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**January 16, 2020 - Part 2**

Поле	Значение
<b>Объект №1</b>	
Заголовок	MODERN INDICATORS, METHODS AND PRINCIPLES OF INEQUALITY PREVENTION
Аннотация	The article explores modern indicators that reflect inequality at the macro level. The Lorenz curve, Gini index and other indicators are considered. The methods and principles of preventing inequality are analyzed.
Автор 1	Kalandarov, O.S.
Место работы автора 1	Bachelor Financial University under the Government of the Russian Federation Moscow
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<b>Объект №2</b>	
Заголовок	GENESIS OF THE ECONOMIC CONCEPT "INEQUALITY": HISTORICAL AND MODERN ASPECTS

Аннотация	The article analyzes the theoretical aspects of the study of inequality. The essence and content of the economic category of inequality are considered. The causes of inequality, the role of government, rentseeking, the impact of inequality on macroeconomics and society are investigated.
Автор 1	Kalandarov, O.S.
Место работы автора 1	Bachelor Financial University under the Government of the Russian Federation Moscow
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Объект №3	
Заголовок	ECONOMIC SYSTEM BASED ON INTERNATIONAL OUTSOURCING
Аннотация	The article is devoted to organizational and economic systems based on international outsourcing. A model of the economic system based on the goals and needs of the participants in the chain of creating the final value is proposed. The author points out that the proposed approach does not deny the use of subsystems based on a functional feature, but allows constructing economic network structures taking into account the need for structural coordination, as well as the presence of the general and private goals of the participants in the final value chain, which, according to the author, distinguishes an economic system based on international outsourcing from any other networked economic system.

Автор 1	Komarov, S.M.
Место работы автора 1	Postgraduate Tula State University
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Объект №4	
Заголовок	THE ESSENCE AND CONTENT OF THE BASIC INNOVATIVE CONCEPTS
Аннотация	The article reveals the content and essence of innovative concepts. The significance of innovation is analyzed. Correct interpretation and comparison of the concepts of innovation, innovation and tradition. The article formulates the main views. Given the process of change in different areas of life, these views can be considered as an indicator of innovation, if their content is common in practice and new opportunities are created to meet changing human needs.
Автор 1	Mamedova, I.O.
Место работы автора 1	Azerbaijan State Pedagogical University
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Объект №5	

Заголовок	USE OF MULTIMEDIA PRESENTATION AT FOREIGN LANGUAGE LESSONS FOR THE PURPOSE OF DEVELOPMENT EDUCATIONAL - COGNITIVE COMPETENCE
Аннотация	The article highlights the features of using multimedia presentation in foreign language lessons, the conditions for its use in order to develop educational - cognitive competence are analyzed. The process of development, creation of multimedia presentations and their capabilities in the field of education and formation of interest in the subject among students is under review.
Автор 1	Kniazev, N.Y.
Место работы автора 1	Krasnoyarsk State Pedagogical University named after V. P. Astafyev
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<b>Объект №6</b>	
Заголовок	COMPETENCE APPROACH IN THE MECHANISM OF FORMATION OF MORAL QUALITIES OF A POLICE OFFICER

Аннотация	The article discusses the concept of educational work implemented in the system of departmental education. The issue of integrating the processes of training and education at the faculties of educational institutions of higher education under the jurisdiction of the Ministry of Internal Affairs of Russia is actualized. Attention is focused on the development of professional competencies and moral qualities of a qualified specialist, subject to the introduction of modern pedagogical technologies in the organization of everyday activities of cadets of the educational organization of the Ministry of Internal Affairs of Russia. The competency-based approach is seen as a tool for the formation of sustainable moral regulations necessary for the performance of official duties by police officers.
Автор 1	Erdniev, A.S.
Место работы автора 1	Institute of Public Administration and Management of the the Russian Presidential Academy of National Economy and Public Administration
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Объект №7	
Заголовок	TO THE ISSUE OF SOCIAL-PEDAGOGIC ACTIVITY WITH PROBLEM TEENAGERS IN SUPPLEMENTARY EDUCATION ESTABLISHMENTS

Аннотация	The article deals with issues of social-pedagogic activity in extra-curricular establishments with problem teenagers. There have been notions supplementary education, social activity, pedagogic activity, social-pedagogic activity, problem teenagers determined in the article. The authors point out aims, prior directions, principles and specific features of social-pedagogic activity with problem teenagers in supplementary education establishments.
Автор 1	Ivanenko, M.A.
Место работы автора 1	Associate Professor of Management of social and educational work department Ural state pedagogical university Yekaterinburg, Russia
Автор 2	Ufimtseva, O.V.
Место работы автора 2	Associate Professor of Advertising and PR department, Ural state pedagogical university Yekaterinburg, Russia
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Объект №8	
Заголовок	DEVELOPMENT OF A PROGRAM OF HEALTH-CREATING ACTIVITIES OF PRIMARY SCHOOL STUDENTS

Аннотация	The article is devoted to the problem of formation and development of values guidelines for health-creating behavior in younger students. The article presents the program of design of health-creating activity of pupils, the characteristic of it is given content modules and aspects of their implementation.
Автор 1	Novolodskaya, E.G.
Место работы автора 1	Associate Professor of the Department of pedagogy and psychology The Shukshin Altai State Humanities Pedagogical University
Автор 2	Elitnaya, D.A.
Место работы автора 2	he Shukshin Altai State Humanities Pedagogical University
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<b>Объект №9</b>	
Заголовок	THE PHENOMENON OF HORTATIVE HASHTAGS AND THEIR AFFORDANCES ON INSTAGRAM

Аннотация	The article touches upon the usage of hashtags on social network of Instagram. The phenomenon of a hashtag is being discussed as well as its functions, forms and linguistic structure. The conducted study of the affordances of the Instagram hashtags within the continuous sampling and statistic analysis methods has shown that the Instagram users include as many hashtags as possible into the media text to promote the publication. The authors of the current article suggest naming such hashtags - hortative hashtags. Hortative hashtags are used on Instagram in different forms according to their affordances, users intentions, functions and structure. The classifications of the hashtags by their form, affordances, motivation type and functions are being presented in the paper. The results of the study might be useful for linguists, marketologists and others who study media texts and digital discourse
Автор 1	Pozhidaeva, E.V.
Место работы автора 1	The Pushkin Russian Language Institute
Автор 2	Aleksenko, A.V.
Место работы автора 2	The Pushkin Russian Language Institute
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Объект №10	

Заголовок	B. WERBER 'S NEOMYTHOLOGICAL WORKS IN THE CONTEXT OF FRENCH POSTMODERNISM
Аннотация	This article is a linguocultorological study within the framework of literature and philosophy of language. Based on the works of postmodernism theorists, the concepts of myth and neomyth are distinguished, and a definition of postmodern simulacrum is given. The role of neomyth in the work of postmodern French writer Bernard Werber is found. Special attention is paid to the peculiarities of the artistic organization of the neomithological text in the novels Tanatonautes, Empire of Angels, We, Gods, Breath of Gods, Mystery of Gods, Encyclopedia of Relative and Absolute Knowledge.
Автор 1	Beley, M.A.
Место работы автора 1	the Institute of Humanities Immanuel Kant Baltic Federal University Kaliningrad, Russia
Автор 2	Ieronova, I.Y.
Место работы автора 2	Doctor of Pedagogical Sciences Professor of the Institute of Education Immanuel Kant Baltic Federal University Kaliningrad, Russia
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Объект №11	
Заголовок	TOLERANCE IS IN GLOBAL PRACTICES OF CONTEMPORAITY

Аннотация	In the article the problem of tolerance is analysed in her sociallyphilosophical foreshortening. An author investigates nature of tolerance in the system of difficult interconfessional communications.
Автор 1	Karipbayev, B.I.
Место работы автора 1	Professor Karaganda State University named after E.A. Buketov
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Объект №12	
Заголовок	IT IS IMPOSSIBLE TO TURN BACK THE COURSE OF HISTORY

## Аннотация

The situation in the world in the 2020s is very similar to that of 1920s, when on the wave of the struggle against communist threat the far- right forces came to power in the defeated countries, plunged the world into the abyss of a new disastrous war. Collapse of the Soviet Union, the Eastern Europe's countries departure from socialist path of development, the instant break-up of the socioeconomic and political relations developed over fifty decades and integrated many of them, gave rise to a deep common crisis, even more dangerous than the World crisis of the 1920s and 1930s. As then, nationalist forces with a tendency to grow them into Nazi came to power in all parts of the disintegrated unions and federations. The rabid criticism and condemnation of the hated to them socialism and communism logically leads to the rapprochement of their views and policies with those condemned by the International Tribunal in Nuremberg. The Russian anticommunist authorities also went down this path. It seems that they are trying to return the multinational Russian society to the times of not even wild capitalism, as some of its researchers believe, but to the times of transition from feudalism to capitalism with absolutist regimes of power. In the XXI century, when the social system based on the principles of human rights, democracy and the rule of law is considered corresponding the era, an issue of the ideal ruler of the future is discussed in Russia's ruling circles. A certain enlightened journalist asks: Has Putin decided with his successor Putin is thinking about preparing a successor from morning to evening, the president's spokesman informs. The news the president, the prime minister, etc. have allocated billions of rubles to someone Putin forgave 20 billion dollars of debt to Africa are taking for granted. Had they committed this action from their own means or at the expense of the people and without their consent Roughly breaking the oath to defend the constitution, the President declares before the world of the needless for the country in a representative body of the people. The report provides authors' understanding of the reasons for such behavior of authoritarian power, as well as recommendations of ways of legal support of the republican system.

Автор 1	Mutagirov, D.Z.
Место работы автора 1	Professor of International Political Process St. Petersburg State University, Russia
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<b>Объект №13</b>	
Заголовок	FREDERIC WILLIAM MAITLAND AND “THE RUSSIAN ENGLISHMEN”: THE SCIENTIFIC, INTELLECTUAL AND FRIENDLY CONTACTS OF THE HISTORIANS
Аннотация	The article deals with analysis of scientific, intellectual and friendly contacts of F.W. Maitland, P.G. Vinogradoff and A.N. Savin, and is based on the study of F.W. Maitland’s letters to P.G. Vinogradoff and British and Russian historiography of the problem. Its purpose is to reveal the role of P.G. Vinogradoff in the determining of the scientific fate of F.W. Maitland. F.W. Maitland considered himself a disciple of P.G. Vinogradoff, A.N. Savin - a disciple of F.W. Maitland.
Автор 1	Sidorova, T.A.
Место работы автора 1	Doctor of Historical Sciences, Associate Professor, Department of World History, Sochi Institute (affiliated branch) of Peoples’ Friendship University of Russia

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<b>Объект №14</b>	
Заголовок	MUSIC PEDAGOGY OF ANCIENT RUSSIA
Аннотация	The traditions of the training of church singers were formed in ancient Russia in the 11th century. They can be judged from the materials of manuscripts, starting from the 15th century - on the basis of musical-theoretical guides actively developing until the end of the 17th century. They reflected in various forms the singing material and pedagogical techniques that were used in the training of performers.
Автор 1	Guseinova, Z.M.
Место работы автора 1	Saint Petersburg Conservatory, Russia
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<b>Объект №15</b>	
Заголовок	ALGORITHM OF DUPLEX ULTRASOUND OF VASCULAR ACCESS FOR HEMODIALYSIS

Аннотация	<p>Purpose of the study. To design the algorithm of vascular access for hemodialysis ultrasound examination. Materials and methods. Duplex ultrasound was performed in 54 patients before vascular access creation and in 146 patients with functioning access. Inflow artery, anastomosis, outflow vein were evaluated, vessels diameters, peak systolic velocity and access flow were measured. Results. In 9.3 of patients forearm vessels of non-dominant arm were unsuitable for vascular access creation, that caused access formation on dominant arm, in 13.0 proximal fistula was created. Anastomosis diameter of failing to mature fistulas was 2.20.3 mm. Adequate access functioning was observed in fistulas with access flow of 600-1500 ml/min and 800-1700 ml/min in grafts. Complications were detected in 43.8 of patients, stenosis in 19.9, outflow vein thrombosis in 13.0, aneurysmal dilation in 8.2, hand ischemia in 2.7. Discussion. Artery with a diameter more than 2.0 mm and vein at least 2.5 mm with its depth of no more than 5-6 mm suit for creating vascular access. Minimal access flow that can provide effective hemodialysis is 350-400 ml/min, optimal greater than 600 ml/min in fistula and 800 ml/min in graft. Criteria for stenosis are peak systolic velocity in the stenotic zone more than 400 cm/s, the ratio of peak systolic velocity in the pre-stenotic and post-stenotic zones more than 2.0 and the access flow decrease. Causes of steal syndrome are inflow artery stenosis, excessive access flow due to big anastomosis diameter and pathology of hand microcirculation. Conclusion. As a result of the study the algorithm for duplex ultrasound of vascular access for hemodialysis was designed.</p>
Автор 1	Zakhmatova, T.V.

Место работы автора 1	North-West State Medical University named after I. I. Mechnikov, Saint Petersburg, Russia
Автор 2	Koen, V.S.
Место работы автора 2	North-West State Medical University named after I. I. Mechnikov, Saint Petersburg, Russia
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<b>Объект №16</b>	
Заголовок	SICAM-1 AND SVCAM-1 IN CHILDREN WITH TYPICAL HEMOLYTIC UREMIC SYNDROME
Аннотация	Serum concentrations of soluble adhesion molecules sICAM-1 and sVCAM-1 were determined in children with typical hemolytic uremic syndrome (tHUS) and in children with a history of tHUS. Correlations of these markers with a number of laboratory characteristics of thrombotic microangiopathy activity, inflammation and severity of renal injury were assessed. The results showed that serum concentrations of sICAM-1 are lower and sVCAM-1 are higher in children with acute tHUS than in children with a history of tHUS. But the prognostic value of these markers still remains unclear.
Автор 1	Moskalets, O.V.
Место работы автора 1	Moscow Regional Research Clinical Institute named after M.F.Vladimirskij

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<b>Объект №17</b>	
Заголовок	ENVIRONMENTAL SUSTAINABILITY OF SOIL HUMIC SYSTEM
Аннотация	The paper deals with conception of environmental sustainability (ES) of the system of humic substances at example of main automorphic soil types of Western Siberia. The main problem in studies of ES consists in determination of its most informative criteria. Besides the bioclimatic indices, the characteristics of humus such as its total content, type of humus and degree of humification of organic matter were ascertained to be included into the number of obligatory criteria of ES. At the same time, some molecular characteristics of humic acids were also proposed in the study of their ES. The most representative data on ES are obtained at simultaneous study of virgin and arable soils.
Автор 1	Klenov, B.M.
Место работы автора 1	Institute of Soil Science and Agrochemistry of Siberian Branch of Russian Academy of Sciences Novosibirsk
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## Объект №18

Заголовок	WATER RESOURCES OF TAJIKISTAN. «THE PEARL OF TAJIKISTAN IS THE GLACIER FEDCHENKO!»
Аннотация	<p>In this article I want to continue my story about the Fedchenko glacier, where I spent several years of my life and scientific work. Participating in many international conferences in Russia, China, Germany and the near abroad, the invariable theme of the speech was Fedchenko glacier, which I call The Pearl of Tajikistan. Back in the thirties of the last century, scientists considered that the construction of a stationary facility in the center of the glacier would allow obtaining unique scientific material. The constructed meteorological station has already turned more than 80 years old, but since 1994, the weather station is on conservation. All scientific work is stopped. I think the material, which will be discussed in this article, and now remains relevant.</p>
Автор 1	Raufov, R.N.
Место работы автора 1	Head of the Department of Physical Geography Sadriddin Aini Tajik State Pedagogical University
Автор 2	Davlyatov, R.R.
Место работы автора 2	National expert of the project quoHEIGE quot (UNESCO) Agency for Hydrometeorology.Participant of four expeditions on the Fedchenko glacier, Tajikistan.
Автор 3	Kulmatova, L.S.

Место работы автора 3	of Physical Geography Tajik State Pedagogical University named after Sadriddin Aini
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Объект №19	
Заголовок	EXPERTOPEDIA AS A MEANS OF DEVELOPING A BANK OF ENGINEERING KNOWLEDGE
Аннотация	<p>Currently, artificial intelligence technologies have begun to attract special attention at the state level. The development of artificial intelligence technologies will make quick and optimal decisions based on the analysis of large amounts of data, and will also give great advantages in the quality and effectiveness of engineering design and production management. The foundation of artificial intelligence is knowledge. Knowledge is initially classified according to the attributes clarity, accessibility, propositionality and level of abstraction. To build a bank of engineering knowledge, on the basis of clarity, knowledge must be explicit, on the basis of accessibility, interorganizational, on the basis of propositionality, active, and on the level of abstraction, common. There are two categories of knowledge - passive and active. Passive knowledge is text documents stored in books, methods, and the like. To transform this knowledge into artificial intelligence systems, a highly efficient technology is needed that allows knowledge carriers to create knowledge bases without the involvement of programmers. This technology is described in this article.</p>

Автор 1	Evgenev, G.B.
Место работы автора 1	Bauman Moscow State Technical University,
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Объект №20	
Заголовок	HEALTH BENEFIT OF HUMAN STAY IN THE SALT MINE IS CONDITIONED BY A LOW BACKGROUND LEVEL OF ATOMIC RADIATION
Аннотация	Currently, the Health benefit of people staying in salt mine is explained by the fact that people inhale salt spray. In the article on the basis of experimental research it is proved that this Health benefit is the result of super-small levels of atomic radiation observed in the space of mine.
Автор 1	Zavorotny, A.G.
Место работы автора 1	State Fire Academy of EMERCOM of Russia Moscow, Russia
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Объект №21	
Заголовок	MULTI-LAYER COATINGS TI-CU

Аннотация	In this work, we used the cathodes Ti and Cu. The coatings were deposited on the steel samples by the ion-plasma method on the HNB-6.611 vacuum unit while simultaneously spraying the above cathodes. Multi-layer coatings were created as follows: Ti was applied for 2 minutes, then TiCu for 2 minutes. A total of 100 layers were applied in an atmosphere of argon and nitrogen. The Ti-Cu-N coatings synthesized by us possessed hardness with an average value of up to 32 GPa, an elastic modulus of 400-550 GPa, a degree of elastic recovery of 0.69, and a plasticity index of about 0.15, which in terms of parameters is one of the best examples among the well-known hardening coatings.
Автор 1	Yurov, V.M.
Место работы автора 1	Candidate of Physical and Mathematical Sciences, Associate Professor SIC Director
Автор 2	Zhanabergenov, T.K.
Место работы автора 2	Candidate of Physical and Mathematical Sciences, Associate Professor Senior Research Officer
Автор 3	Guchenko, S.A.
Место работы автора 3	PhD student Karaganda State University named after EA. Buketov, Kazakhstan, Karaganda
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