

Standard Model Series

ZBW Mixing Fractions

Preregistered muon g-2 prediction

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Abstract

Preregistered prediction (Feb 07, 2026): Fermilab muon g-2 final result will show $\delta_\mu \sim (2.0-3.0) \times 10^{-7}$. Model: $N_k=4$ tetrahedral cage mixing -- eDP ~68.5%, qDP ~13%, hDP ~18.5%. Formula: $\delta_\mu \sim C \times (f_{qDP} + 0.7 \times f_{hDP})$ with $C \sim 4.0 \times 10^{-6}$.

1. Prediction

$$\delta_\mu \sim (2.0 - 3.0) \times 10^{-7}$$

Preregistered Feb 07, 2026

2. Mixing Model

$N_k=4$ tetrahedral cage: eDP ~68.5%, qDP ~13%, hDP ~18.5%.

3. Success/Falsification Criteria

Success: δ_μ within $(2.0-3.0) \times 10^{-7}$. Falsification: result outside this range or muon g-2 anomaly explained by BSM physics inconsistent with CPP.

References

- [1] Abshier, T.L. (2025). Conscious Point Physics: Foundations. viXra preprint.
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- [3] Particle Data Group (2024). Review of Particle Physics. PTEP 2024.
- [4] Conway, J.H. & Sloane, N.J.A. (2008). 600-Cell Polytope Symmetries.