Chord Language and The Theory of Everything

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Abstract: Behind the natural phenomena scattered in different disciplines, whether there is a unified natural principle or the theory of all things, if there is such a thing, it should have some universality, consensus, and chord language phenomenon seems to have this feature.

Chord language consists of chord spectrum, with quantum, string (open, closed, N-string), symmetry, mirroring and other physical, mathematical (geometric) characteristics, manifested in music, painting, meridian and other disciplines, used in time, space, life, spiritual expression, has accumulated for thousands of years, has been universal, observable, verifiable, Like the law of all things.

Music and painting are chord language phenomena, with discrete spectral forms of chord language (chords, tones, scales, etc.). In mathematics, the two are symmetric and mirror images.

The following is the chord language value formula used in music and painting, which is similar to Planck's formula.

S = HV, (S = semitone, H = equal temperament constant, V = frequency), minimum discrete value. I=H^n.V (I=sound, n=sound value), allowing discrete values; C=H^n1, n2, n3, n*.V (C=chord), discrete value spectrum.

In chord painting, chords exhibit the following spatial geometric characteristics: major chord = H^0,4,7.V0, closed string minor chord = H^0,3,7.V0, open string Diminished Seventh = H^0,3,6,9.V0, Non-linar string

Chord language is both a spiritual phenomenon (music, painting) and a physical phenomenon (discrete spectrum, string), observing chord language events, such as music, painting, etc. - but also observing physical events, which has spiritual-natural isomorphism, which is its philosophical and cognitive characteristics.

The chord language is an ancient field whose mathematical model dates back to Pythagorean temperament in ancient Greece. After the gradual improvement of musicians in ancient times, the meridian science in ancient Chinese medicine observed the yin-yang (positive and negative) attributes of chord language—this is an important foundation of chord language, and the numerous classic works left by the history of world painting are The chord space language analysis, the study prepared sufficient conditions.

The natural laws of chord language are universal principles of nature, the theory of all things?

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

Two languages and a world view

Humans have two sets of language systems: naming symbolic language and chord language. The former is the artificial symbolic language, the latter is the physical language, with certain physical and mathematical forms, involving two different logics, spiritual principles, and even two worldviews. Many differences in human understanding are related to this.

The two language systems produce two layers of language (logic, spirit): symbolic language (artificial language) and chord language (physical language), understanding the two language layers and the principle of action, interrelations, compilation process, is the need of human understanding of themselves, spirit and nature.

In symbolic languages, named symbols and named objects produce a difference between spiritual and natural, subjective and objective.

In chord language, spirit (music, painting, etc.), life (meridian) appear as physical form (discrete spectrum, string), with spiritual-natural isomorphism and homomorphism.

The above expression is just plain common sense - discrete spectrum (energy) is also a common mental form, e.g., music. This may lead to philosophical questions: spirit and nature, mind and matter, objectivity, etc.

Another important area of chord language is: Meridian (Chinese ancient medical theory), which is the chord coding system of life, with discrete spectrum forms (chords, modulation, scales, etc.), which control the life process and purpose. The most important attribute is: Yin-Yang (positive-negative), which determines the grammatical-semantic-symmetry rule of chord language. This is different from the life view of life science, indicating that there is more possibility in the essence of life.

Most disciplines (science, philosophy, literature, etc.) use named symbolic language, and a few disciplines, such as music, painting, using chord language (physical language), this distinction is very important, it shows: music, painting physics (discrete spectrum, string), mathematical (geometric) properties, spiritual and physical homogeneity, It is also the basis of observation and understanding of chord time and space.

Two views of time and space

Humans have two sets of space-time expressions: reference system space-time and chord time-space, simply put: reference system space-time by the clock, ruler and other external measurement reference system expression, chord space-time by the discrete spectrum, string (open string, closed string, non-string) expression. Usually, science and physics use the reference system of space-time, music, painting using chord space-time.

Chord space-time is expressed by chord language—music expression time, painting expression space, and the common observation of both can show the physical characteristics of chord space-time: discrete spectrum, string (open string, closed string, non-string string), time-space duality - chord space and time seems to be called: quantum - string space-time. This involves a new question - does the physical principle exist in music, painting, and can be observed and verified?

Space-time expression is the intersection of physics and music-painting, and the center of both, but it is important that they use completely different ways of expression of space-time, or even completely different views of space-time - unless there is space-time unrelated to physics - it means that physics still has a blind spot of space-time observation. Physics, which is not related to chord time and space, means that chord space-time phenomena cannot be understood and explained.

Science and physics use reference space and time, music, painting, meridian, etc. use chord time and space, the following is a brief introduction:

Reference system space-time: From the external reference system: ruler, clock, assigned background reference system, etc. to generate position, shape, motion description, space-time is a measure from the external reference system.

Chord time and space: expressed by the chord spectrum, is the expression of energy: the quantum chord spectrum, strings (opening, closing, N strings), and thus produces space-time states and motion, without relying on external clocks, rulers, and assigned background reference systems.

The chord time and the chord space are mutually isomorphic, mirrored (reverse order) and chord spectrum (energy), which can be converted 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 (chord geometry), specific chords exhibit specific spatial semantics: open chords (Minor chord), closed strings (Major Chord), Non-linar string (Dissonant chord), which produce all spatial states and spatial interactions, which is a verifiable observation and should be good news for the string-M theory.

Scientific progress relies on the expansion of observation, the phenomenon of chord language: can music, painting expand the field of view 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, the basis of chord language observation is: music, painting, meridian and other chord language phenomenon, due to education reasons, many people are not familiar with this field.

Added knowledge points: chord language, chord time and space, chord painting, chord math, chord life.

Involved in existing knowledge points: music theory, music mathematics, color theory, physics, life, meridian, all things theory.

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Next page Chinese version

和弦语言与万物理论

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由不同学科、分散观察到的自然现象后面,是否存在统一的自然原理或万物理论?如果存在这种东西,应该具有某种普遍性、共识性,和弦语言现象似有这一特征。

和弦语言由和离散频谱构成,具有量子化,弦(开弦,闭弦,非线弦),对称,镜像等物理、数学(几何)特征,在音乐,绘画,经络学等学科中用于时间,空间,生命,精神等表达,已有几千年的存在历史,具有一定普遍性、共识性,易观察、验证。

音乐、绘画都是和弦语言现象,具有和弦语言的离散频谱形式(和弦,调式,音阶等), 在数学上,两者互为对称、镜像关系。

下面是音乐,绘画中使用的和弦频谱取值公式,具有明显的量子化特征。

S=HV, (S=半音程, H=平均律常数, V=频率), 最小离散值。

I=H^n.V(I=音程, n=音程值), 允许离散值;

C=H^n1,n2,n3,n*.V(C=和弦), 离散值频谱。

和弦语言在和弦绘画中表现出: 开弦, 闭弦, 非线弦三种几何语义:

大三和弦=H^0,4,7.V0, 闭弦

小三和弦=H^0,3,7.V0,开弦

减七和弦=H^0,3,6,9.V0, 非线弦

和弦语言既是精神现象(音乐,绘画),又是物理现象(离散频谱,弦),观察和弦语言事件,如:音乐、绘画等——也是在观察物理事件,它具有精神-自然同构性,这是它的哲学、认识特征。

和弦语言是一个古老的领域,其数学模型可追溯到古希腊时期的毕达哥拉斯律。经过历代音乐家们逐渐完善,中国古代医学中的经络学观察到和弦语言的阴-阳(正、负)属性一一这是和弦语言的重要基础,世界绘画史留下的无数经典作品,为和弦空间语言的分析,研究准备了充分的条件。

和弦语言自然法则是普遍的自然原理或万物理论吗?

关键词:和弦语言,和弦时空,和弦生命,万物理论,音乐,绘画,经络,弦理论

两种语言与世界观

人类有两套语言系统:命名符号语言与和弦语言,前者是人工符号语言,后者是物理语言,有着确定的物理、数学形式,涉及两种不同的逻辑,精神原理,甚至是两种世界观,人类的许多认识分歧和这个相关。

两种语言系统产生了语言(逻辑、精神)的二层结构:符号语言(人工语言)与和弦语言(物理语言),理解两个语言层及作用原理,相互关系,编译过程,是人类理解自己、精神与自然的需要。

在符号语言中,命名符号与命名对象产生了精神与自然、主观与客观的差异。

在和弦语言中,精神(音乐,绘画等),生命(经络学)表现为物理形式(离散频谱,弦),具有精神-自然的同构性,同形性。

以上表达只是一个显而易见的常识——离散频谱(能量)也是常见的精神形式,如:音乐。这可能带来哲学层面的问题:精神与自然,心与物,客观性等。

和弦语言的另一重要领域是: 经络学(中国古代医学理论),它是生命的和弦编码系统,具有离散频谱形式(和弦,调式,音阶等),对生命过程、目的发生控制作用。其中最重要的属性是: 阴-阳(正-负),它决定和弦语言的语法-语义-对称性规则,这是不同于生命科学的生命观,表明生命本质存在更多可能。

大多数学科(科学、哲学,文学等)使用命名符号语言,少数学科,如:音乐、绘画使用和弦语言(物理语言),这一区别非常重要,它显示出:音乐、绘画的物理(离散频谱,弦),数学(几何)属性,精神与物理的同构性,特别重要的是:它还是和弦时空的观察基础、认识途径。

两种时空观

人类有两套时空表达方式:参考系时空与和弦时空,简单说:参考系时空用时钟,尺子等外部度量参考系表达,和弦时空由离散频谱,弦(开弦,闭弦,非线弦)表达。通常,科学、物理学采用参考系时空方式,音乐、绘画采用和弦时空方式。

和弦时空由和弦语言表达——音乐表达时间,绘画表达空间,两者的共同观察能显示出和弦时空的物理特征:离散频谱,弦(开弦,闭弦,非线弦),时-空二相性——和弦时空似乎也可称为:量子-弦时空。这里涉及一个新问题——物理原理是否存在于音乐,绘画之中,并能够从中观察、验证?

时空表达是物理学与音乐-绘画的交叉领域,也是两者共同的中心,但它们使用完全不同的时空表达方式,甚至是完全不同的时空观,这点非常重要——除非存在与物理学无关的时空-否则它就意味着物理学还存在时空观察盲区,与和弦时空无关的物理学意味着:和弦时空现象无法被理解,解释。

科学、物理学使用参考系时空,音乐、绘画等使用和弦时空,下面分别简单介绍:

参考系时空:由外部参考系:尺子,时钟,指派背景参考系等产生位置,形状,运动描述,时空是来自外部参考系的度量值。

和弦时空:由和弦频谱表达,是能量的表现形式:量子化的和弦频谱、弦(开弦,闭弦,N弦),并由此产生时空状态和运动,不依赖时钟,尺子等外部度量参考系。

和弦时间与和弦空间是互为同构、镜像(反序)和弦频谱(能量),可通过和弦频谱公式相互转换。

参考系时空会屏蔽和弦时空(量子时空),举一个例子:

用时钟,尺子等外部度量参考系测量和弦时空系统;如:贝多芬、莫扎特,梵高、莫奈的作品,从测量数值可建立一个时空理论模型,但基于外部参考系的时空模型中没有和弦频谱及其能量、信息作用。

参考系时空与和弦时空基于不同原理,是非常不同的时空系统,这可能会给物理学带来 一些困难。

和弦绘画(和弦几何)中,特定和弦表现出特定空间语义:开弦(小三和弦),闭弦(大三和弦),非线弦(不协和弦),这三种和弦可产生所有空间状态及空间相互作用,这是一个可验证的观察结果,对弦-M 理论应是一个好消息。

科学进步依赖观察的扩展,和弦语言现象:音乐,绘画是否能够扩展科学的视野吗?

其它

和弦语言是常见人类认识盲区,有两个原因:

- 1、两种语言的原理、方法差异:和弦语言通常发生在符号语言的后台、底层,不依赖符号语言系统,不易被符号语言、理性所觉察,注意。
- 2、和弦语言的观察基础是: 音乐, 绘画, 经络学等和弦语言现象, 由于教育的原因, 很多人对这一领域不熟悉。

新增知识点:和弦语言,和弦时空,和弦绘画,和弦数学,和弦生命。

涉及已有知识点:音乐理论,音乐数学,色彩理论、物理,生命,经络学,万物理论。

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