

Регистрационные данные DOI: **Process Management and Scientific Developments**
November 30, 2019 - Part 1

Поле	Значение
Объект №1	
Заголовок	INTELLECTUAL CAPITAL IN THE CONDITIONS OF FORMATION AND DEVELOPMENT OF INNOVATIVE ECONOMY OF RUSSIA
Аннотация	The relevance of the proposed study is determined by the fact that the use of intellectual resources as a factor of production is complementary and leads to a decrease in the consumption of other factors of production. At the same time, there is a transition from the traditional industrial economy on the basis of tangible property objects as the basic source of added property to intangible objects that form the knowledge economy (or neoeconomy). It is these processes that the domestic economy should characterize today, which determines the relevance of developing a single concept for the formation and use of intellectual capital in an innovative economy.
Автор 1	Abuzjarova, M.I.
Место работы автора 1	Associate Professor Samara State University of Economics
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Объект №2

Заголовок	FINANCIAL ACCESSIBILITY AS A WAY TO PREVENT SMALL BUSINESS BANKRUPTCY
Аннотация	Small business implements a whole range of sustainable development tasks. However, it is small business that is experiencing increased bankruptcy risks due to limited access to finance. Financial accessibility has the tools to expand the participation of small businesses in achieving the goals of the 2030 Agenda. The article discusses these tools.
Автор 1	Kruchinina, N.V.
Место работы автора 1	Finance and Transport Management Russian University of Transport, Moscow
Автор 2	Kruchinin, N.P.
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Объект №3

Заголовок	CALCULATION AND PLOTTING 3D FIGURES OF VARIABLE X4SU FOR PARAMETER Ssu
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Аннотация	Here is reviewed a practical issue of making calculations to obtain a value of the X4su variable, to which end are used X1, X2, X3 variables and the Ssu parameter. The values of the X4su variable obtained allow to identify limits within which they can exist.
Автор 1	Pil, E.A.
Место работы автора 1	Professor State University of Aerospace Instrumentation SaintPetersburg, Russia
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Объект №4	
Заголовок	THE COMPARATIVE LEGAL CHARACTERISTICS OF CRIMES, ENCROACHING ON THE HONOR AND DIGNITY OF THE INDIVIDUAL
Аннотация	The article analyzes the norms of the criminal codes of a number of foreign countries, providing for liability for defamation, which is recognized as criminally punishable. In our opinion, it seems necessary to take into account the foreign experience of the criminal law regulation of liability for defamation when changing domestic legislation, at the same time, a comparative analysis of the penalties for defamation in foreign legislation is carried out, thanks to which it is possible to draw a conclusion on the assessment by the legislator of the degree of its public danger in a particular country.

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Объект №5	
Заголовок	CRIMINAL PENALTIES ALTERNATIVE TO IMPRISONMENT IN THE CRIMINAL LEGISLATION OF THE CONTINENTAL LEGAL FAMILY
Аннотация	The article discusses the foreign experience of the appointment and execution of a fine as a criminal punishment. Based on an analysis of the laws of the Federal Republic of Germany, France, Austria, Belgium, Norway, and Switzerland, the author comes to the conclusion that it is necessary to improve the Russian criminal law regarding the application of criminal penalties alternative to imprisonment.
Автор 1	Skorik, E.N.
Место работы автора 1	Head of Magistracy Department Rostov Institute of Entrepreneur Protection RostovonDon, Russia
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Объект №6	
Заголовок	SAVIORS OF THE PEASANTRY: WHOM AND FROM WHOM TO SAVE?
Аннотация	<p>In the article on the example of one of the issues is the option of training teachers to organize discussion of controversial issues in the classroom is not in the form of a talk show based on emotional perception and scientific debate based on arguments. The effect of persuasiveness provides an opportunity to compare these two types of discussion in practice and independently determine their pros and cons. The authors offer tools that facilitate the work of the participants of the discussion, and allows to draw conclusions not on the basis of the principle of like do not like, but on the basis of objective data obtained experimentally. Despite the attachment to the problems of historical science, the proposed version can be successfully used in the discussion of any issues, adjusted for a special context. The material can be useful for teachers of secondary schools, teachers of secondary and higher educational institutions of pedagogical profile in the development of their own programs for the study of controversial issues of science in the framework of the taught training course. In addition, students and students can use it in preparation for a class discussion. The article takes into account the experience of work at the Department of history, social science and economics of the Novosibirsk Institute of advanced educators training and retraining.</p>
Автор 1	Varyuschenko, V.I.

Место работы автора 1	municipal budget educational institution secondary school 26 Novosibirsk, Russian Federation
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Объект №7	
Заголовок	MENTORING IN VOCATIONAL EDUCATION
Аннотация	The purpose of the article is to show the problems of mentoring in the modern system of vocational education. The research material was the World Championship of working professions WorldSkills, which was held in Kazan in August 2019. Using survey methods, interviewing championship participants, mentors, tutors, and mentors, it was found that not all of them know and use theory and methodology in their work vocational education. The results of the study convince a certain connection between the professional competence of mentors and the successes (or failures) of their students.
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Объект №8	
Заголовок	ORGANIZATION OF PRACTICAL TRAINING AT THE BASIC DEPARTMENT AS A CONDITION FOR THE FORMATION OF COMPETITIVENESS OF UNIVERSITY GRADUATES
Аннотация	This article is devoted to the organization of practical training at the basic department through personality-oriented educational practices of university students. This form of conducting educational practices is considered as a condition for the formation of competitiveness of a university graduate. The experience of interaction with employer enterprises is analyzed.
Автор 1	Konoplyansky, D.A.
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Объект №9

Заголовок	PROJECT ACTIVITIES AS A MEANS OF IMPROVING THE PROFESSIONAL COMPETENCE OF FUTURE TEACHERS
Аннотация	The article reveals the essence of students project activities at the present stage of education. The significance of project activities as the main means of developing the professional competence of future teachers is substantiated. The author carried out a comparative analysis of the content of basic concepts, identifies the components of project activities.
Автор 1	Lipinskayte, M.A.
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Объект №10

Заголовок	THE CONCEPT OF “LANGUAGE IMAGE” IN AN ENVIRONMENTAL DISCOURSE FIELD
Аннотация	Analyzing researches in the field of linguoculturology in recent years, it is found that the tasks are difficult to solve, namely in the interpretation of the concepts of language and culture and in terms of their interaction. Of particular interest is the essence of linguistic culture in interaction with language as an integral part of culture. And not the least role is played by the concept of Language Image from the perspective of environmental discourse.
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Объект №11	
Заголовок	TEXT: SCIENTIFIC AND FICTIONAL
Аннотация	The article analyzes some issues of creating multifunctional texts. Taking into account the necessary elements when creating the whole will ensure its correct presentation, therefore, the understanding of the content of the material by the recipient.
Автор 1	Ramazanova, G.H.

Место работы автора 1	of the Kostanay SocialTechnical University named after Academician Zulkharnay Aldamzhar
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Объект №12	
Заголовок	STUDENTS' PERCEPTIONS OF CORRUPTION
Аннотация	Corruption in Russia causes enormous damage to the countrys socioeconomic development. In order to combat it, federal laws, decrees of the President and government decrees have been adopted that put forward specific tasks to eradicate this negative phenomenon. Their successful implementation depends not only on the quality of work of law enforcement agencies, but also on the civic position of members of society. Graduates of higher educational institutions trained to combat corruption and their readiness to fight it are called upon to play a significant role in this. This article presents the results of an analysis of students public opinion on corruption issues, the quality of education and the improvement of university anticorruption training for the activities of graduates in the positions of heads and specialists of state and municipal government bodies.
Автор 1	Kirillov, V.P.

Место работы автора 1	Associate Professor Russian State University named after A.N. Kosygin (Technology. Design. Art)
Автор 2	Kirillova, G.V.
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Объект №13	
Заголовок	METHODICAL ASPECTS OF THE QUANTITATIVE MEASUREMENT OF THE COMPANY'S INTELLECTUAL CAPITAL IN THE KNOWLEDGE ECONOMY
Аннотация	Current trends in the development of a knowledgebased economy indicate the importance of measuring intellectual capital. The article highlights the totality of foreign methods for measuring intellectual capital, reveals their essence, and also substantiates the possibility of application in Russian practice. A number of distinguished quantitative methods are specially considered: the J. Tobin coefficient, A. Puliks method of intellectual added value. The author draws conclusions about the advantages and disadvantages of the methods used.
Автор 1	Bulatetskaya, A.Y.

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Объект №14	
Заголовок	RESEARCH OF CHANGES IN SEMANTIC SPHERE OF STUDENTS IN PROCESS OF VOCATIONAL TRAINING
Аннотация	<p>This paper provides an overview of the study of semantic sphere of senior and junior year students of a university. The relevance of this paper is conditioned by estimability of training process quality through changes of axiological semantic sphere of students. The purpose of this paper is to study the dynamics of axiological semantic sphere of students during vocational training. The main hypothesis provides for availability of characteristic changes in the semantic sphere of students during training. The concept of D. A. Leontiev dynamic semantic system was used as a theoretical base of the study. G. A. Kelly repertory grid method was chosen as the main methodology. During the study, cognitive constructs of junior and senior year students of the Nizhny Novgorod State Pedagogical University were obtained (N 49). It was demonstrated that in the process of learning activity, the axiological semantic sphere of students changes significantly which is consistent with the learning of trade. The cognitive complexity increases, the personal acceptance of professional values takes place.</p>

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Объект №15	
Заголовок	IMPACT OF PSYCHOSOCIAL FACTORS ON THE CORRECTION OF ATTENTION DEFICIT HYPERACTIVITY SYNDROME
Аннотация	The article investigates the influence of intrafamily psychosocial factors on the effectiveness of attention correction in children with ADHD of primary school age using biofeedback technology. It is shown that with the support of the family in children, the effectiveness of biofeedback training increases. This factor is especially significant for children from families with negative psychosocial status.
Автор 1	Danilenko, E.N.
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Автор 2	Dzhafarova, O.A.

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Объект №16	
Заголовок	ISOLATION OF ORIGINAL ONCOVIRUSES USING HUMAN BLOOD CULTURES AT ACUTE LEUCOSIS AND CHRONIC MYELOLEUCOSIS
Аннотация	The article presents the results of the authors long term research on use of human leukocytes cultures for studying human leucosis etiology. As a result of this research work, original strains of the viruses were isolated whose role in the etiopathogenesis of the diseases deserves a further insight and is currently under study. The diseases are characterized by long persistence of the viruses and long viraemia.
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Объект №17	
Заголовок	THE ROLE OF FIBULIN-5 PROTEIN IN THE PROGRESSION OF PATHOLOGICAL VASCULAR REMODELING IN PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION
Аннотация	<p>The search for new diagnostic molecular markers and the development of pharmacological correction of the mechanisms of vascular wall aging in patients with isolated systolic arterial hypertension (ISAH) is an urgent and timely task. Molecular regulation of vascular smooth muscle cell remodeling (SMC), changes in which, along with perivascular fibrosis and endothelial dysfunction, lead to increased sensitivity to procontractile mediators and calcification, forms the basis of vascular aging mechanisms and rigidity. Clinically, this process manifests itself in ISAH in individuals of an early period of old age and senile age. An important component of vascular risk in the development of atherosclerosis associated with the progression of ISAH is inflammation of the vascular wall, one of the participants of which is fibulin5 protein. Dysregulation of fibulin5 expression during inflammation in the vascular wall is determined by the activity of the axis transcription factor SOX9/histone deacetylases (HDACs) and can be a promising target for the development of new drugs to prevent aging of the vascular wall.</p>

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Объект №18	
Заголовок	METHODS FOR ASSESSING OBESITY IN ROUTINE CLINICAL PRACTICE

<p>Аннотация</p>	<p>Obesity has already been named a global noncommunicable epidemic in WHO documents. Traditionally, obesity and related diseases have been considered a problem in Western countries. Over the past two decades, however, urbanization has created the basis for the obesity epidemic in many Asian countries 1. For two centuries now, we have been using the obesity assessment method (body mass index proposed in the 1830s by Belgian scientist Adolf Kettle) introduced by WHO as a gold standard that does not properly reflect the true distribution of fat tissue in the body and can give false data about a persons belonging to the risk group for the development of obesity. Our article discusses the main methods of assessing obesity, its pros and cons.</p>
<p>Автор 1</p>	<p>Gabbasova, N.V.</p>
<p>Место работы автора 1</p>	<p>Professor of the department of epidemiology of the federal state budgetary educational institution of higher education quotVoronezh state medical university named N.N. Burdenko quot of the Ministry of Health of the Russian Federation</p>
<p>Автор 2</p>	<p>Dzen, N.V.</p>
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Объект №19	
Заголовок	RELATIONSHIP OF THE CROWN GROWTH ACTIVITY AND THE RADIAL INCREMENT OF THE SCOTS PINE SKELETAL ORGANS
Аннотация	The relationship between shoot system linear growth and radial increment trunk and skeletal root of the Scots pine (<i>Pinus sylvestris</i> L.) in the forest steppe Predbaikalia was investigated in 1976-2005. It was showed that for the shoot growth was followed by pine needles growth, after that the trunk and skeletal root to radially incremented. The shoots were the first finished the growth then going pine needles, the trunk and the skeletal root. There was some diversity in their growth duration, because of difference in growth beginning and ending dates. The trunk growth period was the longest, while the skeletal root growth period was the shortest. During the vegetation, the most significant relative growth rate (RGR) were observed in the growing shoot, with the maximum RGR being approximately 3 times greater than in the pine needles or the trunk. The values of the pair and multiple correlation coefficients in context as a strong joint effect of the variability of growing pine shoots system on the its skeletal organs were interpreted.
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Объект №20	
Заголовок	TMTE SECTION STUDY - AS2TE3
Аннотация	To establish the nature of the chemical interaction and phase formation in the As ₂ Te ₃ TmTe system by complex methods of physicochemical analysis, alloys of the As ₂ Te ₃ TmTe section and the initial components of this section are studied. According to the results of a set of methods of physicochemical analysis, it was found that the alloy of the composition TmAs ₂ Te ₄ and alloys of the concentration region 10098.5 As ₂ Te ₃ consist of one phase. The analysis results and the constructed diagrams show that the As ₂ Te ₃ TmTe sections are a quasibinary section of the TmAsTe ternary system and a triple intermediate phase of the composition TmAs ₂ Te ₄ is formed in them according to the following peritectic reaction L TmTe TmAs ₂ Te ₄
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Объект №21	
Заголовок	SIMULATION OF MICROCONTROLLER CONTROL «SMART» INTERSECTION

Аннотация	The given work is devoted to research of problems of traffic regulation with the help of smart traffic lights . Development of traffic control algorithms in Almaty is an actual social and economic task of the metropolitan akimat. The concept of smart crossroads appeared in connection with the wide application of affordable microcontroller equipment, which allows to create adaptive systems by controlling traffic intensity at the busiest intersections of the city. The main idea is to correctly regulate road traffic in order to reduce and eliminate traffic jams on the roads. This problem now in our country is one of the priority for the organization of traffic. A new version of the traffic light is proposed, which we will call Smart traffic light . This device will increase the capacity on the roads by performing realtime traffic diagnostics and switching traffic lights depending on the traffic situation.
Автор 1	Zhamangarin, D.
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Объект №22	
Заголовок	STRUCTURAL FEATURES OF SUBSTITUTED AZOMETHINE COMPOUNDS, DERIVATIVES OF ALKYLSTYRYL KETONES AND 1,4-DIAMINO BENZENE
Аннотация	The presented material details an analysis of the results of quantumchemical calculations of molecules of azomethine compounds, derivatives of dimethylaminosubstituted alkylstyrylketones and 1,4diaminobenzene. The relevance of the research topic is dictated by the expansion of theoretical ideas about the structure of organic compounds. The choice of research objects is due to the presence of a complex of valuable applied properties in azomethine compounds. The calculations were performed using semiempirical methods. Based on the calculation results, 3D models of molecules were constructed that showed the features of the spatial arrangement of atoms. The distribution of electron density is presented in graphical form, maps of the surface of the electrostatic potential are constructed. The values of bond lengths, bond angles, atomic charges, and other calculated molecular parameters are given.

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