

Summary

In the thesis the student 6 courses, group OF-41s, FMF, KPI

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on "Application of IT while preparing students to pass the EIE in physics (at the example of theme: " Oscillations and waves ")"

Relevance: In order to increase the efficiency of preparing students to pass the testing is important to use the latest information technology.

Problem: previous years have shown that the use of information technology significantly improves the educational process. Applicants still spend more time with computers, that's why online learning system Moodle in preparation for testing in physics will really have good results in comparing with other approaches to learning.

Solutions to the problem: to make the training most comfortable, we had compiled an electronic compendium, which includes a short theoretical information, examples of solving basic types of tasks, tasks for self-study options and tests with tables replies.

Results and Conclusion: comes from the goal of diploma project, methodological material has been developed which is directed to improve the level of self-preparing of secondary school graduates to pass the EIE successfully.