OTEK: Oren Topological Entropic Gravity Theory

Overview and Introduction

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OTEK (Oren Topological Entropic Gravity Theory) presents an extended gravitational framework that goes beyond classical general relativity by integrating entropic information flow, topological structures, and quantum field theories. This theory utilizes AI-driven variational equations for both theoretical modeling and simulation-based validation.

OTEK redefines gravity not merely as geometric curvature but as an **entropic field** shaped by topological-information interactions.

Core Objectives of the Theory

- To unify gravity and quantum theory in an entropic-tensorial framework
- To integrate the topological weave structure of time with quantum information theory
- To optimize theoretical and experimental simulations via AI-supported variational methods
- To establish a renormalization-compatible, causality-preserving gravitational structure

OTEK introduces novel components such as entropic tensor fields, AI-regulated variational dynamics, and topological phase transitions.

This document provides a general overview without mathematical formulas or technical derivations. For full theoretical content, please refer to the primary PDF files.

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Note

All theoretical, algorithmic, and mathematical structures presented in this theory were solely developed by the author. The work is open for academic referencing and scientific evaluation.