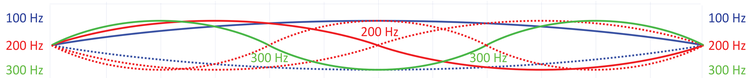
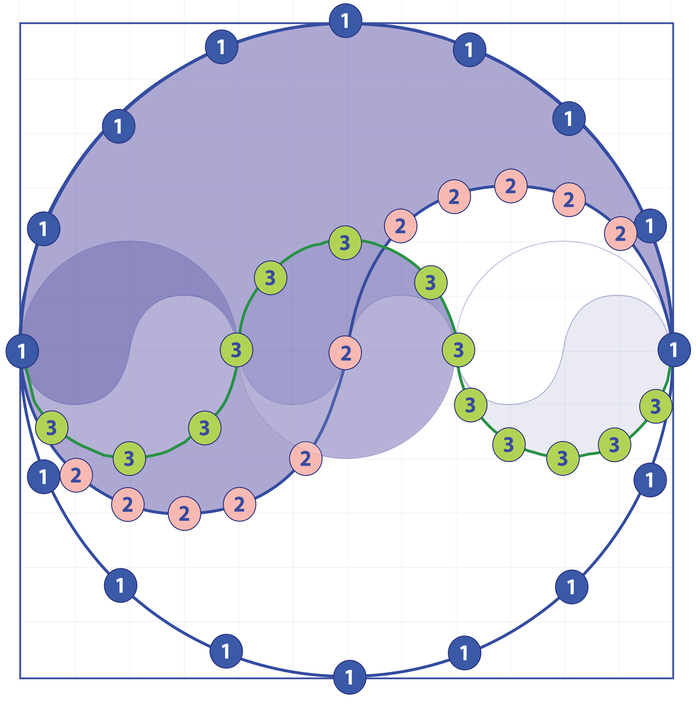
Tao (Laozi) underlies Super-symmetry, Harmonic-series, Phi-derivation, Neg-entropy - the Rates:Ratios of the Golden Section

Tao Te Ching Verse 42 reads, *"From 1 comes 2, from 2 comes 3 & from 3 come the 10,000 things."* In music this is the *'hemiola'* where *1* beats against *2* & two beats against *3* is fundamental to the perfect harmonic series.

https://vimeo.com/529681686



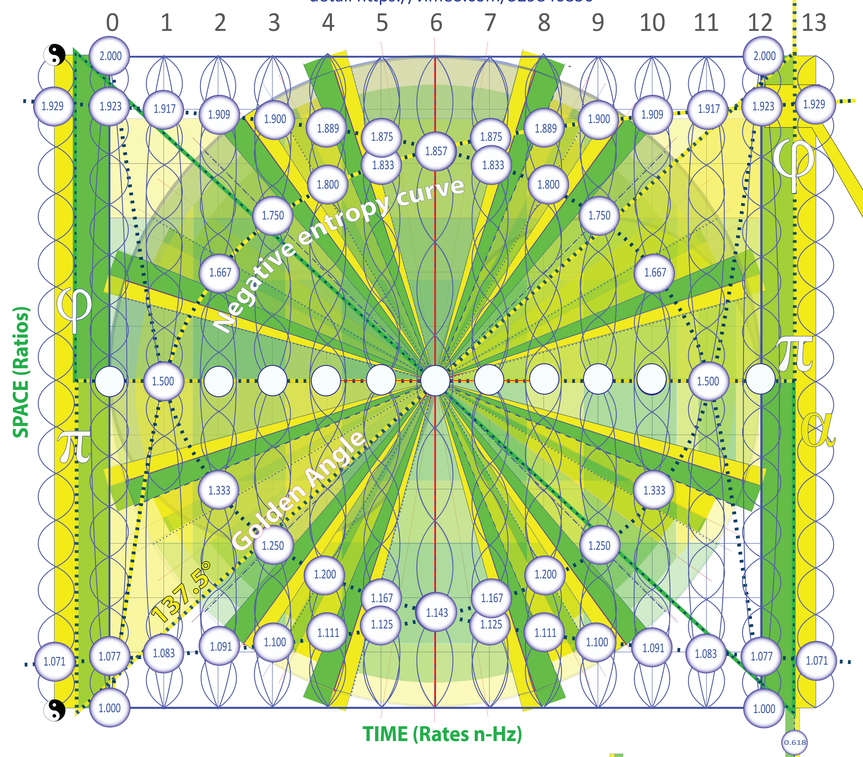


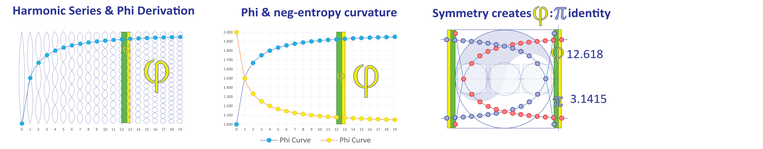
Verse 42 of the Tao Te Ching corresponds with the harmonic series of **Pythagoras** where the rule is halve the string length to double the frequency, third the string length to treble the frequency (etc).

This Harmonic-Series gives the 'negative-entropy curve', counting from the 'quantric' zero-point to 1.926, the Phi-Point at between steps 12 & 13. Georgio Tononi gives the 'qualic' (feeling) value of 1.92.

Resolving the Pythagorean Comma with Well-Tempered tuning gives the Phi value of 0.618 here

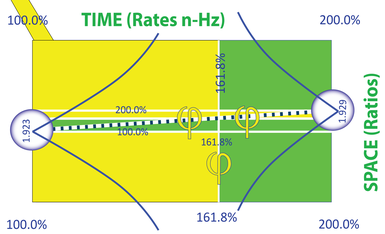
detail https://vimeo.com/529846856

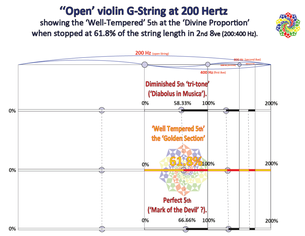




Phi Derivation from . . .

. . . integrating Transcendental-Pi, Irrational-Phi & the Rational-Overtone-Series, where the rule is halve the wave-length to double the frequency etc. This leads to the 13th-step of the overtone series, with Phi coinciding perfectly in space-time at 161.8% & the Golden Angle (137.5° = 360° *.618). Between the 1st & 2nd harmonics, a violin G-String shows Phi as a well-tempered 5th just below a Perfect 5th (.666).

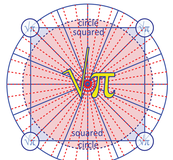


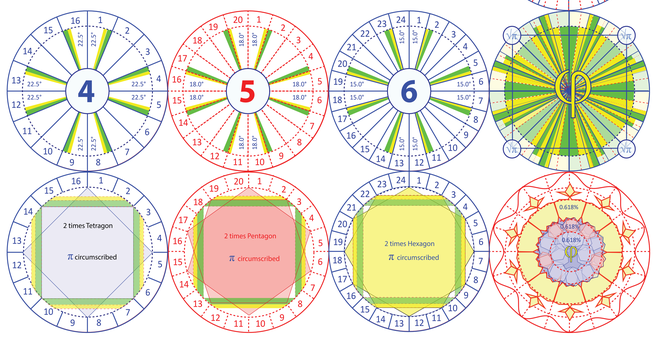


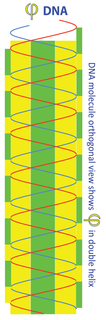
Divine-ratio:rate (space:time) quantra phi-united at 1.926472 or at 0.618 using the Pythagorean Comma. Neuro-scientist Giorgio Tononi gives space:time *qualia* at 1.92.

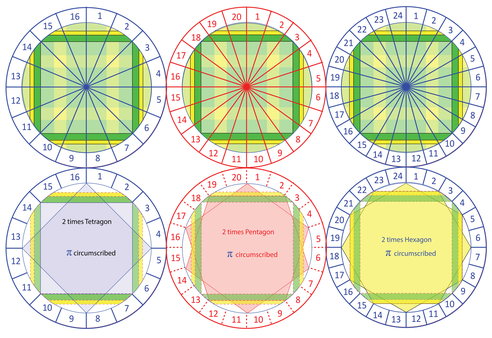
Square Root Pi Squares circle & angles clearly show Pi:Phi corellation.

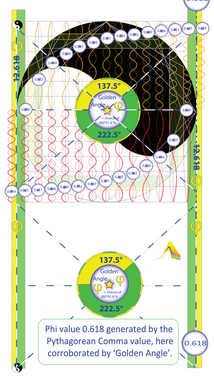
2+2 = 04	2+3 = 05	2*3 = 06
2+4 = 08	2*5 = 10	2*6 = 12
4*4 = 16	4*5 = 20	4*6 = 24
360/22.5 = 16	360/18.0 = 20	360/15.0 = 24











Nameless Tao (from Laozi) is the underlying 'natural order ' of the Universe

The Tao Te Ching explains that the Tao is not a *name* for a *thing* but the underlying natural order of the Universe whose ultimate essence is difficult to circumscribe due to its being non-conceptual yet evident in one's being of aliveness.

The Tao is the eternally *nameless* reality of life, to be distinguished from the countless *named* things which are considered to be its manifestations.