

Student-centered model for teaching numerical methods course

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Abstract: The quality of modern education is strongly influenced by students' personal motivation. Long scientific and educational experience confirms that the success of students depends on various factors mainly related to their personal ambitions and preferences. The purpose of this work is to prove applicability of student-centered model for teaching "Numerical methods" course that weakens students' personal and psychological barriers to conscious material learning and contributes to their computational thinking development.

Keywords: student-centered model, computational thinking, "Numerical methods" course

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