

# T0 Framework Bibliography

December 2, 2025

## Abstract

This document contains the complete bibliography of the T0 Time-Mass Duality framework, including foundational documents, mathematical foundations, particle physics applications, cosmology, and quantum mechanics developments.

## Contents

1	Introduction	1
2	Bibliography	1

## 1 Introduction

The T0 Framework represents a comprehensive approach to theoretical physics, unifying concepts of time-mass duality through mathematical consistency and empirical validation.

## 2 Bibliography

### References

- [1] Pascher, J. (2025). *The Complete Closure of T0-Theory: From  $\xi$  to the SI Reform 2019*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_SI\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_SI_En.pdf)
- [2] Pascher, J. (2025). *T0 Grundlagen / T0 Foundations*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Grundlagen\\_en.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Grundlagen_en.pdf)
- [3] Pascher, J. (2025). *H-Dokument: Complete T0 Framework Master Document*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/HdokumentEn.pdf>
- [4] Pascher, J. (2025). *T0-Energie: Comprehensive Energy-Based Formulation*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0-Energie\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0-Energie_En.pdf)
- [5] Pascher, J. (2025). *System: Complete T0 System Analysis*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/systemEn.pdf>
- [6] Pascher, J. (2025). *Zusammenfassung / Summary: Comprehensive Overview Document*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zusammenfassung\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zusammenfassung_En.pdf)
- [7] Pascher, J. (2025). *T0 Ratio vs. Absolute: The Role of Fractal Correction in T0 Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_verhaeltnis-absolut\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_verhaeltnis-absolut_En.pdf)
- [8] Pascher, J. (2025). *T0 Unified Report: Calculator Results for Masses and Constants*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_unified\\_report.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_unified_report.pdf)

- [9] Pascher, J. (2025). *Mathematical Foundations of Time-Mass Duality with Lagrangian Formalism*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/MathZeitMasseLagrangeEn.pdf>
- [10] Pascher, J. (2025). *Mathematische Struktur / Mathematical Structure Analysis*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Mathematische\\_struktur\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Mathematische_struktur_En.pdf)
- [11] Pascher, J. (2025). *Elimination of Mass: Mathematical Framework*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/EliminationOfMassEn.pdf>
- [12] Pascher, J. (2025). *Elimination of Mass in Dirac Equation: Tables*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Elimination\\_Of\\_Mass\\_Dirac\\_TabelleEn.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Elimination_Of_Mass_Dirac_TabelleEn.pdf)
- [13] Pascher, J. (2025). *Elimination of Mass in Dirac Lagrangian*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Elimination\\_Of\\_Mass\\_Dirac\\_LagEn.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Elimination_Of_Mass_Dirac_LagEn.pdf)
- [14] Pascher, J. (2025). *Lagrangian Comparison: From Complexity to Elegance*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/LagrandianVergleichEn.pdf>
- [15] Pascher, J. (2025). *Simplified Lagrangian Density in T0 Framework*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/lagrandian-einfachEn.pdf>
- [16] Pascher, J. (2025). *Necessity of Two Lagrangians in T0 Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Notwendigkeit\\_zwei\\_lagrange\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Notwendigkeit_zwei_lagrange_En.pdf)
- [17] Pascher, J. (2025). *Complete Energy-Based Formula Collection*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Formeln\\_Energiebasiert\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Formeln_Energiebasiert_En.pdf)
- [18] Pascher, J. (2025). *Dirac Equation in T0 Framework*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/diracEn.pdf>
- [19] Pascher, J. (2025). *Simplified Dirac: From Matrices to Fields*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/diracVereinfachtEn.pdf>
- [20] Pascher, J. (2025). *T0 Fine Structure: Mathematical Derivation of the Fine Structure Constant*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Feinstruktur\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Feinstruktur_En.pdf)
- [21] Pascher, J. (2025). *Comprehensive Analysis of the Number 137*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/137\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/137_En.pdf)
- [22] Pascher, J. (2025). *Extended Fine Structure Constant Analysis*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/FeinstrukturkonstanteEn.pdf>
- [23] Pascher, J. (2025). *Musical Spiral and the Number 137*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/musical-spiral-137-En.pdf>
- [24] Pascher, J. (2025). *T0 Particle Masses: Systematic Mass Calculation of All Fermions*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Teilchenmassen\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Teilchenmassen_En.pdf)
- [25] Pascher, J. (2025). *Comprehensive Particle Mass Calculations*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/teilchenmmassen\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/teilchenmmassen_En.pdf)
- [26] Pascher, J. (2025). *Xi Parameter and Particle Physics*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/xi\\_parmater\\_partikel\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/xi_parmater_partikel_En.pdf)

- [27] Pascher, J. (2025). *T0 Neutrinos: Special Treatment of Neutrino Physics*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Neutrinos\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Neutrinos_En.pdf)
- [28] Pascher, J. (2025). *Neutrino Formula Developments*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/neutrino-Formel\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/neutrino-Formel_En.pdf)
- [29] Pascher, J. (2025). *T0 Anomalous Magnetic Moments: Solution to Muon g-2 Anomaly*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Anomale\\_Magnetische\\_Momente\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Anomale_Magnetische_Momente_En.pdf)
- [30] Pascher, J. (2025). *Complete Muon g-2 Analysis: 0.05 $\sigma$  Agreement with Experiment*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/CompleteMuon\\_g-2\\_AnalysisEn.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/CompleteMuon_g-2_AnalysisEn.pdf)
- [31] Pascher, J. (2025). *Fractal Approach to Muon g-2 Anomaly*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/CompleteMuon\\_g-2\\_fraktal\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/CompleteMuon_g-2_fraktal_En.pdf)
- [32] Pascher, J. (2025). *Detailed Formulas for Lepton Anomalies*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/detaillierte\\_formel\\_leptonen\\_anemal\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/detaillierte_formel_leptonen_anemal_En.pdf)
- [33] Pascher, J. (2025). *Bell Tests and Muon Anomaly Connection*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/bell-myon.pdf>
- [34] Pascher, J. (2025). *T0 Gravitational Constant: Detailed Gravitational Calculations*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Gravitationskonstante\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Gravitationskonstante_En.pdf)
- [35] Pascher, J. (2025). *Geometric Determination of Gravitational Constant*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/gravitationskonstante\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/gravitationskonstante_En.pdf)
- [36] Pascher, J. (2025). *T0 Cosmology: Cosmological Applications of T0 Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_Kosmologie\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_Kosmologie_En.pdf)
- [37] Pascher, J. (2025). *Cosmic: Extended Cosmological Applications*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/cosmic\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/cosmic_En.pdf)
- [38] Pascher, J. (2025). *Hubble Constant Analysis in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Ho\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Ho_En.pdf)
- [39] Pascher, J. (2025). *CMB in Static  $\xi$ -Universe: Temperature Units*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/TempEinheitenCMBEn.pdf>
- [40] Pascher, J. (2025). *Wavelength-Dependent Redshift and Deflection*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/redshift\\_deflection\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/redshift_deflection_En.pdf)
- [41] Pascher, J. (2025). *Apparently Instantaneous Effects in T0 Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/scheinbar\\_instantan\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/scheinbar_instantan_En.pdf)
- [42] Pascher, J. (2025). *T0 QM-QFT-RT: Complete Quantum Field Theory in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_QM-QFT-RT\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_QM-QFT-RT_En.pdf)
- [43] Pascher, J. (2025). *Quantum Field Theory in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QFT\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QFT_En.pdf)
- [44] Pascher, J. (2025). *Deterministic Quantum Mechanics in T0*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QM-DetrmisticEn.pdf>

- [45] Pascher, J. (2025). *Deterministic vs Probabilistic Quantum Mechanics*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QM-Detrmistic\\_p\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QM-Detrmistic_p_En.pdf)
- [46] Pascher, J. (2025). *Testing Quantum Mechanics in T0 Framework*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/QM-testenEn.pdf>
- [47] Pascher, J. (2025). *Dynamic Mass and Non-Local Photons*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/DynMassePhotonenNichtlokalEn.pdf>
- [48] Pascher, J. (2025). *Derivation of Beta Parameter from Field Theory*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/DerivationVonBetaEn.pdf>
- [49] Pascher, J. (2025). *Parameter Derivation Methods*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/parameterherleitung\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/parameterherleitung_En.pdf)
- [50] Pascher, J. (2025). *Resolving the Constants:  $\alpha = 1$* . HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/ResolvingTheConstantsAlfaEn.pdf>
- [51] Pascher, J. (2025). *Relative Number System in T0*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/RelokativesZahlensystemEn.pdf>
- [52] Pascher, J. (2025). *Natural Units Systematics*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/NatEinheitenSystematikEn.pdf>
- [53] Pascher, J. (2025). *Parameter System Dependencies*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/ParameterSystemdipendentEn.pdf>
- [54] Pascher, J. (2025). *Mol and Candela Units in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Moll\\_CandelaEn.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Moll_CandelaEn.pdf)
- [55] Pascher, J. (2025). *Time Analysis in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zeit\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zeit_En.pdf)
- [56] Pascher, J. (2025). *Time Constant Analysis*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zeit-konstant\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Zeit-konstant_En.pdf)
- [57] Pascher, J. (2025). *Kinetic Energy in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Bewegungsenergie\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Bewegungsenergie_En.pdf)
- [58] Pascher, J. (2025).  *$E=mc^2$ : Reinterpretation in T0 Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/E-mc2\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/E-mc2_En.pdf)
- [59] Pascher, J. (2025). *Low Energy Ampere Analysis*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Amper\\_Low\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/Amper_Low_En.pdf)
- [60] Pascher, J. (2025). *Single-Clock Metrology and Three-Clock Experiment in the T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_threeclock\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_threeclock_En.pdf)
- [61] Pascher, J. (2025). *T0 vs Extended Standard Model: Conceptual Analysis*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0vsESM\\_ConceptualAnalysis\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0vsESM_ConceptualAnalysis_En.pdf)
- [62] Pascher, J. (2025). *Hierarchy Problem Solutions in T0*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/hirachie\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/hirachie_En.pdf)
- [63] Pascher, J. (2025). *No-Go Theorems Analysis*. HTL Leonding, Austria. <https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/NoGoEn.pdf>
- [64] Pascher, J. (2025). *T0 Network Theory*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0\\_netze\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/T0_netze_En.pdf)
- [65] Pascher, J. (2025). *RSA Analysis in T0 Framework*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/RSA\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/RSA_En.pdf)

- [66] Pascher, J. (2025). *RSA Testing Procedures*. HTL Leonding, Austria. [https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/RSAtest\\_En.pdf](https://github.com/jpascher/T0-Time-Mass-Duality/blob/main/2/pdf/RSAtest_En.pdf)
- [67] Pascher, J. (2025). *T0-Time-Mass-Duality: Complete Framework Repository*. GitHub Repository. <https://github.com/jpascher/T0-Time-Mass-Duality>
- [68] Pascher, J. (2025). *Interactive T0 Framework Exploration*. Interactive Website. <https://jpascher.github.io/T0-Time-Mass-Duality/>