

PROFESSIONALLY-ORIENTED TASKS IN TEACHING MATHEMATICS USING VISUAL MODELING TECHNOLOGY

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ABSTRACT

Our analysis of the state educational requirements of a graduate in the specialty allows us to determine the main purpose of studying at a university: the formation of highly qualified specialists in the engineering field who have fundamental theoretical training and are able to apply the acquired knowledge to creatively solve practical problems. Based on the selected selection criteria, a set of professionally oriented problems in mathematics has been developed that contribute to the growth of motivation and professional competence of students of engineering specialties of technical universities.

Keywords: Professional, orientation, mathematical, preparation, engineering, specialties, creterias.