Curated Paper List (Suggested 26-Paper Publishing Order)

Generated Feb 4, 2026

Notes

Expected authorship date is inferred from the file's last-modified timestamp.

Curated Papers

1. **Recognition Geometry**: `papers/tex/recognition-geometry.tex` (Published; Authorship: Dec 6, 2025)

   Why: Published anchor; establishes recognition quotient and observable geometry.

2. **Recognition Composition Law Primer**: `papers/tex/Recognition_Composition_Law_Primer.tex` (Authorship: Jan 2, 2026)

   Why: States the core composition law for recognition costs.

3. **Uniqueness of the Canonical Reciprocal Cost**: `papers/UNIQUENESS OF THE CANONICAL RECIPROCAL COST.tex` (Authorship: Jan 19, 2026)

   Why: Formal uniqueness proof for J-cost.

4. **d'Alembert Inevitability**: `papers/tex/DAlembert_Inevitability.tex` (Authorship: Jan 19, 2026)

   Why: Forces d'Alembert structure under consistency constraints.

5. **Model-Independent Exclusivity Quotient**: `papers/tex/Model-Independent-Exclusivity-Quotient.te` (Authorship: Jan 16, 2026)

   Why: Exclusivity at the quotient/observable level.

6. **The Cost of Existence**: `The_Cost_of_Existence.tex` (Authorship: Feb 3, 2026)

   Why: Existence as zero-defect; unity as unique existent.

7. **The Law of Inevitable Unity**: `papers/The_Law_of_Inevitable_Unity.tex` (Authorship: Jan 4, 2026)

   Why: Unity/identity forced by cost axioms.

8. **Logic From Physical Cost**: `papers/tex/Logic_From_Physical_Cost.tex` (Authorship: Jan 22, 2026)

   Why: Logic and consistency derived from cost minima.

9. **Recognition Science: Foundations**: `papers/tex/RS-Foundations.tex` (Authorship: Jan 3, 2026)

   Why: Consolidated foundation overview for physics audience.

10. **Eight Axioms Forced**: `papers/tex/EightAxiomsForced.tex` (Authorship: Nov 3, 2025)

    Why: Forcing stack for key axioms (discreteness/ledger/etc.).

11. **Penrose Golden Ratio and Ledger Structure**: `papers/tex/Penrose_golden_ratio_and_ledger_structu` (Authorship: Feb 2, 2026)

    Why: Ledger self-similarity forcing for phi.

12. **Geometric Necessity: Recognition Angle**: `papers/tex/Geometric-Necessity-Recognition-Angle.tex` (Authorship: Jan 27, 2026)

    Why: Recognition angle forced by structural constraints.

13. **Dimensional Rigidity D3**: `papers/tex/Dimensional_Rigidity_D3.tex` (Authorship: Feb 3, 2026)

    Why: Independent arguments forcing D=3.

14. **The Recognition Operator**: `papers/root_papers/The_Recognition_Operator.tex` (Authorship: Jan 8, 2026)

    Why: Dynamics via cost-minimizing operator R-hat.

15. **Formalized Derivations T1-T8**: `papers/tex/Formalized-Derivations-T1-T8.tex` (Authorship: Jan 3, 2026)

    Why: Derivation chain from the Meta-Principle.

16. **CPM Constants Derivation**: `papers/tex/CPM_Constants_Derivation.tex` (Authorship: Dec 1, 2025)

    Why: Derives constants from phi/ledger structure.

17. **Full First-Principles Mass Derivation**: `papers/tex/Full_First_Principles_Mass_Derivation.tex` (Authorship: Jan 31, 2026)

    Why: Charged fermion masses from octave closure.

18. **Neutrino Sector No-Go**: `papers/tex/Neutrino-Sector.tex` (Authorship: Oct 13, 2025)

    Why: Falsifiable constraint on neutrino sector.

19. **Zero-Parameter Quantum Gravity**: `papers/root_papers/quantum_gravity_B_v4.tex` (Authorship: Jan 6, 2026)

    Why: Gravity derivation with zero free parameters.

20. **Dark Energy (ILG II)**: `papers/root_papers/Dark_Energy_Paper2_v4.tex` (Authorship: Jan 7, 2026)

    Why: Cosmology sector within ILG framework.

21. **ILG Galaxy Rotation Curves**: `papers/ILG_Galaxy_Rotation_Curves.tex` (Authorship: Jan 8, 2026)

    Why: Galaxy rotation as RS/ILG prediction.

22. **ILG Validation Synthesis**: `papers/ILG_Validation_Synthesis.tex` (Authorship: Jan 8, 2026)

    Why: Empirical synthesis/validation of ILG outputs.

23. **Recognition-Riemann Final**: `papers/tex/Recognition-Riemann-Final.tex` (Authorship: Dec 24, 2025)

    Why: Riemann application of recognition geometry.

24. **Protein Folding as Phase Recognition**: `papers/tex/protein-dec-6.tex` (Authorship: Dec 6, 2025)

    Why: Biological application of RS dynamics.

25. **Topological Origins of Nuclear Binding Energy**: `papers/tex/Topological_Origins_Nuclear_Binding_` (Authorship: Jan 18, 2026)

    Why: Nuclear binding from 8-tick ledger topology.

26. **Nuclear Magic Numbers (RS Derivation)**: `fusion/papers/Nuclear_Magic_Numbers_RS_Derivation.te` (Authorship: Jan 25, 2026)

    Why: Magic numbers derived from RS structure.