

METHODOLOGY FOR DETERMINING THE TECHNICAL AND ECONOMIC LEVEL OF ENTERPRISES IN THE DIGITAL ECONOMY

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There is no methodology (method) for determining the technical and economic level for the modernization of innovation of service enterprises. Therefore, we have taken the analysis of existing methods in other areas below, and then developed their improved method.

V.I.Terexin¹ notes that this issue is calculated in various ways that are modeled in industrial enterprises with high capacity. In this case, the technical level of the product is considered as a multi-parameter function. That is, the technical level of product I, determined by the multiple parameters x_i ($i=1, n$)² :

$$K_{\text{дәә } j} = \varphi(x'_{ij}; x'_{ia}; a_i) \quad (2.11)$$

where: X'_{ij} – I - indicator some value;

a_i – I is the index value of salinity (weight).

If, the technical and economic level is assessed, then additional economic indicators, that is, all spending on the performance of the function of the product, should be taken into account in ham. In it, the coefficient of the technical-economic level can be expressed as follows:

$$K_{\text{дәә } i} = \psi(x'_{ij}; x'_{ia}; C_{lj}; C_{la}), \quad (2.12)$$

in this:

C_{ij} – I costs in the industry. ($l=1, L$)

From this mathematical model it can be seen that the technical level and the technical – economic level do not go against each other, and the balkim complement each other. Both of these models should be used in the calculation of the mordernization

¹ В.И.Терехин.Повышение эффективности производства новой техники.-М.,Экономика,1987.220с

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innovation novelty of the enterprise? If the technical level indicates that the equipment of the enterprise has been improved to the hook, the technical and economic level represents a direct dependence on the profitability of the enterprise.

When calculating the technical and technical–economic level of the enterprise, there are different opinions. When calculating the technical and economic level, we consider that the following points, which are relatively common, are worthy of attention:

- the technical specialist and the economist have precisely determined the expert on the assistant or the research coefficient ³

- at the same time, the main parameters of the equation, for example, the natural values (solishtirma of material consumption, solishtirma of energy consumption) and the real values (solishtirma of energy consumption), must match.

The following criteria are proposed for the evaluation of the feasibility study:

- According to GOST 15467-70, the indicators of the technical and economic level should coincide with the indicators of integral and complex quality;

- the lagging of the efficiency of a new machine over the years from the industry average is understood as a technical and economic level ;

- determination of the consumer value of the product and the suitability of Labor consumption in determining the technical and economic level ;

- comparison to the most advanced production equipment worldwide in determining the technical level.

Therefore, we offer the following some modified variant of the method proposed before the maxadida of separate calculation of only the electronic and economic level of Service Service Enterprises:

1. Determination of the state of the enterprise at the time of determining the e - technical and economic level in the material technical base (main fund).;

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2. The collection of functional data on the electronic equipment in the material and technical base (main fund) of the enterprise and the annealing of the functional Group.
3. 3. Determination of the coefficient of quetid - electronic - technical-economic level for each electronic technique;
4. Determination of the coefficient of quetid - electronic – average economic

level for each functional group.

$$K_{\text{e} \delta \text{a} i} = \left[\frac{\sum_{n=i}^i \overline{K_{\delta \text{a} i j}}}{n} \right]$$

бунда: n- гуруҳлардаги электрон техника сони;

5. $\overline{K_{\text{m} \delta \text{a} i j}}$ - the average value of the coefficient of electronic technical and economic level of groups:

$$K_{\text{e} \delta \text{a} i j} = \left[\frac{\sum_{n=i}^i \overline{K_{\delta \text{a} i s}}}{n} \right]$$

where: n is the number of groups.

Кэтидіс - еестрон technique-coefficient of economic degree;

6. Determine the economic efficiency of new electronics.
7. Anicalization of the dependence of the technical and economic level and efficiency of enterprises.

In the production of enterprises of service enterprises (catering, trade and hotels), it is important to determine in advance how much modernization affects the implementation of Innovation Technology (Electronic Technology) and technology, the economic efficiency of the enterprise.

To determine the economic effectiveness of the application of the new technique in the enterprise of services (catering, trade and equipment), V.I.We use the cost accounting method, which is presented to each production product (work) offered by Shalun. In this case, the modernization innovation event with the lowest cost of a product performed in the same volume or a work performed is considered effective.

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