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Поле	Значение
Объект №1	
Заголовок	COMPETITIVENESS AND COOPERATION OF STATE AND BUSINESS IN THE SPHERE OF SOCIAL SERVICES: THEORY, METHODOLOGY, LEGISLATION, PRACTICE (ON THE EXAMPLE OF THE REPUBLIC OF KOMI)
Аннотация	The article considers approaches to determining competitiveness and cooperation in the social sphere. On the basis of the all-Russian classifier of types of economic activity and in accordance with the standard for the development of competition in the constituent entities of the Russian Federation, a list of socially significant regional markets is indicated. An Action Plan (road map) to promote competition in the Komi Republic is presented. As an indicator of the regions competitiveness, it analyzes the monitoring of population satisfaction with the quality of social services for the population, over the course of three years (2015-2018). It is determined that the set target indicators of the private market of goods, works, services have been achieved. The level of development of competition for this type of economic activity is defined as satisfactory.
Автор 1	Tikhomirova, V.V.

Место работы автора 1	Institute of Social, Economic and Energy Problems of the North Komi Scientific Center of the Ural Branch of the RAS, Syktyvkar, Russia
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Объект №2	
Заголовок	THE NEED FOR STRESS TESTING FOR FINANCIAL ORGANIZATIONS
Аннотация	<p>The article discusses the need to use an effective predictive tool in the field of risk management, which allows forecasting financial losses during stable and highly volatile periods of economic development, as well as assessing the stability of organizations when they are exposed to stressful, but quite realistic risk factors. The use of the stress testing procedure is proposed as such a tool. The article analyzes stress testing from the point of view of various applied aspects, also identifies the problems that are often encountered during this procedure, suggests ways to solve these problems. In addition, the key characteristic of the stress testing procedure is described, in the absence of which the target task will not be solved to conduct a preventive risk assessment in the worsening economic situation or in the event of a financial crisis. In addition, regulatory requirements for stress testing are provided, advantages and disadvantages of current legislation are highlighted, and examples of the use of stress testing by the government are provided.</p>

Автор 1	Emelyanova, E.S.
Место работы автора 1	Executive Director, Sberbank PJSC
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Объект №3	
Заголовок	QUANTITATIVE AND QUALITATIVE ASSESSMENT OF THE FINANCIAL STABILITY OF COMMERCIAL BANKS
Аннотация	In the article, the authors consider the problems of developing a tool- kit of qualitative methods for concretizing the concept and assessing the financial stability of a commercial bank. The relevance of such a study is due to the extremely unstable financial and economic state of commercial banks at the federal and regional levels and the entire banking system as a whole. The authors have proposed a list of key banking risks and methods for calculating them, based on methods approved by international financial organizations and the Central Bank.
Автор 1	Gorskiy, M.A.
Место работы автора 1	Plekhanov Russian University of Economics
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Объект №4

Заголовок	LANGUAGE LEARNING GAMIFICATION IN HIGHER EDUCATION
Аннотация	<p>The article discusses the features of the gaming technology in the foreign language teaching. The specificity of the game activity in students personal development is highlighted. The author presents the targets of language learning gamification in higher education. The article offers the review of different types of games according to their didactic tasks. The author shows the example of a role-playing game on the topic of Humanitarian Law. The transition from reproductive to productive and creative strategies of the development of game cognitive activity is shown as the necessary condition of game introduction in higher education. The author states that the inclusion of game situations, business games, and role-playing games in the language-learning process helps the professional orientation in educational activity of students.</p>
Автор 1	Kriskovets, T.N.
Место работы автора 1	Head of the Foreign Languages Department, Military Engineering and Technical Institute of Khrulev Military Academy of Logistics and Transportation, St.Petersburg.
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Объект №5	
Заголовок	INTENSIFICATION OF EDUCATIONAL AND COGNITIVE ACTIVITIES OF INTERNS IN THE PROCESS OF TRAINING
Аннотация	Ensuring the effective socio-economic development of any society and the high level of medical care necessitates the professional training of specialists in a fundamentally new formation. An important stage of preparation in medical business is postgraduate training - internship. The main task of the interns professional training is the activation of their educational and cognitive activities, the development of clinical thinking, the motivation for the need to master practical skills.
Автор 1	Markovska, O.
Место работы автора 1	Kharkiv National Medical University
Автор 2	Tovazhnyanska, O.
Место работы автора 2	Kharkiv National Medical University
Автор 3	Markovskyi, V.
Место работы автора 3	Kharkiv National Medical University
Автор 4	Shapkin, A.
Место работы автора 4	Kharkiv National Medical University
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Объект №6**Заголовок**

REFLECTION OF THE LANGUAGE CONSCIOUSNESS OF NATIONAL CULTURE IN THE ASSOCIATIVE FIELD OF EXTERNAL ADVERTISING

Аннотация

The article analyzes the associative field of an advertising banner in the multi-ethnic city of Ufa, which is the capital of the Republic of Bashkortostan, which is part of the Russian Federation. This work was written on the basis of a free associative experiment, in which 34 residents of Ufa took part. The resulting associative field was compared with the verbal part of the banner and its accompanying image and analyzed for the reflection of the linguistic consciousness of the carriers of the Bashkir culture in the city text of Ufa. It also analyzed the influence on the formation of associations in subjects of such methods of creolization of the advertising text as font, color and background image.

Автор 1

Ismagilova, A.F.

Место работы автора 1

Bashkir State Pedagogical University named after M. Akmulla Ufa, Russia

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Объект №7

Заголовок	TYPES D'ANTONYMES DANS LA LANGUE IAKOUTE
Аннотация	Cet article est consacrer l'analyse des types d'antonymes dans la langue iakoute. Les possibilites smantiques des antonymes considres sont analyses, en fonction du type logique-smantique du contraire.
Автор 1	Efremova, N.A.
Место работы автора 1	Universit fdrale du Nord-Est du nom de M.K. Ammosov Rpublique Sakha (Iakoutie), Fdration de Russie
Автор 2	Khompodoeva, M.V.
Место работы автора 2	Universit fdrale du Nord-Est du nom de M.K. Ammosov Rpublique Sakha (Iakoutie), Fdration de Russie
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Объект №8

Заголовок	UNUSUAL FUNCTION OF DIMINUTIVES IN M. ZOSHCHENKO'S SMALL PROSE
Аннотация	<p>In the study, along with a brief overview of the work of the 20th century Russian writer M. Zoshchenko, it is shown that the means of expression in the works of the analyzed author are diminutives. In M. Zoshchenko's small prose, diminutives perform various functions (characterological, didactic, ironic, actualizing the image of the little man, representing the world of a child and a woman, etc.). The use of diminutives for developing the image of a small person is revealed. The satirical orientation of literary texts by M. Zoshchenko did not leave aside the appeal to such a mean of expressiveness as diminutive. The diminutives in the texts of small prose by M. Zoshchenko containing ecphrasis fulfill the function of a comic (in particular, in such a form of irony as antiphrasis). It has been shown that diminutives-somatisms are often both in the 20th and 21st centuries are used in a figurative and reprehensible sense. At the same time, the presence of ecphrasis in the text of M. Zoshchenko is aimed at the implication of the didactic function.</p>
Автор 1	Ivanyan, E.P.
Место работы автора 1	Samara State University of Social Sciences and Education Samara, Russia
Автор 2	Mikhailova, M.Y.
Место работы автора 2	Samara State University of Social Sciences and Education Samara, Russia
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Объект №9	
Заголовок	MATHEMATICS IN THE TECHNOLOGY OF ORGANIZATION AND OPERATION OF DIGITAL COMMODITY PROCESSES - MICRO-ECONOMICS, MACRO-ECONOMICS, MEZO-ECONOMICS
Аннотация	Interpretations of the technology of organization and work of mathematics in modern commodity processes are presented. This new direction in Russian philosophical culture and World Economic Theory is the Technology of Triedinstvo from an idealistic beginning. The basis of scientific experience is formed both in Russian philosophy and in the Russian Mathematical School (P.L. Chebyshev, N.I. Lobacheskiy, etc.) it is technologies of Triedinstvo, Vseedinstvo, of harmony of diversity of the complex of components of the process. These technologies make it possible to systematize all the accumulated experience of previous generations in the organization and operation of economic systems.
Автор 1	Chefonov, V.M.
Место работы автора 1	Director of OKF quotRussian Philosophical Culture quot Russia, Irkutsk Region Angarsk.
Автор 2	Chefonov, A.V.
Место работы автора 2	Engineer of the project OKF quotRussian Philosophical Culture quot Russia, Irkutsk Region Angarsk.
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Объект №10

Заголовок	EVALUATION OF THE RESULTS OF SURGICAL TREATMENT OF PATIENTS WITH TRANSVERSE FLATFEET
Аннотация	<p>The article considers the problem of assessing the long-term results of surgical treatment of patients with pathology of the anterior foot. An improved scale for assessing the results of treatment is proposed, which, in contrast to the generally accepted and most commonly used in clinical practice of AOFAS and Groulier scales, takes into account the subjective assessment by the patient and the doctor. A comparative study was conducted involving 128 patients. All patients were interviewed on three scales for evaluating treatment outcomes. When analyzing the results, the percentage of positive ratings given by the doctor and the patient practically coincides (91.4 and 89.8, respectively). However, a further analysis shows that the percentage of good marks given by patients is much higher (76.5) than by doctors (64.8). All this suggests that today doctors are more demanding and picky about the results of surgical treatment than patients. The introduction into clinical practice of an improved scale for assessing treatment results is advisable for further improving the choice of surgical treatment for various types and degrees of deformation of the anterior part of the feet.</p>
Автор 1	Rasputin, D.A.
Место работы автора 1	Samara State Medical University
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Объект №11

Заголовок	INFRARED RADIATION WITH TERAHERTZ MODULATION IN THE ACUTE ISCHEMIC STROKE
Аннотация	<p>The results of using infrared (IR) radiation with terahertz (THz) modulation in 112 patients in the acute period of ischemic stroke (IS) are presented. In the main group (n 38), IR radiation with THz modulation on the projection of the AI focus was used, patients in the control group (n 37) were on basic drug therapy, and in the placebo group (n 37) the physiotherapeutic treatment was simulated. Clinical and neurological status and neurofunctional indices were evaluated using the NIHSS, MMSE, HADS scales, and duplex scanning of brachiocephalic vessels was performed. It has been shown that the transcranial use of infrared radiation with THz modulation on the projection of the IS focus in the early period helps to significantly reduce the severity of clinical symptoms, significantly regress neurological deficits, fully restore cognitive functions and improve psychoemotional status by restoring adequate blood supply to the affected hemisphere.</p>
Автор 1	Kiryanova, V.V.
Место работы автора 1	Head of Department Mechnikov North-West State Medical University
Автор 2	Molodovskaia, N.V.
Место работы автора 2	Mechnikov North-West State Medical University Head of Physiotherapy Department City Hospital 38 named after N.A. Semashko, St. Petersburg
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Объект №12

Заголовок	COMBINATION OF SURGICAL AND ORTHODONTIC TREATMENT OF PATIENTS WITH UNILATERAL CLEFT LIP AND PALATE
Аннотация	Discusses the problem of maintaining the primary cheiloplasty in patients with the large size of the diastasis with an unilateral cleft lip and palate Explained the feasibility of pre-surgical orthodontic treatment in patients with unilateral cleft lip and palate using ortho-implants with elastic chain. The surgical and orthodontic protocol of manipulations is described. The clinical example the installation of ortho-implant with further correction of the size of the diastasis.
Автор 1	Mamedov, A.A.
Место работы автора 1	I.M.Sechenov First Moscow State Medical University
Автор 2	Mazurina, L.A.
Место работы автора 2	I.M.Sechenov First Moscow State Medical University
Автор 3	Volkov, U.O.
Место работы автора 3	Head of Department Pediatric Government Clinical Hospital 9 named after G.N.Speranskij
Автор 4	Akhmetkhanov, S.
Место работы автора 4	I.M.Sechenov First Moscow State Medical University
Автор 5	Odjaggulieva, G.

Место работы автора 5	I.M.Sechenov First Moscow State Medical University
Автор 6	Gorlova, N.V.
Место работы автора 6	I.M.Sechenov First Moscow State Medical University
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Объект №13	
Заголовок	ÉVALUATION DE LA TENEUR EN SUBSTANCES BIOLOGIQUEMENT ACTIVES DANS LES MATIÈRES PREMIÈRES FRAÎCHES DE CASSIS (RÍBES NÍGRUM)
Аннотация	Dans cet article, nous avons ralis une tude qualitative et quantitative dun certain nombre de groupes connus de substances biologiquement actives telles que lacide ascorbique, les carotnodes et les anthocyanes. Lanalyse qualitative a t ralise par des ractions qualitatives caractristiques et une chromatographie sur couche mince. Une valuation quantitative des groupes tudis a t ralise par des mthodes pharmacopes bien connues (anthocyanes), des mthodes iodometriques (acide ascorbique), ainsi quen utilisant un extrait lipophile (carotnodes). La teneur en acide ascorbique tait de 2,23, les carotnodes - 0,5-2,0 mg / 100 g et les anthocyanes - 0,182 g / 100 g.
Автор 1	Minaeva, O.R.

Место работы автора 1	Premire MGMU nomme daprs I.M. Sechenov
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Объект №14	
Заголовок	MARKERS OF MOTOR PERFORMANCE IN YOUTH FOOTBALL
Аннотация	<p>Purpose of the study: examine the parameters of motor performance of young professional football players as markers of the effectiveness of gaming activities and compare them with an expert assessment of the technical and tactical preparedness of professional coaches. Research methods and organization: The experiment was attended by 20 football players from a professional football academy who played two periods in 15 football matches. We used a sports GPS global positioning system, the Catapult system (Optimeye S5 Catapult Innovations of Australia, Melbourne). Professional football coaches after each official game put up an expert assessment of the implementation of technical and tactical preparedness by players in points from 1-10. Results: Markers were installed: speed zone 4.5-5.5 m / s, m IMA decal, amount of assessment of motor performance of young athletes specializing in football, which are comparable with the expert assessment of the success of the implementation of technical and tactical preparedness in the game. Statistical analysis did not reveal significant differences in markers regarding football roles - forwards, defenders, midfielders. Conclusion: An algorithm is proposed for urgent control of specialized motor activity in conjunction with an assessment of the technical and tactical component of training youth football players.</p>
Автор 1	Golubev, D.V.

Место работы автора 1	Lesgaft National State University of Physical Education, Sport and Health, Saint Petersburg
Автор 2	Shchedrina, J.A.
Место работы автора 2	Lesgaft National State University of Physical Education, Sport and Health, Saint Petersburg
Автор 3	Acena, A.R.
Место работы автора 3	University Catholica San Antonio de Murcia, Spain
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Объект №15	
Заголовок	ANALYSIS OF THE PHYSICOCHEMICAL PROPERTIES OF RECOMBINANT L-PHENYLALANINE-AMMONIUM LYASE
Аннотация	In this work, the physicochemical properties of recombinant L-phenylalanine-ammonium lyase (PAL) were studied, the activity of the enzyme at various pH and temperature was determined in order to establish their optimal values.
Автор 1	Babich, O.O.
Место работы автора 1	Kemerovo State University, Kemerovo, Russia

Автор 2	Ivanova, S.A.
Место работы автора 2	Kemerovo State University, Kemerovo, Russia
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Объект №16	
Заголовок	ANALYSIS OF ALLERGENICITY AND HEPATOTOXICITY OF ENZYMATIC HYDROLYSATES OF COCONUT OIL
Аннотация	In this work, the allergenicity of enzymatic hydrolysates of coconut oil was studied using mast cells from laboratory mice, and its hepatotoxicity was studied using an MTT assay based on measuring the loss of lactate dehydrogenase. The results obtained indicate the absence of allergenicity and hepatotoxicity in enzymatic hydrolysates of coconut oil.
Автор 1	Noskova, S.Y.
Место работы автора 1	Kemerovo State University, Kemerovo, Russia
Автор 2	Sukhikh, S.A.
Место работы автора 2	Kemerovo State University, Kemerovo, Russia
Автор 3	Dyshlyuk, L.S.

Место работы автора 3	Kemerovo State University, Kemerovo, Russia
Автор 4	Ivina, O.A.
Место работы автора 4	Kemerovo State University, Kemerovo, Russia
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Объект №17	
Заголовок	ANALYSIS AND IDENTIFICATION OF METABOLITES OF PSYCHROPHILIC MICROORGANISMS ISOLATED FROM BOTTOM SEDIMENTS OF LAKE BAIKAL
Аннотация	The metabolites of selected psychrophilic microorganisms were identified and their properties (antibacterial activity, pH optimum and thermal stability) were analyzed.
Автор 1	Sukhikh, S.A.
Место работы автора 1	Kemerovo State University, Kemerovo, Russia
Автор 2	Shevchenko, M.A.
Место работы автора 2	Immanuel Kant Baltic Federal University, Kaliningrad, Russia
Автор 3	Bulgakova, O.M.

Место работы автора 3	Kemerovo State University, Kemerovo, Russia
Автор 4	Belova, D.D.
Место работы автора 4	Immanuel Kant Baltic Federal University, Kaliningrad, Russia
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Объект №18	
Заголовок	SYNCHRONIZATION OF REPRODUCTION IN BIRD COLONIES AND POPULATIONS AND DETERMINATION OF ITS LEVEL
Аннотация	Based on many years of research (1972-2018) on the biology, ecology, and behavior of gull birds, the high synchronization of their reproduction in colonies is specially considered. This sign varies greatly depending on their size and is well expressed in small colonies. This is due to the fact that large colonies are formed from small ones, often differing in terms of reproduction. As a result, the duration of the breeding season of a large colony covers the entire breeding season of the species. The features of synchronization of breeding birds in colonies are examined in detail. Based on the collected materials, a special index was developed and proposed for use, which allows one to assess the level of synchronization of bird breeding in clusters and colonies - Isr (index of breeding synchronization).
Автор 1	Melnikov, Y.I.

Место работы автора 1	Head of Postgraduate Studies Baikal Museum of the Irkutsk Scientific Center
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Объект №19	
Заголовок	STUDYING THE REGULARITIES OF THE CATALYTIC GAS-PHASE OXIDATION PROCESS OF METHANOL TO FORMIC ACID ⁱ
Аннотация	The article explains the results of the development of a new method for producing formic acid during the catalytic oxidation of methanol in the vapor phase. For this, a multidimensional regression equation created, the coefficients of the equation were calculated, and their significance was determined. The adequacy of the regression equation verified and a more sensitive parameter identified. The problems of correlation of parameters of equations investigated. The statistical significance of the equation confirmed using the Fisher method.
Автор 1	Aliyev, G.S.
Место работы автора 1	Institute of Catalysis and Inorganic Chemistry named after Acad. M.F.Nagiyev of National Academy Sciences of Azerbaija
Автор 2	Rustamli, K.M.

Место работы автора 2	Institute of Catalysis and Inorganic Chemistry named after Acad. M.F.Nagiyev of National Academy Sciences of Azerbaija
Автор 3	Guliyeva, G.A.
Место работы автора 3	Institute of Catalysis and Inorganic Chemistry named after Acad. M.F.Nagiyev of National Academy Sciences of Azerbaija
Автор 4	Ibrahimova, L.A.
Место работы автора 4	Institute of Catalysis and Inorganic Chemistry named after Acad. M.F.Nagiyev of National Academy Sciences of Azerbaija
Автор 5	Ahmadova, I.V.
Место работы автора 5	Institute of Catalysis and Inorganic Chemistry named after Acad. M.F.Nagiyev of National Academy Sciences of Azerbaija
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Объект №20

Заголовок	FEATURES OF SELECTIVITY CONTROL OF INORGANIC ION EXCHANGERS
Аннотация	<p>The ion-exchange properties of tin (IV) phosphate during sorption of alkali metal cations are studied. It was shown that the selectivity series has the form Cs Rb K Na and, with an increase in the tin (IV) content during synthesis, the distribution coefficients slightly increase, which is associated with an increase in the amorphous state of the ion exchanger. When using citric and sulfosalicylic acids as modifiers, the selectivity series for transition elements is as follows: Fe³⁺ Co²⁺ Zn²⁺ Cu²⁺Ni²⁺. For acetic, boric and formic acids: Cu²⁺ Fe³⁺ Zn²⁺ Co²⁺ Ni²⁺. A feature of inorganic ion exchangers is their selectivity. These include sorbents based on salts of tetravalent metals (zirconium, titanium, germanium, lead, hafnium, tin), to the synthesis of which is devoted to a large number of works. Recently, attention has been paid to their modification 1-7. The least studied is tin (IV) phosphate, whose properties can be changed by introducing various modifiers.</p>
Автор 1	Datkova, E.A.
Место работы автора 1	Irkutsk State University
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Объект №21

Заголовок	THEORY AND PRACTICE OF ENERGY SAVING OF LOW- TEMPERATURE PROCESSES
Аннотация	Promising in chemical technology is the liquefaction of low-temperature gases and gas mixtures and, associated with these processes, low-temperature distillation and fractional condensation. Energy efficiency is determined by the conversion coefficient κ equal to the ratio of energy flows characterizing the beneficial effect and costs. For refrigeration machines that consume energy in the form of work, the conversion coefficient is usually called the cooling coefficient κ .
Автор 1	Habibova, N.Z.
Место работы автора 1	Mendeleev University of Chemical Technology of Russia
Автор 2	Tarasova, T.A.
Место работы автора 2	Mendeleev University of Chemical Technology of Russia
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Объект №22

Заголовок	TO THE THERMODYNAMICS OF COPPER-LEAD MATTE
Аннотация	<p>The article considers the behavior of iron and lead compounds and their effect on the oxygen content in copper-lead mattes. The substantiation is given for the statement that the consideration of copper-lead matte in the form of a quasi-triple Cu_2S PbS FeS system does not seem to be correct. When studying the thermodynamics of copper-lead mattes, it is necessary to take into account the oxygen content and the form of its presence in mattes. Such an approach allows the most comprehensive assessment of the behavior of copper, lead, arsenic and antimony in the process of converting copper-lead mattes. The oxidation mechanism of iron and lead sulfide and their mutual influence on the formation of wustite and magnetite are shown based on the results of thermodynamic analysis. The Gibbs energy of the oxidation reactions of FeS and PbS was calculated.</p>
Автор 1	Dosmukhamedov, N.K.
Место работы автора 1	Satbayev University, Almaty, Kazakhstan
Автор 2	Egizekov, M.G.
Место работы автора 2	Satbayev University, Almaty, Kazakhstan
Автор 3	Argyn, A.A.
Место работы автора 3	Satbayev University, Almaty, Kazakhstan
Автор 4	Zholdasbay, E.E.

Место работы автора 4	Satbayev University, Almaty, Kazakhstan
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Объект №23	
Заголовок	AUTOMATION OF A NUCLEAR MAGNETIC RESONANCE CONTROL SYSTEM OF THE SECOND-GENERATION ANALYZER
Аннотация	The paper describes the automatic control system of a Nuclear Magnetic Resonance (NMR) Second-Generation Flow Analyzer using the STK500 programmer, with firmware in the assembly language in the AT- mega8515 controller.
Автор 1	Kubango, B.E.M.
Место работы автора 1	Kazan State Energetics University
Автор 2	Kashaev, R.S.
Место работы автора 2	Kazan State Energetics University
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Объект №24

Заголовок

POSSIBILITIES OF AN OBJECT DIGITAL TWIN APPLICATION IN ORDER TO EXTEND AND PREDICT SAFE OPERATION RESOURCE

Аннотация

Maintenance and repair of equipment is one of the most important stages of equipment operating cycle, but at the same time, it requires special attention. Large number of plants were placed into service in the 1950s, which indicates the availability of outdated equipment and requirement for careful control in order to reduce accidents frequency. Currently, most enterprises of Russia use classic system of preventive maintenance based on planning and preventive focus, but this approach to maintenance is already outdated and not relevant. Its disadvantages are outdated standards, ignoring the actual working conditions and condition of equipment, quality of materials and spare parts, significant deviations of actual data from the planned operation. Today, another type of maintenance and repair systems is attracting special attention - providing for equipment maintenance according to its actual condition. Such maintenance and repair system leads to increased responsibility in matters of ensuring safe operation. Because of industry digitalization cyber physical systems are relevant, an example of which is digital twin. Its value is ability to control behavior and actual condition of an observation object, if necessary, to adjust a product, without high financial costs, to determine the most favorable operating conditions and modes in accordance with equipment state. These advantages, combined with situation in industry, makes the digital twin a promising method for maintenance and repair in order to extend and predict safe operation resource.

Автор 1	Abdrakhmanova, K.N.
Место работы автора 1	Ufa State Petroleum Technological University Ufa, Russia
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