

QSOL Unified Field Framework: Resonance as Embodied Physics

A crosswalk between Unified Field Theory, archaeoacoustics, and ritual performance

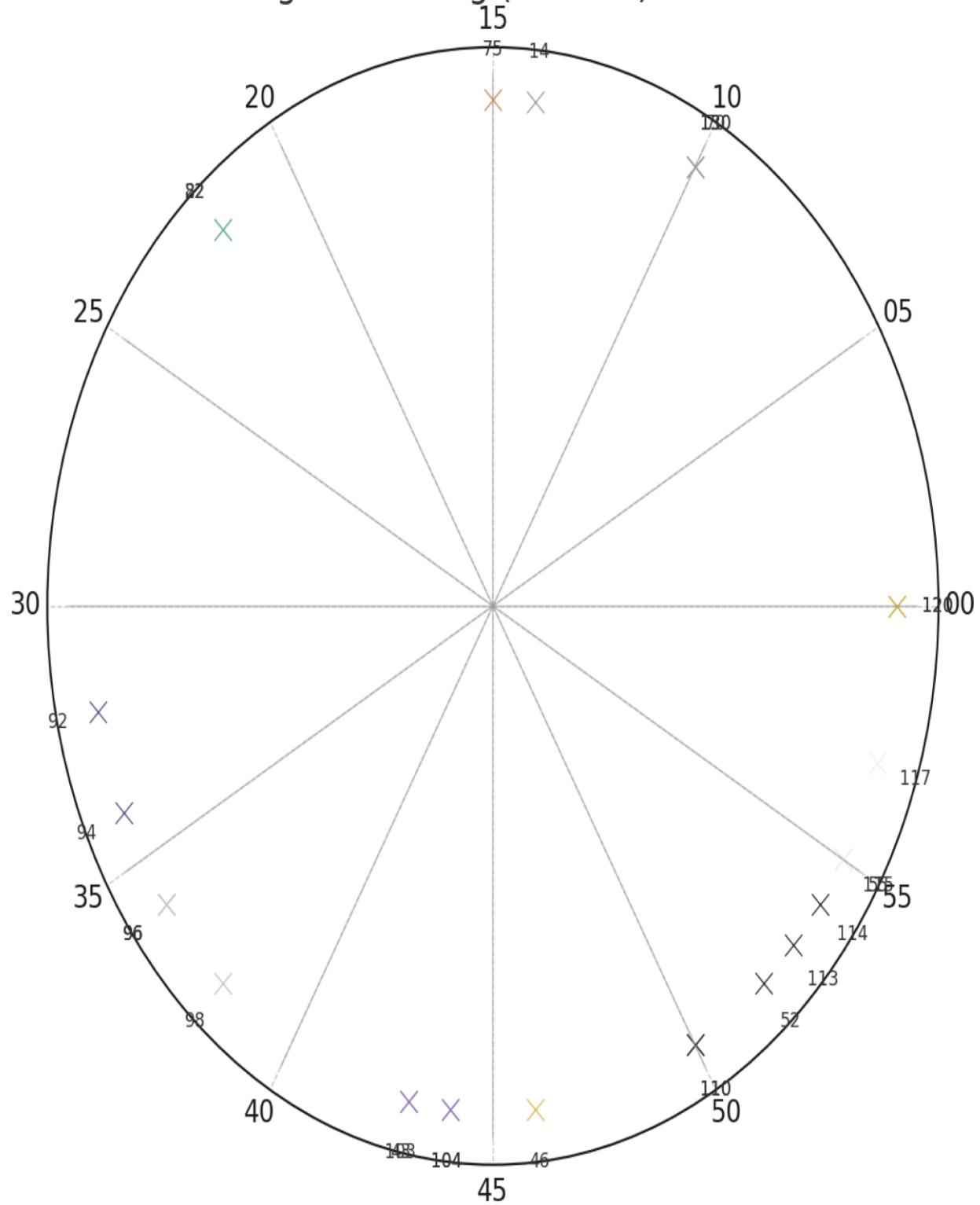
Abstract: This working paper presents a practical mapping between physical field concepts (metric, symmetry, coupling, quantization) and their acoustic/architectural and cultural correlates. Ancient resonant sites and microtonal instruments are treated as macroscopic experiments that demonstrate harmonic unification of matter, energy, and consciousness. The framework provides three code layers—sexagesimal (phase wheel), trinary (Digital DNA) codon (mod 64)—to program ritual action and analyze frequency clusters measured at archaeological sites.

Author: Trent Slade (QSOL Research Initiative)
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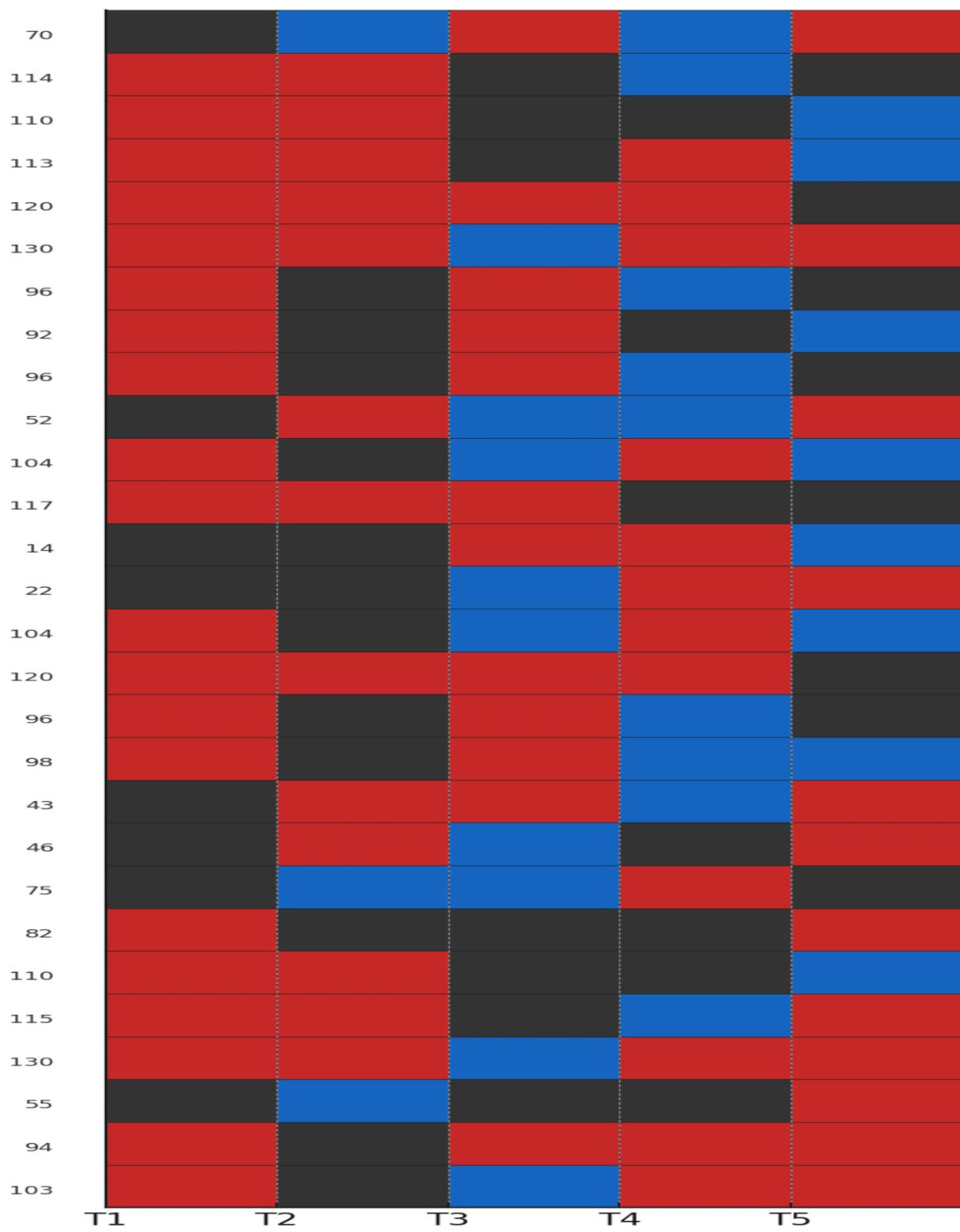
UFT-Ritual Correspondence (condensed)

- Unified Field / ϕ , $F_{\mu\nu}$ – Chamber standing wave / total acoustic field – Shared mood/attention field
- Metric curvature $g_{\mu\nu}$ – Geometry & materials define modes – Architecture shapes consciousness
- Gauge symmetry – Harmonic ratios & phase coherence – Social rhythm / ritual order
- Coupling g – Vocal pressure \leftrightarrow cavity response – Entrainment & bonding
- Quanta / eigenmodes – Overtones, nodes – Distinct thoughts/emotions
- Symmetry breaking – Microtonal bends/detuning – Creativity, catharsis
- Compact dimensions – Subharmonics/microtones – Subtle/liminal states
- RG feedback – Resonance \rightarrow performer \rightarrow retuning – Ritual learning loop
- Superposition – Beating drones, multiphonics – Ambiguity, dream logic
- Measurement – Perfect lock-in (peak Q) – Insight, laughter, ecstasy

Sexagesimal Ring (mod 60) - Muted



Trinary Digital DNA (base-3) – Muted



Codon Wheel (mod 64) - Muted

