

to receive scientific degrees. As it is impossible to garble level of readiness of students in subjects of each separately taken teacher, scientific activity of already concrete teacher will be in direct dependence on indicators (not simply progress which can be manipulated) activity of students in scientific activity.

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POLITICAL SOCIALIZATION IN THE HIGHER MEDICAL EDUCATION

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The central concept of our researches is political socialization which is understood as a way of the person to finding civil outlook, comparison of the system of values to the certain vision of the state interest, influence on such identification of purposeful factors. Political socialization in high school as the party of a vital way of the developing person is space of a meeting (interaction, connection) official pedagogics (educational system), a policy (political traditions), concrete conditions of the biography of the separate person or the whole generation. Studying of so multi-plane subject as political socialization various generations, first of all, youth, demands the interdisciplinary approach. It presumes to answer the following basic questions: conducting approaches to of political socialization in a history and the modernity in various scientific directions; Historical experience of interaction of pedagogics, medicine and authority in practice of political socialization representatives of various ethnoses, faiths, regions, generations, floors in conditions of educational system of the higher school; optimum ways of studying political of socialization in a modern, polycultural society and development of recommendations on its perfection, including through interaction of pedagogical system of the higher school with the government.

The answer to the first item gives a panorama of various approaches to a problem, necessary for its three-dimensional consideration owing to integrated approach of an object of research. The answer to the second item can give representation about historical dynamics of pedagogical mechanisms of political socialization inside various educational levels and on their crossing. The answer to the third item will allow

to offer new approaches to studying modern lines in of political socialization, those conditions and factors which define procedures of political socialization people from different generations at their meeting with the state. It is necessary for high school system to provide graduates, except for a professional knowledge and skills, skills to be guided in an escalating stream of the information, readiness for constant updating and updating of knowledge, and also ability to dialogue to interaction in collective, to the decision of disputed situations.

From these positions it is possible to believe, that - the manager in system of higher education it is necessary to include the following aspects in process of preparation of the medical sister: historical - a history of development of medicine and the general pathology; ethical - basic principles and concepts "is angry", "kindly", "validity", "conscience", "honesty"; legal - realization of key rules standard - legal certificates; medical - scientific validity, an estimation of a degree of risk, utility or uselessness, danger or safety for health and lives of the patient; psychological - models of interaction, psychological features of the medical worker and the patient; social - conformity to system of knowledge of norms and the values formulated in a society; religious - an admissibility of actions of the medical sister from positions of existing religious faiths; Educational - formation of valuable orientations in relation to the person of the examinee, to the own person, formation of the concept " I am a manager ".

Thus, the given approach allows to form the competent spiritual - moral person of the future medical the sister - manager, thus, to reduce negative consequences of use of new technologies both for separately taken person, and for a society as a whole.

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COMBINED METHODS OF NUMERICAL SOLUTION FOR ALGEBRA DIFFERENTIAL EQUATIONS

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We consider algebra - differential equations of the normal form and Cauchy problem [1] as follows:

$$\begin{aligned} x' &= \Psi(x(t), z(t)), z(t) = \Phi(x(t), z(t)), \\ x(0) &= x^0, z(0) = z^0 = \Phi(x^0, z^0), \end{aligned} \tag{1}$$

where $t \in [0, T]$, $\Psi : G \subset R^n \rightarrow R^m$, $\Phi : G \subset R^n \rightarrow R^{n-m}$, $x(t) \in R^m$, $z(t) \in R^{n-m}$.

Combined numerical methods for solution (1): implicit Runge -Kutta's scheme with Newton's iteration-implicit Euler's scheme with simple iterations and

tions are presented. It is shown convergence and exact numerical solutions.

Asymptotic properties of the both combined methods are discussed. We also give examples in which the numerical and the exact solutions are compared.

References:

1. Chistyakov V.F. Algebra - differential operators with finite dimension kernel. Novosibirsk, Hauka, 1996. - 279 p.
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LIFEWARE REALIZATION AS SITUATION OF SUCCESS IN EDUCATION

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The Russian society has been performing its life changes complex process focused on democratic transformations for the last years. Humanitarization of education is becoming an integral part of higher school renovation, is the means of students' panhuman culture formation. Most likely the new type of education will appear as a projective one called up to convert the culture in accord with those changes, which take place in the social development. The higher education quality is the key element, when creating the European Higher Education Zone. More than ever a further development of methods, approaches and criteria of quality assurance at all the levels (institutional, national, European) is necessary now. The quality as-

surance is the prime responsibility of higher educational institutions and it provides the basis for the academic community real responsibility. The training of specialists should be assured not only by the teacher's professional competency high level, but also by the conditions for the development of new educational technologies oriented to personality growth, the learner's peculiarities revelation, the acknowledgement of his subjective experience as originality and inherent worth, the composition of pedagogical effects with the agreement of individual and social experience. The entry of the human into the new development epoch, the change for the interaction with the help of global communications is attended by the realization of the fact that the outside world possesses simultaneously both the properties of integrity and multiplicity. In the constantly changing society the human is offered a wide range of choice, when solving professional and personal problems, that increases the degree of individual responsibility. Due to this the axiological, and it means – humanitarian, aspect of life grows.

The requirements made for the future specialists in conditions of the changes taking place in the society are, first of all, a high level of abilities to realize their intellectual possibilities, to use all their creative potential for displaying initiative and entrepreneurial spirit, solving problems in conditions of market economy harsh mechanisms. That is why the learner-centered education having the humanitarian aspect as the leading one, can create conditions for sound manifestation and development of personal functions of the educational process subjects, create the situation of learners' success.

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