

101.1.001.76

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### **The role of synergetic in the pedagogic research sphere**

The role and tasks of education as an important factor of formation of new quality of Ukrainian society at the beginning of the new era are discussed in the article. The author sees the need of theoretical philosophical foundation of modern methodology of education and of inclusion of synergetic into education in the status of new paradigm of XXI century education meeting the demand of society for specialists of new level to be the main tasks of research.

The modern transformation of pedagogic from classical to nonlinear and the possibility of effective application of synergetic principles for solution of pedagogical problems are discussed.

On such the basis the new solution of correlation between fundamental and professional knowledge, changes in structure of knowledge to be taught and methods of teaching is proposed in accordance with principles of non-linear thinking. As well the new model of personality is described as innovative person aimed to form individual researching position.

**Keywords:** synergetics, non-linear thinking, education, pedagogics.

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