

## Summary

In scientific research practice student 6 courses, group OF-51s, FMF,  
NTUU KPI them. Sikorsky

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**On the theme: «The use of IT during practical lessons in physics (for example, themes “ Thermodynamics”»**

*Relevance:* The use of IT is designed to enrich and expand direct experience students develop observation, knowledge of the specific properties of objects during practice, creating the conditions for transition to abstract thinking, support for self-study and systematization of educational material that is relevant during the study of physics.

*Problem revisous :*experiments have shown that innovative technologies not used when submitting material that can contribute to more efficient studying physics course in high schools. Improving the quality of education through the use of IT can bring to students for academic couple larger amount of information that is practically difficult to display on the board.

*Solutions to the problem:* Us was compiled supporting e-compendium that includes a brief but meaningful information on each topic and visual illustrations (pictures, diagrams, animations, videos). Individuals have: problems for processing and control of the typical problem (with solution) prepared recommendations for solving problems.

*Results and conclusions:* Developed a set of methodological software for improving the efficiency of the workshops of thermodynamics course for junior students.