Developing Cognitive Skills of Students at Lectures on Physics through Modern Online Resources

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Abstract: The article describes a set of technologies aimed at the development of cognitive skills of students in the process of studying physics at the university through modern online resources. The complex of technologies includes student reports, lectures, error detection at lectures, online testing at lectures, online modeling at lectures, additional post-lecture tasks. The author's version of the implementation of the described complex of technologies in lectures on physics at a technical university is presented. The implementation of the presented set of technologies based on modern online resources (Google services, virtual physical laboratories, the capabilities of the mentimeter.com website, etc.) is specified.

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