

BUILDING AND ARCHITECTURE

Delova M. I., Avdyakov D. V.

CONTROL OF FIRMNESS OF BENT DESIGNS FROM KLEENA OF WOOD TO TRESHCHINOOBRAZOVANY

Results of researches on definition of the scheme of loading are given, is the fullest answering to real operating conditions of kleeny wooden designs and conditions of origin of cracks in bent elements. The technique of control of firmness of bent designs from kleeny wood to a treshchinoobrazovaniye is offered.

Keywords: wooden kleeny designs, a bend, durability, reliability, durability, tension, the deformations, bearing ability, static loading.

Lesovik V. S., Shakhova L. D., Kucherov D. E., Aksyutin Yu. S.

CLASSIFICATION OF ACTIVE MINERAL SUPPLEMENTS FOR A COMPOSITE BINDING IN VIEW OF GENESIS

The questions of normalizations by using of mineral additions in cements and concretes are considered. The classification of mineral additions in composite cements in accordance with genetic origin are suggested.

Keywords: mineral additions, genesis, classification, criterions of effectiveness.

Baydin O.V.

EXPOSITION OF REDUCTION OF FERROCONCRETE CONSTRUCTIONS DAMAGED BY CORROSION

In this paper the prevention of crack formation in ferroconcrete bending constructions damaged by corrosion with the help of pressing, taking into account concrete creeping and relaxation of carcass (ropes) stressing is considered. Effectiveness of pressing is estimated by time, and during this period, crack growth resistance of ferroconcrete is provided, defined by calculating period of construction exploitation.

Keywords: pressing, crack growth resistance of ferroconcrete, corrosion damages.

Komar A.G., Ivaschenko S.I., Gorshkova I.V., Ivaschenko S.S., Leonteva E.S.

INFLUENCE OF THE VISCOSITY OF ALUMINOUS MELT ON CONSTRUCTION AND ENGINEERING PROPERTIES OF BINDING AND CEMENTS ON ITS BASIS

We found the association between the value of the viscosity of alumina melt and position of the input element in the periodic table of D.I.Mendeleev. A model for formation mechanism of alumina cement major minerals $\text{CaO} \cdot \text{Al}_2\text{O}_3$ and $2\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ in the crystallization process from the molten slag of alumina in the presence of various modifiers is described. Ways of improving the quality of alumina cement by introducing modifying agents into its composition are suggested.

Keywords: Alumina cement, viscosity, melted alumina slag, construction and engineering properties of cement.

Rakhimbayev Sh. M., Tolypina N. M.

METHODS OF ESTIMATING CORROSION RESISTANCE CEMENT COMPOSITES

Are considered early and modern methods of determining the corrosion resistance of cement composites. Various methods to accelerate the corrosion tests. The equations for calculating the kinetics of corrosion.

Keywords: corrosion resistance, kinetics, an aggressive environment.

Fedorov S. S., Kobelev N. S., Tyutyunov D. N., Pikhlap A. F., Boykov A. F., Panina Ye. A., Minko V. A., Gunko I. V.

ONE OPTION MATHEMATICAL MODEL OF DRIVE MODIFIED HEATING SYSTEM BUILDINGS AND FACILITIES

Updating of a function chart of automatic control with heat-carrier mixture is offered. The algorithm of the scheme of automatic control of the offered system of heating is received. The power savings variant is developed at management of a drive of system of heating.

Keywords: automatic control system, the block diagram, mathematical model, power savings.

Suleymanova L. A., Malyukova M.V.

EFFLORESCENCE ON THE SURFACE OF CONCRETE PRODUCTS

The reasons for the formation of efflorescence on the surface of concrete products, such as paving slabs. Identified the main methods of prevention of efflorescence and ways to eliminate them from the exploited products.

Keywords: efflorescence, concrete products, paving slabs.

Zhernovoy F. Ye., Miroshnikov Ye. V., Zhernovaya N. F.

PEARLITE MUKHOR TALA AS-GLASS RAW MATERIALS

It is shown that the natural perlite Mukhor Talin-deposit (Buryatia) can be used in the mixture of green glass tare as an effective alternative to traditional feldspar and nepheline raw materials. The use of perlite intensifies the penetration of the charge, thus reducing the temperature of the cooking process and reduce power consumption.

Keywords: perlite, alternative raw materials, charge, speed of penetration, glass formation, intensification, glass.

Chernositova E.S., Denisova J.V., Sergeyev S. V.

THE STATISTICAL ANALYSIS OF QUALITY OF SAND AT GEOLOGICAL EXPLORATION OF THE NEW DEPOSIT

One of the perspective directions in the field of sand production in our area is the Novotavolzhansky deposit. For an assessment of quality of extracted sand laboratory researches of its properties were carried out: granulometric composition of sand, content of slime and clay particles, module size sand. Results of tests were processed by statistical methods. On the basis of the done work the characteristic of a level of quality of extracted sand was given and areas of its application are offered.

Keywords: sandpit, building sand, selection and preparation of tests of sand for quality control, the grain composition of sand, sieve analysis, module size sand.

Bondarenko A. I., Fomenko Yu. V., Zhernovskiy I. V., Strokova V. V.

ASSESSMENT OF EFFECT OF DIFFERENT ORIGIN QUARTZ ON CHARACTERISTICS LOW-WATER BINDER

The effect of the genesis of silica raw materials, type and quantity of admixture on the properties of the low-water binder (LWB) is studied. This allowed to determine the fields of rational application in composite binders manufacture.

Keywords: quartz, sand, plasticizing agents, fine ground cement, low-water binder.

Volodchenko A. N., Lesovik V. S.

THE RHEOLOGICAL PROPERTIES OF GAS-CONCRETE MASS BASED ON UNCONVENTIONAL RAW MATERIALS

It is established that the use of sandy-clay rocks as a raw material for autoclaved aerated concrete has a positive effect on the rheological characteristics of the raw mix. This simplifies the technology, ensures a smooth process of bloating the molding mixture without «false boiling» and gas emissions. In this case, there forms a macro-structure conducive to improving the strength characteristics of porous concrete.

Key words: sandy-clay rocks, gas-silicate mixture, rheological properties, structure formation, autoclaved aerated concrete.

Serdyukova A. A., Rakhimbaev Sh. M.

INFLUENCE OF LOW TEMPERATURE ON THE KINETICS HARDENING CEMENT SYSTEM

The effect of temperature on the kinetics of hardening of cement, depending on the content of the main clinker minerals under-researched. In this regard, this article deals with the kinetics of hardening of clinker minerals at low temperatures in comparison with the kinetics of curing at 20 ° C.

Keywords: clinker minerals, low temperatures, kinetics of hardening, cement stone.

Baydin O. V., Glagolev E. S.

COMPARATIVE ANALYSIS OF DIFFERENT FACTORS INFLUENCE OF STRENGTH RESISTANCE ON CRACK GROWTH RESISTANCE OF FERROCONCRETE

In this paper, the quantity estimation of pressing losses, realizing for increase of crack growth resistance of ferroconcrete elements, damaged by corrosion is given.

A comparison of different factors influence (creep of concrete, relaxation of rope stress, corrosion damages) on size of preliminary pressing of ferroconcrete is given.

Keywords: pressing losses, stress relaxation, creep of concrete, corrosion damages.

Demyanova V. S., Dyarkin R. A., Gusev A. D., Volodin V. M.

FINE-GRAINED REACTIVE POWDER DISPERSNOARMIROVANNYE CONCRETES WITH USE OF METAL CORD

Developed fine-grained reactive powder dispersnoarmirovannye concretes, one component of which is metal - product of reprocessing worn automobile tires.

Keywords: Is reactionary-powder concrete, buildings sand, the metal cord, the worn out automobile tires.

Ishchenko K. M., Suleymanova L. A., Zhernovskiy I. V.

THE POSSIBILITY AND METHODS OF ANIONNOAKTIVNYH ORGANOSILICON WATER REPELLENT MATERIAL HANDLING BASED SWOLLEN PERLITIC SAND WASTE AND ITS PRODUCTION

The methods to reduce water absorption by different variants of hydrophobic materials, manufactured using expanded perlite sand and waste of its production with the possibility of their use as high-performance thermal insulation of buildings, manufacturing equipment and heating systems.

Keywords: hydrophobization, silicone water repellents, water absorption, expanded perlite, perlite dust.

Klochkov A. V., Pavlenko N. V., Strokovaya V. V., Belenzov U. A.

ON THE USE OF HOLLOW GLASS MICROSPHERES IN HEATINSULATING STRUCTURAL MASONRY MORTARS

In this work was studied chemical, mineralogical composition, physical and mechanical properties of aluminosilicate microspheres consisting in wastes from heat power plants. Also the features of masonry solutions with the microspheres were investigated. The results allowed to evaluate a suitability of the aluminosilicate microspheres as a heat-insulating component in the mortar.

Keywords: microstructural features, water-holding capacity, aluminosilicate microspheres, mortar, mortar joint.

THE MECHANICAL EQUIPMENT AND MECHANICAL ENGINEERING

Bogdanov V. S., Sharapov R. R., Teterin K. K., Pelenitsin A. V.

SOLID PHASE SLURRY PARTICLE SEPARATING RESEARCH IN THE SCREW CLASSIFICATOR.

In the article are equations describing coarse slurry separating in the screw classificatory. Receiving equations account efficiency screw classificator operating depend on separating cement slurry conditions.

Keywords: separating, particle, slurry, screw classificator.

Uralskiy V. I., Sevostyanov V. S., Uralskiy A. V., Sinita E. V.

IDENTIFICATION OF CENTRIFUGAL MILLING UNITS ENERGY CHARACTERISTICS

The theoretical researches of the power inputs for the material milling in the centrifugal milling unit with the parallel milling blocks are presented in the article. The following questions are studied: identification of the kinetic energy needed for the material destruction up to the necessary specific surface, providing of the milling object motion and the movement of the milling blocks of the unit.

Keywords: milling unit, selective action, parallel milling blocks, milling object, distraction energy, kinetic energy.

Maslova I.V., Bludov A.N.

SUBSTANTIATION OF USE OF OPERATED PROCESS AT RESTORATION OF THE FORM OF THE LARGE-SIZED BODY OF THE ROTATION WHICH DO NOT HAVE THE STATIONARY AXIS OF ROTATION

In article procedure of formation of algorithm of management non-stationary machine tool is described by the module at without center to regenerative processing of large-sized details of the process equipment. Authors offer algorithm of management machine tool by the module based on preliminary diagnostics of radius of a restored detail and its instant center directly ahead of will eat a material an (allowance) rough tolerance.

Keywords: binding, roller, machine tool (the module), algorithm, radius, the scheme, an error, a drive.

Bogdanov V.S., Rakov A.M.

RESEARCH OF OPERATING MODES VERTICAL HUMMER CRUSHER

In article results of experimental researches vertical hummer crushers are presented. The equations of regress for productivity on a ready product and capacity consumed by a drive, and as graphic dependences of interaction of various factors on indicators of overall performance of a crusher are presented.

Keywords: vertical hummer crusher, the regress equation.

Voronov V.P., Semikopenko I.A., Vyalykh S.V., Gordeev S.I.

THE MATHEMATICAL DESCRIPTION OF FLAT MOVEMENT OF THE DIPHASIC ENVIRONMENT IN MILLS ДЕЗИНТЕГРАТОРНОГО OF TYPE

Using a method of small parameter, the mathematical description of a field of speeds of particles of a material in mills дезинтеграторного type is offered. Within the limits of flat model the analytical expressions defining depending on technological parameters speed of movement of particles of a material in mills дезинтеграторного of type are received.

Keywords: disintegrator, speed, small parameter, flat model.

Sevostyanov V.S., Svergunova S.V., Sevostyanov M.V., Shinkaryov L.I., Spirin M.N., Fetisov D.D.

TECHNIQUE AND TECHNOLOGY OF BRIQUETTING OF POWDER-LIKE AND VISCOUS-PLASTIC MAN-CAUSED MATERIALS

Presents the results of the design-technological and experimental studies in the field of technique and technologies of briquetting of powder-like and viscous-plastic man-caused materials. Given the new design of press-rolling unit phased sealing materials with low bulk mass, rational technical modes of their formation, as well as the results of the experimental-industrial tests of rolling the press.

Keywords: formation, briquetting press-rolling unit. Powder, & viscous-plastic man-made materials.

Hanin S.I.

FEATURES OF THE DISTRIBUTION OF GRINDING MEDIA IN A CONE-SHAPED BODY OF TUMBLING BALL MILL

The research of the motion of grinding media in a cone-shaped body TBM, and are established patterns of changing their kinematic and dynamic characteristic.

Keywords: tumbling ball mill, cone-shaped body, grinding media, process of motion, velocity, kinetic power.

Bazhanova O.I., Bogdanov V.S., Shaptala V.G.

TECHNOLOGICAL ASPIRATION OF CEMENT MILLS

In this article are given the analytical expressions describing the change in flow rate of aspiration air due to pressure and temperature changes as it moves along aspiration tract and also for determination of density and moisture content of aspiration air.

Keywords: aspiration, aspiration air, dust content, moisture content, mill.

ECONOMICS AND PLANT MANAGEMENT

Glagolev S.N., Starikova M.S.

DEMAND MANAGERMENTS COGNITIVIZATION AS A REACTION OF CORPORATION TO NEW ECONOMIC CONDITIONS

The article deals with the background and meaningful aspects of cognitive approaches to demand management in the corporate management. The author emphasizes in the article, the economic consequences of behavioral changes in demand.

Keywords: cognitive approach, demand management, corporate, corporate governance, reactive control, adaptive control.

Brezhnev A.N.

PSI AS A METHOD OF ESTIMATION OF QUALITY CONTROL INNOVATION PROJECTS

The basic method of Fergus O 'Connell, usable for evaluating the quality of innovation projects in Russia.

Keywords: design, quality of the project, the methodology Indicator of Success Probabilities, Probability of Success Indicator, PSI.

Klimova T.B., Bondareva Ya.Yu.

FORMATION OF THE BALANCED MODEL OF THE STATE PROTECTIONISM OF SPHERE OF THE INNOVATIVE-FOCUSED INDUSTRIAL PRODUCTION

The model of selective state protectionism or selective management should answer criteria of dynamism, efficiency, equation, accurate controllability, to consider features of transitive economy, to include strategy of steady economic growth. Efficiency of protectionist management will depend on an accurate formulation of criteria of selection of "growth poles» that will allow to intensify growth of competitiveness of economy and to gain considerable social and economic effect, including the multiplicate character, expressed in increase of innovative activity and investment appeal, increase in a share of innovative production, formation of new economy. Within the limits of the selective protectionist approach there is important an achievement by economic system of some dynamic balance, stability of development that is carried out linkages between different sectors of economy.

Keywords: the innovative policy, the protectionism, the is innovative-focused industrial production, the selective approach.

Slabinskiy D.V.

MANIPULATIONS IN THE FINANCIAL STATEMENTS: 'ACCOUNTING GAMES' WITH THE EXPENSES

The article continues the cycle of financial statements manipulation and is concerned with description of main manipulations with the expenses, i.e. (a) intended recording of current period expenses to the later periods and (b) unrecorded expenses. Also, we cover practical examples and disclose the significance of financial accounting fraud.

Keywords: IAS/IFRS, accounting fraud, accounting manipulations, expenses, financial statement.

Stryabkova E.A.

THE RUSSAIN REGION CLUSTER POLICY

Creation conditions for the developing market and establishing competitiveness is a basic element among national and local priorities of any state as well as the function of state control over economy. In conditions of globalizarion of the world economy regional policy becomes a parameter of competitiveness. Competitiveness in terms of a region should be understood as the region's ability to produce goods and services, meeting the requirements of domestic and foreign markets, creating conditions for increasing local resources to ensure a potential growth of a region clusterization and competitiveness of economic objects which are able to keep the pace with the life quality of local residents at the level complying with world standards.

Keywords: cluster, cluster policy, the competitiveness of the region, the cluster initiative.

Chizhova E.N., Brezhnev A.N., Kondrashova E.A.

MAIN TYPES OF INDICATORS OF QUALITY OF THE INNOVATIVE PROJECT AND THE REQUIREMENT TO THEIR CHOICE

Requirements to a choice of indicators of an assessment of quality of the innovative project are considered, ordering of indicators is presented.

Keywords: project, quality of the project, principles of a choice of indicators, indicators of quality of the innovative project.

Orlov A.V., Yurlov F.F.

THE ANALYSIS OF THE STATE AND THE FORECAST OF DEVELOPMENT OF OIL INDUSTRY OF RUSSIA

The analysis of the state and modern trends of development of the oil industry of Russia is carried out. Results of forecasting of a oil production and investments into a oil production in the Russian Federation for 2012-2017 executed by means of statistical software package Statgraphics are presented.

Keywords: energy security, oil industry, oil, oil production, investments, forecast, energy efficiency.

Bovkun A. S.

THE INNOVATIVE INFRASTRUCTURE OF THE UNIVERSITY: THE DIRECTION AND PATH OF DEVELOPMENT

The article presents information about the innovation infrastructure in the university, as the main "reference" point of development of innovation economy and the activity of small innovative business in our country. There are considered the basic tasks of innovative infrastructure for the development of scientific-technical, innovative and educational potential of the higher education institutions.

Keywords: innovative infrastructure, small innovative businesses, technopark, commercialization.

Starikova M.S., Logachev, K.I.

OPTIMIZE THE COST STRUCTURE OF INDUSTRIAL CORPORATION PRODUCTS PROMOTION

Analysis of approaches to defining forms of corporation product promotion, as well as assessment methods and cost allocation to it, revealed a need for refining techniques. An algorithm for determining the size of the target audience of marketing communications in corporation, on the basis of which developed an optimization model of the distribution costs of product promotion.

Keywords: cost optimization, corporate management, product promotion

Shchetinina Ye.D., Polyarus A.V.

APPROACHES TO THE ASSESSMENT OF COMMUNICATION CAPACITY OF INDUSTRIAL ENTERPRISES

The issues related to the problem of formation and implementation of the communicative potential of an industrial enterprise as well as its assessment are considered at the article. This kind of potential is presented as a specific subsystem of relationship on the subject of the business information exchange and at the same time as one of the connected components of the total economic potential of an enterprise. The methodological approaches to the qualitative and quantitative assessment of the communicative potential are proposed and the principal conditions of its formation and realization are determined.

Keywords: capacity, communication, exchange of business information, assessment of communications capacity

Arkatov A.Y., Brezhnev A.N., Kurbatov, V.L.

CRITERIA FOR SUCCESS INNOVATION PROJECT

The different points of view on the success of the project, including innovation, explores the factors influencing the success of the project, conclusions on the criteria for project success.

Keywords: design, innovative design, quality of the project, the factors of a successful project, the uniqueness of the innovation project, project management.

Seliverstov Y.I., Yevtushenko E.I.**TRANSACTION COSTS OF INTELLECTUAL PROPERTY MARKET**

One of the important factors of development of intellectual property market is quantity of transaction costs. In this connection, species composition of transaction costs of intellectual property turnover is singled out, and their quantitative characteristics are defined. Factors, forming the structure of transaction costs on intellectual property market and directions of business activity increase of given form of market are also singled out.

Keywords: transaction, costs, intellectual property, forms of transaction costs, structure, factors, specification of sole rights.

Grinenko G.P., Kogevnikov V.P., Kulechov M.I., Pogonin A.A.**PROSPECTS DEVELOPMENT OF CONDENSATION BOILERS MARKET IN RUSSIA**

The main direction of the fuel and energy sector in Russia is integration into the global economy and the transition to an innovative and energy-efficient development. The most important direction of development of an innovative autonomous heating is the use of condensing boilers, in which method of recovery and recycling of residual heat is used to save energy. Due to this, boiler efficiency increased from 92% to 108-111%.

Keywords: condensing boilers, heating boilers market, energy savings, efficiency, target segments

CHEMICAL TECHNOLOGY ECOLOGY

Evtushenko E.I., Sisa O.K., Lyashenko O.V., Novoselov A.G.**THE COMPLEX ANALYSIS OF STRUCTURAL CHANGES OF THE HYDROTHERMAL-STABILIZED KAOLINS**

Results of the thermal and X-ray phase analysis of the hydrothermal-stabilized kaolins are given. Some distinctions in nature of implementation of endo-and exothermic processes in kaolins samples depending on a hydrothermal processing condition are established. Nature of structural and phase changes is defined when heating samples at 900 °C and 1000 °C.

It is noted that hydrothermal stabilization can lead to improvement of the crystal structure of crystalline hydrates, to enrichment, partial removal or disproportionation of water molecules in structure kaolinite, and also to some extent to influence at processes of new phases formation when roasting of ceramic materials.

Keywords: kaolin, hydrothermal processing, endothermic process, structural phase change, the highest pitch of excellence.

Bessmertny V.S., Ilyina I.A., Sokolova O.N.**RECEPTION OF PROTECTIVELY-DECORATIVE COVERINGS ON WALL BUILDING MATERIALS OF THE AUTOCLAVE CONCRETING**

The methodological bases are considered in article to reception of protectively-decorative coverings on products from wall building materials of the autoclave concreting by a method plasma melting. It is shown that to the thermal stability of an initial material, temperature of a plasma torch, capacity of work plasma-tron, speed of passage of a plasma torch on an obverse surface of a product and a thickness of a protectively-decorative covering are concerned by to the major factors influencing formation of aesthetics-consumer properties of protectively-decorative coverings.

Keywords: wall building materials of the autoclave concreting, a silicate brick, plasma of low temperature, protectively-decorative coverings.

ECOLOGY

Averkova O. A.

MODELLING OF SEPARATED CURRENTS ON THE INPUT IN SOAKING UP CHANNELS WITH USE OF THE THEORY OF FUNCTIONS OF THE COMPLEX VARIABLE

The method of mathematical modeling of separated currents on an input in soaking up channels with use of a method of conformal displays and N.E. Zhukovskogo's method is developed. The constructed mathematical model is investigated on reliability and adequacy.

Keywords: the separated currents which are soaking up channels, N.E. Zhukovskogo's method, the theory of streams of an ideal incompressible liquid.

Svergouzova Z. A., Yelnikov D.A., Lupandina N. S.

ASPECTS OF THE USE OF WATER AND SITUATION AT PRESENT

Analysis of the condition water object is organized in work. Also explored track record of the contamination water object. Brought statistics to efficiency of the work clear buildings of the area. Findings are made.

Keywords: ecology, cleaning, waste waters, water object.

Kalitin E.G.

DISTRIBUTION OF MICROORGANISMS DIFFERENT ECOLOGICAL-TROPHIC GROUPS IN HIGH ANTHROPOGENIC POLLUTION OF THE GOLDEN HORN

It was proved, that chronic influence organic substance on Golden Horn bay leads to changes of metabolism and structural characteristics marine microorganism. Destructive activity marine bacteria were found in autumn – spring season year.

Keywords: anthropogenous pollution, microbic communities, physiological activity, decrease in a specific variety, intestinal bacteria, bacterial plankton.

Starostina J.L., Lupandina N.S., Voronina J.S., Starostina I.V.

GLINOSHLAKOVYE AUTOCLAVED MATERIALS BASED ON SAMORASSYPAYUSCHIH SYA STEEL SLAG

The possibility of obtaining composite materials autoclaved with improved physical and mechanical properties on the basis samorassypayuschihsya steelmaking slag and multimineral clay components without the use of lime and cement binder. Higher strength properties of the compositions are defined by high activity of pozzolanic reactions with the formation of tumors of the skeleton are well crystallized calcium and hydro nizkoosnovnyh hydroaluminosilicates calcium, act as a filler.

Key words: steel slag, clay materials, lime concrete, the deformed structure, of low-based hydrosilicates calcium, calcium hydro alum silicates, strength properties.

Malakhatka Y.N., Sverguzova S.V., Chamshuruv A. V.

TXTRACTION OF Zn^{2+} FROM SOLUTIONS WITH INDUSTTRIAL DUST AND MATERIALS

The questions of necessity to clean sewage water from heavy metals, as well as the use of waste building materials as feedstock for reagent purification Zn-containing model solutions.

It was found that the adding of dust BKSM to model solutions containing ions Zn^{2+} , the cleaning efficiency increases to 95%.

Keywords: wastewater treatment, heavy metals, reagent purification.

INFORMATION TECHNOLOGY AND OPERATING SYSTEMS

Dubrovin V.I., Ph.D., Kolpakova T.A.

USE OF THE NEURAL NETWORK FOR CLASSIFICATION OF BIDDERS

In this paper the problem of classification proposals by potential contractors participating in the tender on those who fit and doesn't fit the requirements of the tender is considered. To solve this problem it is proposed to use a neural network. The data for the neural network is prepared using the Analytic Hierarchy Process.

Keywords: tender, supplier selection, the expert commission, the Analytic Hierarchy Process, classification, neural network.

TRANSPORT AND POWER

Kozhevnikov V.P., Kuleshov M.I., Gubarev A.V., Trubaev P.A., Pogonin A.A., Mochalin A.A., Feygelman M.O.

TEST-BED AND SOME RESULTS OF FUEL-SAVING CONDENSATION HOT-WATER BOILER TESTS

In article the scheme of the test-bed of a fuel-saving condensation hot-water boiler is considered, its description is made, and also the main results received during tests of a hot-water boiler, are given in comparison to calculation results.

Keywords: heat supply systems, fuel saving, condensation hot-water boiler, test-bed

PROBLEMS OF HIGHER EDUCATION

Kireeva N.V., Litvinenko M. S.

CLUB OF CHEERFUL AND RESOURCEFUL PEOPLE AS ONE OF THE MEANS OF FORMATION PROFESSIONALLY IMPORTANT CHARACTERISTICS OF THE SPECIALIST OF CULTURE AND ARTS

The article reveals the possibilities of formation professionally important characteristics of the specialist of the sphere of culture and arts with the means of the club of cheerful and resourceful people, the article defines the main principles and approaches to the organization of the work of the club of cheerful and resourceful people in the sphere of student life.

Keywords: club of cheerful and resourceful people, social and cultural activity, self-organization, self-actualization, principles, approaches.

Kravtsova D. S.

DEEPENING UNDERSTANDING OF THE NATURE OF FORMING STRESS TO THE SEARCH AND RESEARCH STUDENTS AT THE MILITARY COLLEGE

The paper describes the applicant identified in the dissertation research of theoretical and practical aspects of teaching the essence of increasing stress resistance to the search and research students in military schools. The result of the study was theoretical and practical findings on a new approach to the formation of stress to the search and research for future officers of the military schools. The obtained results of the study are new, since up to this task in such a statement is not intended and could not bring herself to teaching science and practice. Reasonable applicant and the proposed version of the theory and practice of problem-activity training, will increase the stress to the search and research students in military schools.

Keywords: stress, exploration and research activities, self-organization, competence, problem-activity-oriented learning

Koreneva E.N., Kosolapov A.N.

SPIRITUALITY AS PROFESSIONAL VALUE OF A GRADUATE FROM THE INSTITUTION OF HIGHER EDUCATION IN THE SPHERE OF CULTURE AND ARTS

The article studies the importance of spiritual component in the structure of personality of the students as the future specialists of the social and cultural sphere, analyses methodological aspect of spiritual culture as the basis for studying the ways of formation professionally valuable orientation of the students of the modern institutions of higher education.

Keywords: spirituality, spiritual culture, social and cultural sphere, professionally valuable orientation, spiritual factor of creativity.

SCIENCES AND HUMANITIES

Poluyanov V.P.

MAN AS A SPECIAL SOCIOCULTURAL THE PHENOMENON OF INTERVAL AND METHODOLOGY APPROACH

This article analyzes the socio-cultural phenomenon and the methodology of the interval approach. Been considered man's being «inside» and «outside». An attempt was made, how can penetrate deeper into the sphere of human existence and the methodology of the interval approach.

Keywords: methodology, the interval approach, the man being.

Shapovalov A.A., Shapovalova I.S.

ESTIMATION OF INFLUENCE OF ORGANIZATIONAL CULTURE ON SOCIAL AND ECONOMIC EFFICIENCY OF THE ORGANIZATIONS

The organizational culture represents регуляционный an organization resource. The administrative potential of organizational culture gives the chance to carry out influence on organizational social and economic efficiency of the enterprise by means of formation of high indicators of the given social formation.

Keywords: organizational culture, social and economic efficiency, models, subsystems.

Sedykh A.P., Kvitko M.S.

LINGUISTIC PERSONALITY IN SCIENCE

Language and culture relative and form obstacle of linguistic personality. It is place of conjugation of physical, spiritual and social. Linguistic personality is a one of basic category linguistic culturology which reflect mentality of informant of natural language and present this branch of science research instrument for recreation prototypical model of «human which speak».

Keywords: Linguistic personality, culture, language, linguistics, communications, discourse.

Shipitsyna G.M.

LINGVO-HISTORICAL SUBSTANTIATION OF THE RELATION OF RUSSIAN PEOPLE TO BRIBERY

In the article etymological semantics of words with value "bribery" is considered. It is shown that in a lexicon of language and in the case of national aphorisms there are no language means with condemnation and non-acceptance of these social defects. In genetic memory of the people the trace of semantics of a word combination remains to be fed from a post as the right of officials to requisitions from the population.

Keywords: feeding from a post, bribes, lexicon, proverbs and sayings, mentality, semantics, word-formation, etymology.

Zhukova J.V.

NATIONAL COMPONENT IN FORMATION OF CORPORATE CULTURE OF CULTURE OF LIBRARIES

In article the structure of corporate culture of culture establishments is considered. The central place is taken away to a national component in corporate culture of the various countries, its main stereotypes are considered. The basic characteristics are given and features of corporate relations of employees of libraries reveal.

Keywords: corporate culture, national component, national mentality, corporate culture of library.

Sulyagina E.A., Polevoy I.N.

EFFECTIVENESS EVALUATION METHODS OF PROVIDING PUBLIC SERVICES IN THE EMPLOYMENT SPHERE

In the article the problem of the development necessity of methods of effectiveness evaluation of public services delivering in the employment sphere is observed, its core components in the conditions when the territorial subjects of the Russian Federation are endowed a considerable list of their own powers.

Keywords: Publis Employment Service, delegation of authority, predictive target indicators, supervision and control, public services quality and availability assessment.

Chernyavskaya N.E., Kireeva N.V.

PEDAGOGICAL JOURNALISM OF THE SECOND HALF OF THE XIX CENTURY

Current article provides an overview of the most serious authorities of the pedagogical press of the second half of the XIX century. Russian educational journals are steadily part of history and development of the Russian pedagogical science. Leading educational magazines in Russia originated by the socio-pedagogical thought of past time, emerged as an agents of many progressive rudiments in the upbringing and education of future generations..

Keywords: pedagogical journal, socio-pedagogical movement, pedagogical science teacher, upbringing and education, morality, methodology, public education, school reform.