

An Informational Systemic Approach in Anthropology with Application to the Sports Coaching (Abstract)

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The paper proposes an interdisciplinary approach based on some previous, conceptual work of the authors. The system theory concepts and formalism, used and adapted for information manipulation, is used into an attempt of modeling the human psyche and soma in interaction with the environment¹. Several information sources, sinks and channel are taken into account in order to create the model of a "transfer function" of the human unconscious autonomous behavior. The fertility of the information paradigm vs. signal paradigm in the endeavor of controlling and modeling information processing autonomous, dynamic and adaptive system is emphasized. The inherent unmanageable complexity of information flow involved in the human psyche and soma interaction with the environment is proposed to be controlled through the "qualitative determinism" concept already introduced by others in connection with irreversible chaotic, phenomena formalism. The original concept of "informational prothesis"² is proposed to be used and enhanced through the information anthropology paradigm in sports performance enhancement, psychological preparation and neuro-motric recuperation.

¹) VALEANU, Vlad, A Sketch of Informational Anthropology, CALIGRAF Editing House, Bucharest, under publishing process

²) de HILLERIN, Pierre Joseph, The Enhancement of the Efficiency of the Motion Act Learning Using Technical-Informational Prothesis, PhD Thesis, A.N.E.F.S., Bucharest, 1999.