

Formulating Black Hole Dynamics

The Einstein Field Equations are mapped out using the Riemann tensor and the Ricci scalar. Higher-dimensional metrics for rotating black holes, particularly in five dimensions, are explored.

Integrating Quantum Mechanics

Quantum vacuum fluctuations and the Casimir effect are examined for their potential to harness angular momentum and curvature. This approach aims to develop a "4D/5D Quantum Propulsion Engine" by merging these advanced concepts.

Crafting Quantum Propulsion

A quantum propulsion factor is defined to combine energy densities derived from Riemann curvature and quantum mechanics. The objective is to create a novel propulsion engine that leverages black hole gravitational effects.

Calculating Quantum Factors

Pseudocode is provided to calculate constants, energy densities, and forces, such as the Casimir force. This framework seeks to harness gravitational and quantum effects to advance propulsion systems in higher dimensions.