

PROBLEMS AND SOLUTIONS OF THE METHODOLOGY FOR TEACHING PHYSICS AT A TECHNICAL HIGHER EDUCATION INSTITUTION

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ABSTRACT

This work discusses the problems of using virtual laboratory work in higher education in independent education. Problems in the use of Virtual and real laboratory work have been compared. The problems of using a Virtual laboratory as an independent work in self-education have been solved methodically. During the development of Science and technology, the rules of independent self-education of students, which are important for universities in the directions of technical education, were analyzed, disadvantages were outlined and proposals were developed. Physics lessons reflect on the use of Information Communication Technologies, their role and role.

Keywords: Virtual laboratory, real laboratory, independent work, self-education, educational success, efficiency, ability, engineering.