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Поле	Значение
Объект №1	
Заголовок	THE PRACTICE OF USING AN INNOVATIVE DIGITAL PLATFORM FOR THE OPTIMAL TREATMENT OF CANCER PATIENTS
Аннотация	<p>One of the main tasks of digitalization of the Russian economy is the creation of industry-specific digital platforms based on various combinations of economic methods for processing large amounts of information in all spheres of society, including in the field of healthcare. This circumstance determines the relevance of this study in relation to cancer. The Onco Genotest company has developed an innovative digital platform, the functionality of which allows to determine the molecular genetic profile of the tumor and, based on it, select the optimal individual treatment regimens for patients with the goal of obtaining better results compared to traditional therapy. The innovative activity of the company is aimed at introducing into practice a personalized approach to the selection of specific methods of treatment of cancer patients. The results can be used in the diagnosis of cancer and the determination of methods for personalized therapy of cancer patients.</p>
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Объект №2	
Заголовок	COMPANY HUMAN CAPITAL DEVELOPMENT BASED ON OKR METHODOLOGY
Аннотация	The article is devoted to a new methodology of management and work planning of personnel of companies and enterprises of various industries - OKR. A brief description of the technique, its basic principles and features are presented. It is shown that OKR has an impact on the development of the human capital of the company as a whole and the professional competencies of each employee.
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Объект №3	
Заголовок	A STUDY OF THE SYSTEMIC RELATIONSHIPS OF STAFF TURNOVER IN EDUCATIONAL INSTITUTIONS WITH THE DEVELOPMENT OF INTELLECTUAL CAPITAL IN THE REGIONS
Аннотация	<p>This article explores the reasons for the turnover of teaching staff, shows the relationship between the dynamics of staff movement and the deterioration in the quality of training of students. The novelty of the study lies in the fact that with the help of a tripartite approach, a systematic relationship of educational processes with the formation of intellectual capital of the regions is shown. A causal relationship has been established between the turnover of young high school teachers and the formation of the intellectual potential of the regions. Empirical basis: a set of documents reflecting staff turnover in state educational institutions. Research methods: theoretical review and synthesis of scientific data, analysis of statistical data. When processing the results, methods of mathematical statistics were used. The result of the study is establishment of a direct relationship between the turnover of young secondary school teachers and the formation of intellectual capital in the regions. The study is of great practical importance for managerial practice in the formation and adjustment of measures aimed at reducing staff turnover, in particular, state educational institutions.</p>
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Объект №4	
Заголовок	CURRENT PROBLEMS OF WORK WITH THE TALENT POOL
Аннотация	At present, the work on planning, forming and developing a talent pool is an indispensable tool for the survival of a company in a competitive environment, as well as a possible resource that, with the right approach, can lead an organization to market leadership. The article analyzes the current problems of working with the personnel reserve and suggests options for solving them based on the experience of the most successful International Corporations.
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Объект №5	
Заголовок	THE INFLUENCE OF INTERNAL AND EXTERNAL FACTORS ON TRENDS OF THE SOCIO-ECONOMIC DEVELOPMENT OF THE RUSSIAN FEDERATION

Аннотация

Socio-economic transformations in Russia, their positive and negative trends are an important issue not only for the scientific community and authorities, but also for the entire population. Understanding exactly which factors have the greatest influence on improving the socio-economic situation in the country and the formation of accurate forecasts, allows not only to adapt, but also to find a number of advantages from the current situation within the state. The set of the advantages presented makes it possible not only to maintain a stable socio-economic situation within the country, which is undoubtedly important for its citizens, but also to attract foreign investors, which are an important source of stimulating the growth of the Russian economy. In this regard, the determination of the most significant factors affecting the trends of the socio-economic development of the Russian Federation is an extremely urgent problem. Methods. Mathematical modeling, correlation and regression analysis. Expected results. While analyzing the trends of the socio-economic development of the Russian Federation, it is necessary to consider a set of factors affecting these processes. There are many concepts for classifying these factors, however, for clarity, the most general typology was selected, which divides the entire population into 5 large groups: internal supply and demand factors, external supply and demand factors and other factors (which, for example, include changes in the legislative framework) 1. The expected result of this work is to identify the most significant combination of factors that have the greatest impact on the socio-economic development of Russia. The practical significance of the work. The results obtained in this article can help to adjust the economic policy of the Russian Federation by focusing primarily on those factors that have the greatest influence on shaping the stability of economic development. In addition, the study allows to study in detail how much, in fact, it is the internal factors that significantly affect the development of the economy in Russia.

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Объект №6	
Заголовок	THE MAIN TRENDS OF DEVELOPMENT OF MECHANICAL ENGINEERING IN MODERN RUSSIA
Аннотация	The authors emphasize the system-forming role of the machine-building complex in the national economy, the changes in specific weight of mechanical engineering in Russia, as well as its structure and main industries and also the key problems of mechanical engineering that do not allow it to implement innovative functions fully. The author argues for the need to modernize this industry as soon as possible, which will accelerate the pace and improve the quality of Russias socio-economic development.
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Объект №7	
Заголовок	EVALUATION OF THE PROSPECTS OF INNOVATIVE INVESTMENT PROJECTS IN THE ENERGY SECTOR
Аннотация	The article provides theoretical provisions and practical examples of technological forecasting in the context of planning and calculations efficiency indicators for energy enterprises. This method is recommended primarily for innovative projects because of methodological difficulties in predicting the results of the innovative component effect when planning innovations.
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Объект №8	
Заголовок	THE VALUE OF LAW IN RUSSIAN PHILOSOPHY OF LAW (B. A. KISTYAKOVSKY)
Аннотация	The article discusses the problems of philosophy of law the question of understanding the law in the system of value coordinates. On the example of the theory of B. A. Kistyakovsky, the contribution of the philosophy of the Baden school of neo-Kantianism to the substantiation of law as a formal value and cultural good is shown.
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Объект №9	
Заголовок	COMPARATIVE ANALYSIS OF SINO-RUSSIAN COOPERATION IN HIGHER SCHOOL PROJECT MODELS
Аннотация	<p>With the development of economic globalization, the internationalization of education has become a key development object in the development of education in various countries. As the main form of internationalization of education, cooperative school running directly determines the process of internationalization of education. This article visually analyzes the current status of Sino-Russian exchanges and cooperation in the field of education in the form of data. Taking the Sino-Russian cooperative education project as an example, the Moscow State Pedagogical University and the Moscow Art Department of Weinan Pedagogical University), A comparative analysis of the running models of the Russian International Class Program (Cooperative Running Mode: 2 2) of Moscow State Pedagogical University and Hebei Foreign Studies University. Summarize the experience of running a school, and put forward corresponding opinions to improve the quality of running a school.</p>

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Объект №10	
Заголовок	THE ROLE OF DISTANCE LEARNING TECHNOLOGIES IN TEACHING A FOREIGN LANGUAGE AT A UNIVERSITY
Аннотация	This article discusses the issues of popularization and implementation of distance learning in the process of teaching a foreign language at a university. The experience of foreign researchers on the use of electronic educational resources in technical education in the universities is presented. The experience of organizing blended learning a foreign language in the professional field on the basis of an electronic educational resource is presented. The author, taking into account the personal experience of teaching a foreign language to students of the Astrakhan State Technical University, specifies the conceptual apparatus of distance learning, notes the positive and negative aspects of this technology, and suggests ways to optimize teaching foreign languages in modern conditions.
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Объект №11	
Заголовок	SOCIO-PEDAGOGICAL SUPPORT OF INTERPERSONAL CONFLICTS AMONG TEENAGERS
Аннотация	This article discusses interpersonal conflicts of adolescents. In the study, under the social pedagogical support of conflict situations, a special type of interaction between teachers and schoolchildren contributes to the formation of flexible social behavior of pupils, necessary for constructive resolution of contradictions that arise in communication with peers.
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Объект №12

Заголовок	PREPARATION OF MASTER'S STUDENTS FOR PEDAGOGICAL ACTIVITIES IN EDUCATIONAL ECOSYSTEMS
Аннотация	The article is devoted to the preparation of masters students for the implementation of pedagogical activities in the conditions of educational ecosystems.
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Объект №13

Заголовок	DIGITALIZATION OF EDUCATION AS A CONDITION FOR THE TRAINING OF MASTERS
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Аннотация	<p>The relevance of the problem under study is due to the fact that the modern digital society has new requirements for the training of masters in the application and production of electronic educational materials, as well as the development of the capabilities of digital tools and services in the process of independent extraction and presentation of knowledge. The article is aimed at solving one of the problems of digitalization of education in the area of preparation 44.04.01 Pedagogical education (masters level) (masters program Information and Communication Technologies in Education). The paper presents the experience of training masters at the Faculty of Mathematics, Physics and Informatics, Federal State Budgetary Educational Establishment of Higher Education Dagestan State Pedagogical University, where the leading place is occupied by official electronic teaching materials in the disciplines of the variable part of the main professional educational program (MPEP) in the context of digitalization of education.</p>
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Объект №14

Заголовок	THE STRUCTURE OF RUNNING EXERCISES OF LONG JUMPERS AND ITS ROLE IN THE TRAINING PROCESS
Аннотация	The results of a biomechanical analysis of the main running exercises used in the training process of jumpers with a running start are presented, and the possibility of choosing them when planning, taking into account the existing differences in structure, is shown.
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Объект №15

Заголовок	DEVELOPMENT OF FLEXIBILITY OF CHILDREN ENGAGED IN TAEKWONDO
Аннотация	Physical education of children in taekwondo. The development of special physical qualities. The effectiveness of the use of specific exercises in increasing flexibility contributing to the growth of competitive activity of children involved in taekwondo.
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Объект №16	
Заголовок	«LONE WANDERER» OF RUSSIAN LITERATURE
Аннотация	The article considers the role of the Russian novelist of the 19th century Nikolai Semyonovich Leskov, who pushed his hard way into the big literature through a folk topic, the interpretation of which was not always positively evaluated by critics. In this regard, we attempted to analyze the early works of the writer. The authors substantiate the position that Leskov is a true Russian patriot, who was one of the first in Russian literature to show the national identity and Orthodox worldview of a Russian person.
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Объект №17	
Заголовок	LEXICAL INTERACTION OF THE MODERN GREEK LANGUAGE WITH GERMANIC AND ROMANCE LANGUAGES (WITH REFERENCE TO THE VOCABULARY OF ENGLISH, FRENCH AND MODERN GREEK LANGUAGES)
Аннотация	The article deals with the issues of lexical interaction of the modern Greek language with Germanic and Romance languages (represented by English and French). There were singled out two areas in which this lexical interaction is rather significant: the vocabulary related to food and drinks and the vocabulary used to designate objects and concepts of clothing, shoes, haberdashery and perfumery. The impact of Greek on Germanic, Romance and Slavic languages is given attention to. The issues of phonographic adaptation of French and English words in modern Greek are considered.
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Объект №18	
Заголовок	TRANSLATION OF PROPER NOUNS IN VIDEOGAMES IN ENGLISH-RUSSIAN LANGUAGE PAIR
Аннотация	The given article is devoted to the issues in translations of the onims functioning in the videogames area, from English into Russian. Authors have analyzed 5 type of translation of anthroponyms and toponimes: transliteration, transcription, transposition, loan translation, cultural adaptation. The conclusion is that for some elements it is not always possible to find an analogue in the translation language, therefore, units of approximately equal strength and value are used.
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Объект №19	
Заголовок	METALANGUAGE SUBSTANTIALITY GERMAN AND RUSSIAN FAIRY TALES
Аннотация	The article deals with the features of such type of German and Russian folklore as a fairy tale a literary work, which is heterogeneous in content and form. The peculiarities of its origin, the genetic relationship with myths, the formation of German and Russian linguocultural community in different epochs as well as the issues of its relevance in modern study are considered.
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Объект №20	
Заголовок	THE PERSON AS THE REPRESENTATIVE OF REGIONAL CULTURE OF TRANSBAIKALIA IN TERMS OF OBJECTIVISTIC APPROACH
Аннотация	in article the analysis of objective factors of formation of the personality in regional conditions of the Transbaikal culture is made. Formation of the personality is represented process in which at the same time typical and specific cultural contents in which aspects of daily culture, both material, and spiritual where norms, customs, values enter are reflected is expressed.
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Объект №21	
Заголовок	FROM "THE RISK SOCIETY" – TO THE SUSTAINABLE DEVELOPMENT MODEL
Аннотация	The issues of the transition of human civilization from a risk society to the noosphere by implementing the concept of sustainable development in the interpretation of N.N. Moiseev are considered.
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Объект №22	
Заголовок	THE BALANCE OF THREATS IN THE NATO-RUSSIA RELATIONS DURING THE POST-BIPOLAR PERIOD
Аннотация	The article considers the dynamics of the Russia-NATO military cooperation since the end of the Cold War, identifies the modification of bilateral cooperation prior to and following the reunification of Russia with the Crimea and Sevastopol. The common areas of interests creating a negotiation domain such as the reduction of offensive weapons and resistance to the audit of international agreement system between Russia and Member States of NATO are being stated.

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Объект №23	
Заголовок	THE ROLE OF THE UNITED NATIONS IN THE PROCESS OF SETTLEMENT OF THE SYRIAN CONFLICT
Аннотация	<p>One of the most important and controversial issues related to the Syrian settlement is the role of the United Nations (UN), designed to organize the interaction of members of the international community to resolve conflicts based on the principles of its Charter and international law. It is the UN that is the custodian and guarantor of such important principles as the sovereignty and independence of states, the renunciation of the use of force in international relations, and noninterference in internal affairs, recorded in the UN Charter. The founding countries of the United Nations, developing the legal framework of the Organization and looking ahead, tried to create a strong and durable foundation for a new world order that would ensure freedom and independence of peoples, outlawing war as a means of resolving interstate disputes. The basis of the new architecture of the world order was laid on the principle of sovereign equality of all peaceloving states. It was precisely its fulfillment that was supposed to guarantee peace and security, and it was he who remained the basis of modern international law. One of the key norms is noninterference in the internal affairs of states. Its observance guarantees a stable, progressive development of countries in the legal field, insures them from unconstitutional shocks and ultimately serves the interests of resolving the most acute global and regional problems</p>
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Объект №24	
Заголовок	DIGITAL SOCIETY AND BLOCKCHAIN TECHNOLOGIES
Аннотация	<p>The article discusses the prospects of using blockchain technology in the socio-economic sphere of the country in the aspect of their wide inclusion of the educational space. The increased attention of the state to the digitalization of various spheres of society requires the organization of targeted training in almost all areas, starting from pedagogical universities. The starting positions of blockchain technology, narrow and wide areas of its application are noted. The result of the analysis of technology levels was a condition to strengthen the fundamentality of mathematical training. The theoretical significance is determined by the direction of systematic studies of pedagogical ways of introducing blockchain technologies in educational institutions of different profiles and levels. This justifies the need to create educational programs that take into account the needs of specific specialists. The problematic issue of the lack of predictive assessments of the demand for the number of specialists associated with the use of blockchain technologies has been identified, which inhibits their systemic training. The considered pedagogical aspects, based on the practical experience of the authors, can be used to improve the elements of the educational process in the new digital environment of social development.</p>
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Объект №25	
Заголовок	ASSESSMENT THE MOTIVATIONS OF THE OLDER (VETERANS ATHLETES) FOR DOING KETTLEBELL SPORT
Аннотация	<p>Recent research has shown multiple motives for kettlebell sport participation derived from research on master (veterans) participants. The aim of this study was to provide insights into motives and specific aspects of the veteran kettlebell sports movement and to compare those findings with male and female veterans performing the same activity. The questionnaire was conducted with 26 veterans, comparing male veterans (40 75 years) and female veterans (35 65 years) at 9 and 17 participants respectively. A mathematical analysis (by average scores) was done on the survey results. The questionnaire contained 92 questions which were grouped in the 11 motives and needs. Both gender groups reported the significance of motives development of character and mental qualities and physical development. Conceivably, this survey results might help to engage a big number of older people in a healthy lifestyle, namely kettlebell sports.</p>

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Объект №26	
Заголовок	ANALYSIS OF THE DYNAMICS OF DEMAND FOR COMPETENCY CLUSTERS (MANAGERIAL, COGNITIVE, ACHIEVEMENTS AND ACTIONS) FOR MIDDLE MANAGEMENT

<p>Аннотация</p>	<p>Modern practice of entrepreneurial activity shows the almost complete absence of analytical studies on the dynamics of the demand for relevant competencies for middle management. At the same time, improving the organization of production at enterprises in various sectors of the economy determines the need for this kind of research to predict the demand for existing and the emergence of new competencies in the field of personnel assessment, in particular, middle managers. The main objective of this study is to develop a methodological procedure for the classification of competency models used in empirical studies to evaluate middle management and analyze the dynamics of trends in their demand on the part of enterprise management. The object of the study was the activity of middle management at enterprises in various sectors of the economy of one of the major cities of the Russian region. As the subject of the study, we selected the competencies of middle-level managers and an analysis of the dynamics of their demand over time. To achieve this goal, we selected the method of cluster grouping of competencies used in 12 models during assessment centers during 2015-2019 by analogy with the wellknown Spencer classification. In addition, a method of qualitative analysis was used to compare the names used by the authors and the content of competencies and their correlation with the corresponding competence clusters of the Spencers classification. As a result of an analytical study, the main content of the competencies used in 12 models during the assessment centers during 2015-2019 was revealed, their correlation was carried out according to the 3 clusters of Spencer competency classification. Tables of correlation of competencies by clusters have been compiled, allowing analysis of the authors competency models and to reveal the dynamics of their demand for clusters and time periods.</p>
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Объект №27	
Заголовок	ANALYSIS OF THE DYNAMICS OF DEMAND FOR COMPETENCY CLUSTERS (HELP AND SERVICE OF OTHERS, IMPACT AND INFLUENCE, PERSONAL EFFECTIVENESS) FOR MIDDLE MANAGERS

Аннотация

Modern practice of entrepreneurial activity shows the almost complete absence of analytical studies on the dynamics of the demand for relevant competencies for middle management. At the same time, improving the organization of production at enterprises in various sectors of the economy determines the need for this kind of research to predict the demand for existing and the emergence of new competencies in the field of personnel assessment, in particular, middle managers. The main objective of this study is to develop a methodological procedure for the classification of competency models used in empirical studies to evaluate middle management and analyze the dynamics of trends in their demand on the part of enterprise management. The object of the study was the activity of middle management at enterprises in various sectors of the economy of one of the major cities of the Russian region. As the subject of the study, we selected the competencies of middle-level managers and an analysis of the dynamics of their demand over time. To achieve this goal, we selected the method of cluster grouping of competencies used in 12 models during assessment centers during 2015-2019 by analogy with the well-known Spencer classification. In addition, a method of qualitative analysis was used to compare the names used by the authors and the content of competencies and their correlation with the corresponding competence clusters of the Spencers classification. As a result of the analytical study, the main content of the competencies used in 12 models during the assessment centers during 2015-2019 was revealed, their correlation was carried out according to 3 clusters of Spencers competency classification. Tables of correlation of competencies by clusters have been compiled, allowing analysis of the authors competency models and to reveal the dynamics of their demand for clusters and time periods.

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Объект №28	
Заголовок	CLINICAL PROTEOMICS: NEW TECHNOLOGICAL PLATFORM FOR DIAGNOSTICS OF DIABETIC KIDNEY DISEASE

Аннотация	<p>The aim of the study was to search for the relationship between standard indicators of renal function and expression intensity of new peptide and protein molecules in urine biosamples of patients with diabetes mellitus (DM) type 2 and diabetic kidney disease (DKD), which compiled molecular diagnostic profiles of urine for early detection, assessment of the progression of DKD and for the development of personalized treatment of DKD. The method of diagnosis and personalized treatment of DKD, including new technological platform for identifying of the subject as having DKD, an increased risk of developing DKD, or having no DKD or increased risk of developing DKD, where the measurement corresponds to measurements of at least one biomarker in samples from subjects. We spent personalized selection and use of hypoglycemic drugs depending on the patient being assigned to one of the groups - DM type 2, DN and CKD C 1-3a or DM type 2, DN and CKD 3b-5, characterized by molecular profile options urine.</p>
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Объект №29	
Заголовок	DATA PROCESSING AND DECISION MAKING IN PSYCHIATRY BASED ON THE ANALYTIC HIERARCHY PROCESS
Аннотация	<p>Modern approaches to solving the main problems of data processing and decision-making related to the diagnosis, classification of psychopathological conditions, treatment and rehabilitation of patients in psychiatry are based on the integration of clinical, psychometric, social and neurobiological characteristics of patients 1. The fundamental heterogeneity of data hinders the correct coordination and integration of research results within these approaches. From the point of view of measurement theory, the characteristics of patients are determined using the corresponding measurement scales: psychometric (non-numeric) scales and relationship scales (numeric). Therefore, it is impossible to use even the simplest statistical operations to obtain integrated, correct models for evaluating patients states, and there is no basis for making informed decisions (see, for example, 2-3).</p>
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Объект №30	
Заголовок	THE IMPACT OF THE MEAL SEQUENCE ON THE COMPENSATION OF TYPE 2 DIABETES
Аннотация	The article presents the results of the study of the impact of meal sequence on the improvement of the parameters of carbohydrate exchange in Uzbek patients with type 2 diabetes.
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Объект №31	
Заголовок	ASSESSMENT OF PHYSICAL DEVELOPMENT, BODY COMPOSITION AND LIPID PROFILE IN ADOLESCENTS
Аннотация	<p>We studied the indicators of physical development (PD), component composition of the body and lipid profile in healthy adolescents of 10-17 years old, living in Vladivostok. Children with health groups 1 and 2 were examined, divided by age into groups: I (7-9 years old) - 202 people, II (10-14 years old) - 221 people and III (15-17 years old) - 601 people. Conducted: PD assessment by centile method, quantitative assessment of body components by bioimpedanceometry (BIM) on the apparatus Diamond - Stork (St. Petersburg), biochemical parameters were determined (on an automatic biochemical analyzer MIN-DRAY BS-200): glucose, total cholesterol (TC), triglycerides (TG), high density lipoproteins (HDL) and low density (LDL), etc. Statistical processing of the material was carried out using specialized research application packages (Excel 2010 and Statistica 6.0, 8.0). In 48.9% of children and adolescents of the study group, a harmonious PD was diagnosed. In 1/3 of boys in all age groups and in 26.1% of girls - in group II, disharmonious due to excess body mass (BM) was revealed, in 35% of cases in girls 15-17 years old (group 3) PD was disharmonious due to BM deficiency. An AC/BH index above 0.5 was diagnosed in 2 of girls and 4 of boys in the study sample and reflects a tendency toward gracification. It was proved that in addition to age and gender, they are most susceptible to deviations from the average BM, BH, OT, BFM, LBM, PACM, TW, XC, LDL, TG (LBM, ECL, PACM prevailed in boys (p<0.001), in girls - BFM, LBM, TW, ECL (p<0.001)). When analyzing the lipid profile, significant (p<0.05) age-gender differences were revealed between girls and boys in group II and III in terms of LDL and TC and in children of group I in terms of TP. A wide range of range of indicators was revealed at various age periods with a tendency to increase TC, TP (in the group of boys) and LDL (mainly in the second age group).</p>

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Объект №32	
Заголовок	MULTIPLE SCLEROSIS. POSSIBLE OPTIONS FOR THE ONSET OF THE DISEASE IN A CLINICAL EXAMPLE

Аннотация	Multiple sclerosis (MS) is a neurological problem of great socioeconomic importance, as it develops mainly in young and middle-aged people and, in the absence of timely and adequate treatment, leads to the formation of severe neurological deficit and early disability of patients in the first year after diagnosis. The clinical manifestations of MS are diverse and the well-known slow onset and development of the disease are not always found. A variety of clinical forms and options for the onset of MS, an increase in the age interval for debut, various rates of disease progression indicate different mechanisms for the development of the demyelinating process and thereby increase interest in studying the clinical features and pathogenetic mechanisms of the development of this pathology.
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Объект №33	
Заголовок	3-D MODELS OF HAIR CELLS OF STAMENS FILAMENTS OF TWO SPECIES OF TRADESCANTIA (TR. PALLIDA AND TR. BLOSSFELDIANA)
Аннотация	Based on the 3DMax Studio (2009) program, an original method was developed for constructing 3-D models of stamen filament hair cells (SHC) of Tradescantia. This made it possible not only to create a three-dimensional image of cells, but also to obtain their stereometric characteristics (surface area of cells and their volume). The morphometric characteristics of live (unfixed) SHC of two species of Tradescantia (<i>T. pallida</i> and <i>T. blossfeldiana</i>) were studied. It was shown that cell elongation plays a significant role in the growth of SHC, especially strongly in the basal cells of SHC <i>Tr. blossfeldiana</i> . In this regard, SHC of <i>Tr. blossfeldiana</i> may be an interesting model for the analysis of the mitotic cycle and cell espancing mechanisms under normal conditions and after the influence of biotic and abiotic factors.
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Объект №34

Заголовок	MANAGEMENT OF HISTORICAL RESIDENTIAL DEVELOPMENT PROJECTS
Аннотация	This article analyzes the foreign and domestic strategies for the preservation and enhancement of the historical urban environment. The article also analyzes programs to preserve the historical urban environment. A program for the conservation and enhancement of historical residential development is proposed. The article discusses the effectiveness of the conservation and enhancement program of historical residential development, as well as the factors and risks that affect the efficiency and effectiveness of the conservation and enhancement of the historical residential development program.
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Объект №35

Заголовок	INFLUENCE OF SHEET MATERIAL THICKNESS ON THE QUALITY OF THE CUTTING SURFACE DURING NARROW-JET AIR-PLASMA CUTTING OF CARBON STEEL
Аннотация	<p>The features of structure formation in the zone of thermal influence (ZTI) formed during plasma cutting of St3ps steel sheets are considered. It is shown that when cutting a steel sheet with a thickness of 40 mm with a narrow-jet plasma torch PMVR-5.3, the ZTI is less than 400 m, and at a thickness of 36 mm more than 1 mm. When cutting steel of large thickness, there is also an increased carburization and an increase in the hardness of the surface layer, an increase in the surface roughness parameters. The results of the research allow us to conclude that the developed PMVR-5.3 plasma torch is able to produce a sufficiently high-quality cutting of sheet steel up to 40 mm thick or more. However, butt welding after plasma cutting without pre-machining can be performed with a steel thickness of no more than 20 mm.</p>
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Объект №36	
Заголовок	ANALYSIS OF THE EFFICIENCY OF PLASMA AFTERBURNING FOR GASEOUS PRODUCTS OF HAZARDOUS WASTE PROCESSING
Аннотация	<p>The technology of neutralization of hazardous waste products with the use of arc-type plasma generators has been developed and studied. It is proposed to introduce plasma torches at the stage of afterburning of gaseous products of hazardous waste processing. The problem of neutralization of supertoxicants (dioxins), as well as nitrogen oxides in the process of thermal processing of household and industrial waste is analyzed. Temperature approximations of the decomposition time of dioxins in the range of plasma heating temperatures are found. Criteria for the efficiency of plasma heating and neutralization are introduced. A modernized design of the plasma torch for utilization of gaseous products of hazardous waste is proposed. Gas-dynamic parameters of the air-plasma flow in the mixing chamber of the plasma torch for environmental technologies are determined. The characteristic temperatures, speeds and times of heating of the disposed gases in the mixing chamber are determined.</p>
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Объект №37	
Заголовок	CALIBRATION OF VIDEO SURVEILLANCE SYSTEMS USING MULTIDIMENSIONAL INFORMATION REPRESENTATIONS
Аннотация	A technique for calibrating images from various cameras is proposed. As calibration, reference images (stencils) for each color channel (layer) are used. A statistical approach to image processing is proposed, with a multidimensional vector representation of information. To obtain the calibration vector, moments of multidimensional distribution of the representation of the samples are used. The proposed technique can be used for various color coding of images containing not only three layers, but also a larger number of layers. The rationale for the required sample sizes to obtain a calibration vector is given.

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Объект №38	
Заголовок	ANALYSIS OF GEOMETRIZATION IN THE MICROMINE SOFTWARE ENVIRONMENT AT THE NATALKA GOLD DEPOSIT
Аннотация	This article is devoted to assessing the correctness of geometrization in the Micromine software environment, through an analysis of the allocation of ore intervals, an assessment of the reliability of the geological contouring model, and an analysis of the results of reserves estimation.
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Объект №39

Заголовок	IMPROVING THE DESIGN OF MILK SEPARATORS
Аннотация	This article discusses the physical characteristics of milk, in particular milk fat balls equipment for cleaning and separating milk, their types and design features scientific views on the problem of universalization of centrifugal separators-purifiers and separators methods for solving research and design of multi-purpose universal separators that ensure the efficiency of separation and stability of the interstitial flow of milk in a centrifugal spiral separator. The possibilities of improving the design of separators are suggested.
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