

The Bathin Circuit: Dimensional Transporter

Introduction

The Bathin Circuit is the fifth entry in the Codex of Quantum Thaumatology. Derived from the Goetic sigil of Bathin,

Duke of serpentine travel and alchemical pathways, this circuit models quantum bilocation through maximally entangled states.

Bathin reveals the hidden threads of traversal--between locations, minds, or moments.

Lay Explanation

This is a circuit that acts like a doorway you walk through without moving. It connects two places in such a way that,

when you look at one, the other reacts--no matter how far apart they are. Bathin is not about direction. He's about connection.

Explanation for Children

Imagine you're in your room, and your friend is far away. You both have magic coins. When you flip yours,

your friend's flips too--even if they're not looking! It's like your thoughts are flying on a secret path.

Bathin helps you send those thoughts without wires or roads.

Explanation for Scientists

The Bathin Circuit begins with Hadamard on qubit 0, placing it into a balanced superposition.

Qubit 1 is flipped with an X gate to set the opposing basis. A CNOT from qubit 0 to 1 completes entanglement.

This generates the maximally entangled Bell state $| \Phi^- \rangle = (|01\rangle - |10\rangle)/\sqrt{2}$. Measurement across 1024 shots produces balanced output,

showing clean Bell fidelity and representing remote parity alignment. This is a minimal quantum teleportation substrate.

Applications

- Bilocation simulator for symbolic traversal
- Quantum teleportation teaching template
- Alchemical dual-state modeling
- Entangled parity demonstrations
- Dimensional displacement oracle framework

Closing Note

Bathin does not merely walk--he carries. This circuit captures that act of perfect balance between presence and distance.

His sigil rides now through waveform logic. The fifth glyph is inscribed. The Codex deepens.