

# SLIDE SHOW IN LEARNING PROCESS OF MATHEMATICS IN HIGH SCHOOL

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In 8th international conference of Teaching mathematics: retrospective and perspectives, Rīga, 2007, we have at first discussed about slide show in learning process ([1], [2]). During the past years we have perform new observations and conclusions.

In mathematical sciences, the following points are absolutely essential in achieving the required high quality of learning experience [3]:

- 1) uncompromising emphasis on rigorous treatment of mathematical concepts, ideas and methods.
- 2) systematic penetration of mathematical and statistical education with practical real world problem solving.

Learning is development through experience, practice and insight. This active process is self-initiated and self motivated. But more and more knowledge is required from students. How to intensify the contents of the lectures? One of the possibilities is to use slide shows during the lectures. There are more serious reasons to embark on this way: young generations are exposed to the magic and power of computers from the crib and through the computer games children acquire strongly positive attitude towards technology and computers.

The main idea of the talk is to identify the reasons of the necessity for using slide shows in the learning process of Mathematics. The positive and negative aspects of using slides have been examined.

## References

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3. Nosal M. (1995) Computer assisted learning and multimedija in mathematics and statistics. In *Proceedings of ED-MEDIA95* (pp.506-510), World Conference on Educational Multimedia and Hypermedia, June 18-21, Graz, Austria.