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VEGETATIVE MATRIX AS A PROBLEM FUNCTIONAL VEGETOLOGY AND ZHEN-TSZYU THERAPY

(FINAL INFORMATION)

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Summary. *The article presents the final scientific data under the section "Vegetative Matrix as a problem of functional vegetology and traditional Zhen-jiu therapy". Forgotten knowledge of previous civilizations should become clear and accessible through their scientific adaptation and belong to modern society. An improved methodology for visualizing experimental materials aimed at their biophysical reality, vegetative nature and requires the attention of general practitioners and rehabilitation physicians.*
Key words: functional-vegetative Matrix, vegetative homeostasis, functional vegetology, theory and practice of traditional Zhen-jiu therapy

Резюме. *В наведеній статті приводяться дані по розділу "Вегетативна Матриця як проблема функціональної вегетології і традиційної Чжень-цзю терапії". Забуті знання попередніх цивілізацій повинні стати зрозумілими і доступними через їх наукову адаптацію і належати сучасному суспільству. Удосконалена методологія візуалізації експериментальних матеріалів спрямована на підтвердження її біофізичної реальності, вегетативної сутності і вимагає уваги лікарів загальної практики та реабілітологів.*
Ключові слова: функціонально-вегетативна Матриця, вегетативний гомеостаз, функціональна вегетологія, теорія і практика традиційної Чжень-цзю терапії

Резюме. *В статье приводятся заключительные научные данные по разделу " Вегетативная Матрица как проблема функциональной вегетологии и традиционной Чжень-цзю терапии". Забытые знания предыдущих цивилизаций должны стать понятными и доступными через их научную адаптацию и принадлежать современному обществу. Усовершенствованная методология визуализации экспериментальных материалов направлена на подтверждение её биофизической реальности, вегетативной сущности и требует внимания врачей общей практики и реабилитологов.*
Ключевые слова: функционально-вегетативная Матрица, вегетативный гомеостаз, функциональная вегетологии, теория и практика традиционной Чжень-цзю терапии

Introduction

The final version of the graph logical structure of the "Functional-Vegetative Matrix" is presented. Information about its reality was constantly updated and supplemented [3,p.185,199; 5,p.165; 6,p.153]. It is emphasized its prognostic value in the process of functional rehabilitation of autonomic disorders in children.

Materials and methods

Previously unknown systemic biophysical phenomena point to the geometric structure of the internal power-informational field of human beings: functional Matrix of Alive. The pattern of its connections appeared in opposition with the hypothetical channels of the classical acupuncture and disclosed a number of its theoretical and practical mistakes. At the same time, the graph logical structure of the Matrix reflects a biophysically real system-complex interdependency and for the first time brings closer theoretical concepts of the Eastern and Western therapeutic philosophies.

FIVE STEPS TO "VEGETATIVE MATRIX"

Today, on the basis of previously unknown phenomena, the situation has significantly changed. First of all, because of the discovery of the vegetative Matrix of Alive! Let us do it evidently in step-by-step and observe the process of its development (fig.1–9).

We will start with the fact that the initial features of the Matrix came to us from the Chinese Teachers in the form of the conception of Five elements of the Star cycle (fig.1) and the Great Circle of Energy Circulation (Fig.2).

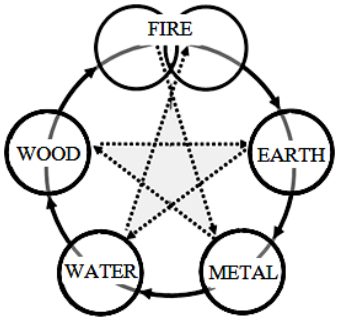


Fig.1 Empirical Matrix

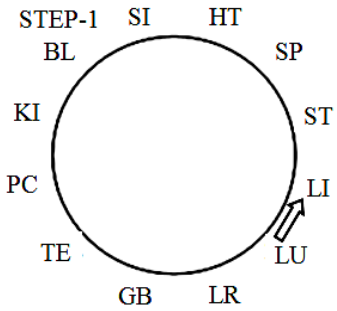


Fig.2

STEP-1. In opposition to expectations, every channel of the previously unknown functional complexes (FC) BL-ST-GB, SP-KI-LR, LI-TE-SI, LU-PC-HT, without disturbance of the hypothetical topography of sequential location in the system of the Big cycle, has captured in its topographically concurring places (fig.3)! It became obvious, that the traditional Big cycle is formed by functional complexes by unknown Eastern apologists BL-ST-GB, SP-KI-LR, LI-TE-SI, LU-PC-HT. At the same time, it has become evident that synchronous-asynchronous activity of separate complexes and their paradoxical reactions, biophysically contradict the traditional succession of "energy circulation" through the Big cycle, and the hypothetical rule of "Biological clock" (Fig. 4)!

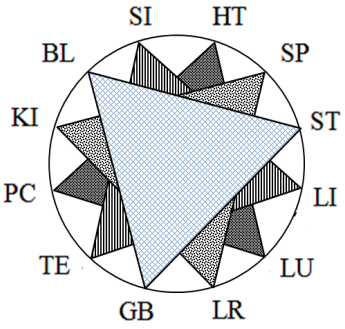
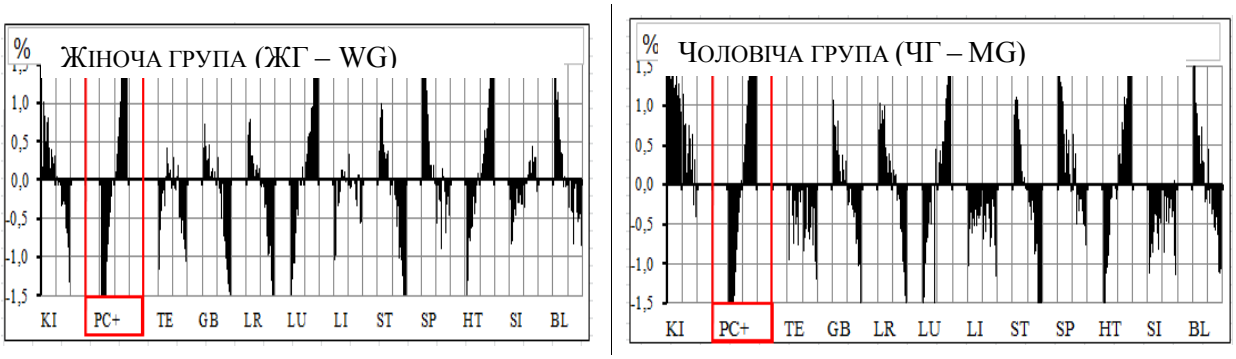


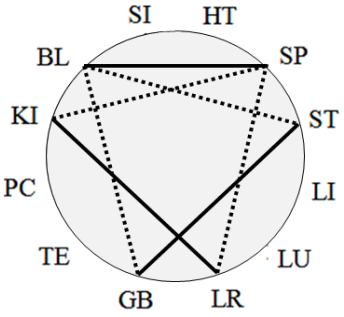
Fig.3



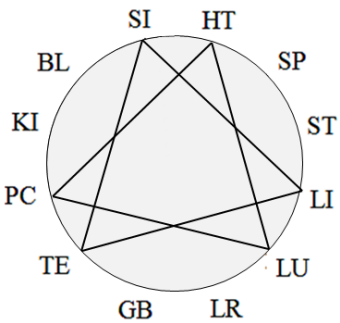
Мал.4 Різноспрямована активність каналів по Великому колу при збудженні **PC**
Fig.4 Multidirected activity of channels through the Big Cycle under the excitation of **PC**

STEP-2. The study of systemic dependency in separate functional complexes revealed its biophysical peculiarities. The peculiarities are conditioned by synchronous (——) and asynchronous (▪▪▪▪▪) systemic dependency during excitation (inhibition) of separate acupuncture channels and are as follows.

The first (BL-ST-GB) and the second (SP-KI-LR) complexes (FC-1 and FC-2) are synchronous-asynchronous (fig.5). The third (LI-TE-SI) and the fourth (LU-PC-HT) complexes are synchronous-paradoxical and depend on the activity of FC-1 and FC-2 (fig. 6). Together, internal-complex connections form graphological structure of the Matrix (fig.7).



Мал. 5



Мал. 6

STEP-3. The study of external and internal inter-complex dependency has led the graph logical structure of the Matrix to logical perfection. At the same time, we discovered specific zones of biophysical conflict provide fractality (incomplete) of biophysical transformations: SI-HT, GB-LR, LU-LI (fig.7). The specified elements of dependency significantly add the attention-worthy geometric structure of the vegetative Matrix of Alive.

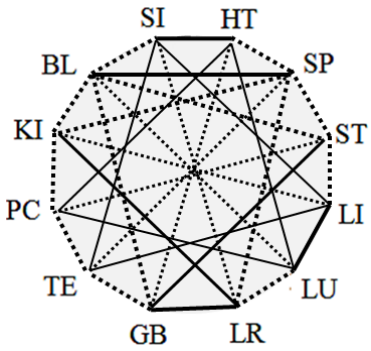


Fig.7

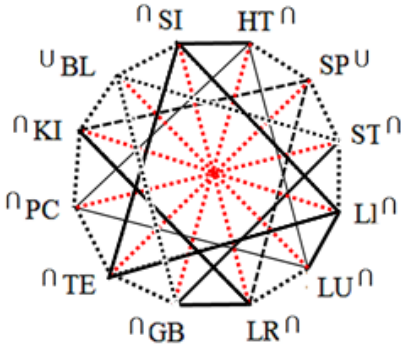
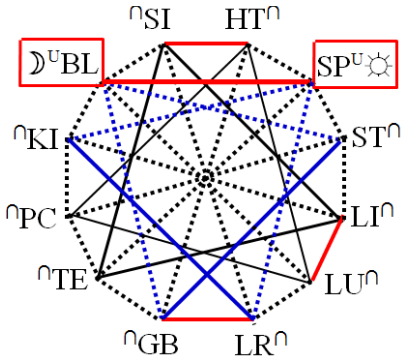


Fig.8

STEP-4. External and internal synchronous-asynchronous dependency between the systems of separate complexes conditions biophysical conflicts - phenomena of "Paradoxical reactions" **(∩ ∪).** These reactions lead the topographical structure of the vegetative Matrix to geometric perfection (fig.8).

STEP-5. There has been discovered a biophysical pacemaker (*driver of rhythm*) of the vegetative Matrix. It is composed of the systems of the first and the second functional complexes **SP-BL**, specific activity of which (in the form of two-hour functional biorhythm) directly depends on the phase of the Moon activity and UV - radiation (fig.9).

This peculiarity has led the structure of the Matrix to functional perfection...



Мал.9

In addition, we draw your attention to the following important positions.

1) Structure of Makats's functional-vegetative Matrix (fig.9) is a pathogenic basis of the Eastern Acupuncture therapy and the Western "Functional vegetology".

2) Structural-functional activity of the vegetative Matrix is constantly aimed at maintenance of dynamic stability of functional-vegetative homeostasis.

3) Theoretical and practical mistakes of the Chinese Acupuncture therapy are conditioned by the absence of knowledge of its vegetative orientation and biophysical reality of the functional-vegetative Matrix;

4) Formulation of therapeutic acupuncture must be conditioned by the structure of Matrix vegetative keys (complexes).

5) Appropriateness of the usage of the Vegetative Matrix for functional prognosis and correction of vegetative disorders is biophysically conditioned and justified from the point of view of rehabilitation;

To the greatest extend, Matrix-vegetative complexes take into account almost all biophysically real forms of systemic interdependency, which was formerly known as traditional hypothetical rules. On occasion, we remind that none of the hypothetical rules of the

Chinese Acupuncture therapy has received biophysical support, which points to the imperfection of its theoretical framework.

Bearing in mind the fundamental theoretical and practical importance of the vegetative Matrix, let us consider the structure of every Matrix (vegetative) key and its correspondence to the systemic dependencies.

Results and discussion

MATRIX COMPLEXES (VEGETATIVE KEYS).

Today, we have distinguished 12 functional groups that are conditioned by synchronous-asynchronous and paradoxical dependency of the basic elements of the Matrix and its the functional complexes:

BL= LU–ST–GB SI–KI–SP, **SP**=TE–KI–LR–ST–HT–BL, **LI**=KI–SI–TE–ST–LU, **TE**=SP–SI–LI–PC–GB, **SI**= LR–TE–LI–BL–HT, **LU**= BL–HT–PC–LI–LR, **PC**= ST–HT–LU–KI–TE, **HT**= GB–PC–LU–SI–SP, **ST**= PC–BL–GB– SP–LI, **GB**= HT–BL–ST–TE–LR, **KI**= LI –SP–LR–BL-PC, **LR**= SI–KI–SP–LU–GB (fig.10–21).

Now, let us consider the systemic dependency of the Matrix vegetative keys (complexes) and its biophysical reality. At the same time, we know that a change in the orientation of the dynamic activity of a Key will cause a reverse system-matrix dependency.

MATRIX KEYS FC-1

1. According to the vegetative Matrix (**BL=LU-ST-GB-SI-KI-SP**), excitation of the matrix key **+BL** conditions the following systemic dependency: **+BL**= + SP –LU –SI –KI ⋂–ST ⋂–GB. This biophysical dependency is observed in all groups of observation (fig.10). In this case, the dynamics of k-V (ve-getative equilibrium coefficients) at + **BL** indicates:

- stabilizing effect on vegetative balance and
- specific dependence on the part of representatives of all functional complexes;
- synchronous growth of activity of basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

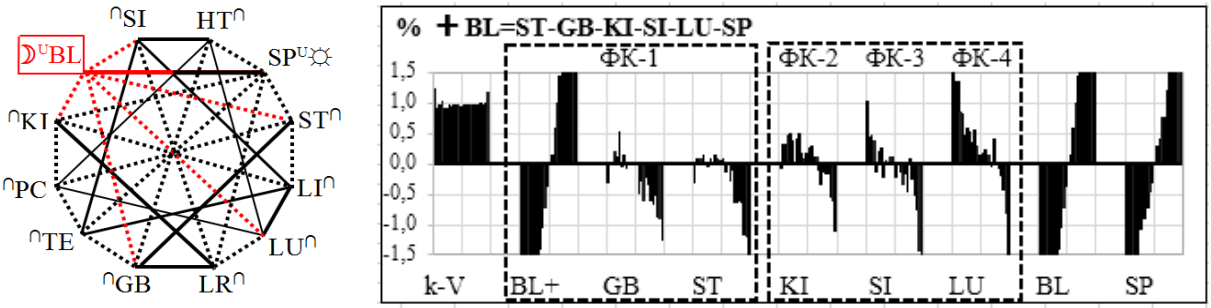


Fig.10 Biophysical reality of the Matrix prognosis with **+BL**

2.According to the vegetative Matrix (**GB=HT–BL–ST–TE–LR**), excitation of the matrix key **+GB** conditions the following systemic dependency: **+GB**= –BL +ST –HT ⋂+TE +LR. This biophysical dependency is observed in all groups of observation (fig.11).

In this case, the dynamics of k-V (ve-getative equilibrium coefficients) at + **GB** indicates:

- sympathetic (YANG) orientation of vegetative homeostasis;

- specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

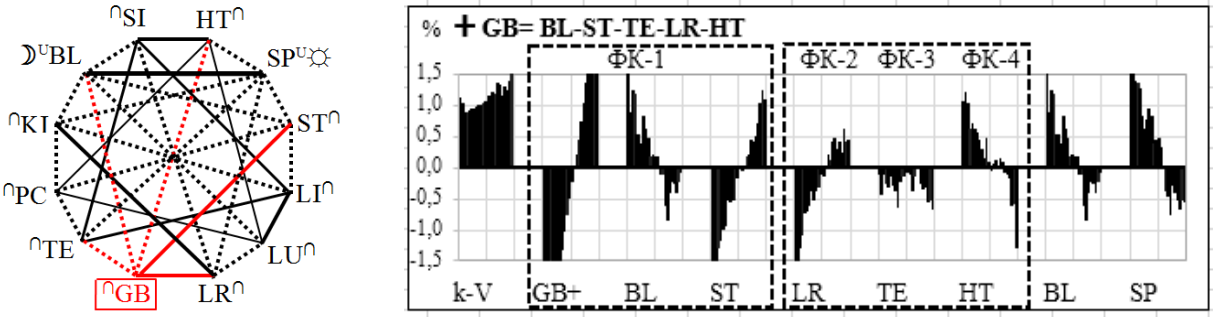


Fig.11 Biophysical reality of the Matrix prognosis with **+GB**

3.According to the vegetative Matrix (**ST=PC–BL–GB–SP–LI**), excitation of the matrix key **+ST** conditions the following systemic dependency: **+ST**= –BL +GB –PC –SP –LI. This biophysical dependency is observed in all groups of observation (fig.12).

In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **ST** indicates:

- sympathetic (YANG) orientation of vegetative homeostasis;
- Specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

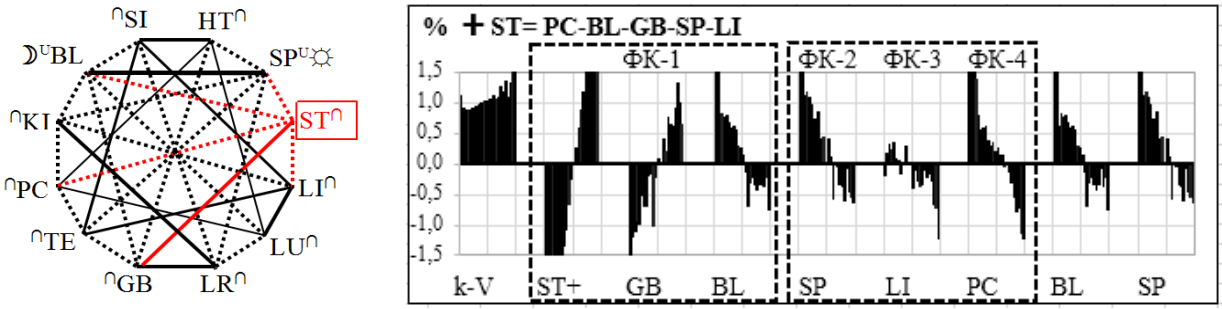


Fig.12 Biophysical reality of the Matrix prognosis with **+ST**

MATRIX KEYS FC-2

4.According to the vegetative Matrix (**SP=TE-KI-LR-ST-HT-BL**), excitation of the matrix key **+SP** conditions the following systemic dependency: **+SP**= +BL –TE –KI –LR –ST –HT This biophysical dependency is observed in all groups of observation (fig.13).

In this case, the dynamics of k-V (ve-getative equilibrium coefficients) at + **SP** indicates:

- Direct activating influence on BL (FC-1)…
- parasympathetic (YIN) orientation of vegetative homeostasis;
- Specific dependence on the part of representatives of all functional complexes;
- synchronous growth of activity of basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

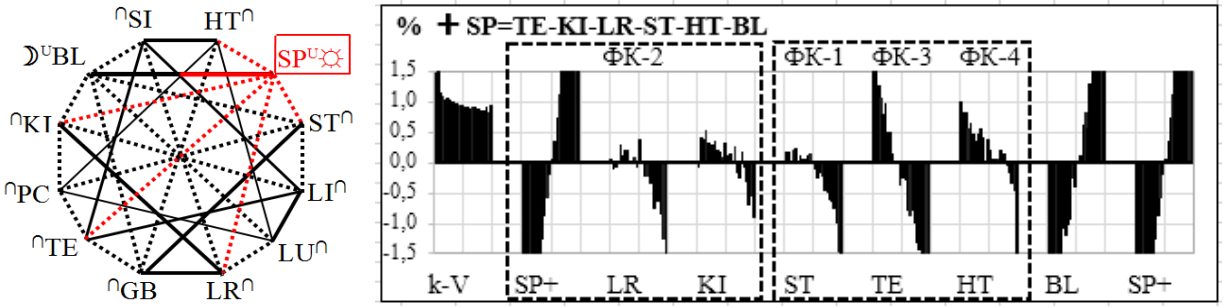


Fig.13 Biophysical reality of the Matrix prognosis with **+ SP**

5.According to the vegetative Matrix (**LR=SI–KI–SP–LU–GB**), excitation of the matrix key **+LR** conditions the following systemic dependency: **+LR**= –SP +KI –LI –SI +GB – LU. This biophysical dependency is observed in all groups of observation (fig.14). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **LR** indicates:

- parasympathetic (YIN) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

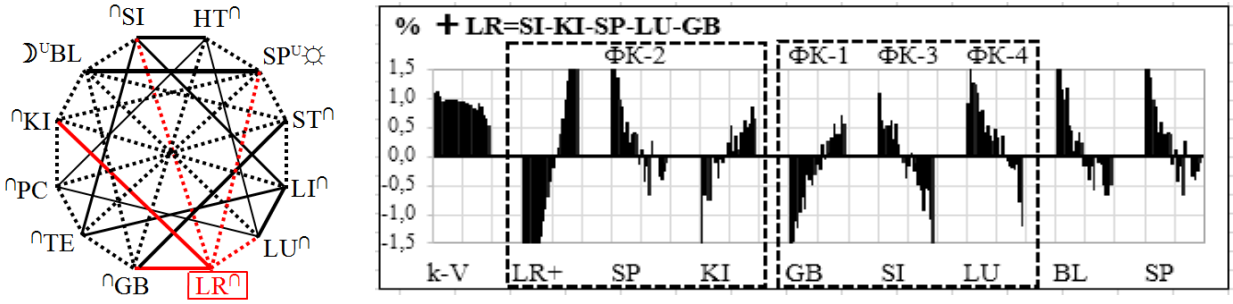


Fig.14 Biophysical reality of the Matrix prognosis with **+ LR**

6.According to the vegetative Matrix (**KI=LI–SP–LR–BL–PC**), excitation of the matrix key **+KI** conditions the following systemic dependency: **+KI**= U–SP +LR –LI U–BL –PC. This biophysical dependency is observed in all groups of observation (fig.15). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **KI** indicates:

- parasympathetic (YIN) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- Asynchronous-paradoxical activity of basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

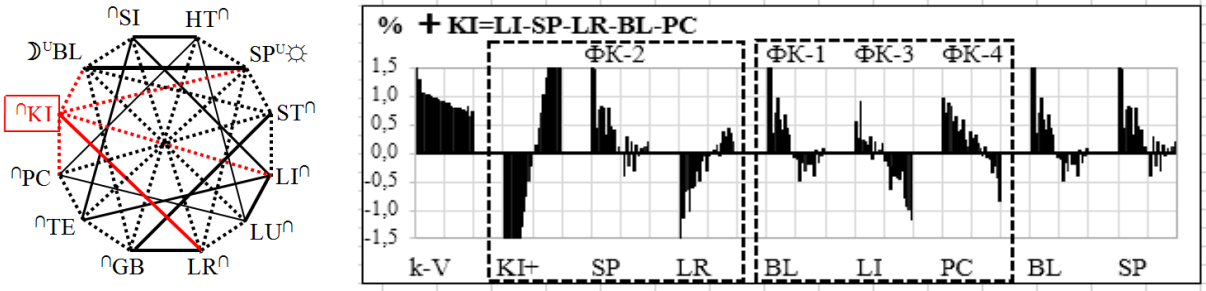


Fig.15 Biophysical reality of the Matrix prognosis with **+ KI**

MATRIX KEYS FC-3

7.According to the vegetative Matrix (**SI=LR–TE–LI–BL–HT**), excitation of the matrix key **+SI** conditions the following systemic dependency: **+SI**= ∩+LI ∩+TE –LR ∪–BL +HT. This biophysical dependency is observed in all groups of observation (fig.16). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **SI** indicates:

- sympathetic (YANG) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- Asynchronous-paradoxical activity of basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

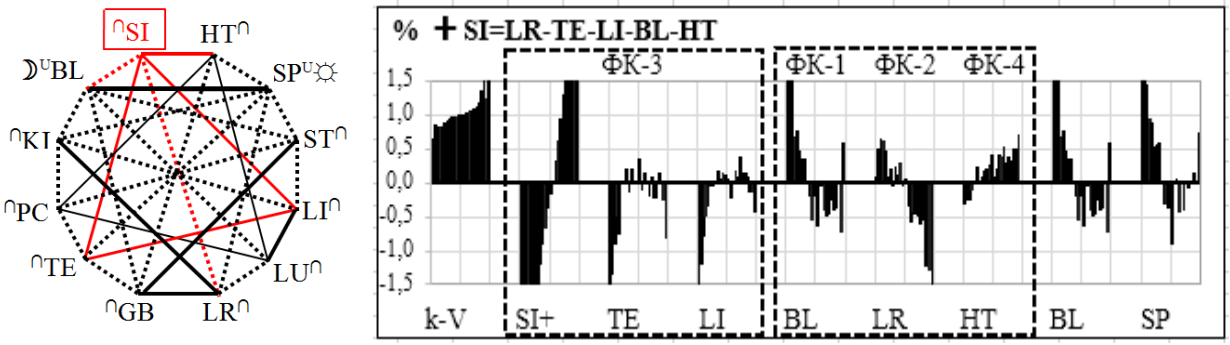


Fig.16 Biophysical reality of the Matrix prognosis with **+ SI**

8.According to the vegetative Matrix (**TE=SP–SI–LI–PC–GB**), excitation of the matrix key **+TE** conditions the following systemic dependency: **+TE**= ∪+SI +LI –SP –PC ∩–GB. This biophysical dependency is observed in all groups of observation (fig.17). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **TE** indicates:

- sympathetic (YANG) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

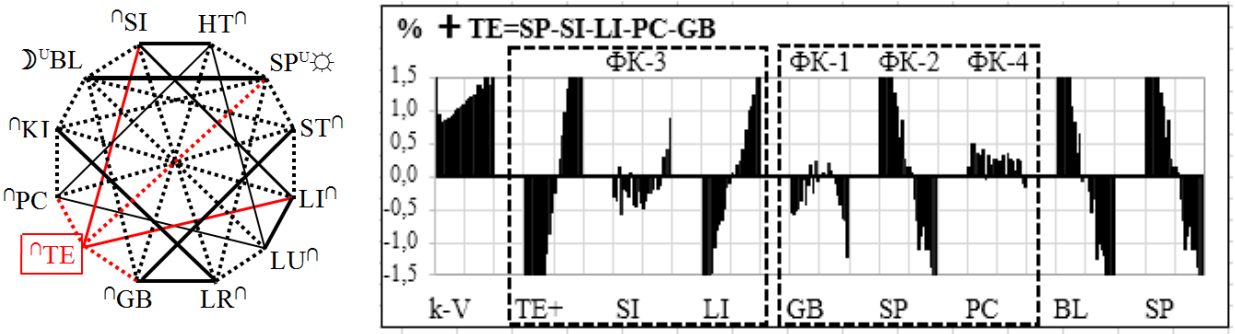


Fig. 17 Biophysical reality of the Matrix prognosis with **+ TE**

9.According to the vegetative Matrix (**LI=KI–SI–TE–ST–LU**), excitation of the matrix key **+ LI** conditions the following systemic dependency: **+LI**= +TE +SI –KI +LU ∩ –ST. This biophysical dependency is observed in all groups of observation (fig.18). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **LI** indicates:

- sympathetic (YANG) orientation of vegetative homeostasis;

- specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

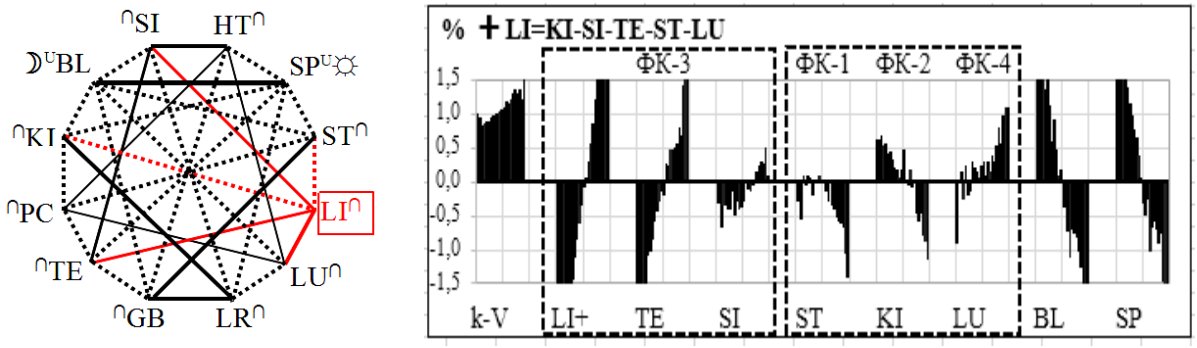


Fig.18 Biophysical reality of the Matrix prognosis with **+ LI**

MATRIX KEYS FC-4

10.According to the vegetative Matrix (**LU=BL–HT–PC–LI–LR**), excitation of the matrix key **+LU** conditions the following systemic dependency: **+LU**= +PC +HT –BL +LI –LR. This biophysical dependency is observed in all groups of observation (fig.19). In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **LU** indicates:

- parasympathetic (YIN) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

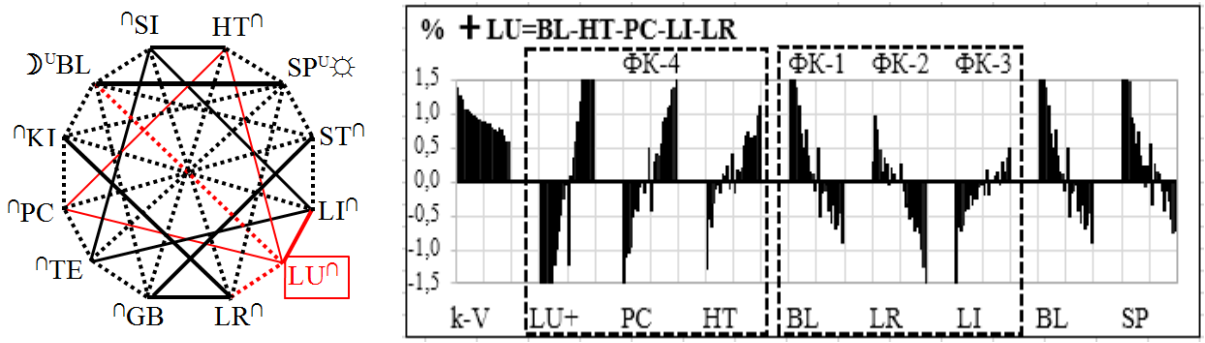


Fig.4.19 Biophysical reality of the Matrix prognosis with **+ LU**

11.According to the vegetative Matrix (**PC= ST–HT–LU–KI–TE**), excitation of the matrix key **+PC** conditions the following systemic dependency: **+PC**= +HT +LU –ST –KI ∩–TE. This biophysical dependency is observed in all groups of observation (fig.4.20).

In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **PC** indicates:

- parasympathetic (INN) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;...
- asynchronous inhibition of the activity of the basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

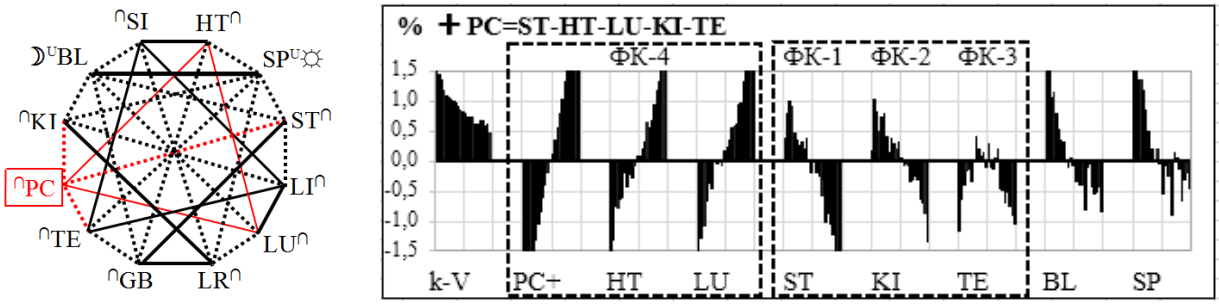


Fig.4.20 Biophysical reality of the Matrix prognosis with **+ PC**

21.According to the vegetative Matrix (**HT=GB–PC–LU–SI–SP**), excitation of the matrix key **+HT** conditions the following systemic dependency: **+HT**= +LU +PC – GB +SI ∩–SP. This biophysical dependency is observed in all groups of observation (fig.4.21).

In this case, the dynamics of k-V (vegetative equilibrium coefficients) at + **HT** indicates:

- parasympathetic (INN) orientation of vegetative homeostasis;
- specific dependence on the part of representatives of all functional complexes;
- Asynchronous-paradoxical activity of basic vegetative regulators BL (FC-1) and SP (FC-2).

Matrix prognosis is biophysically real

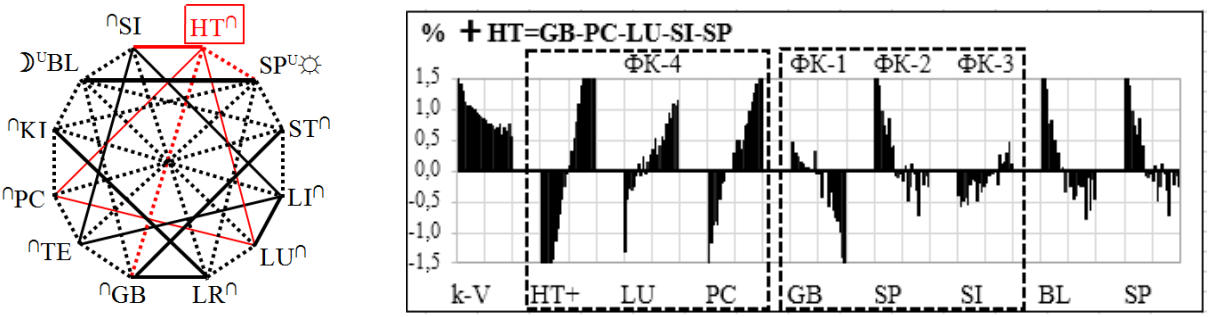


Fig.21 Biophysical reality of the Matrix prognosis with **+ HT**

Conclusions and prospect of research

1. These materials show the biophysical reality of the Matrix prognosis.

2. Makats's vegetative matrix biophysically combines Eastern theoretical basis of acupuncture therapy and translates it into a really existing Western "Functional vegetology."

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