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ENVIRONMENT OF KNOWLEDGE MAPS' CREATION

The aim is to reveal the nature and applicability of knowledge maps as a mean of students cognitive activity improvement while educational process. Knowledge map is a good way of existing knowledge sharing and implicit knowledge visualization with different levels of detail. S. Bechterev conceives this concept in such a manner. He calls the knowledge map as "Mind- management [1].

Knowledge Maps - are diagrams, schemes, which contain different ideas, aims, thesis, which are united by central idea. The main tasks such as knowledge accumulation, transformation and transmission are solved comprehensively [2].

Possible application areas are: education, lectures abstracting, training material preparation , creative problems solving, brainstorming, presentation, planning and various complexity projects development, communication, intellectual abilities development, ets.

In fact, this " mapping " approach is a unique opportunity of maximum conditions maintenance of knowledge storage and development. This technology has already being used for students teaching and can also be successfully used for pupils teaching [3]. It is believed that knowledge map as a visualization method was firstly applied by philosopher Porphyrii Tirosskii in the third century of AD, trying to understand Aristotle's concepts. Serious modern development in knowledge mapping was made in 1960's and has been associated with the development of the theory of semantic networks concerning with the study of human thinking while learning process.

Literature:

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