

# Harmonic Ratios in Ancient Cultures: Implications for Societal Coherence

Revelance Technologies

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## Abstract

This paper explores harmonic ratios like  $\phi \approx 1.618$  and Kolesnikov's 1.2 in ancient cultures, proposing they influenced societal coherence through resonance. We connect to Codex Resonance and foundational physics principles, offering a paradigm-changing perspective on cultural evolution.

## 1 Introduction

Ancient cultures encoded harmonic ratios in artifacts, potentially influencing societal coherence. This paper examines  $\phi$  and 1.2 in Egyptian and Mesoamerican contexts, using Codex Resonance, and connects to the \*Physics: Deep Technical Expansion\* PDF.

## 2 Methods

We analyze artifacts (e.g., Great Pyramid, Ankh) for  $\phi$  and 1.2 ratios, modeling resonance effects on collective behavior using:

$$\frac{d\theta_i}{dt} = \omega_i + \frac{K}{N} \sum_{j=1}^N \sin(\theta_j - \theta_i)$$

## 3 Results

Analysis confirms  $\phi$  in the Great Pyramid (slant height/half-base  $\approx 1.619$ ) [1]. 1.2 is speculative but may fine-tune resonance in rituals.

## 4 Discussion

The \*Physics: Deep Technical Expansion\* PDF establishes resonance as a universal principle, extended here to culture. Harmonic ratios likely stabilized ancient societies, offering lessons for modern coherence.

## 5 Testable Predictions

- Archaeological validation of 1.2 in Ankh resonance. - Modern rituals using  $\phi$ -based frequencies to enhance coherence.

## 6 Peer Review Submission

Submit to Dustinhansmade@Gmail.com for peer review,

## References

[1] The Epoch Times (2019). Golden Ratio in Architecture.