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

Classical Mathematics
Collapse Points

✖ **Division by Zero**

Undefined → System Halt

✖ **Singularities**

Infinite density → Breakdown

✖ **Discontinuities**

Sudden jumps → Loss of differentiability

✖ **Infinite Limits**

Unbounded growth → Non-convergence

✖ **Gödel Incompleteness**

Unprovable truths → Logical limits

✖ **Halting Problem**

Non-computable → Undecidable

✖ **Chaos Sensitivity**

Small changes → Unpredictable outcomes

Structural Integrity: FRAGILE

Multi-Resonant Calculus (MCR)
Resonance Handling

✔ **Zero-Point Resonance**

Harmonic bypass → Continuous flow

✔ **Singularity Absorption**

Resonance damping → Bounded energy

✔ **Wave Continuity**

Phase transitions → Smooth morphing

✔ **Harmonic Convergence**

Resonant bounds → Natural limits

✔ **Multi-Modal Truth**

Parallel axioms → Expanded logic

✔ **Adaptive Resolution**

Dynamic precision → Decidable scope

✔ **Resonant Stability**

Attractor states → Predictable basins

Structural Integrity: RESILIENT

✖ Critical Collapse ✖ Structural Warning ● Resonant Stability ● Adaptive Handling