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WAYS OF FORMATION OF THE PROFESSIONAL SKILLS OF UNDERGRADUATE MATHEMATICIANS

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ABSTRACT

In addition to the educational goals of teaching mathematics, its developmental and pedagogical goals are realized through problem-solving in practical classes. Problems, the formation of knowledge, skills and competencies of bachelor-mathematicians are used as the main tool in teaching mathematics. It should be noted that the issues aimed at the formation of rules and algorithms in students play an important role in the formation of skills and abilities of applied mathematics. In the process of solving such problems, students develop skills and abilities to calculate, to change the exact form of algebraic and transcendental expressions, to solve equations and inequalities and their systems.

KEYWORDS: *Practical Lessons, Educational, Developing, Educative, Knowledge, Skill, Qualification, Rule, Algorithm, Algebraic, Transcendental, Exact Substitution, Equation, Inequality, Mathematical Activity, Learning, Methodical Skill.*

REFERENCES

1. Alixonov S. (1992) *Methods of teaching mathematics*. -Tashkent: Teacher. – p. 200. (Alikhonov S. Mathematics teaching methodology. -Tashkent: Teacher. -1992. -200 бет.)
2. Achilov M. (1979) *Moral formation of the future teacher*. - Toshkent: Teacher. – p. 328.
3. Ahadova M. (1983) *Famous Central Asian scientists and their mathematical works (VIII-XV centuries)*. – Tashkent: Teacher. – p. 216.
4. Bevz G.P. (1974) *On the methodological training of future mathematics teachers*. Mathematics at school. – Moscow. Number 3. – pp. 62-63.

5. Vakhovsky E.B., Rybkin A.A. (1971) *Tasks in elementary mathematics*. Edit. 2nd. – Moscow: Science. – p. 360.
6. Korolev F.F. (1979) A systematic approach and the possibilities of its application in pedagogical research. *Sovietpedagogy*, - Moscow: № 9. – pp. 103-115.
7. Kolyagin Yu.M., Lukankin G.L., Lmakrushin B. et al. *Methodology; teaching mathematics in high school: Private methods: Textbook for physics and mathematics*. – Moscow: Enlightenment. – p. 479.
8. Talyzina N.F. (1975) *Management of the processes of assimilation of knowledge*. – Moscow: Moscow State University named after M.V. Lomonosov. – p. 343.
9. Tolaganov T., Normatov A. (1989) *Practicum on solving problems in mathematics*. – Tashkent: Teacher. – p. 256.
10. Tolaganov T.R. (1990) *Professional orientation of the mathematical training of future teachers*. Abstract doctoral. Diss. – Tashkent: - p. 38.
11. Shchukina G.I. (1979) *Activation and learning activity of students in the educational process*. – Moscow: Enlightenment. – p. 160.