Theory Overview (2 Pages)

Executive Summary

Title: Temporal Flow Theory: A Scale-Dependent Framework for Time Dynamics

Core Concept:

Time as a dynamic field with scale-dependent coupling, providing a unified framework from quantum to cosmic scales.

Key Innovations:

1. Mathematical Framework

- Scale-dependent field equations

- Natural conservation laws

- Unified coupling mechanism

2. Physical Predictions

- Dark matter/energy emergence

- Quantum-classical transition

- Gravitational modifications

3. Experimental Verification

- Laboratory tests

- Astronomical observations

- Precision measurements

Technical Overview

Mathematical Foundation:

1. Field Equations

∂W/∂t + g(r)(W·∇)W = -∇P\_t/ρ\_t + ν\_t∇²W + F\_q + F\_g

2. Scale Function

g(r) = [1 + (r/r\_c)^n]^(-1)

Key Features:

- Conservation laws preserved

- Standard physics recovered

- Clear predictions

- Testable effects