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Matrix classification of information environment algorithms application in the educational process

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Abstract

© 2016 by iSER, International Society of Educational Research. From the point of view of information environment variable algorithms used in the educational process, it is now required to identify the priorities of the information environment innovation development from the position of the regulation level of performed actions automation and consideration of the most significant levels of automation accepted in the chosen profession. The article gives the examples of information environment application in the educational process, demonstrating the work with the training material of innovative character. Typological basics of information environment variable algorithms application by the subjects of the educational system allow to define the variable algorithms of information environment from the position of the most significant levels of automation taken in the planning, implementation and deployment of the innovative projects in the chosen professional field. Two-dimensional matrix classification allows to specify the characteristics of each type of algorithms, based on the use of information technology in education, as well as planning, implementation and introduction of innovative projects, useful for modern society, science, industry and education.

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Keywords

Educational activity, Electronic educational resources, Information environment, System of vocational education, Vocational school