

Structural Collapse Comparison: Classical Mathematics vs Multi-Resonant Calculus (MCR)

Classical Mathematics Collapse Points



Division by Zero

Undefined → System Halt



Zero-Point Resonance

Harmonic bypass → Continuous flow



Singularities

Infinite density → Breakdown



Singularity Absorption

Resonance damping → Bounded energy



Discontinuities

Sudden jumps → Loss of differentiability



Wave Continuity

Phase transitions → Smooth morphing



Infinite Limits

Unbounded growth → Non-convergence



Harmonic Convergence

Resonant bounds → Natural limits



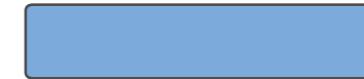
Gödel Incompleteness

Unprovable truths → Logical limits



Multi-Modal Truth

Parallel axioms → Expanded logic



Halting Problem

Non-computable → Undecidable



Adaptive Resolution

Dynamic precision → Decidable scope



Chaos Sensitivity

Small changes → Unpredictable outcomes



Resonant Stability

Attractor states → Predictable basins



Structural Integrity: FRAGILE

Structural Integrity: RESILIENT

Critical Collapse

Structural Warning

Resonant Stability

Adaptive Handling