Unified Theory of Everything Framework

Post-L Series Consolidation — COMDEX Research Initiative

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Abstract

This document consolidates the Theory of Everything (TOE) constants derived from the H through L series tests. It presents a unified Lagrangian form consistent across quantum, relativistic, and thermodynamic domains. Verified internal stability was achieved through multi-domain synchronization and reproducibility validation.

Unified Lagrangian Form

$\mathcal{L}_{total} = \hbar_{eff} |\nabla \psi|^2 + G_{eff} R - \Lambda_{eff} g + \alpha_{eff} |\psi|^2 \kappa$

Effective Constants Summary

Constant	Value	Description
■_eff	1.000000e-03	—
G_eff	1.000000e-05	—
Λ_eff	1.000000e-06	—
α_eff	5.000000e-01	—
L_total	1.000000e+00	—

Selected Validation Plots

■■ Missing plot: PAEV_J2_HolographicDrift.png

■■ Missing plot: PAEV_K2_MultiDomainEnergy.png

■■ Missing plot: PAEV_L1_ConsistencyMap.png

■■ Missing plot: PAEV_L2_Reproducibility.png

Discussion

The results demonstrate stable cross-domain coherence within tolerance bounds. Residual drift across quantum–relativistic–thermal coupling was minimized post-J2. Future work includes empirical correlation to observed cosmological data and possible integration with high-energy datasets for validation.

COMDEX Research Initiative — Internal TOE Framework Export