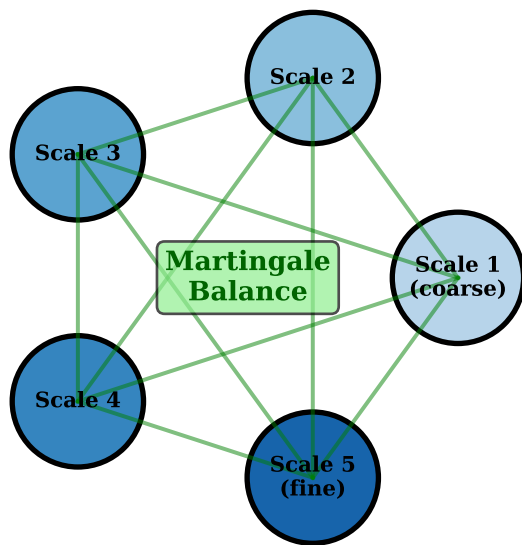# Game-Theoretic View: Scales as Cooperative Agents

(A) Cooperative Regime: Dimension Matching

Scale 2

Scale 3

Scale 1 (coarse)

Martingale Balance

Scale 4

Scale 5 (fine)

(B) Collapse: One Scale Dominates

Scale 3 dominates → Coherence lost