ABOUT PROBLEMS OF MATHEMATICAL MODELING OF DEVELOPMENT OF CHILDREN'S SPORTS IN REGIONS

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ANNOTATION

In article questions of development of national system education and vocational training are considered. Hast years on strengthening of its legal base complex measures have been taken for development of vocational training, modernization and modernization of educational process, a number of system measures for and competitions has been undertaken.

KEY WORDS: *Mathematic, Modeling, sports, children's, education, system, development, national education program, continuous, formation, republic, preschool.*

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Introduction: For yeas of independence the national education system and training became on of state policy pressing questions in republic.

The president of the Republic if Uzbekistan Shavkat Mirziaev I December, 29th, indicate the reform in the school educations, on janvasry, 25th 2018 said about measures on the further perfection of system of an average secial and system of vocational training on the basis of perfection of system of higher education on a condition and july 25th 2018 year strategy of innovative development of republic Uzbekistan.

Materials and Methods.

The president of Republic Uzbekistan Sh.Mirziaev on February, 7th, 2017 said about movement on strategy of the further development of the Republic of Uzbekistan.

The decree №4947 from the decision "about the international competitiveness of the country and innovative theoretical the size as the key factor in definition of progress of buman reason - the main objective of strategy of development".

The formation all-round advanced, healthy generations are the basic task of each country, including republic of Uzbekistan.

As the president of Republic of Uzbekistan "Development has emphasized, the historical priority and pride of nations is defined in intellectual and physical potential of your "-that is the basic criterion of a problem of their education.

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Now in the field of development of physical culture and children's sports it is expedient to use mathematical models with use of modern achievement information technologies.

At development of physical education and children's sports the account of their efficiency is resulted in the generalized model developed by the out hors, which allows action of the experts in regions.

In this connection in the present messages the results of research till calculation of effectiveness ratio of socio economic aspect are given. The prospect, connected by modeling, of development of children's sports in regions.

Thus the following formula is offered

$$X_{ym} = a_1 c_1 + a_2 c_2 + \cdots + a_n c_m = \sum_{i=1}^{n} \sum_{j=1}^{m} a_i c_i \qquad (1)$$

Where

X_{ym}= Total efficieney of branch on physical culture and children's sports,

$c_1, c_2, \ldots, c_m$ – Efficiency of parameter on branches of system,

$a_1, a_2, \ldots, a_n$ – Factor of strategy after development of sports in the country whole

The version of sports is a communication facility, and object in system of development and management. The charges at Cush of the attitudes of social Strategy is defined by the education

$$X_n = \frac{\Delta x_n}{(c + Z_n k) - C_{зc}} \qquad (2)$$

Where

X_n= Efficiency of branches of system;

Δx_n - parameter of growth of social development in sports during one year;

C – means selected in the current year for development of children's sports.

Z_n – Normative effectiveness ratio;

$C_{зc}$ - Economic efficiency of development of children's sports in the certain period.

In the whole application of mathematical modeling and modern information technologies at the analysis of development of children's sports in regions has of huge importance at education comprehensively advanced of youth, which are pride of the country.

Two-step system of children's sports in region

•   The definition of efficiency improvement of children's sports in region is reduced: to the following;

•   The highest social efficiency is defined by criterion of the general charge

•   The item of information to a minimum of the social charges and by that to ensure supply of children's sports

•   Estimation of an economic efficiency at the expense of social account of development of children's sports

•   The achieve supply of children's sports in country side at the expense of read of region

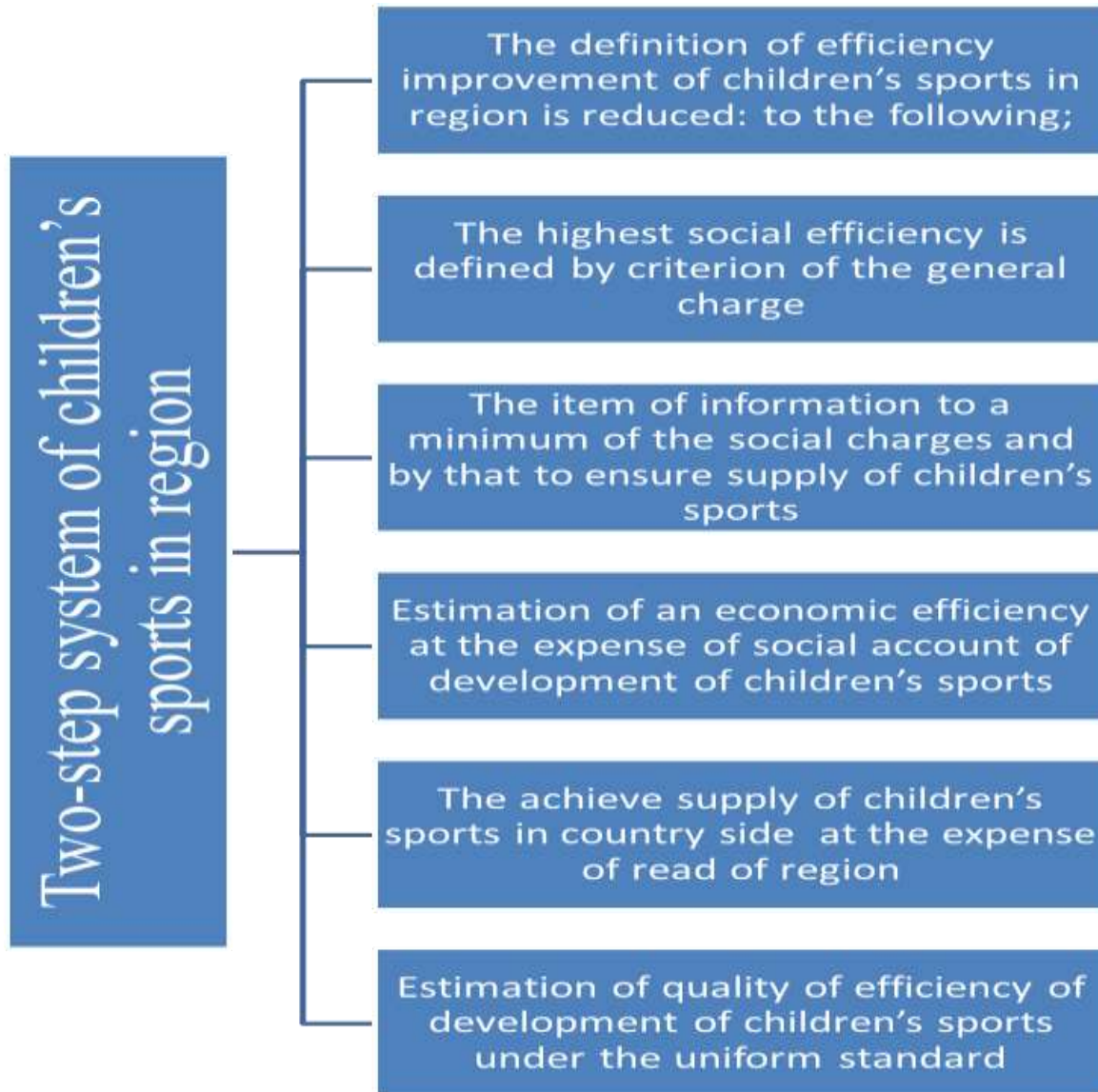•   Estimation of quality of efficiency of development of children's sports under the uniform standard (Figure)

Figure – Two-step system of children's sports in region

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