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Initial course of remote training of doctors
on a problem: "Functional biodiagnostics and
Correction of vegetative infringements at children".*

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76.29.47-pediatrics; 76.35.35-rehabilitation;
76.35.49-alternative medicine;

*... According to recommendations the CART of one of
bases of medicine at the present stage should become
electro diagnostics on points of acupuncture and reflex-
otherapy ... [the International meeting the CART on
traditional medicine. Yerevan, 19-20.09.2003].*

IS FUNCTIONAL-VEGETATIVE COMPLEXES AND THEM INTERDEPENDENT ACTIVITY (message-12).

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The resume. Features of system dependence between functional complexes are considered. Their reactions to excitation and oppression of separate functional systems are revealed. The conclusion is drawn on a biophysical reality of a phenomenon and its contradiction with traditional representation about the directed circulation of energy on the Big circle. Identification of complex dependence specifies in necessity of detailed studying of a phenomenon.

Keywords. Is functional-vegetative system of the person, system dependence, functional complexes.

The short preface. Lecture "Is functional-vegetative complexes and their interdependent activity" is devoted not-known before Is functional-vegetative system (FVS) and is a fragment of proofs of its biophysical reality. In lecture following designations акупунктурных the channels (meridians) are used, traditional органное which name is presented today by concept about interdependent functional systems: LU-Lungs; LI-thick intestines; a ST-stomach; a SP-spleen (pancreas); HT-heart; SI-small intestines; a BL-bladder; KI-kidneys; a PC pericardium; a TE-threefold heater (lymphatic system); a GB-gall bladder and a LR-liver.

Analogs the presented experimental materials aren't present.

Research objective - the information of the scientific and medical public about not-known before Is functional-vegetative system of the person. Open phenomena confirm a biophysical reality of

channels of acupuncture (meridians) of traditional Chzhen-tszju of therapy, its system character and the direct relation to a vegetative homeostasis. Biophysical audit of traditional positions specifies in a number of theoretical and practical errors that demands additional specialization of experts and corresponding correction of curriculums.

Materials and research methods. Supervision over functional (vegetative) health of the children's population of Ukraine were spent under the Program "System of two stages of rehabilitation of vegetative infringements at children living in a zone of radiating control of Ukraine" (Commissions of the Cabinet of Ukraine №1861/4 and №12010/87)" on the basis of an original method of vegetative biodiagnostics (on V.Makats) [1-2; 4-9; 15-16].

Its methodology is proved by unknown earlier biophysical phenomena, has original standard base and is characterized by comparability of the received results at repeated researches. Under the Program it is surveyed more than 18.000 children of a different floor and age.

Results of research and their discussion. It is established that any system the excitation (oppression) provokes specifically directed reactions from other systems, uniting them in separate functional complexes (fig. 1).

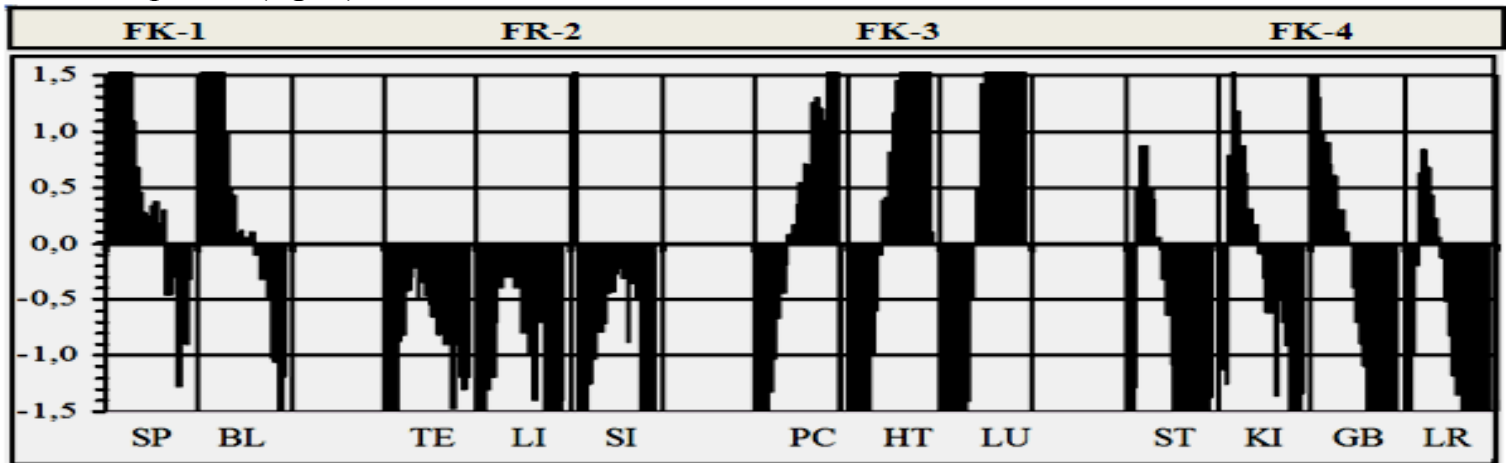
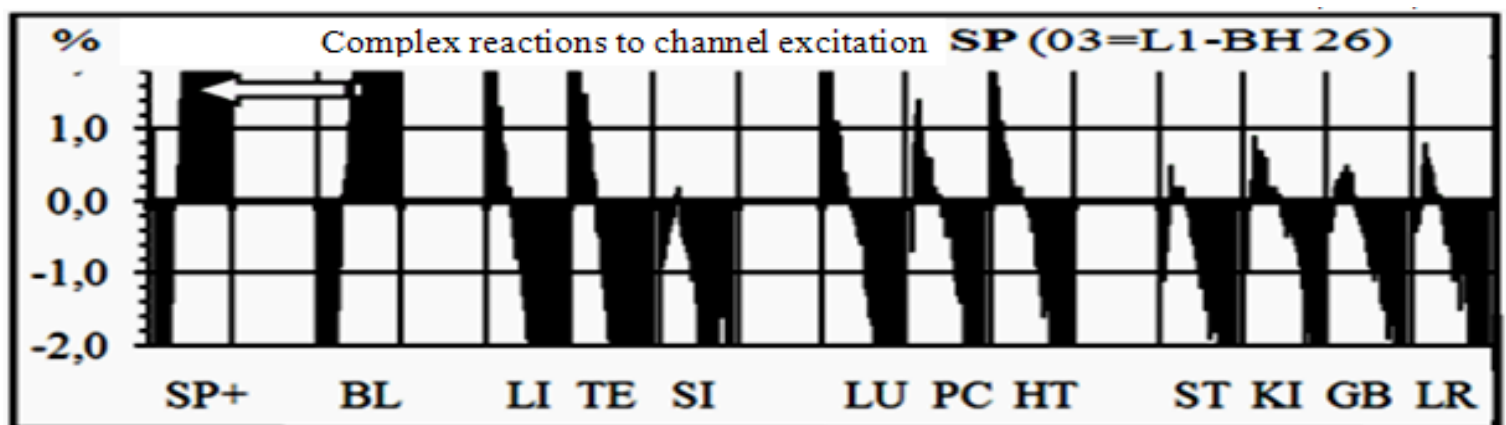


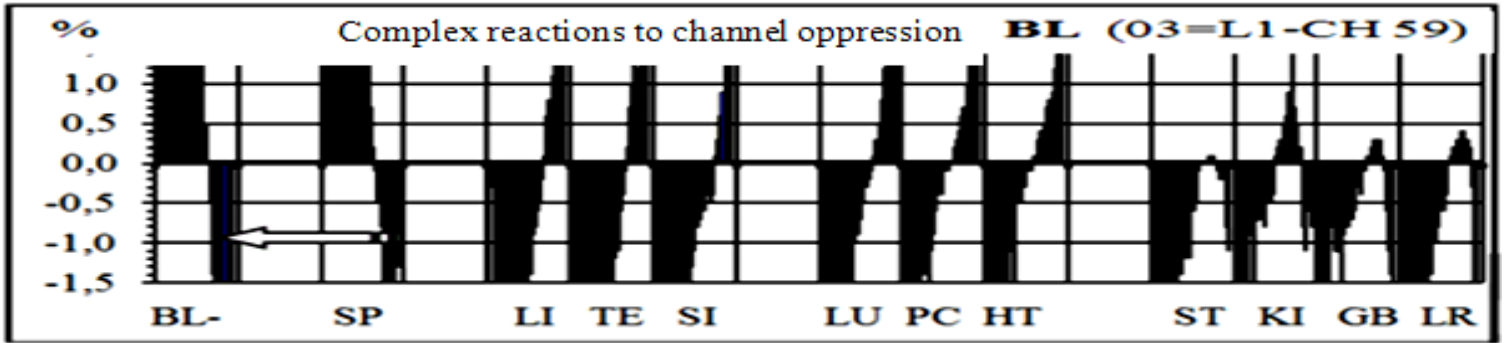
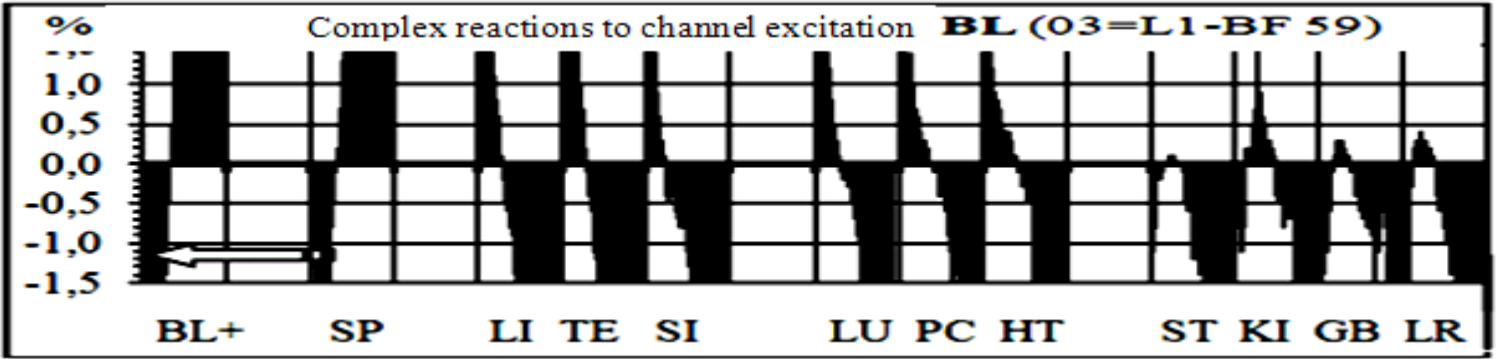
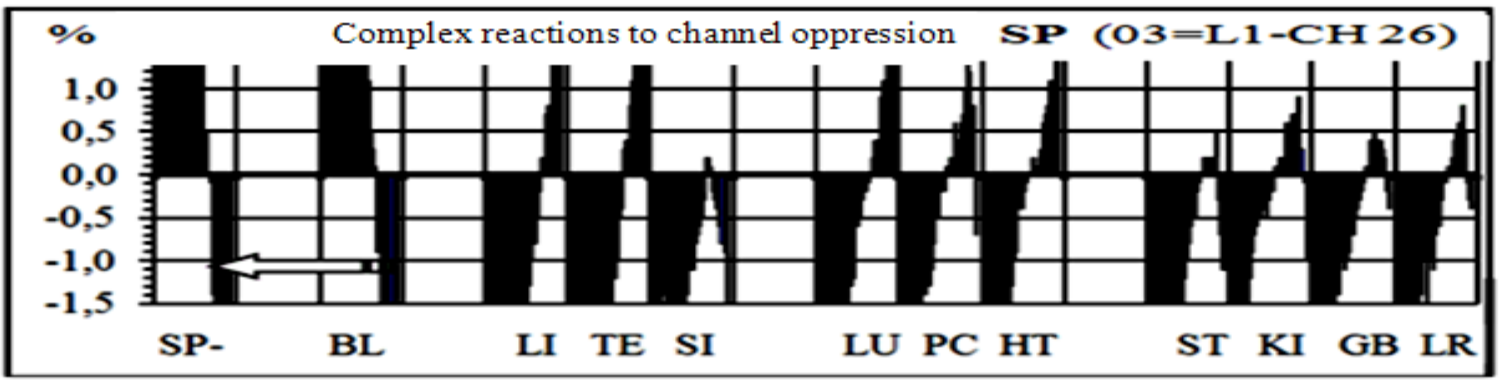
Fig. 1 System groups forming separate functional complexes.

There is a question on an orientation of complex system reactions to excitation and oppression of separate functional systems (fig. 2)?

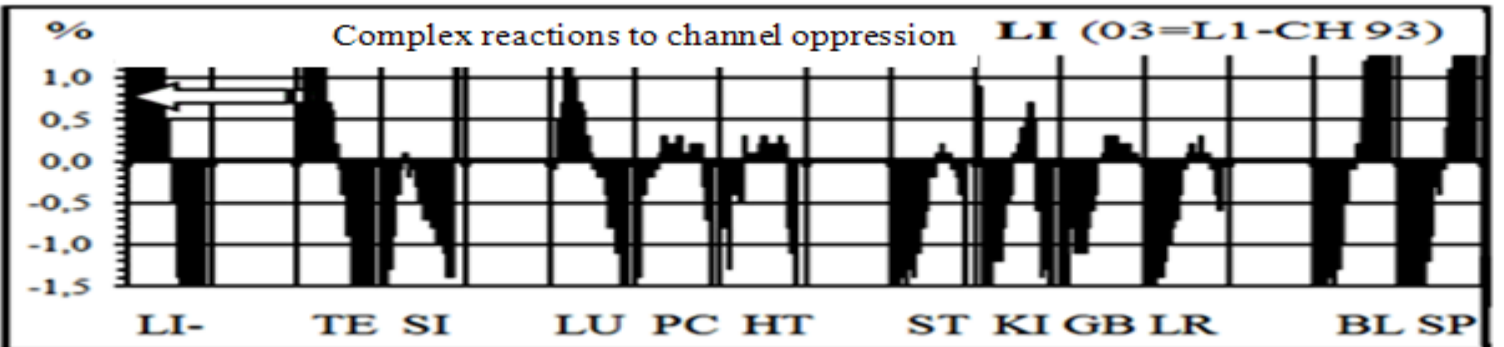
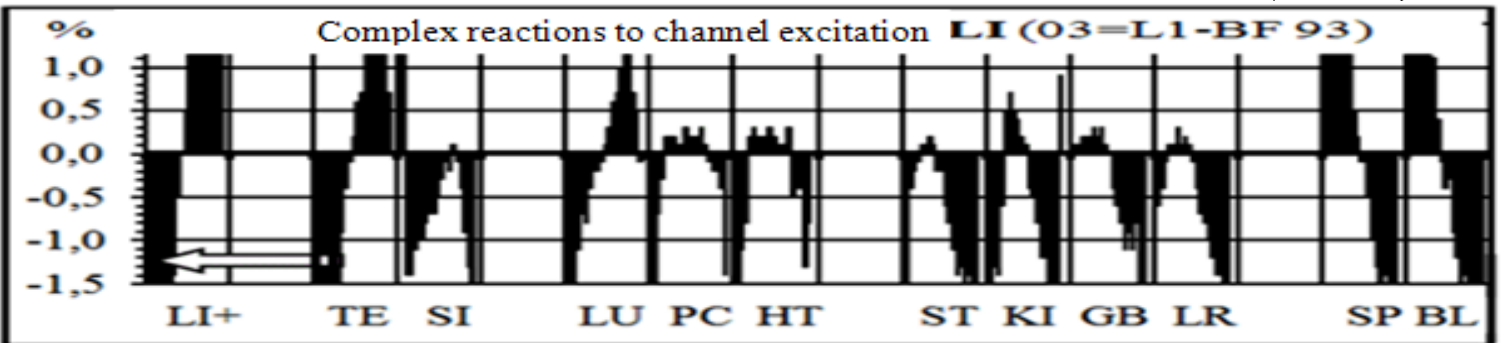
COMPLEX REACTIONS TO EXCITATION AND OPPRESSION OF SEPARATE CHANNELS (FIG.2)

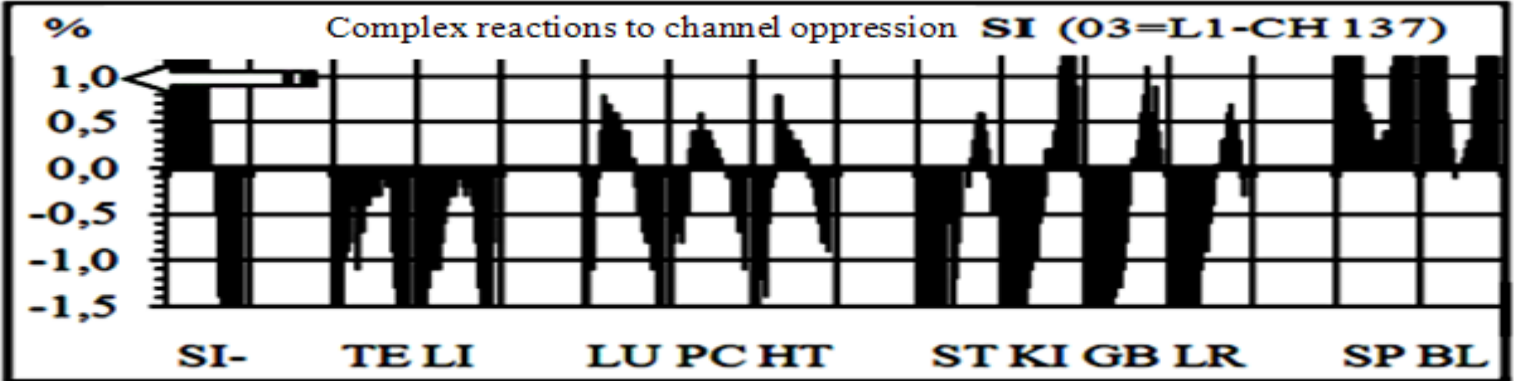
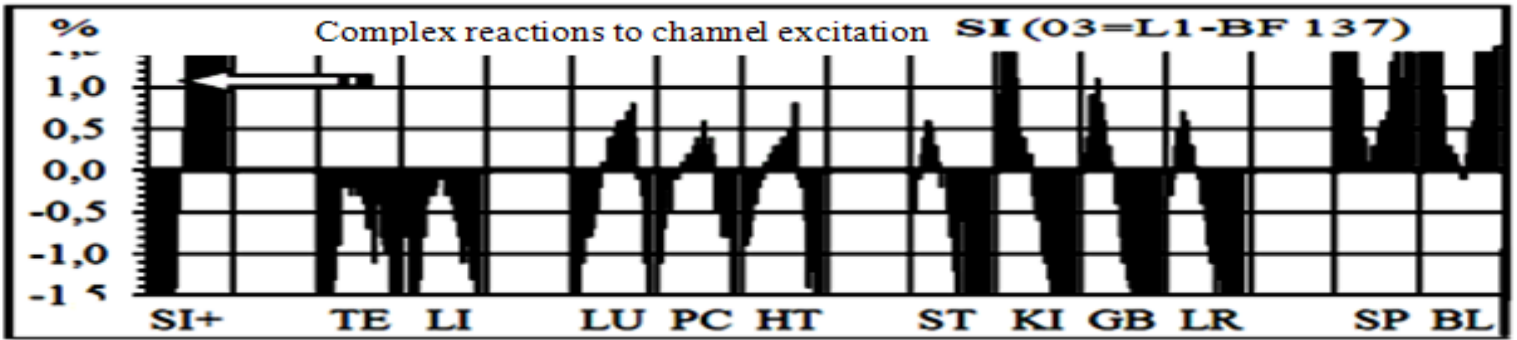
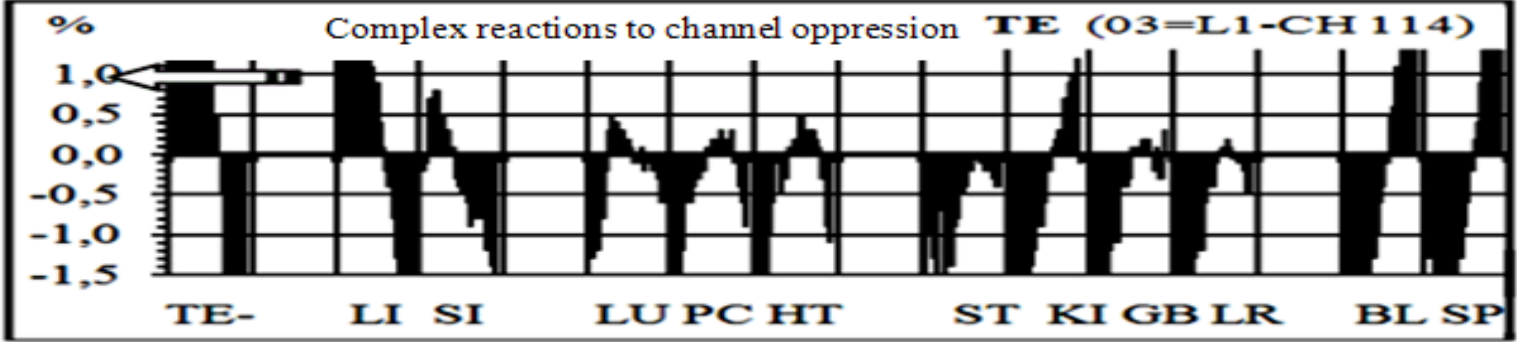
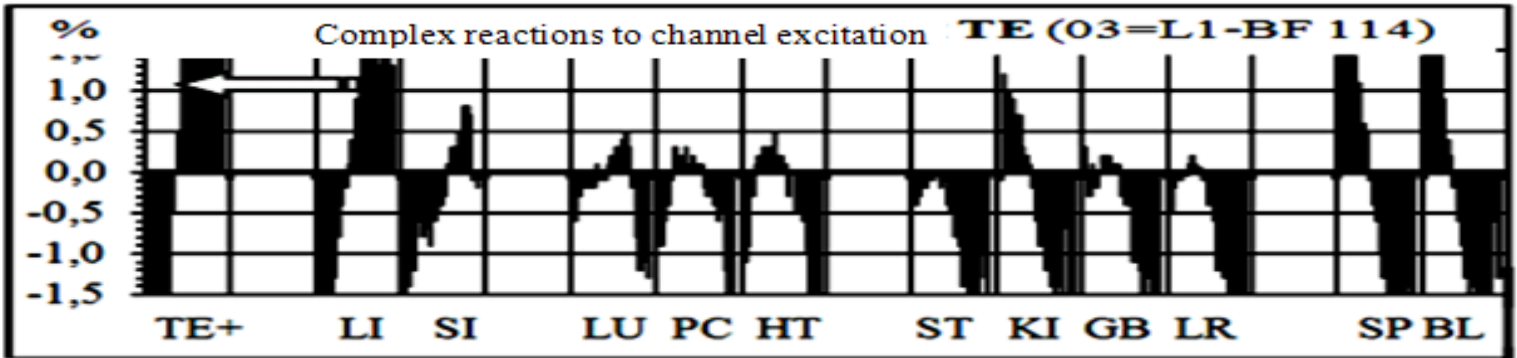
COMPLEX REACTIONS TO EXCITATION AND OPPRESSION OF CHANNELS FK-1 (SP-BL)



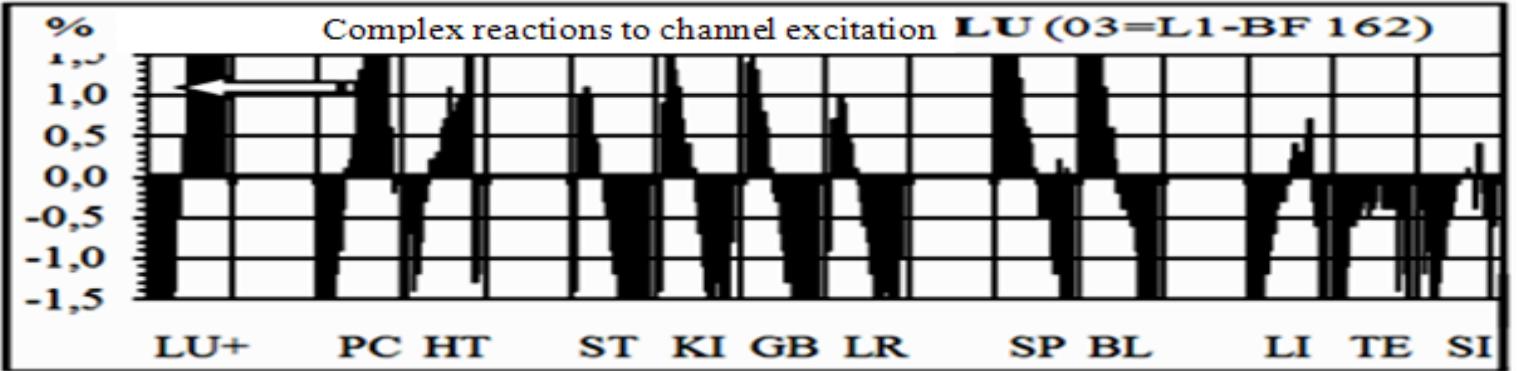


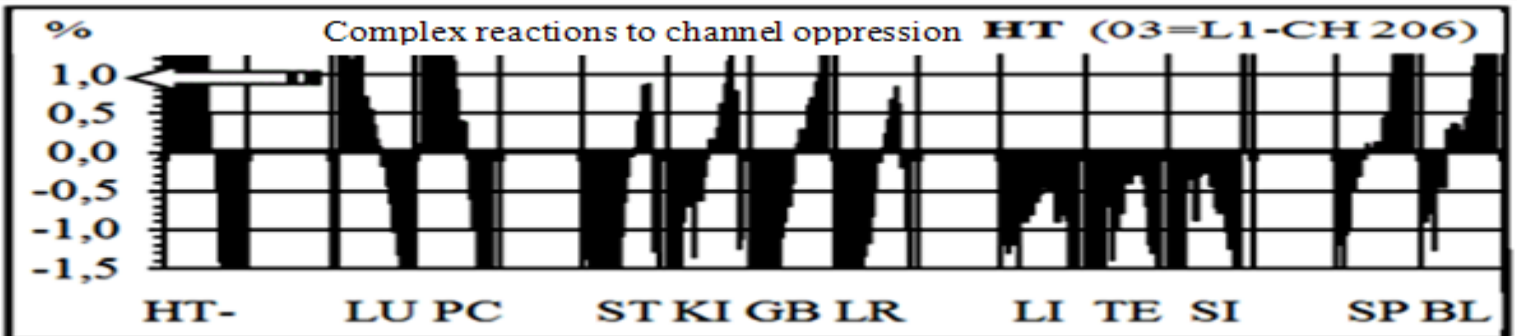
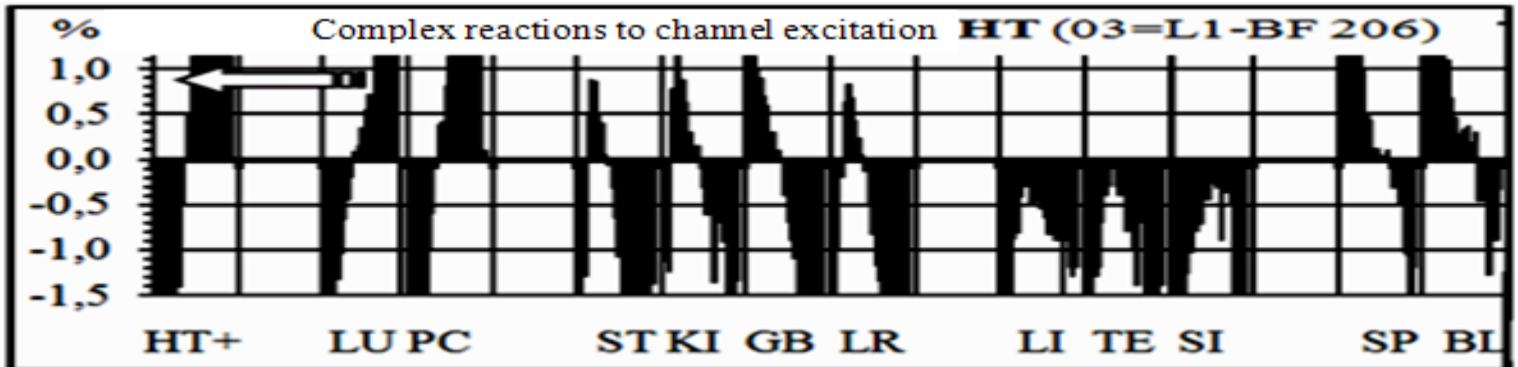
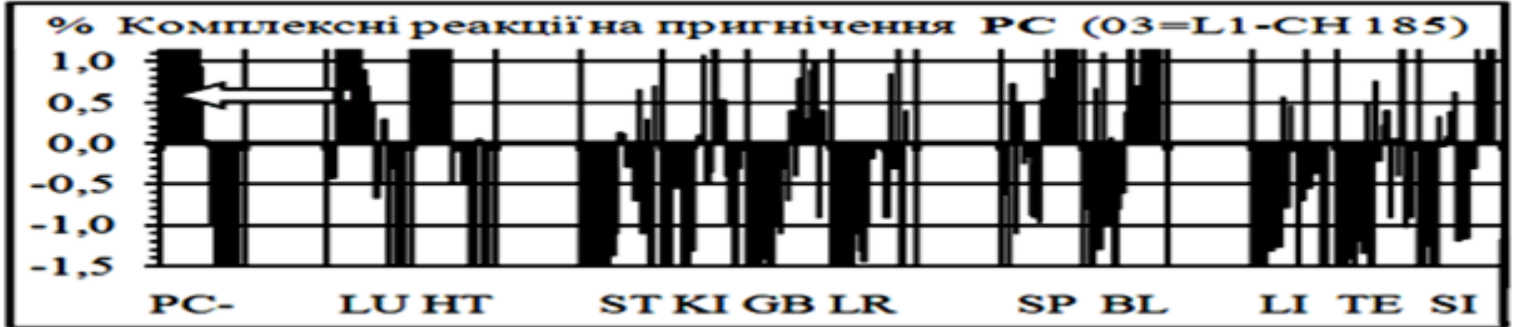
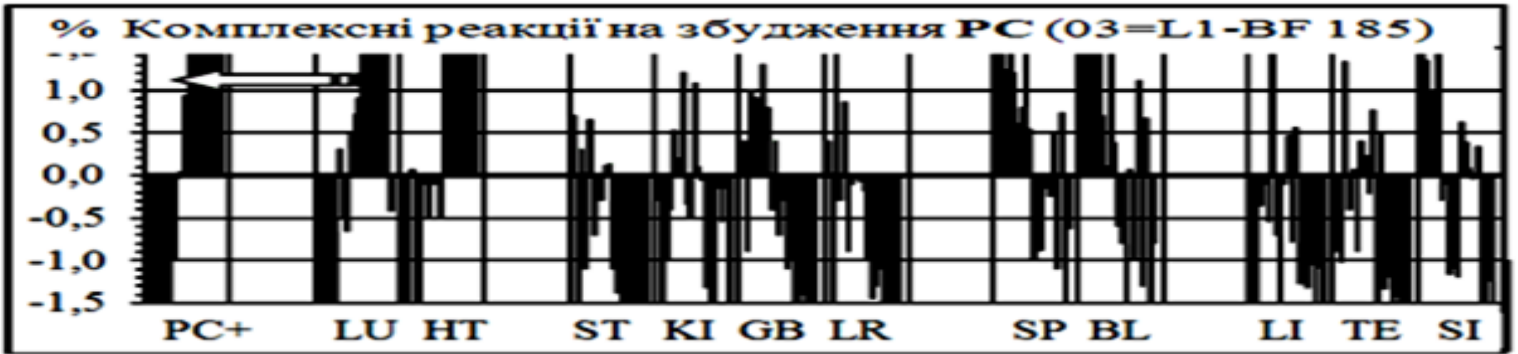
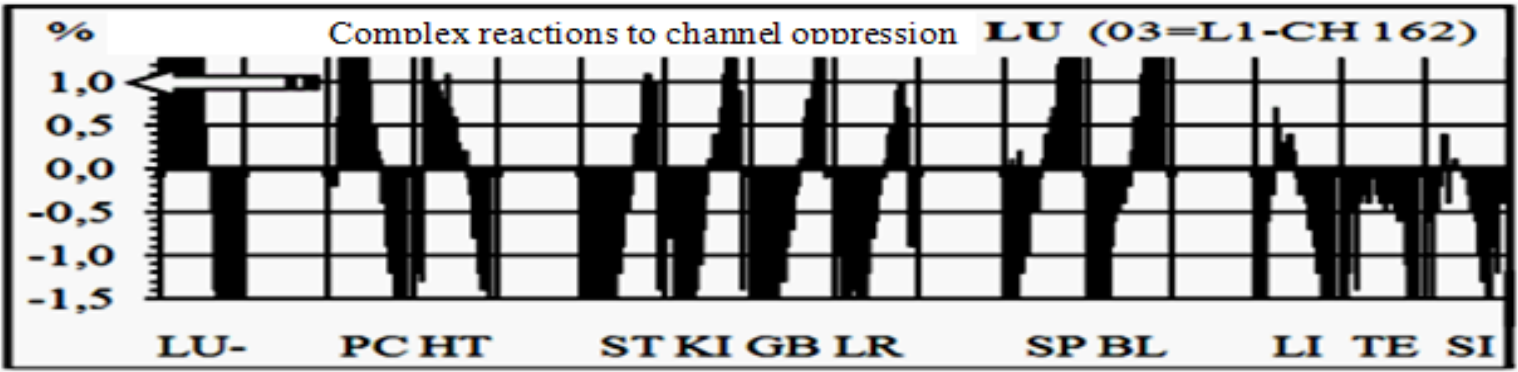
COMPLEX REACTIONS TO EXCITATION AND OPPRESSION OF CHANNELS FK-2 (LI-TE-SI)



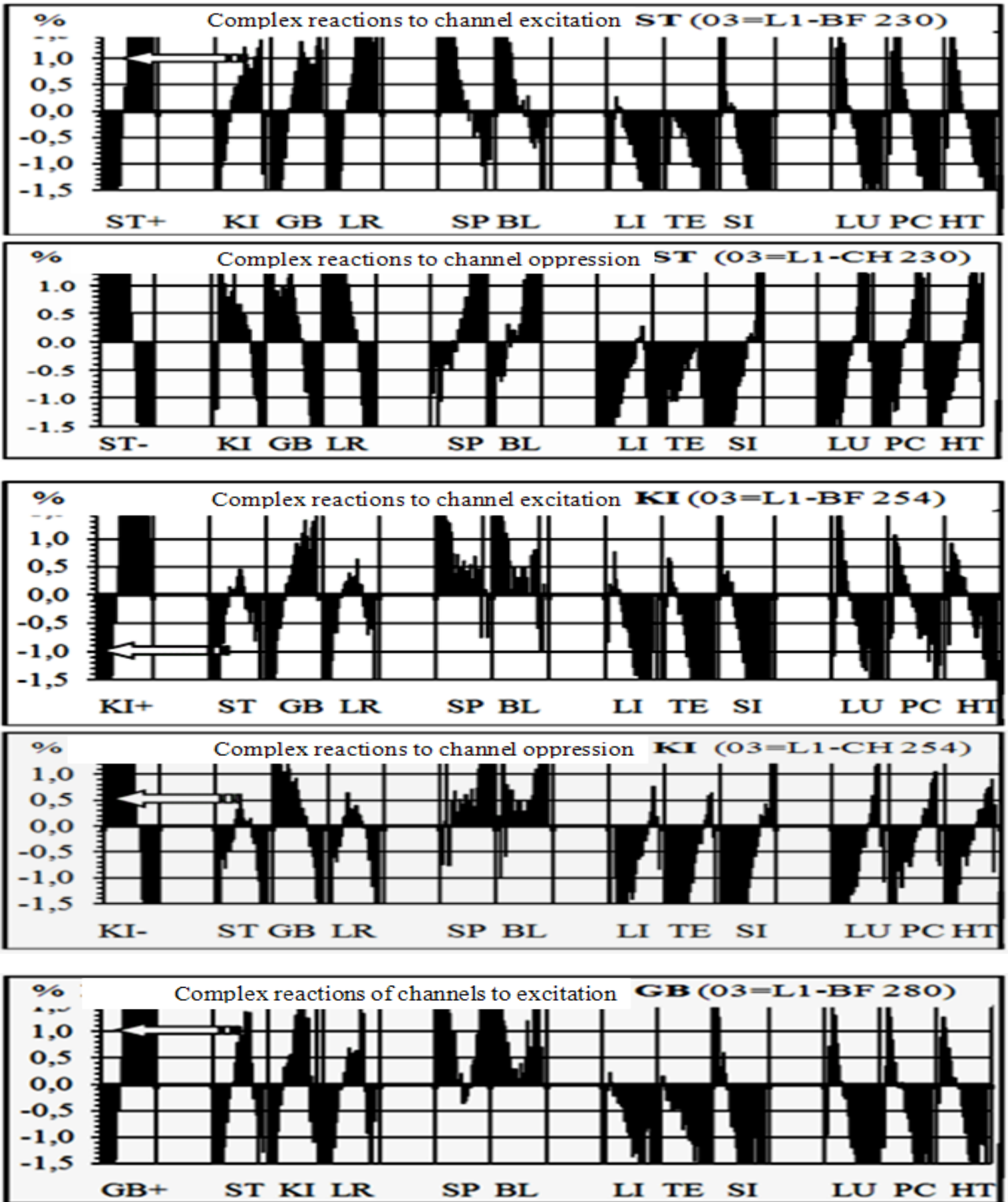


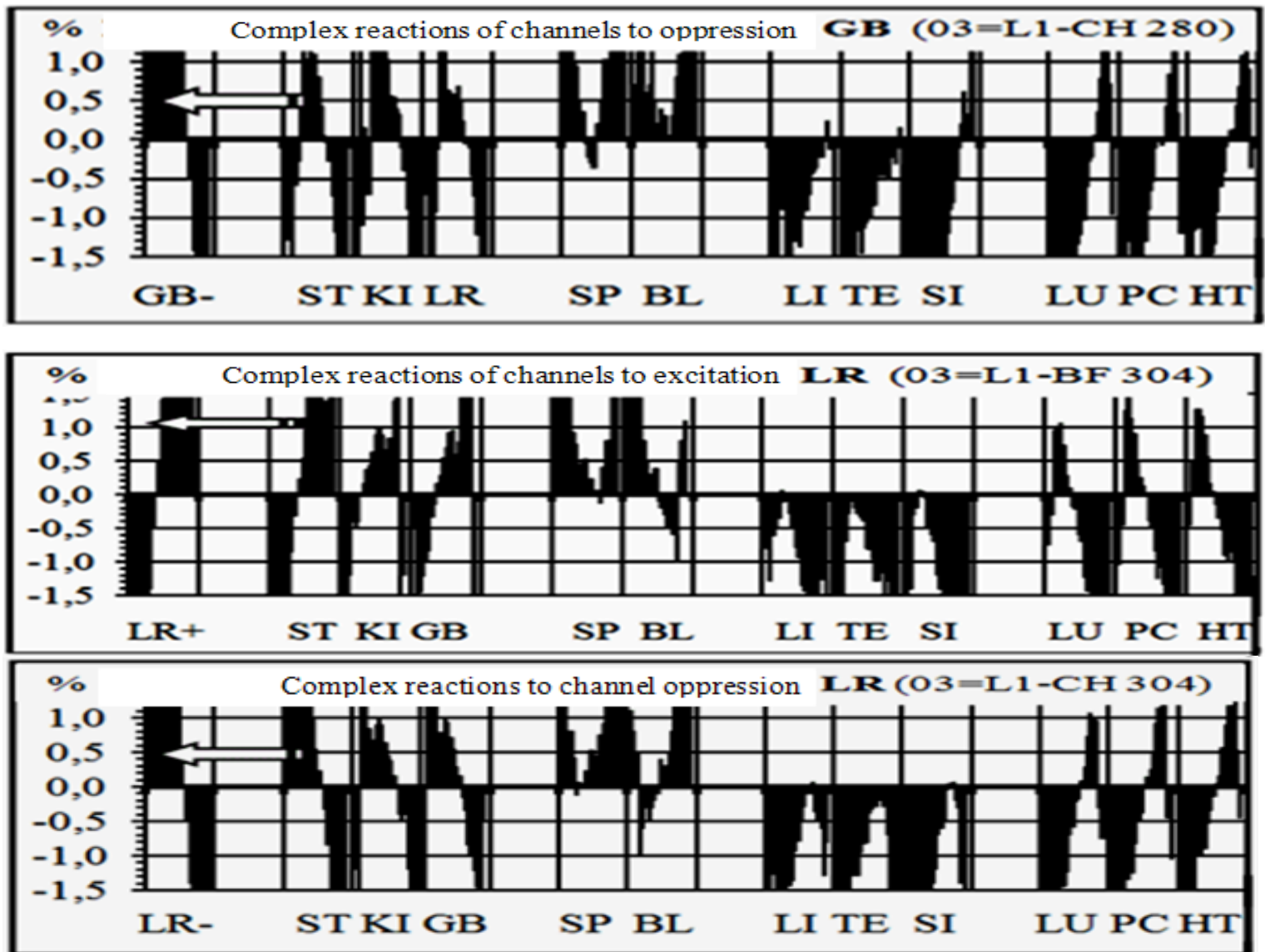
COMPLEX REACTIONS TO EXCITATION AND OPPRESSION OF CHANNELS FK-3 (LU-PC-HT)





COMPLEX REACTIONS TO EXCITATION AND OPPRESSION OF CHANNELS FK-4 (ST-KI-GB-LR)





INTERDEPENDENCE BETWEEN FUNCTIONAL COMPLEXES.

So, any system the excitation (or oppression) forms occurrence of specifically directed reactions from other systems. There is a question on dependence of separate functional complexes from activity of separate systems?

Let's understand ...

Accruing excitation of systems FK-1 (RP-BL) is accompanied by oppression of total functional activity FK-2 (TE-LI-SI) and FK-3 (PC-HT-LU), and causes occurrence of paradoxical reactions from party FK-4 (ST-KI-GB-LR) [fig. 3a,b].

Controllable excitation of systems FK-2 (TR-LI-SI) is accompanied by oppression of total functional activity FK-1 (SP-BL) and FK-4 (ST-KI-GB-LR) and causes occurrence of paradoxical reactions from party PC-HT and excitation LU (FK-3) [fig. 4a-c].

Accruing excitation of systems FK-3 (PC-HT-LU) is accompanied by oppression of total functional activity FK-1 (SP-BL) and FK-4 (ST-KI-GB-LR) and causes accurate display of paradoxical reactions from party FK-2 (TE-LI-SI) [fig. 5 a-c].

Accruing excitation of systems FK-4 (ST-KI-GB-LR) is accompanied by oppression of total activity FK-2 (TE-LI-SI) and FK-3 (PC-HT-LU), paradoxical reaction from party FK-1 (SP-BL) at

excitation KI-GB which passes in oppression at excitation ST-LR [fig. 6 a-d].

Fig. 3 Reaction of complexes to excitation of functional systems FK-1

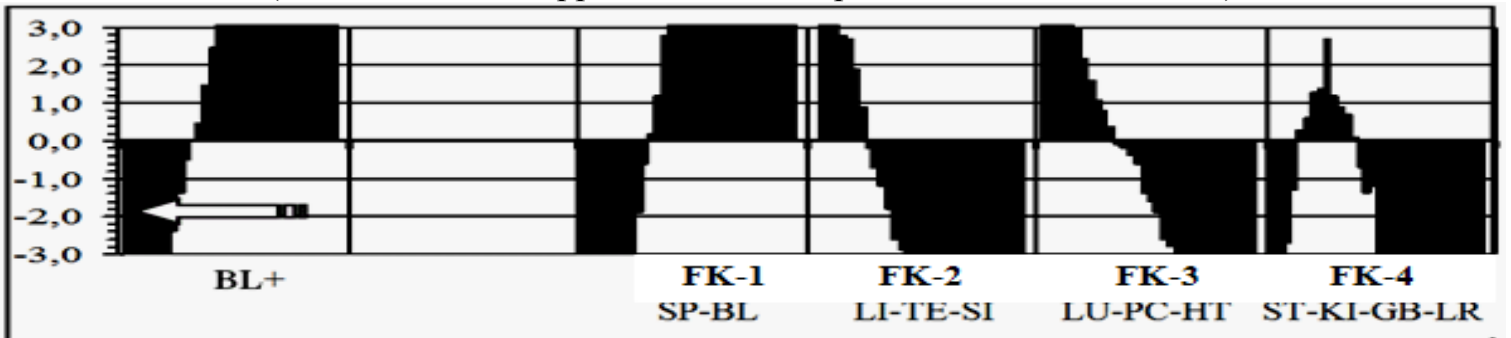
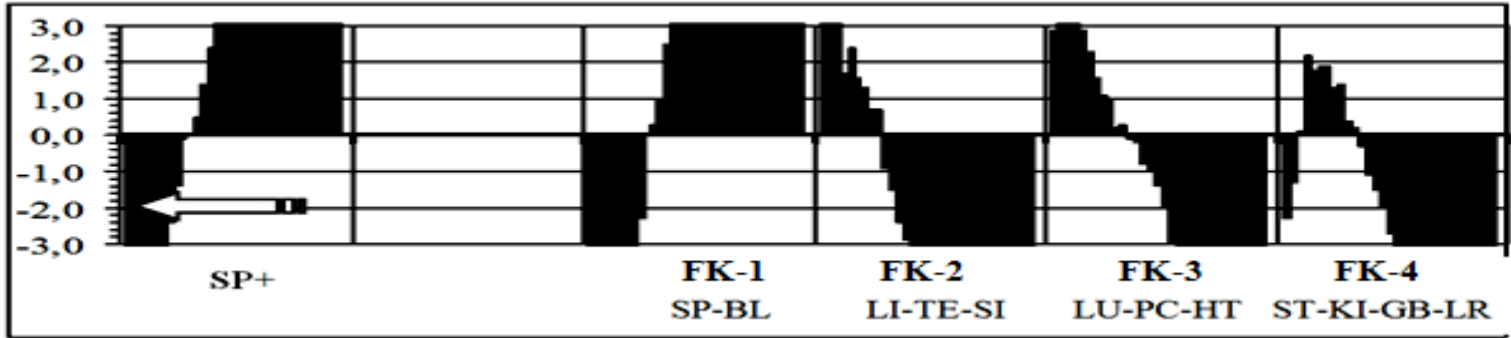
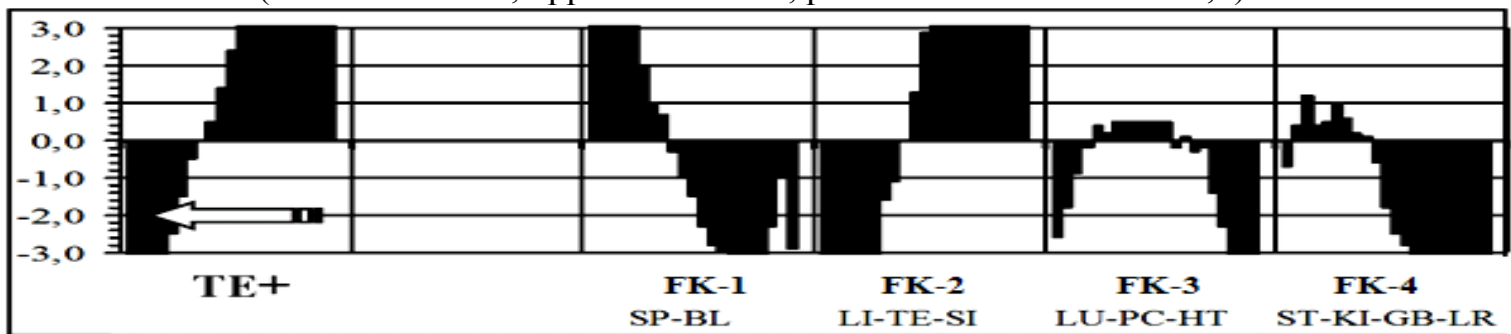
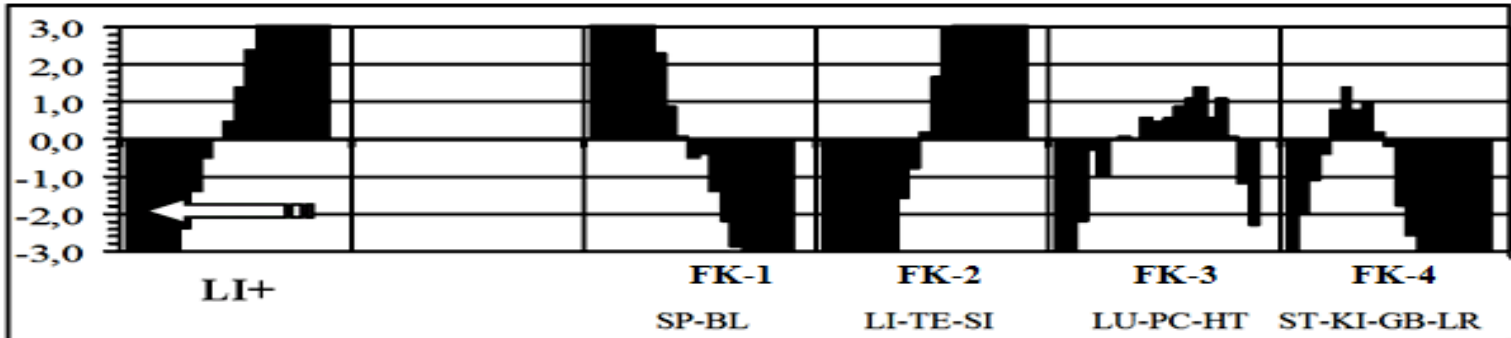


Fig. 4 Reaction of complexes to excitation of functional systems FK-2



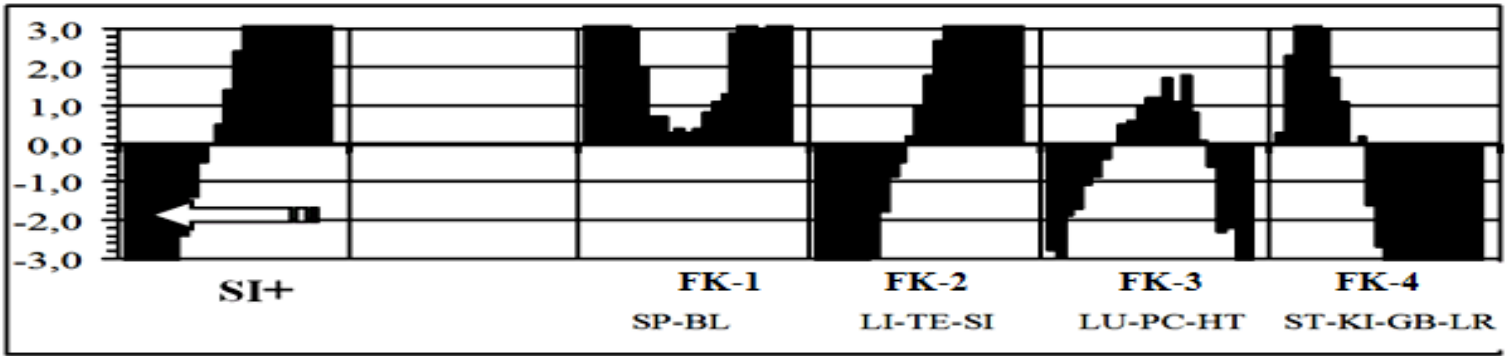


Fig. 4c Reaction of functional complexes to excitation SI
(Excitation FK -2; oppression FK -4; paradoxical reaction FK -1,3)

Fig. 5 Reaction of complexes to excitation of functional systems FK-3

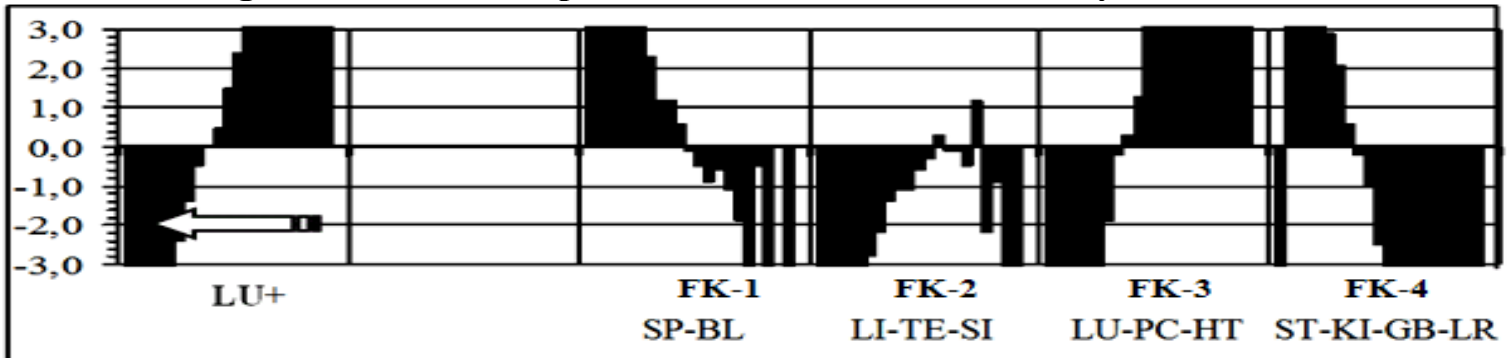


Fig. 5a Reaction of functional complexes to excitation LU
(Excitation FK -3; oppression FK -1,4; paradoxical reaction FK -2)

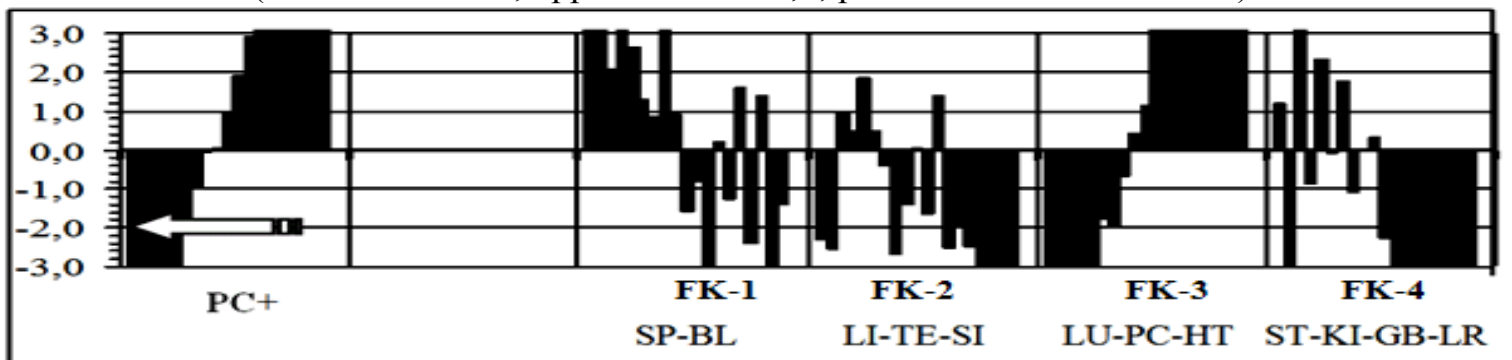


Fig. 5b Reaction of functional complexes to excitation PC
(Excitation FK -3; oppression FK -1,2,4; paradoxical reaction FK -2)

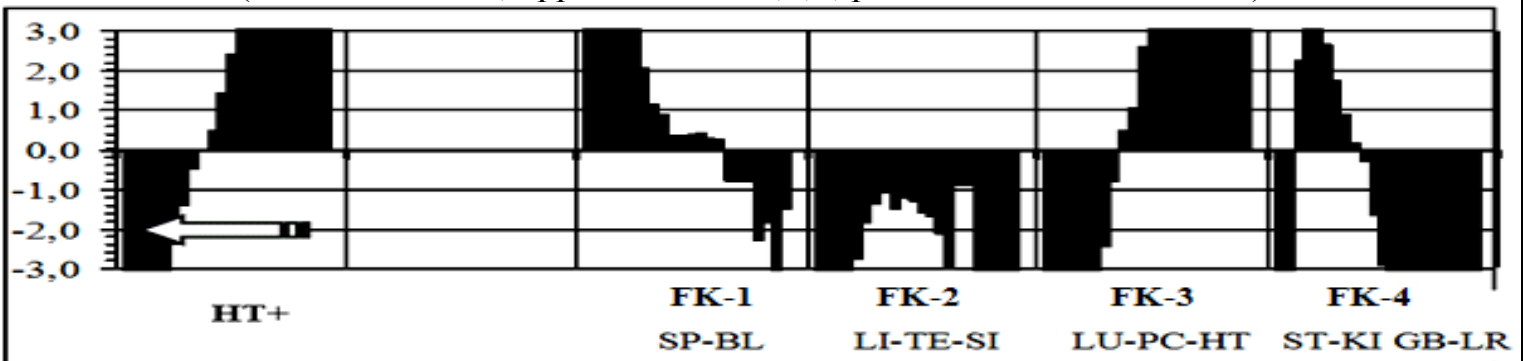
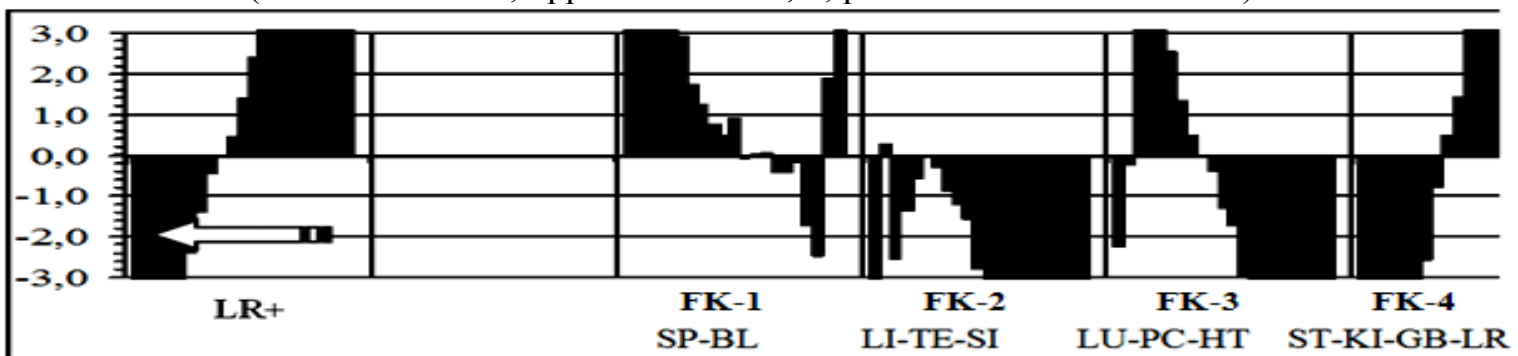
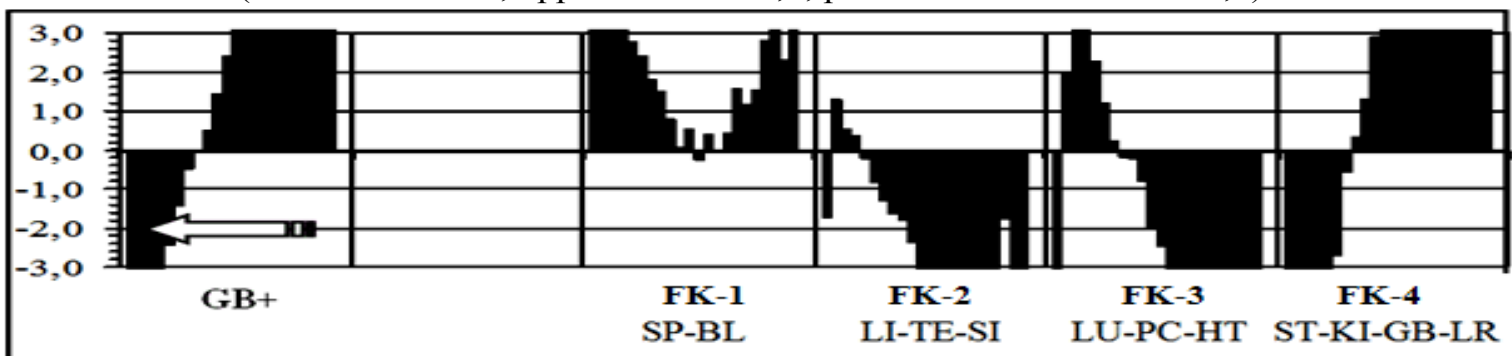
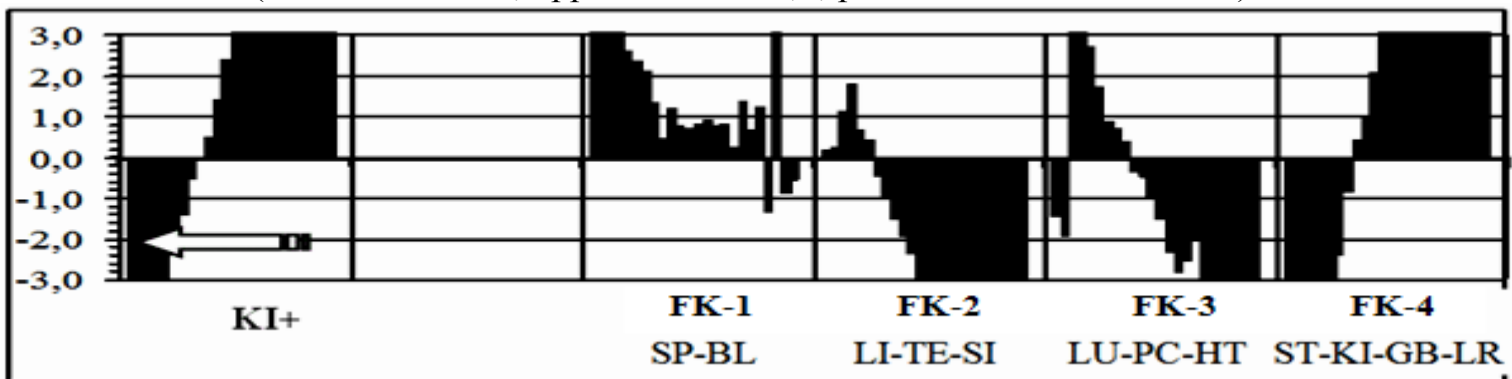
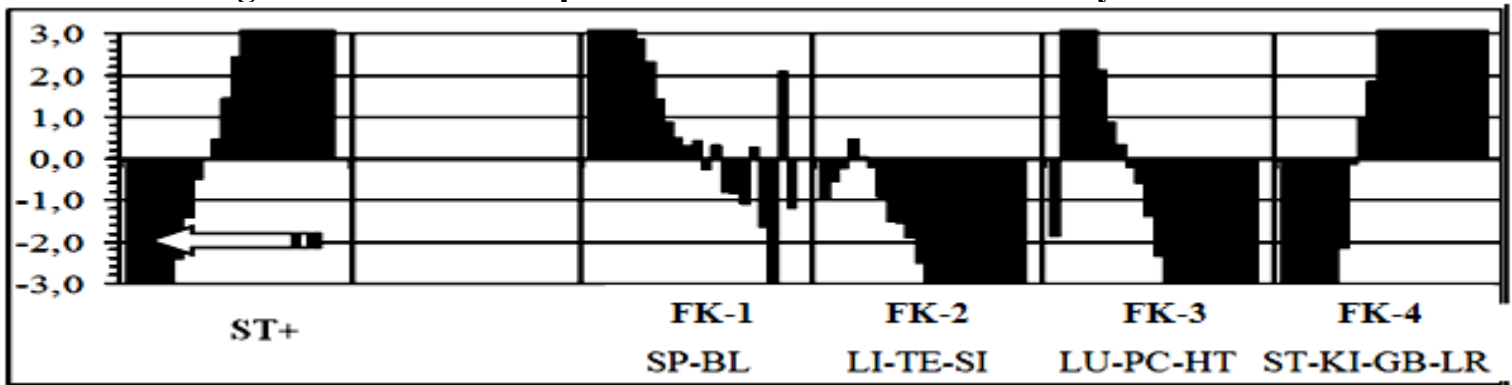


Fig. 5c Reaction of functional complexes to excitation HT
(Excitation FK -3; oppression FK -1,4; paradoxical reaction FK -2)

Fig. 6 Reaction of complexes to excitation of functional systems FK-4



Thus, total activity of separate complexes accurately specifies in functional dependence existing between them. Thus doesn't cause about existence of the biophysical phenomena unknown to a modern science causing and regulating revealed realities (is functional-vegetative system of the person and its functional complexes)...

There is a question on a role of paradoxical reactions ...

Conclusions.

1. The biophysical reality of four functional complexes is proved: FK -1 (SP-BL); FK -2 (LI-TE-SI); FK -3 (LU-PC-HT) and FK -4 (ST-KI-GB-LR).
2. Activity of each complex is formed by its intracomplex functional systems.
3. Total activity of separate complexes specifies in functional dependence existing between them.
4. "The big circle of power circulation" is formed by functional complexes. Thus the traditional Concept of consecutive power circulation isn't correct.
5. Identification of system dependence testifies to necessity of the further studying of the revealed biophysical phenomenon.

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