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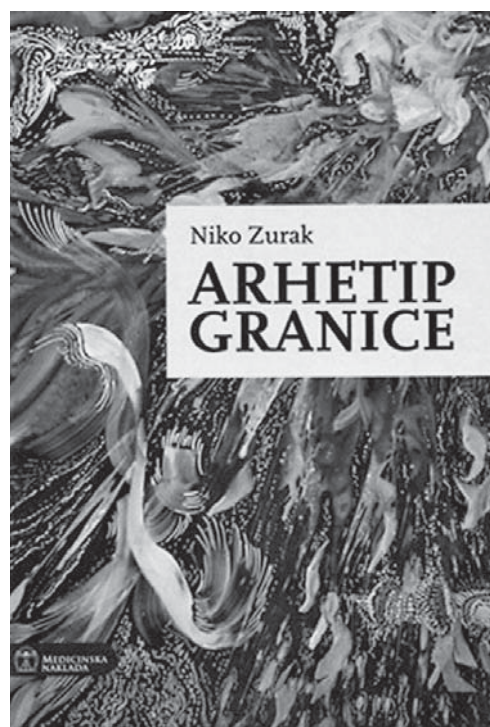
ARHETIP GRANICE (BORDER ARCHETYPE)

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The book *Arhetip granice (Border Archetype)* is an innovative scientific work divided into two parts. The first part, *Border archetype*, entitled as the whole book, consists of two chapters and is composed of several ideologically connected thematic units – the author explains the archetypic concept of Carl Gustav Jung, subsequently thematic unit of mathematical archetypes of numbers and geometry, mathematical platonism is discussed, and a significant part of the text is dedicated to gestalt psychology, in the spirit of which the author discusses illusory contours. The thematic unit *Hypothesis of border archetype with Discussion* is the central part of the first part of the book and of the whole book, in which the author explains the authentic idea that the border archetype is a basic archetype, proto-archetype from which all other archetypes are differentiated. The second part of the book entitled *Neurophysiology of holism* consists of four chapters. The majority of this part is dedicated to the neurophysiology of visual perception. The author also uses holistic approach in analyzing language and speech functions, and one shorter, very interesting part is dedicated to music as a universal language.

This book represents an authentic scientific work with great contribution to the development of science, which cannot be compared with other works dedicated to the same or related subject because such works, with holistic approach to the mentioned issues, according to our knowledge, have not been published so far. In this book, references from a number of scientific disciplines are cited and critically analyzed. The approach to the importance of the subject discussed in this work is very appropriate. This interdisciplinary scientific work is intended for the broad academic society, i.e. physicians, especially neurologists, neurophysiologists, psychiatrists and neuro-ophthalmologists.

The leading thought of this original scientific work is that it is possible to find explanation for the collectiveness of the perception, language, speech functions and cognition in the holistic approach to the understand-



ing of the complexity of the human brain, by extension of the archetypic concept of Carl Gustav Jung using the idea of the border proto-archetype. From the border archetype all other archetypes are differentiated, whether they are mathematical, biological, psychological or sociological. In the potential of differentiating capacity of the border archetype there are hidden possibilities of the evolution of all areas of natural and humanistic sciences, social relations, and art (painting, music, theater, film).

Simple, elegant proof of the genesis of the border archetypic picture in the unconscious part of visual perceptualization is the original scientific discovery, which has escaped the attention of neuroscientists from the field of vision neurophysiology.

Connecting his idea of border archetype with unusual attractors and fractal geometry of the chaos theory, the author affirms nonlinear dynamics as *modus operandi* of the functioning of the human brain. The hypothesis of the border archetype is very encouraging for the explanation of the genesis of some psychopathological entities and psychopathological phenomena, especially hallucinations.

Numerous color illustrations that facilitate understanding of some more complicated parts of the text, as well as a rich glossary of medical and philosophical terms contribute to the quality of this scientific work.

Except for the specialized societies of neurologists, neurophysiologists, neuro-ophthalmologists, psychiatrists and psychologists, we are sure that this book will find readers in a wider academic society, especially among intellectuals who follow one of the most intriguing areas of the general intellectual interest nowadays, the "mind-body problem".

S. Hajnšek
Ž. Petelin Gadže