

SOME ASPECTS OF FUNDAMENTAL MATHEMATICAL INSTRUCTION FOR STUDENTS

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Abstract: *The paper presents the authors' standing point about the role and place of the fundamental mathematical knowledge in modern society. A three-dimensional model allows reconsidering traditional educational approaches with respect to the new ICT opportunities. The conclusions are that the usage of program packages provides additional opportunities but cannot substitute the fundamental knowledge.*

Keywords: *fundamental mathematical knowledge, three-dimensional educational model, program packages.*