Experience of Using Virtual Laboratory Assignments in Physics

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Abstract: The possibility of increasing the efficiency of the educational process through the introduction of information technologies is considered. Methodological aspects of the creation and use of virtual laboratory assignments intended for organizing independent study by students of various sections of physics are discussed. The experience of their use in university is presented. Screen forms of some virtual laboratory assignments for conducting online experiments, allowing full-time students, part-time students and remote students to prepare for their fulfillment are shown.