Multiverse Equation Sheet

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1 Equation Sheet

Sure, here are the equations we've discussed so far:

1. **Simulate Equation**:

$$S = \frac{b \times B \times s_1 \times s_2}{r^2}$$

- S: Simulate force - b: Simulation due to brane - B: Multiversal brane constant - s_1, s_2: Simulable entities - r: Temporal separation

2. **Multiversal Brane Constant (B)**:

$$B \approx 6.674 \times 10^{-119}\, m^9 kg^{-1} s^{-2}$$

3. **Simulation Due to Brane (b)**:

$$b = \frac{6.674 \times 10^{-123}}{s_1}$$

4. **Temporal Separation (r)**: - r should be the temporal separation between simulable entities.

5. **Simulable Entities (s_1 and s_2)**: - Represent entities within the multiverse.

6. **Octyl (o)**:

$$o = \frac{dt}{d\mathcal{T}}$$

- o: Octyl (Simulable Velocity) - dt: Differential of time - $d\mathcal{T}$: Differential of the generalized state in the new manifold

7. **Coeternal (Simulate Acceleration, c)**:

$$c = \frac{b \times B \times s_2}{r^2}$$

These equations describe the foundational concepts and relationships within the multiverse model, considering the effects of higher-dimensional interactions and the nature of simulable entities.