Triple Harmonic Channel (THC) – Calculation Summary

Timeframe: 4H

Total Duration: 14 days = 336 hours = 84 bars

Slope 1 (Steepest)

P1 = 1.09891

P2 = 1.10837

ΔlnP■ = ln(P2 / P1) = ln(1.00861) = 0.00857

Slope m■ = 0.00857 / 84 = 0.0001020

Slope 2

P1 = 1.12240

P2 = 1.12612

ΔlnP■ = ln(1.00331) = 0.003305

Slope m■ = 0.003305 / 84 = 0.00003934

Slope 3 (Shallowest)

P1 = 1.11334

P2 = 1.11656

ΔlnP■ = ln(1.00290) = 0.002896

Slope m■ = 0.002896 / 84 = 0.00003448

Harmonic Ratios

Slope 1 : Slope 3 = 0.0001020 / 0.00003448 ≈ 2.96 : 1

Slope 1 : Slope 2 = 0.0001020 / 0.00003934 ≈ 2.59 : 1

Slope 2 : Slope 3 = 0.00003934 / 0.00003448 ≈ 1.14 : 1

Interpretation

• Slope 3 = Base harmonic.

• Slope 2 = Slightly accelerated harmonic (1.14× base).

• Slope 1 = Strong macro-acceleration harmonic (~3× base).

• All three form a Triple Harmonic Channel (THC), representing a fractal slope-energy structure of the index.