

# **Chrono-Spatial Analysis of the Outer Wilds System**

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A Case Study on Macroscopic Quantum Phenomena and Time Loop Topology

**Hearthian Research Division**

## Expedition Log

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Introduction to the System

Temporal Dynamics

Quantum Mechanics

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## Introduction to the System

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## Research Objective: The Solar System

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We aim to map the celestial bodies and anomalies of the local star system before the impending stellar event.

- Primary Targets

- The Hourglass Twins: Sand transfer dynamics and high-energy readings.
- Brittle Hollow: Crustal stability and the black hole singularity.
- Dark Bramble: Spatial distortion and biological hazards.

- Key Anomalies Detected

- Rapid stellar evolution (Supernova imminent).
- Temporal discontinuities (Time Loop phenomenon).

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## Temporal Dynamics

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## The Ash Twin Project (ATP)

The ATP acts as the central processing unit for the memory transmission protocol.

### Hypothesis: Memory Transmission

Information is sent back in time by exactly 22 minutes using the energy of a supernova, effectively violating causality to preserve knowledge.

### Critical Warning: Supernova Event

The sun has reached the end of its main sequence life cycle. Total system annihilation is guaranteed at  $T = 22 : 00$ .

## Topological Structure of the Loop

The time loop can be modeled as a closed timelike curve (CTC). The **Advanced Warp Core** inside Ash Twin is responsible for opening the singularity.

$$\oint_C ds^2 < 0 \quad \text{where } \Delta t = -22 \text{ min}$$

- **Trigger:** Sun Station (Failed).
- **Power Source:** Natural stellar death (Success).

### Status Report

- > WARP CORE: ACTIVE
- > MASKS: PAIRED
- > MEMORY: UPLOADING...

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# Quantum Mechanics

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## Macroscopic Quantum Rules

Unlike standard physics, quantum phenomena in this system are observable on a planetary scale (e.g., the Quantum Moon).

### The Rule of Quantum Imaging

"Observing an image of a quantum object is equivalent to observing the object itself."

- **Entanglement:** Standing on a quantum object allows the observer to become quantum.
- **The Sixth Location:** The Quantum Moon exists in a superposition of states around all 5 planets and the Eye.

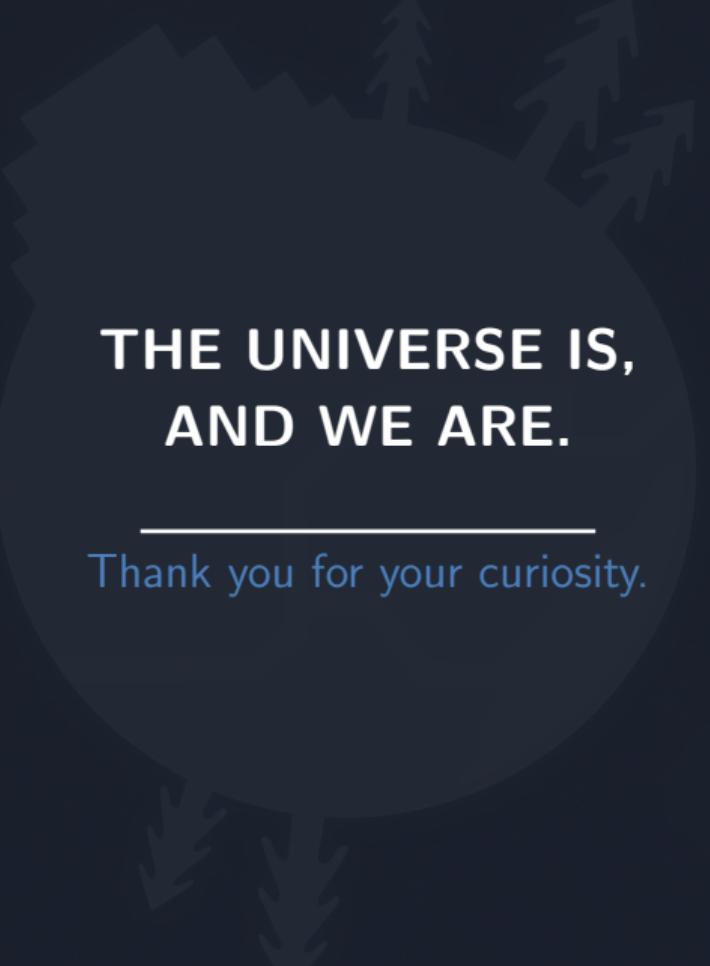
## Conclusion: The Eye of the Universe

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The Eye is older than the universe itself. It acts as a macroscopic observer, potentially collapsing all possibilities into a new reality.

### Final Consensus

The search for the Eye is not about saving this universe, but birthing the next.



**THE UNIVERSE IS,  
AND WE ARE.**

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Thank you for your curiosity.