LOGIC, PSYCHOLOGY, THE LANGUAGE AND EDUCATION IN STEFAN'S ODOBLEJA CONCEPTION

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Abstract

A nation must never forget about heroes or scholars. Lately, it seems, we kinda did. The present study aims to revive the memory of the great scientist contemporaries' conception of logic, psychology, language and education, as many of his ideas are found in one form or another, covering several areas of science. By his paper La psychologie consonantiste, published in the years 1938-1939 in French Lugoj and broadcast by Maloine Librairie in Paris, translated into Romanian in 1982 and published by the Scientific and Encyclopedic Stephen Odobleja becomes one of the most influential creator science in the twentieth century, cybernetics, as his work has appeared ten years before Norbert Wiener's cybernetics.

Stefan Odobleja gives a comprehensive summary of the sciences, and research by establishing comprehensive and universal laws of all structures available for most sciences. The eight universal law consonances with the law and the law of reversibility, combined, achieved the largest integration of sciences. Odobleja apply these laws in psychology, medicine, biology, social sciences, economics, politics, pedagogy, technique. The Romanian scientist is to integrate science, similar to Einstein's physics system.

Combining in cybernetic its original interpretations of psychology, biology, anthropology and other humanities applications, Romanian scientist has built a system that shows how the world is unified by a meta underlying diversity. He redefines the mental reality and presents new truths about how nature operates and spirit, joined together in a single biosphere, essential for our continued existence.

Keywords: *consonance, cybernetics, geometric modeling, language inside energetic language, meta structure, geometric logic.*

If Stephen Odobleja had lived certainly we would be concerned not only on mathematical psychology and epistemology creation, but also on the psychology and logic thinking, a completely different perspective. This is because, really, long discussions with the isolated and sad scientist as I knew him through the years 1973-1978, when he wrote geometric logic, or so he told me, has engraved in my mind three ideas fulminating:

We should not seek, as Wittgenstein, total truth valid for all worlds, but only those around us, who is of vital interest to us. Then from the products fixed

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grammatical patterns of thinking, then and mathematical thinking we can restore alive, concrete, dynamic and active thinking. From Aristotle, starting to hunt thinking, most ,,found themselves pursuing other shadows and became entangled in the complexities of verbal quagmire" (Introduction to Logic resonance Scrisul Românesc Publishing, Craiova, 1984, p. 37).

Finally, the logic seems to be disoriented in that thread they cannot be found either in algebra or grammar, metaphysics, cosmology ... but no thought in psychology was sought. And another thing, it instilled the idea that logic is the core psychology ,,axis around which revolves the whole science of the soul" (p. 41), and she opens the door to the mysteries of psychology. Moreover, Stefan Odobleja tries to present a definition of logic in mathematics and geometry. ,,Logic is a knowledge mathematized psychology, mathematics transposition thinking ... thinking in mathematical formulas - analyzing and thinking mind after Directive and mathematical models". She is ,,depicted psychology, geometrical, transposed figures analog schematic ... psychology Geometrizes increasingly more turning into logical or mental geometry" (p. 48).

In essence, however, said Odobleja definition by thinking logic (logic is the science ,, and suicidal ideas ... the genesis of ideas and intimate mechanism of thought ", p. 46) remains the most universally accepted.

We wanted to pay homage by these thoughts, on this occasion, meeting with Stephen Odobleja for psychology was, in fact, life. He kept telling all sciences are the creative expression of human thought, whose foundation could only be achieved on the basis of psychological, psychology, in turn, being reformulated as a science methodology based on a logical analysis.

Only human thinking, asserted the scientist, and he is essentially creative thinking creativity analysis of logical and psychological perspective. In his conception, genetic modeling concepts and laws is a general methodological operation, and defining them is logical. For him, an undefined concept is a simple word without meaning.

Academician Alexandru Surdu been highlighted in the Preface of *Introduction* to Logic resonance,, Briefly, logical analysis of psychology consists of geometric modeling concepts in defining and classifying them and determining logical relations between them "(p. 11).

Stephen Odobleja was born on October 22 1902 in the village of Izvorul Anestilor, Mehedinti County. He studied at Turnu - Severin and then at Bucharest, Faculty of Medicine, becoming a military doctor. During the service he worked in garrisons: Braila, Turnu-Severin, Lugoj, Dorohoi, Turda, Targoviste, Cernavoda, Bucharest and Dej. During the Second World War he worked as a regimental surgeon and chief ambulance. After the war he was retired. He died in 1978.

La psychologie consonantiste to the work of Dr. Stephen Odobleja was printed in Lugoj in 1938 and then disseminated to the bookstore Paris "Maloine". This paper appeared in French and has been translated into Romanian also

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published in 1982. Odobleja in 1935, the Parisian publishing house G. Doin, the work "La phonoscopie" award-winning " Doctor Alexander Papiu general." in this work were synthesized and reversibility consistent principles underlying the general cybernetics.

It can be said that Stephen Odobleja is the creator of one of the most influential world of the twentieth century science, cybernetics, as his "Psychology consonantiste" appeared 10 years before "Cybernetics" of N. Wiener.

Odobleja gives a comprehensive summary of the sciences, and research by establishing comprehensive and universal laws of all structures available for most sciences. He is the creator of general cybernetics which has integrated eight universal laws, while Norbert Wiener, author of "Cybernetics" published in 1948, is the creator of a cyber particular, where the original is the information theory. The 8 universal laws together law consonance and the law of reversibility, taken together, represented the most extensive integration of sciences. Odobleja apply these laws in psychology, medicine, biology, social sciences, economics, politics, pedagogy, technique. The Romanian scientist is to integrate science, similar to Einstein's physics system.

Open new science, creator of general Cybernetics Odobleja was first perceived generality of reversible loop (feed-back) as a general law, mechanisms and processes governing both natural and artificial.

Odobleja developed a new understanding of psychology, treating it as a science that integrates all disciplines and technical human universe. Odobleja's pioneering psychology targeting systems, including, in the odoblejiene spirit work, all activities, limits human capabilities in the areas of science, technology, economy, politics and society in general.

Combining its original interpretations of cyber psychology, biology, anthropology and other humanities applications, Romanian scientist has built a system that shows how the world is unified by a meta-structure that underlies the diversity. He redefines the mental reality and presents new truths about how nature operates and spirit, joined together in a single biosphere, essential for our continued existence.

Odobleja admirably understood the idea of not only the system but the concept of a hierarchy of systems, starting with the more general or subtle and ending with the most basic and most accurate, the society and to the human-machine system.

In *Consonantiste Psychology* Stephen Odobleja tries to conclude a relation between language and thought. Thus, the language is externalized conception of thinking, a "translation reactive thinking", "a complex symbolic reflexes." Thinking is "all psychic interior phenomena." It is the film psychologically: the appropriation of mental processes, stream of consciousness, the ideas flow experience inner psychological processes considered synthetic or in sequence chronological, sequence and intertwining of mental processes. To think, said Odobleja it means practicing intellectual operations.

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Stephen Odobleja sees no pure thinking and she is always in pictures. Thought moves or representative is the most primitive, the most natural, easiest, and most formal. Sight is the sense par excellence of thought and sense of hearing is only inter-communication and music. There is no word pure thought, or, when it reached this state of purity, she is not thinking "is verbalism, verbose pure and real."

Romanian scientist actually distinguishes two conceptions of thought. The first concept is realistic, the only admissible in science, that the sequence of psychological self is automatically being determined by universal causality, pushed by the common causes of the universe. A second concept, appointed by the Odobleja "conception anthropomorphic to animism" teaches us that the succession of mental processes is determined not by causes, but of purposes, not within but from outside, "drawn some being, mysterious and invisible soul".

Language is, in his view, a reception and acquisition tool:

- Fixation and conservation tool;
- Making tool (reminds us of our thinking)
- Instrument of reaction and expression (to communicate our ideas allow us).

He distinguishes an inner language (mentally, implicit, internal thought) and one outside (spoken, articulate explicit); Energy language (voices, sounds, signs) and one material (writing, drawing, photography, film etc.); a visual language, visual (gestures, mimicry, algebraic signs, telegraph), an acoustic language (shouting, acoustic signals sound, drums, bells) and a language of touch, smell, taste. Then there are natural languages and conventional languages; sign-language with language - suggestion.

Stephen Odobleja examines the issue of language in terms of its laws and found the following:

- Law equivalence: the richness of language is proportional to wealth thinking. Both the intensity, clarity and precision and force are directly proportional to the language of thought; speed, too. It found the language active and lively peoples is composed of monosyllabic words; language expresses the temperament and character of the people concerned;
- The law of compensation: suggestive value of a word is inversely proportional to accuracy; a word that evokes as many images is imprecise; impromptu speech thinking loses strength, because he has thought and spoken simultaneously; mind reading is the most effective;
- Reaction Law (reaction against the neologism);
- Alternation Law between neologisms and archaisms;
- Reversibility Law (image evokes the spoken word, the spoken word evokes the image); new ideas involving new words and vice versa; any sentence is reversed;
- Consonance Law : each rule change to a word tends to generalize to other (this differs from languages phonetically).To the praise of science and philosophy Romanian Stefan Odobleja is that inland thinking cyber reached

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transforming force large-scale identification of computers and artificial intelligence for the benefit of human being. Stephen Odobleja cyber analogy serves the cause of interdisciplinary exchanges.

Odobleja is the creator of polarization of all sciences, including cybernetics, leaning on consonantisă psychology, he authored interdisciplinary paradigm that provides human thought, associated with computers, unsuspected possibilities of technology and science advance to other levels of knowledge for the benefit of society.Our century was concerned about the need for reunification of knowledge by creating trans studies - multi - disciplinary, for accurate classification of all sciences. But formulating criteria and laws governing them, including their harmonization in a consonant is not given to everyone to achieve. Many have begun, others have glimpsed it, but few have done it. One who felt the call and had the interior light of the mind - after so relevant expression of Axel Munthe in The Story of San Michele - was Stephen Odobleja.

Moreover, the Romanian scientist perceived cyber unity culture forms showed that when creative imagination plays an important role in science and in art, poetry, painting.

Founder of generalized cybernetics, on the highest peaks of knowledge, captured brilliantly, has beauty and incomparable nobility to recognize, whenever he had the opportunity, that: "The role of the true teacher is simply to create a passion for you educate, shape you, to instruct you and to channel this passion ... for the rest, the student must go alone, on its own feet ... each teacher's ambition should be to create assiduous readers, passionate, involved ".

After many extraordinarily simple can be seen, Stephen Odobleja with dozens and dozens of years before modern optics on the instructive - educational, prioritized, justly and firmly, formative aspect, the expense side informative education. With this in mind fundamental, it stems from a genuine cult scientist Stephen Odobleja library and reading Reading: "We must learn using the rediscovery. Learn everything by several authors: to look at each problem as many books. To use creative games, brain teasers. To get used to contemplation and meditation. "

It can be considered works of Stephen Odobleja as fundamental to the architecture of science, or a milestone for the ideas of the third millennium, releasing a cosmic force, thought to synthetic combines original cyber his interpretations of psychology, biology, anthropology and other applications humanities. He presents new truths about how nature operates spirit and redefining mental reality. Odobleja built a system that is essential to our existence perpetual fund, a meta-structure that underlies the diversity, showing how the world is unified on by an original position, the mysterious energy of life.

Perhaps the main merit of Odobleja is to be found the fundamental structure connecting man and nature. He is the creator of centering all sciences, including cybernetics, the psychology consonantiste and also the author of an interdisciplinary paradigm that can be raised foundations of all sciences.

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Dr. Stephen Odobleja work with numerous scientific papers left in manuscript form at present object of study for many specialists in the country and abroad.

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