

Intellectual Archive

Результативный Барок

Volume 2

Number 6

November
2013

$$\frac{R^2}{2} \frac{1}{c^2} = \frac{8\pi G}{c^4} \frac{T^2}{H}$$
$$\Omega = 4 \frac{(1+2A^2 - A^2 r^2)}{(1-2A^2 + A^2 r^2)} = A(1+4A^2 - 2A^2 r^2)$$
$$\frac{R^2}{2} \frac{1}{c^2} = \Omega^2 \wedge \omega^2 = \omega^2 \wedge \omega^2 = \frac{a'}{ab} \frac{b+\pi r}{7b^2} \omega^2 \wedge \omega^2$$
$$\frac{R^2}{2} \frac{1}{c^2} = \left[\frac{V_z}{r} \right] + \left[\frac{\partial V_z}{\partial r} \right] + \left[\frac{\partial V_z}{\partial r} \right] + \left[\frac{\partial V_z}{\partial r} \right]$$
$$\frac{R^2}{2} \frac{1}{c^2} \approx 10^{-10} \div 10^{-11}$$
$$\int_0^{r^*+\delta} \delta g_{quasi} dr$$

IntellectualArchive

Volume 2, Number 6

Publisher : Shiny World Corp.
Address : 9350 Yonge Street
P.O.Box 61533,
Richmond Hill, Ontario
L4C 3N0
Canada

E-mail : support@IntellectualArchive.com
Web Site : www.IntellectualArchive.com
Series : Journal
Frequency : Bimonthly
Month : November of 2013
ISSN : 1929-4700
Trademark : **IntellectualArchive™**

© 2013 Shiny World Corp. All Rights Reserved. No reproduction allowed without permission.
Copyright and moral rights of all articles belong to the individual authors.

Intellectual Archive

Volume 2

Number 6

November 2013

Table of Contents

Computer Science

Kurzheievskiy, Brodovska, Filimonova	Algorithm Of The Hidden Distribution Of Cryptographic Keys	1
Kurzheievskiy, Brodovska, Filimonova	Application Of Elliptic Curves And Gamming For Information Security From Unauthorized Access	6
Kurzheievskiy, Brodovska, Filimonova	Possible Ways Of Information Security On The Hidden Channel In Electro Digital Signature	11

Chemistry

Odintsova, Safonov, Pruhlo, O.Panasenko, Knysh, T.Panasenko	Synthesis And Study Of The Actoprotective Activity Of 4- R-5-Adamantane-1-YI-3(Alkylthio)-4-H-1,2,4-Triazoles,2-(4-R-5- Adamantane-1-YI-4H-1,2,4-Triazole-3-Ylthio) Acetic Acids And Their Salts	17
--	---	----

Mathematics

N.Ravshanov, D.K.Sharipov	A Physical Splitting Method For The Solution Of A Problem Of Spread Of Harmful Substances Into The Atmosphere	27
------------------------------	--	----

Sociology

Irina Volokhova	Municipal Charges In Financing Production And Provision Of Public Benefits	40
-----------------	---	----

Linguistics

Yuri N. Klimov	Length of words and frequency of words in the text "Heriij nachego vremeni" M.Yu. Lermontovs: "Fatalist"	47
Yuri N. Klimov	Length Of Words And Frequency Of Words In The Text M.Yu. Lermontovs: "Mzyri"	50
Yuri N. Klimov	Ranking distribution of lengths of words, frequencies and quantities of words in poems of the poet of the beginning of XX century of M.A. Kuzmin	53
Yuri N. Klimov	<i>Hapax legomena</i> in A.S. Pushkin, B.L. Pasternak, A.A. Ahmatova and I.A. Brodsky's verses	57

History

Izbulloeva G.V.	Social Conditions Formed In Jaloliddin Rumi's Ideas	64
-----------------	---	----

Economics

Klimuk V.V.	About Ineffective Use Of Material Resources	77
-------------	---	----

Chemistry

Samelyuk, Kaplaushenko, Avramenko, Pryakhin	The Study Of Acid-Base Properties Of 5-(4-Methoxyphenyl, 3,4,5- Trimethoxyphenyl)-1,2,4-Triazole-3-Thioacetic Acids And Their Salts	80
---	--	----

Toronto, November 2013

ABOUT INEFFECTIVE USE OF MATERIAL RESOURCES

Vladimir Vladimirovich Klimuk

*PhD Student Baltic Federal University Immanuel Kant (Kaliningrad)
klim-w11@rambler.ru*

Abstract

This paper presents the identified causal waste of material resources and the proposed approach of the author to address them.

Keywords: material resources, reduction, efficiency.

Just as in any task to implement it is necessary to clearly identify the reasons that led to this result. Only after identifying the causes can act according to the planned activities, monitoring and adjusting the process of its implementation. Scientists V.Ya.Gorfinkel, V.A.Shvandar, V.I.Titov, G.V.Savitskaya, A.I.Ilin, A.A.Kanke studying the problem of efficient use of material resources, tools of analysis, do not attach identification of significant value and justify the reasons waste of material resources, and does not offer specific measures to reduce the consumption of material resources for their effective use. This situation was the basis for writing this article.

The textbook V.Ya.Gorfinkelya, V.A.Shvandar "Business organizations" are the results that can be achieved with rational use of working capital, the reserves are in the work of saving material resources, divided into three groups: general economic, cross-industry, - internal. However, there is no justification in the book and detailing provisions of these groups, and not offered the possible options to improve the efficiency of the use of material resources. [1, c.195]

The textbook V.I.Titova "Business Economics" is a classification of material and technical resources and the emphasis placed on the valuation methodology consumption of material resources, to identify the needs of businesses in every kind of material resources. The reasons for their irrational use and ways to reduce the consumption of material resources in the V.I.Titova omitted. [5, c.94]

The textbook A.I.Ilina "Business Economics" reflects the economic substance of current assets, their structure is a system of performance indicators of material resources for the purpose of quantification. However, the specific reasons for the inefficient use of material resources, and ways to enhance their effectiveness in the textbook is not represented. [2, c.34] The textbook G.V.Savitskoy "Economic Analysis" and the textbook A.A.Kanke "Analysis of financial and economic activity of the enterprise," the focus relative to the material resources paid to the performance of their use. Ways to improve the data as indicators of novelty options in the traditional system of indicators in the work is not offered. [3, c.146; 4, p.194]

Based on the above, the author presents in this article are the most compelling reasons that affect the change in indicators of effective use of material resources, and on the basis of their analysis suggests possible options to address them. The main causes of wastage of material resources are the following.

1) Weak control system.

Imperfect sequence for incoming , current and final control leads to inappropriate regulations and directions of flow of material resources. As a result, performance indicators of material resources is particularly limited.

2) Sub-optimal use consumption rates.

Quality standards developed determines how the data is associated norm level of scientific and technical progress , the conditions of production in the target company . Norms depends on the quality of the effectiveness of the use of material resources. The better the rate , the better use of resources , and vice versa.

3) Inadequate technical base.

Rational consumption of resources depends on the use in production of items of technical equipment (machinery, equipment, auxiliary units) . Technical equipment is improved in order to reduce the consumption of materials for the manufacture of one product.

4) The imperfection of the process.

The technological process is a list of successive stages of processing the workpiece from its arrival at the workplace and to finished products.

5) Inadequate organization of production.

Providing quality of progress on the transfer of workpieces between production stages , the development of optimal location of jobs affects the economy of material resources in the process of production. Therefore, enterprises should pay more attention to creating the optimal organization of production as one of the elements in the system of management.

6) Imperfection of logistics .

The quality of incoming material at the stage of process technology resources affect their rational consumption in the process of production , is consistent with the standards of the company .

7) Lack of the enterprises whose products are characterized as material- , special departments to streamline production.

These departments will organize all of the work on tracking the frequency of occurrence of defects in products, the frequency of exceeding the planned consumption rates and total consumption of material resources to plan for the production of products, graphing eliminate excessive regulations , the development of new forms of production , new ways of production, the introduction of energy saving technologies. The listed causes wastage of material resources are common to most enterprises, firms and are subject to detailed review to explore options to address them. Every enterprise , identifying specific list identified in its manufacturing process defects , deviations from targets that result in deterioration of the efficient use of material resources , developing a system of measures , their proposals for addressing the identified causes of wastage of material resources.

The author of this article as such offers is the following .

1) The analysis of scientific and technological innovations .

2) Implementation of the system of monitoring of performance indicators of material resources.

3) Economic- mathematical modeling.

4) Parallelism processes.

5) Asystem of algorithms .

6) The introduction of co- production cycles of several enterprises pair of " material supplier - manufacturer of the finished product ."

7) Establishment of venture capital firms in the region with the direction of innovation.

Thus, the list of identified main causes of inefficient use of material resources for the enterprise is a " veil " that covers the ways to improve the financial condition, and the proposed measures allow me to break this " veil " and the organization of the production

process on the principle of optimization of material resources. To investigate the effectiveness of the use of material resources used operating procedure , including a system of indicators and methods of factor analysis. However, this method of estimating the effective use of material resources has , in our opinion, some of the shortcomings . Here they are:

- 1) the lack of a factor representing the speed and dynamics of the consumption of material resources in the production process ;
- 2) the lack of an indicator on the use of material resources for the planned purpose;
- 3) The limitations of the system of indicators in the calculation of lost profits as a result of inefficient use of resources;
- 4) the limitations of the system parameters in the direction of identifying the dynamics of the value of stocks of material resources in the initial and final stages of the production process ;
- 5) the lack of a factor representing the efficiency of the use of material resources with regard to their applicability and terms of use;
- 6) the lack of a universal method of factor analysis applied to all types of factor models and providing ease of calculation and accuracy of the economic interpretation of the final results ;
- 7) lack of standardization in the consumption of material resources considering the level of scientific and technological development , the probability of loss of material resources and their deviations from the planned target ;
- 8) the lack of structural schemes of the level of material intensity and the factors that influence its dynamics ;
- 9) lack of development of the optimization model the effective use of resources;
- 10) the lack of development of an econometric model of effective use of material resources through the application of specific correlation and regression analysis.

References

1. Garfinkel VY Business organizations (enterprises) studies. for High Schools / Ed. prof. V.Ya.Gorfinkelya, V.A.Shvandara. - Moscow: UNITY-DANA, 2003. - 608 p.
2. Alexander Ilyin Enterprise Economics / A.I.Ilin. - Minsk: New knowledge, 2007. - 236 p.
3. Kanke AA Analysis of financial and economic activity of the enterprise / A.A.Kanke, I.P.Koshevaya, ed. A.A.Kanke. - Moscow: Publishing House "FORUM": INFRA-M, 2007. - 288.
4. Savitskaya GV Economic analysis / G.V.Savitskaya. - Minsk: New knowledge, 2005. - 651 sec.
5. Vladimir Titov Enterprise Economics: Textbook / V.I.Titov. - Moscow: Penguin Books, 2008. - 416 p.