Название публикации:

P-sustainability of a system. Algebraic formalization of sustainability concept. Sustainability of ranking systems in education

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Аннотация:

The question of the reliability of the obtained results is of great value for any theory. This is especially important when it comes to risk-free application of the theoretical results in practice. The reliability is especially significant for the humanities relating to the development and functioning of human society, such as pedagogy, the general theory of education, e-learning, economics, finance and so on as their distinctive features are the following: impossibility of repetition the experiment and frequently to perform the only experiment with sufficient accuracy, since there is always the human factor,the difficulty of collecting reliable and comparable statistical data in connection with the lack of standardized procedures. In this chapter we continue to study smart systems, and in particular, the concept of smart—university in the context of theoretical justification of the results based on the algebraic formalization of the smart systems. The practice result of this investigation is the evaluation of sustainability of ranking universities systems.

Ключевые слова:

Ranking systems, Smart education, Sustainability, Algebra, Reliability theory, General theory, Human society, Ranking system, Risk free, Smart System, Standardized procedure, Statistical datas, Sustainable development