

Mathematical Formulas from Everything_ToE.md

Theory of Everything Mathematical Formulas

Introduction

This document contains mathematical formulas extracted from the Theory of Everything documentation. The formulas are rendered using LaTeX to ensure proper mathematical notation and readability. Each formula is presented with its name, the equation itself, and a brief description of its significance.

Inline Formula

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$S_{\text{(text{quantum})}}$

Extracted from inline LaTeX notation

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Display Formula

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$$S=\frac{1}{16\pi G}\int d^4x\sqrt{-g}\left[\frac{R}{2}-\Lambda\right]+\int d^4x\sqrt{-g}\left[\bar{\psi}\gamma^\mu D_\mu\psi+(D_\mu\psi)^\dagger(D^\mu\psi)-V(\psi)\right]$$

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Quantum Gravity

Quantum Gravity

$$\hat{G}_{(\mu\nu)}|\Psi\rangle=\hat{T}_{(\mu\nu)}|\Psi\rangle$$

A theoretical framework attempting to reconcile quantum mechanics with general relativity.

A theoretical framework attempting to reconcile quantum mechanics with general relativity.