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Cooperative research projects of master's students (education programs) in the open informational educational environment

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Abstract

© Authors. Relevance of the research problem stems from the need to meet the challenges of personal growth of each participant of the educational process, a productive exchange of information and personalized contribution to the overall result of the conducted educational research. The aim of this paper is to improve joint training activities as the basis for future studies of masters that will be implemented in an open information and education space. The key approach to the study of the problems of the joint educational researches relies on the conceptual ideas of experiments conducting in joint environment in which access to individual and shared data in an open information education environment is restricted. Theoretical and technological tools were developed for working with factorial data of collaborative research in open educational environment. As a result these conceptual ideas were formulated for joint training of master's studies: the stages to improve joint research activities were grounded, the technology of forming joint bank of comparable research materials was created, the system of algorithms for collaborative (joint) working with experimental data was proposed, the strategy ensuring the adequacy of the joint pilot materials for attaining general and private purposes was worked out. This strategy also should be applied to the value and usefulness of collected data. The collected, studied, processed and presented in the paper unique experimental material can be useful both for solving current individual research tasks of undergraduates and for the development of new roles in research.

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Keywords

cooperative research projects, Masters' programs, open educational informational environment

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