR}} (B \wedge \nabla(B)) \downarrow \text{Ax}_{\text{OBJ}} |^{\text{OR}} \vdash \mathcal{S}^{*\circ} \langle B_1 \dots B_n ; \Sigma \rangle \Rightarrow \mathfrak{AR} \equiv \langle \mathfrak{A}, \mathfrak{R}; \Sigma \rangle$$

$$\text{REFUTATION } \mathfrak{D} : \mathcal{S}^{*\circ} \rightarrow 0^\infty \sim \mathfrak{D} \implies \neg(\mathcal{S}^{*\circ} \rightarrow \mathfrak{AR})$$

ABSTRACT

The APh Doctrine establishes a formal framework for interpreting reality through a closed architectural model. By utilizing set-theoretic formalism and the principle of generative closure, it defines the limit of cognition and the synthesis of derivative realities.

PRINCIPAL IMPLICATIONS

Mathematics

- Indeterminacy: Formal substantiation of the impossibility of overcoming fundamental uncertainty.
- Axiomatic Logic: Re-evaluation of the Axiom of Choice and Gödelian Completeness/Incompleteness within the APh framework.

Physics

- Ontology of Entities: Theoretical physics is defined as operating with objects of "phantom reality."
- Temporal Reality: Time, its derivatives, and terms containing "Time" are identified as lacking independent physical existence.
- GUT: The construction of a Grand Unified Theory is proven to be fundamentally impossible.
- Schrödinger's Discovery: Conceptual substantiation of wave mechanics and quantum phenomena.

Biology and Chemistry

- Structure of Matter
- The Living
- Evolution.

Economics and Finance

- Money–Time Identity: The core of financial information system, leading to their reconfiguration.
- Property–Object of Law Identity: Refutation of the classical Property theories of Smith, Ricardo, Marx, and Coase.
- Redefining the Institution.

Social Governance

- Human
- Society
- State

AI, UIS & ERP

- Deployment of a new "engine" for AI. Integrating APh with existing technologies will result in a radical leap in data processing power.
- Universal Information System (UIS): The core for next-generation informational and operational systems.
- A family of applied ERP systems based on the UIS.