

---

# The theory of everything

Li xiaohong Lini(Corresponding author)

Abstract: is there a unified natural principle or theory of everything behind the natural phenomena observed in different disciplines?

Here is the formula for chord language, similar to Planck's formula.

$S = HV$ , ( $S$  = semitone,  $H$  = equal temperament constant,  $V$  = frequency), minimum discrete value.

$I = H^n \cdot V$  ( $I$ =sound,  $n$ =sound value), allowing discrete values;

$C = H^{n_1, n_2, n_3, n^*} \cdot V$  ( $C$ =chord), discrete value spectrum.

The chord language consists of chord spectrum, with physics, mathematics (geometry) features such as quantization, string (open string, closed string,  $N$  string), symmetry, mirror image, etc., expressed in music, painting, meridian and other phenomena, used for time, space, life, spiritual expression, it has accumulated thousands of years of understanding, more mature mathematical models, can be observed, verified, This should be a feature of the theory of everything.

Similarly, physics theory also shows chord language features, such as: quantization, string theory, etc., is the role of chord language?

What is the theory of all things hidden in music and painting?

Key words: chord language, chord space-time, theory of everything, quantum, string, music, painting, meridian

## Chord language

Chord language phenomenon is manifested in music (time expression), painting (space expression), meridian science (life expression) and other disciplines.

Humans have two sets of language systems: naming symbolic language (symbolic logic) and chord language (chord logic). The former is the artificial symbolic language, and the latter is the natural coding language: there are certain physical (quantization, string), mathematical forms. The two languages (information) forms involve too many unknown secrets, as well as philosophical questions, which require more attention.

---

The two languages are based on different principles and processes, resulting in a two-layer structure of spirit. There are differences between symbolic logic and chord logic between the two spiritual layers. This is a common reason for human understanding of differences, understanding two languages (information) And the relationship, the compilation process, is the need of human beings to understand themselves and nature.

Humans have a long history of understanding the phenomenon of chord language, and its mathematical model can be traced back to Pythagorean temperament in ancient Greece. After the gradual improvement of musicians in the dynasties, the meridian theory observed the yin and yang (positive and negative) physics and digital attributes of the chord language, and the numerous classic works left by the painting history. The chord space language analysis and research accumulated the material.

## **Time and space**

Most disciplines (science, philosophy, literature, etc.) use named symbol language, and a few disciplines, such as music, painting, use chord language, a distinction that is both incredible and far-reaching, showing the physical (quantum, string), mathematical (geometric) characteristics of art (spirit), the natural (physical) properties of the spirit, What's more: it's also the basis of observation and understanding of chord time and space.

Music and painting are chord language phenomena, which are expressed in mathematics: isomorphism, symmetry, and mirror relationship.

The chord language is also a space-time language, a painting expression space, and a music expression time. The observations of both can show the mathematical (geometric) and physical (quantization, string) features of the chord space and time, which allows us to see a different, unfamiliar space-time.

Understanding time and space is the common need of science and art, and also the basis for communication and cooperation!

## **Science and arts**

Humans have two sets of space-time description systems: reference space-time and chord space-time, science use reference space-time; music, painting, meridian, etc. use chord space-time with quantized, string (open, closed, N-string) features.

The problem here is that chord space-time, with its quantization, string and other characteristics, is not yet under physical observation.

Reference frame time and space: from the external reference system: ruler, clock, assigned background reference system, etc. to generate position, shape, motion description.

---

The chord spacetime is expressed by the chord spectrum. Time and space are the form and function of the chord spectrum (energy) quantization, string (open string, closed string, N string), which produces spatiotemporal states and motions, independent of external clocks, rulers, Assign a background reference system.

Chord time and chord space are isomorphic, mirror-like chord spectra (energy) that can be converted to each other by the chord spectral formula.

Reference frame space-time will block chord space-time (quantum space-time), for example:

Using clock, ruler and other external measurement reference system to measure chord space-time system; For example, the works of Beethoven, Mozart, van gogh and monet can establish a theoretical model of space-time from the measured values, but there is no chord spectrum and its energy and information functions in the space-time model based on the external reference system.

The reference space-time and chord space-time are based on different principles and are very different spatio-temporal systems, which may bring some difficulties to physics.

In chord painting, specific chords exhibit specific spatial semantics: open strings (small triads), closed strings (senior chords), and N strings (disjointed strings), which produce all spatial states and spatial interactions. It is a verifiable observation, and the string-M theory should be good news.

Chord language is also found in meridians (life phenomena), which is what life sciences need to know.

Scientific progress depends on the expansion of observation. Can music and painting expand the horizon of science?

## **other**

Chord language is a common human blind spot for two reasons:

1. Differences between the principles and methods of the two languages: The chord language usually occurs in the background and bottom layer of the symbol language, and does not depend on the symbolic language system. It is not easy to be noticed by the symbolic language and rationality.
2. Chord language comes from internal observation (self-observation), such as music, painting, meridian science, etc., which is not generally regarded as a scientific field at present.

---

New knowledge points: chord language, chord time and space, chord painting, chord mathematics, chord life.

It involves existing knowledge points: music theory, music mathematics, color theory, physics, life, meridian, all things theory.

## Reference

Chord space-time, Li xiaohong, 24th World Congress of Philosophy Beijing 13-20 August 2018

Spiritual chords, Li xiaohong, 24th World Congress of Philosophy Beijing 13-20 August 2018

Chord language-Equal temperament logic and Equal temperament painting, Li xiaohong, ISBN: 9781370273348

Chord language - chord painting atlas, Li xiaohong, ISBN: 9781370273348

<https://orcid.org/0000-0001-6461-1239>