

# PSYCHOPHYSIOLOGICAL PARADIGM LEARNING INTEGRITY OF THE INDIVIDUAL: INTEGRATIVE APPROACH

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It is described the research area in modern psychophysiology and in related sciences which study the biological basis of individual differences of the individual. The application of complex neuro- and psycho-physiological approach to studying the whole personality is discussed. It is listed the various types of physiological arousal as a psychophysiological construct most adequately suited for studying the biological bases of personality. The advantages and disadvantages of using psychophysiological measurements are considered. Methodical techniques which are necessary for multi-psycho-physiological studying personality are given. It is justified, as the result, the becoming of a new trend, which manifests itself at the intersection of neuroscience and psychophysiology and unifying paradigm for psychophysiological study and phenomenology of personality – Personality neuroscience.

**Keywords:** psychophysiology, neurosciences, psychology of the person, the personality, arousal, personality neuroscience.

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An individual educational trajectory is determined by the nature of the method of training activity [7]. The concept of an individual educational trajectory came to pedagogy from physics; this trajectory is implemented in the educational environment in the content, activity and procedural aspects. In the available literature, conditions and resources for implementing an individual educational trajectory for different groups of students are highlighted [8, 9]. There are examples of design of an individual educational trajectory based on a type of personal orientation in accordance with the lead