

## Data Regulation of the Nervous System

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**Abstract:** In this paper, the stability theorem, the strict stability theorem, the independence theorem, and the uniqueness theorem of nature are proposed, and the principle of data regulation of human nervous system is expounded. And this operating principle exists only. Relevant research will be advanced.

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### I. Introduction

Human history has lasted for 450,000 years. It develops towards the direction of high equilibrium and high stability (Zhe yin,2016,2017). Even if the abnormal environment and phenomena occur during its evolution, if the abnormal phenomena are temporary, it will eventually return to the original equilibrium and stable direction of sustainable development. If the abnormal phenomenon is a necessary change, it will tend to be highly balanced and highly stable in the new direction after experiencing the abnormal phenomenon.

During this period, DNA not only records the whole process of changes, but also performs and realizes the macro-control and micro-control of the human nervous system (Zhe yin, 2016, 2017).

### II. Conditions for The Existence of The Nervous System

As mentioned above, the nervous system is an intelligent metabolic regulatory system developed in the direction of highly balanced and stable human beings. For its purpose, human beings, like other creatures, complete the carbonization process of water, complete the process of energy aggregation and the development of substances to high density. It is also possible to hold different views.

Every living creature has a nervous system. To be precise, every living creature has a neural intelligent regulation system based on data regulation.

#### Characteristics of high-precision neural control system:

- 1) the metabolic energy of the nervous system utilizes solar energy (Zhe yin,2016,2017).
- 2)The speed at which information travels in the nervous system is equal to the speed of light.
- 3) the operating process of the nervous system is strictly stable.
- 4) the relationship between linear paths in the neuronal axonal nerve bundles in the nervous system is independent.
- 5) periodic independence rules exist in a single linear path (axon) of neurons.
- 6) exponential information transfer trajectory exists in each neuron.
- 7) bifurcation points and synaptic of capillary nerves are periodic points of information transmission of the nervous system.
- 8) in the nervous system, the receiving channel and the sending channel are equivalent. In the opposite direction. The default operation of the nervous system is over time in order to maintain the balance and stability of the premise. When abnormal information occurs in any position of the human body, the information is received synchronously in the brain center, and at the same time, the information is reflected to the occurrence point of abnormal information, and the instruction to return to the stable state is executed.
- 9) the default state of the nervous system is to execute the DNA recording instructions in the stable state.

#### The existence condition of human nervous system is:

- 1) satisfy strict stability.
- 2) it satisfies the independence between neurons in the micro official and the independence condition on the line of single filament neurons.
- 3) to satisfy the real-time smooth flow between any point in the human body and the brain nervous system.

### III. The Nervous System Satisfies The Strict Stability Theorem

The solar gravitational wave equalization field conditions of the nervous system and the preparation and implementation of the metabolic energy are discussed in the author's article (Zhe yin,2016,2017). In order to achieve high accuracy, the nervous system must meet strict stability conditions (Zhe yin,2016,2017).

**Lemma 1 :** If the motion system of two rotating objects is balanced and stable, the motion track is a spring circle track.

**Lemma 2:** let a point on the spring center line be the origin of polar coordinates. Then, the spring equation can be expressed as  $r=a+b\theta$  spiral. In rectangular coordinates you can express it as a Riemann function.

**Definition 1:** (strict definition of stability) An object that is in periodic motion of the spring helix, the incremental net force perpendicular to the spring axis in each period is equal to zero, and the incremental net force perpendicular to the spring axis at any time is equal to zero. (ensure that the change in energy at any time satisfies monotonicity). It is said that the motion system meets the strict stability movement rule.

**Theorem 1 :**(the stability theorem of a rotating object motion system)The trajectory function  $y=f(x)$  of a rotating object motion system is stable. So the change in  $y=f(x)$  satisfies the linear equation.

The sum of all the increments perpendicular to the axis of rotation in each period is equal to 0 (but not necessarily everywhere, which may have symmetry).

**Theorem 2 :**(strict stability theorem for a rotating object motion system)The trajectory function  $y=f(x)$  of a rotating object motion system is strictly stable. Then the increment of this function  $y=f(x)$  satisfies the linear equation, and the sum of all the changes perpendicular to the axis of rotation at any time is equal to 0. (the change in energy at any time satisfies the monotonicity)

### IV. The Nervous System Satisfies The Independence Theorem

From any point on the human body to the nervous system, the real-time one-to-one correspondence equivalence relation is required. The independence condition must be satisfied.

The independence theorem has two parts. One is the independence of multiple linear relationships within the neural tract. Such as microtubule nerve. The other problem is the independence of single filaments.

**Theorem 3:** when rotating the source of a wave, there are four independent beams. It's close to linear in the short interval. A directrix relationship is like a rainbow. References (Zhe yin,2016,2017).

Set three whole da vector  $a, b, c$  to satisfy fermat's theorem, there is  $a^2 + b^2 = c^2$ . If there is a strictly stable wave propagation system (satisfying Riemann function), and the vectors  $a$  and  $c$  are prime Numbers. Then  $b$  is even,  $a$  and  $b$  are independent, and  $b$  is uniquely defined in the interval  $a+c$ .

**Theorem 4:** there is a strict and stable wave transmission system satisfying theorem 2. If two primes  $a$  and  $c$  are given and specific information  $p$  is given, information  $b$  can be determined at any point in the wave transmission path, making it uniquely corresponding to  $p$  information. And find integer multiples of  $a$  plus  $c$ . (invariance theorem of wave information)

**Corollary of theorem 4:** there is a wrinkled region  $q$  in human brain, which corresponds to the nerve points of various organs and parts of human body. Can measure.

**Conjecture 1:** the two prime Numbers of the brain nervous system are 3 and 5. The mapping corresponds to a period of  $3+4+5$ .

**Conjecture 2:** the two prime Numbers of the spinal nervous system are 5 and 13. The mapping corresponds to a period of  $5+12+13$ .

**Theorem 5:** the bifurcation point and the periodic point of the capillary nerve are the  $a+c$  periodic points of the nervous system.

**Theorem 6:** there is an exponential information transfer trajectory in each neuron. Because the trajectories that satisfy the strict stability conditions are either linear or exponential trajectories. (spring trajectory, or spiral)

### V. Conclusion

The principle of data regulation of human nervous system described in this paper is one of the high-precision laws studied by Archimedes, mobius, Riemann and fermat under the stable conditions of nature for more than 2,300 years. The combination of strict stability theorem and linear independence theorem is the most effective communication protocol created by nature. The combination of the strict stability theorem and the linear independence theorem is the basic principle of creating human beings. Of course, it is applicable to other regulation of human body.

The development of science and technology must be inspiring to many people, but it is not guaranteed to benefit all people.

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