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PSYCHOLOGICAL THEORY of TRANSCENDING CONSCIOUSNESS and EDUCATIONAL TECHNOLOGIES ON DIRECTION OF OUR OWN TRANSFORMATION

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Universe ability of selfcreation reveals itself in the universal essence of the nature to create itself. That's why selfcreation is selfcreation essence of any individual. This essence is realized as transcending that is continuous going out of an individual outside the limits of his actual abilities.

Only integral (dialogic) consciousness is able to transcend. Origination (generation, coming into being) of integral consciousness in ontogenesis is realized under the conditions of interaction of external socio-creative and internal psycho-creative fields. This interaction is based on the mechanism of "creative resonance". As a result of it there generates the transcending consciousness as a unity of two internal logic: a logic of functioning and a logic of transcending.

Modern geo-educational problem is a problem of selfreproducing type of consciousness, a problem of selfreproducing type of an individual.

Main idea of the strategy of the education reformation, from our point of view, lies in the fact, that education is direction of the process of the transformation of own consciousness.

From psychological point of view, such education is a process of direction of the transformation of forms of own consciousness. It means that there comes a time when it is necessary to dismiss the conception of innateness and genetic predetermination as well as generation as appropriation of cultural models (samples), in the favour of psychological theories on direction of own transformation.

Main psychological mechanism of such transformation of abilities is reflection origination (reflection synthesis). That is transformation of old form of consciousness into a new one at the expense of realization of logic of transformation - transcending.

PSYCHOLOGICAL THEORY of TRANSCENDING CONSCIOUSNESS and EDUCATIONAL TECHNOLOGIES ON DIRECTION OF OUR OWN TRANSFORMATION

a). PSYCHOLOGICAL THEORY of TRANSCENDING CONSCIOUSNESS

Inward essence of an individual is an individual form in which universe ability of selfcreation is realized. Universe ability of selfcreation reveals itself in the universal essence of the nature to selfcreation. That's why creation as selfcreation is selfcreation essence of any individual. Internal essence of an individual is realized as transcending, that is continuous going out of the individual outside the limits of his actual abilities.

Internal energetics of transcending which every individual possesses, can only be fully realized in specially organized external (social) conditions.

The most important condition is external socio-creative field. It is created by cultural and historical environment the basis of which is "external" logic of origination of the culture itself. The function of this external socio-creative field is to ensure conditions for the development of the motive for

transcending. The main characteristic of external socio-creative field is the quantity of tensivity vector of transcending. External socio-creative field, through "creative resonance" mechanism, makes more active internal psycho-creative field which is transformed into the structure of transcending consciousness which is generated on the basis of two internal logic:

- a logic of consciousness functioning

(logic of reproducing available forms of consciousness with constant essence);

- a logic of generating consciousness

(logic of origination of new forms and essence of consciousness).

Unity of these two internal logic constitutes internal dialogic basis of transcending consciousness. Owing to internal dialogic essence the consciousness gains the unique abilities: the ability to foresee the results and the ways of own transformation and the ability to transcend.

Mechanism of transcending is a reflection synthesis, that is the origination by the consciousness itself its own essence and forms at the account of origination of own logic of transcending. The essence of integral consciousness is determined by the degree of expressiveness of universal essence of transcending in the concrete forms of individual consciousness.

Ontogenesis of transcending consciousness is a origination of individual consciousness as individual form of selfcreation essence. Universe ability of selfcreation is realized as internal essence of individual consciousness. The degree of the perfection of individual consciousness is defined by the degree of ability of selfcreation expressed in it.

Internal system factor of transcending consciousness is the essence of transcending (genesis) as essence of its internal genesis structure. Specific peculiarity of transcending consciousness lies in the fact that its internal genesis structure expresses not so much the process of consciousness functioning as the process of generation (genesis) of consciousness. Genesis structure is principally new means of the analysis of consciousness which allows, for the first time, to make mechanisms of generation (genesis) of the structures of consciousness as a subject analysis but not the available functioning structures. Genetic model of the structure of transcending consciousness overcomes internal scantiness of the models of functioning structure of consciousness, because it models the processes and ways of their origination (genesis) but not structures of consciousness and the processes of their realization.

Transcending consciousness is "pulsing" internal polyform ("multilayer") space of integral consciousness. Internal structure of transcending consciousness is "rolled up" "external" structure of the history of origination of consciousness. Internal structure of transcending consciousness is "put into each other" "internal" forms (spaces) of consciousness where each form expresses to its own extent its universe ability of selfcreation. All forms of integral transcending consciousness are related by transcending essence: in real historical process - by "external" essence of transcending; and in internal genesis structure of developed consciousness - by "internal" essence of transcending.

That's why universal way of essence of integral consciousness is "internal pulsing" that is continuous situational (local) transcending, regeneration, situational reproduction of the process of own origination, which "is constantly unrolling" into internal genesis structure of consciousness and "is rolling up" to "pure state" of essence, "pure state" of transcending essence.

This internal essence - "pure" essence of transcending; transcending as such; transcending in "pure" state - composes internal essence of transcending consciousness. And its integral form is genesis structure of internal ideal spaces of the consciousness itself, which reproduces "external" logic of real historical process of own origination with the help of "internal" logic.

In real practice the degree of necessary perfectness of individual consciousness is given by the "external" vector of tensivity of transcending (gradient of complication of external social situation).

When a new problematic situation arises the integral consciousness IS NOT reproduced as a ready structure, BUT every time it is built again, it constantly reproduces its own process of origination

(its own transcending). So every time integral consciousness rebuilds itself, builds its own internal psychological surrounding; but at the same time it builds its external social surrounding. That's why transcending is internal essence of integral consciousness. Its internal genesis structure reproduces a logic of rising these structures but not a logic of the formed structures functioning; a logic of creation by an individual himself of his own consciousness and own social surroundings, that is a logic of genesis of transcending consciousness. Transcending is universe ability of selfcreation of the nature and at the same time the essence of an individual consciousness.

GENESIS FORMS OF TRANSCENDING CONSCIOUSNESS

INTUITIVE CONSCIOUSNESS (intuition of own transcending)

Internal space of consciousness is emotional space:

Space of an individual's emotions as quasi-ideal space of intuition.

"KNOWING" CONSCIOUSNESS (knowledge of own transcending)

Internal space of consciousness consists of 2 "put into each other" spaces:

- quasi-ideal space of an individual's emotions as a space of intuition;
- ideal space of contemplation.

"UNDERSTANDING" CONSCIOUSNESS (understanding of own transcending)

Internal space of consciousness consists of 3 spaces "put into each other":

- quasi-ideal space of an individual's emotions as a space of intuition;
- ideal space of contemplation;
- ideal space of symbolization.

REFLEXION CONSCIOUSNESS (reflexion origination of own transcending)

Internal space of consciousness consists of 4 spaces "put into each other":

- quasi-ideal space of an individual's emotions as a space of intuition;
- ideal space of contemplation;
- ideal space of symbolization;
- ideal space in which signs are generated.

Essential peculiarity of any internal genesis structure including genesis structure of consciousness is the fact that there is a qualitative distinction not only between genesis forms of integral consciousness as elements of its internal genesis structure but also between similar elements of genesis forms.

It means, in particular, that emotional spaces of being of consciousness in different genesis forms are differed in complication. That is the character of being of an individual as a genesis basis of the generation of transcending consciousness on different genesis stages - are differed in quality. One can say, that alongwith the logic of transcending of genesis forms of consciousness the same logic of transcending and its components of integral consciousness also take place.

To transform the consciousness is, at the first place, to transform the being of consciousness itself. Consciousness is able to transform its own being and so, through transformation of own being, to transform itself.

It means that, on the one hand, the definite genesis form of being of transcending generates appropriate definite genesis form of transcending consciousness; and, on the other hand, the definite genesis form of transcending consciousness, in its turn, generates appropriate definite genesis form of being of transcending. The logic of such generation (logic of intergeneration) is the logic of transcending.

In this connection there are four genesis forms of being, which give the beginning of four genesis forms of consciousness.

GENESIS FORMS OF BEING OF TRANSCENDING INDIVIDUAL

STATIC STATICS

Being of transcending is separate acts of transcending not connected with each other.

The only way of transcending on initiative level is emotionally perceived as acts of transcending of own states not connected with each other.

DYNAMICAL STATICS

Being of transcending is a single way of transcending.

The single way of transcending on initiative level is emotionally perceived as stable character of transformation of own states.

The single way of transcending on contemplation level is single knowledge about single character of own transcending.

STATIC DYNAMIC

Being of transcending is special way of transcending.

Special way of transcending on intuitive level is emotionally perceived as constantly changing character of transformation of own states;

special way of transcending on contemplation level is a single way (single knowledge) of special knowledge (concept) about special character of own transcending;

special way of transcending on symbolic level is special knowledge (concept) about special character of own transcending.

DYNAMICAL DYNAMICS

Being of transcending is universal way of transcending.

Universal way of transcending on intuitive level is emotionally perceived as transformation of the quality of own states;

universal special way of transcending on contemplation level is a single way (single knowledge) of universal knowledge (category) on universal character of own transcending;

universal way of transcending on symbolic level is special form (concept) of universal knowledge (category) on universal character of own transcending;

universal way of transcending on the level of signs is universal knowledge (category) on universal character of own transcending.

b). EDUCATIONAL TECHNOLOGIES ON DIRECTION OF OUR OWN TRANSFORMATION

All these approaches concluded that generated ability is selfreproducing ability and it can not transform itself. In this connection education has had to come to the problem of reproduction.

Main idea of the strategy of education reformation can, from our point of view, lay in the fact that education is the direction of transformation of own abilities including direction of transformation of own consciousness.

Mechanism of origination of consciousness is transcending. Psychology of transcending is psychology of directing the process of origination of own consciousness (of the process of creation of own consciousness).

From psychological point of view, such education is a process of direction of the transformation of forms of own consciousness. It means that it is timely to dismiss the conception

of innateness and genetic predetermination, as well as origination at the expense of appropriation of cultural models, in the favour of theories of direction of own origination.

Main psychological mechanism of such direction of origination of abilities is reflection generation (reflection synthesis). To say the transformation of old form of consciousness into a new one at the expense of reproduction of logic of selfcreation (logic of own transcending).

The possibility of such transformation is in genetically equal unity of external (socio-cultural) and internal (psychological) environments. This unity arises and further it is built on the basis of the main mechanism of "creative resonance", to say a mechanism of making more active (transfer of potential state into actual one) internal psychological field of consciousness at the expense of its interaction with external socio-cultural field. Such interaction gives rise to the transformation of internal "non-directed" tensivity of initial chaotic functioning psychical field into "directed" (vector) tensivity of transcending psycho-creative field.

This transformation of non-directed tensivity of internal psychological field into directed one is realized at the expense of "creative resonance" mechanism.

This transformation of internal non-directed field of functioning consciousness into internal psycho-creative (constantly directed to transcending) field of transcending consciousness at the expense of "creative resonance", that is sharp (noticeable) strengthening of direction of internal tensivity at the expense of combination of energetic external socio-creative and internal psycho-chaotic fields into one (united) creative field.

This combination turns them into integral transcending field. As a result of combination, the field, the tensivity of transcending of which is higher, occupies the domination position. That's why if on the initial stages of ontogenesis of individual consciousness the tensivity of external socio-creative field is much higher than tensivity of internal psycho-creative field then, later on, the situation can be formed so that internal part (internal psycho-creative field) begins to dominate in the one creative (transcending) field and because of it the internal psycho-creative field will define the whole field and its external (socio-creative) part as well.

So, our fundamental provision is the provision on unity and relativity of external and internal. This unity provides:

- first, possibility to accumulate individual transcending energetics in common external field (field of transcending culture). This external field becomes an accumulation of potential possibility of internal field;
- second, possibility of transcending the internal individual psycho-creative field as independent of external socio-creative field;
- third, possibility of domination of internal field over external field at the expense of its considerable strengthening during the process. So it is very important (taking into account primacy in the genesis process) that external and internal change their places.

External socio-creative field is created with the help of specially organized educational situations. It is built on the basis of two logics:

- external logic of generating (transcending) culture;
- internal logic of generating (transcending) consciousness.

Tensivity of external socio-creative field is formed by the gradient of complication of problematic educational-research situations.

Tensivity of internal psycho-creative field is internal gradient of the structure of individual consciousness (complicating the structure of individual consciousness).

Individual consciousness as transcending consciousness is consciousness which creates itself and which is able to independently go out beyond its actual limits.

The ability to go outside the actual limits, that is the ability to transcend, is in the centre of technologies on the direction of the transformation of own consciousness (direction of own transformation).

Initial position for the technologies on the direction of transformation of own consciousness is availability of external field of gradient of complication of educational research situations. And, exactly, at the expense of this complication there arises a necessity in transformation of own consciousness (internal field of the gradient of individual consciousness).

Lessons are to be conducted as lessons where students have to look for nonstandard solution to any educational research problems. Educational research problems are associated with the common logic of learning that's why the real subject of educational activity is not a search of decision of a concrete problem but the logic of complication of problems that is regularity, a method how to find a solution to any problem.

While learning this method of finding solution to any problem, as a universal knowledge, a student learns the logic of transcending of own consciousness as universal way of originating (generation) the forms of his own consciousness. That's why the result of such education is not the knowledge as such, but the ability to generate new knowledge at the expense of appropriate transformation of own consciousness.

Conception "gradient of complication" is a key concept for the technologies on direction of transformation of own consciousness. Complication of educational research problem is determined by its psychological complication, to say complication (development level) of inward structure of consciousness necessary to solve it, and by the level of developed (formed) ability of consciousness to transcend.

That's why logic of educational process is logic of complicating educational research problems, which sets the logic of transcending of the individual consciousness itself. So psychological complication is the complication of means (perceptive figures, symbols, signs) of human activity.

From this point of view there are four levels of complication of educational research problems and, accordingly, four degrees of the perfectness of individual consciousness.

FIRST

Educational research problems of the first complication level do not demand the creation of additional space (independent space of consciousness). All the decisions of educational research problems of the first complication level are in the real space of problematic situations and do not need special space of consciousness for their decision.

SECOND

Educational research problems of the second complication level demand for their decision the creation of additional space of consciousness - space of contemplation (perceptive-figurative space). All the decisions of educational research problems of the second complication level are in this space of contemplation. They can not be found in the real space.

THIRD

Educational research problems of the third complication level demand the creation of two additional spaces of consciousness: space of contemplation and symbolic space. All the decisions of educational problems of the third complication level are in the symbolic space and perceptive-figurative space is auxiliary.

FORTH

Educational research problems of the forth complication level demand the creation of three additional spaces of consciousness: space of contemplation, symbolic space and space of signs. All the decisions of educational problems of the forth complication level are in space of signs and perceptive-figurative and symbolic spaces are auxiliary ones.

The main result of the education, taking into account educational technologies on direction of transformation of own consciousness is not much as having knowledge, abilities and skills (that is, undoubtedly, necessary in accordance with educational standard) but the ability to solve non-standard problems at the expense of transfer to the new qualitative level of own consciousness.

Large lasting experience of experimental education on the basis of educational technology on the direction of transformation of own consciousness gives grounds to be sure that such strategy of reformation of the education is perspective.