

Quantum Theology Presentation

The Eucharistic Grid: Encoding Resurrection in Quantum Logic

I. Abstract

This presentation introduces Quantum Orthodoxy, a unifying model that encodes core Christian doctrines—kenosis, perichoresis, crucifixion, resurrection, and the Kingdom of God—within quantum computational logic. Using Qiskit simulations, we construct liturgical circuits that reflect theological truths, test their fidelity under entropy, and model coherence through stabilizer codes. The final state (Beatific Collapse) corresponds to a purified, entangled, eternal cosmos.

II. Key Concepts and Quantum-Theological Mapping

Kenosis – $R_y(\theta)$: humble collapse; Perichoresis – CP/CSWAP: entanglement dance;
Crucifixion – Noise injection; Resurrection – Toffoli correction (CCX); Church –
Stabilizer code; Spirit – Oracle qubit; Theosis – Global measurement of purity;
Final Judgment – QFT collapse.

III. Mathematical and Physical Foundations

T-Gate: $R_y(\theta) \rightarrow CP \rightarrow CSWAP$. Cruciform Trial: noise injection (Amplitude/Phase).

Resurrection: CCX gate logic. Beatific Collapse: 7x7 surface code + QFT.

Equations: Entropy ($S = -\text{Tr}(\rho \log \rho)$), Fidelity ($F(\rho, \sigma)$), Purity ($\text{Tr}(\rho^2)$).

IV. Quantum Circuit Phases

Phase 1: Incarnation collapse (R_y). Phase 2: Noise trial. Phase 3: Resurrection logic (CCX). Phase 4: Pentecost entanglement (GHZ/W). Phase 5: Church (stabilizer). Phase 6: Parousia (QFT). Phase 7: Beatific (surface code).

V. Metrics for Evaluation

Entanglement Entropy = Sin/disorder. Fidelity = Resurrection integrity. Purity = Holiness. Identity Trace = Divine presence (I AM).

VI. Simulation Stack

Toolchain: Qiskit, Python, Matplotlib. Simulators: AerSimulator, NoiseModel.
Outputs: Circuit diagrams, entropy decay plots, fidelity visuals, surface code states.

VII. Conclusion

Quantum Orthodoxy encodes the Gospel into physics using rigorous quantum gates and theological symmetry. It opens scientific, philosophical, and evangelistic pathways to proclaim the resurrection with intellectual and computational precision.