

GENERALIZATION AND SYSTEMATIZATION OF KNOWLEDGE OF STUDENTS IN PHYSICS

¹Kakhor Shonazarovich Tursunov & ¹Aktam Xusenovich Raximov

¹Candidate of Pedagogical Sciences, Associate Professor, Department of Physics, Karshi Engineering and Economics Institute, UZBEKISTAN

ABSTRACT

In the article, the use of systematization not only organizes a person's knowledge about objects of knowledge, but also serves as a source of new knowledge. The selection of training material is based on the system: a number of phenomena are studied that are interconnected, and at the same time, taking into account the principle of "from simple to complex". In each section, educational information is systematized around core concepts.

Keywords: Principle, systematization, analysis and synthesis, comparison and classification, scientific facts, concepts, laws, theories, physical quantities, physical picture of the world, information, generalizations, body, substance, field, interaction, energy.