

## WAYS OF USE OF MATHEMATICAL METHODS IN IMPLEMENTATION OF THE STATE PROGRAM OF PERFECTION OF CONTINUOUS EDUCATIONAL SYSTEM.

Erkin Ganiyev

*Assistant professor The Jizakh Pedagogical University*

**Annotation:** *This article depicts the study of effective ways for utilizing Economic Mathematical Methods in Implementation of the State Program of Perfection of Continuous Educational System.*

### INTRODUCTION

For years of independence, the national education system and training become one of state policy pricing questions in republic. As a result of realization of the National program of training of the citizens, the republic of the Uzbekistan prepared by the First President of the Uzbekistan Islam Karimov and the world community, in the country creates unique system of continuous formation.

The president of the Republic of Uzbekistan Sh.Mirziyayev in December, 29<sup>th</sup>, indicate the reform in the school education, on January, 25<sup>th</sup> 2018 said about measures on the further perfection of system of an average special and systems of vocational training on the basic of perfection system of higher education on a condition and July 25<sup>th</sup> 2018 year strategy of innovative development of Republic Uzbekistan.

Materials and Methods.

The president of Republic Uzbekistan Sh.Mirziaev on February, 7<sup>th</sup>, 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 human reason - the main objective of strategy of development”.

Head Oliy Marhlis said on December, 22<sup>nd</sup>, 2017 “Our great descendants of Al-Horezmi, Ibn Sina” alas unfortunately, is not enough attention to a problem of formation of the presented.

The vital value, in connection with 26<sup>th</sup> anniversary of acceptance of the Constitution of Uzbekistan works on December, 7<sup>th</sup>, 2018 from achievement, words “Standards of preparation of teachers and training methods in sphere of national education on the basis of the advanced foreign experience”.

Possibility of the double should be considered from the point of view of their childhood, children ability of attention to development of all possibilities in our country, many of Biruni, Ibn Sina, Ulugbek.

The decree of the President of Republic of Uzbekistan from September, 30<sup>th</sup>, 2018 №PC3955 “About measures on perfection of management by an education system in the future” the most important criterion in the Road mar for the Concept of management of system of continuous formation plays a main role in this life.

The decision of the Cabinet of Ministers of the Republic of Uzbekistan on September, 30<sup>th</sup>, 2018 “About measurers on the further perfection of preschool education for 2017-2018

years". According to a road map, "Prospect and priorities of modern and innovative technologies in the country of economic development to take into consideration and the experts connected with take them with great attention which they need practical skills, and also at least, if it is considered to teachers of the qualified foreign languages important".

"The National program on training of personnel and law on education" the Republics of Uzbekistan put, the problems of education of growing up generation are urgent, and the acceptable decision of the given question is considered for today as on of basis.

At the acceptable decision of perfection of continuous education the basic direction in use of methods of economic – mathematical modeling including in several directions. Among them especially important and urgent are the networks, developed in our country, of modern professional colleges and academic lyceums, and higher educational institutions acceptable accommodation then in regions would promote training of our children on practical examples of the modern advanced countries.

The perfection of system of continuous education is carried out on the interconnected questions requiring the all-round analysis and study of their aspects.

At attempt if the positive decision of the given problem we could with many interconnected questions requiring the all-round analysis and study of their aspects.

The definition of ways of the acceptable decisions of the given questions through economic – mathematical methods shows, that it is necessary to take into account regional specificity of educational establishments both their parameters and capacities of problem construction. If here  $x$ - axis a parameter of the current year,  $y$ - general expenses used for building capacities.

If  $Q_{tj}^k$  - determining factor of educational establishment builder by a known way  $k=1,2$  - volume of construction  $t$  - planned years,  $j$  - expenses spent at construction of educational establishments in unit.

To outcome at the current year the expressing criterion of expenses for construction of educational establishment is determined through the following formula

$$C_{jt} = \sum_{r=1}^{T-1} h_r + \sum_{t=1}^{T-1} \sum_{j=1}^T Q_{ij}^k S_{tj}^k \quad (1)$$

Here  $S_{ij}^k = t$  the current year,  $r$  - for construction of educational establishment,  $k$ - expense  $m$  volume,  $h_r$  - total amount of expenses within one year.

Cost of criterion function of a task directed on construction of all educational establishments of region and perfection of regional system of education.

The criterion function of general expenses within one year expressed

$$\sum_{j=1}^T b_j = \sum_{h=t}^{T-1} h_t \quad (2)$$

Here  $b_j$  -  $j$  - total amount of expenses within one year general.

Through the data the expression does not depend on acceptable process and unknown cost, however, in first, determines cost of builder educational establishments of a

true  $\sigma_t^k$ : in second, establishes the cost of a bilateral question expressing an initial condition and an acceptable condition of network model: i.e.

$$\left. \begin{aligned} \sigma_1' &= 1 \sum_{t=1}^T v_t \\ \sigma_t^1 &= \sum_{t=1}^T v_t - (v_t - v_{t+1}) \\ \sigma_t^2 &= v_t - (v_t - v_{t+1}) \end{aligned} \right\} \quad (3)$$

In the given bilateral task the condition of restriction, reducing a condition of not determined  $v_t$ ; and t – satisfaction of requirement of the people by creation of modern educational establishments in the current years.

At this time – t – determinant of capacity of construction in the current year;  $v_{t+1}$  – parameter of positive change of a condition of construction the next year.

In the above – stated two network models three iterative calculations or observed, changes of need of construction of educational establishments, which aspires to zero.

The acceptable parameters of expenses in constructions, satisfying these needs, are provided above than expenses short to zero.

From statement of a question it is clear, that at construction of regional educational establishments the large role is placed use level with the state and local budget both foreign investments and patronage of the private businessmen productive of and designed on many years;

- To organize reduction of expenses by qualitative and duly construction of regional continuous educational establishments;

- Putting into practice the acceptable program of development of continuous educational establishments, it is necessary to pay attention to the relation among educational systems;

- In is conjecture and particularly to realize accepted in “to the National program on training of personnel”, Law “About education the programs of perfection of continuous educational establishments.

Execution of the decree of the President of Republic Uzbekistan №PF-5198 on September, 30<sup>th</sup>, 2017 “About measures on radical perfection of a control system by preschool education”, the further expansion of the stat and not state branches, creation of conditions for a healthy competition between them, partner relations, with introduction of new forms of preschool education in Uzbekistan, by means of which intellectual, physical, directed on education.

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