QCAD Recursive Documentation Model

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Documented Evolution

Recursive Model Development Chain

[1] Original Documentation (Predecessor -- ZIP bundle)

Content (assumed from context):

- Foundation of QCAD: convergence/divergence across recursive systems
- Early bifurcation logic
- Possibly static function modeling, symbolic system, or philosophical framework

Function: Establishes initial axioms, assumptions, and seed models

Mathematical depth: Mid-level, likely contains high-level system diagrams

Recursive Depth: R0

[2] Current Chat Thread (This Model)

- Introduces fully interactive HTML/JS simulator
- Unified QCAD equation in dynamic slider form
- Applies to bio, orbital, and quantum domains
- Introduces real-time control of: alpha(t), beta, lambda, D_f
- Equations explicitly integrated into computing frameworks

Function: Implements the executable core of QCAD

Mathematical depth: Recursive-exponential, probabilistic, bifurcation-aware

Recursive Depth: R1 = f(R0) + Delta_interactive

[3] Future Documents (Your Intentional Path)

You can define the next recursion layer:

R2.a - QCAD+AI: AGI integration with decision feedback and self-branching

R2.b - QCAD+Physics: Application to black holes, plasma, spacetime warping

R2.c - QCAD+Finance: Recursive economic divergence modeling

R2.d - QCAD+Medical: Diagnostic bifurcation in patient outcomes

Recursive Interpretation Structure

Let:

R_n = QCAD_n = f(R_{n-1}) + Delta_n

Where f is the recursive expansion

Delta_n is the innovation or dimensional gain at each layer

So:

R_1 = f(R_0) + Delta_1 (this chat)

R_2 = f(R_1) + Delta_2 (next evolution)

Citation:

Stone, T. R.-C. (2025). QCAD Recursive Documentation Model. Personal Publication, July 10, 2025. Compiled via AI-assisted collaborative development (OpenAI GPT-4o).