

# **PHENOMENOLOGICAL MODEL OF MASTERING EDUCATIONAL MATERIAL WITH REGARD TO THE FACTOR OF MOTIVATION**

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The paper presents the results of the developed of a mathematical model of educational material mastering. The model is based on continuous monitoring of the development of students' academic abilities and on the proper correction of the academic process by certain components of the process which were structured in advance. The model is a system of ordinary differential equations of the twelfth order written with reference to assimilation functions and the so – colled motivation constituents of educational information.