

ABSTRACTS

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INSAFING AS A NEW INTELLECTUAL COMMUNICATION IN MANAGEMENT

Insafiging is an intellectual communication which utilizes the elements of Activity Organizing Games and is based on the Theory of Dynamic Information Systems (TDIS). This allows for approaching management as a process where interacting people agree on the mathematic model and the content of the subject and concord the psychological profiles of the participants. The article provides an example of Insafiging application to tourism industry development in a city.

Key words: domestic and international tourism, Insafiging, intellectual communications, cognitive engineering, activity organizing game, scheme techniques, TDIS.

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DYNAMIC ANALYSIS THE RESOURCE SUPPORT OF INDUSTRIAL ENTERPRISES

Author's approach to the prediction of the parameters of resource support of enterprise in the conditions of the dynamically changing economic environment. The dynamics of the elasticities of the production factors on the basis of the method of "sliding window". On the basis of economic-mathematical modelling is developed the method of management of the resulting indicators of production by factors elasticity of production. Aspects of practical application of the model constructed.

Key words: forecasting parameters of resource support, the analysis of the dynamics of the elasticities of the production factors, the method of "sliding window", management of production efficiency.

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DEVELOPMENT OF MODELS TO ENSURE AFTER – SALES PARTS IN SATURATED MARKE

In the article analyzed the positive results achieved by scientists and practitioners in the Soviet Union and the Russian Federation from spare parts and causes of the problems in the area. In the article formulated criteria of post-warranty parts provision, taking into account the interests of the consumers, the producer, and the economy as a whole. Suggested some direction methodological support the proposed model fragments.

Key words: machine building products, after sales service, post-warranty period of operation, costs on inventory management, addressing the need for replacement parts, performance criteria model, the subscription delivery of spare parts.

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INFORATIONAL AND ACCOUNTING ENSURING OF AN INDUSTRIAL ANALISIS OF COPPER INDUSTRY ORGANIZATIONS

This publication deals with the theoretical basis for the organization of management accounting costs, semi-self-produced and finished products to ensure the formation of information and analysis of the accounting software production activities of the copper industry.

Key words: analysis, internal economic environment, copper industry, brunch, industrial activity, administrative accounting.

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METHOD OF COMPREHENSIVE EVALUATION OF PRODUCTION INDUSTRIAL ACTIVITY AT BASIS ESTABLISHMENT OF A REGULATORY OPERATING PRICE

Economic analysis is an important part of the modern economy. Management process for decision support used a set of different types of economic analysis. Effectiveness of economic analysis is largely dependent on its proper organization, as well as its information and methodological support. In this article the author describes the features of economic analysis of the production of an industrial enterprise and proposed key indicators for its implementation on the basis of the author's concept of normative operating rates (NOR).

Key words: economic analysis, production activities of industrial enterprises, operating standard rate.

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PROSPECTS FOR THE DEVELOPMENT OF SOLAR ENERGY IN RUSSIA: COST ANALYSIS

Successful implementation of the goals for renewable energy development, identified in the Energy Strategy of Russia until 2030, is impossible without an understanding of the qualitative features of the dynamics of the basic economic parameters of production of renewable energy from various sources. In this paper an economic analysis of the dynamics of capital expenditures based on extensive empirical data for solar projects of various capacities is made, the equations describing the dynamics of the expected growth in profitability of solar energy technologies in Russia are built.

Key words: renewable energy, solar energy, cost analysis, learning effects, economies of scale, forecasting, autoregressive model.

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**METHODOLOGY FOR ASSESSING THE LEVEL OF INTEGRATED
DEVELOPMENT OF THE REGIONAL ECONOMY
(ON EXAMPLE OF REPUBLIC OF BELARUS)**

In this article the author presents a methodology for assessing the level of integrated development of the regional economy. A method for determining the weighting coefficients using the "tree of subordination", using subjective and objective assessment ranking. Assessment of the development is carried out in areas of functioning regional system.

Key words: method, the region, the development of comprehensive assessment, the weighting factor, factor, model.

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**DEVELOPMENT OF SPACE SYSTEMS AND STRATEGIC PLANNING:
ADAPTING TO THE IMPERATIVES OF THE FEATURES
OF THE INNOVATION ECONOMY**

Identified inconsistencies in the process of developing long-term plans for the development of regional economic systems lead to their low adaptability to the imperatives of the innovation economy, forming a system of institutional constraints in regional planning, and ways of resolving them. The results of studies of the evolution of institutional constraints in modern conditions of the regions, as well as forms they define spatial projections. Disclosure of steps proposed by the author of the comparative analysis of regional systems, enabling to detect divergent combination of synchronized and asynchronous types of management planning decisions. On its basis, ways of improving the methodology formulated spatially strategic planning, due to the change of its place and role in the system of regional governance as a condition for transformational change in regional systems.

Key words: innovation development imperatives, institutional constraints comparative analysis of plans evaluation of adaptability spatial and strategic planning.

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**INCREASE THE OBJECTIVITY OF THE INVESTMENT RISKS
ASSESSMENT OF POWER-GENERATING COMPANIES:
RATING APPROACH**

The article presents the author's methodical approach to investment risks ranking on the level of its threat and evaluation of the impact to investment decision process. There used the mathematical apparatus of multivariate data analysis, allowing to resolve the problem of subjectivism in financial decision making. It direct to increase of the power-generating companies investor attractiveness.

Key words: investments, investor attractiveness, investment risks, risks classification, electricity, energy companies, energy business, threshold value, Bayes method.

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**BUDGET MANAGEMENT OF INDUSTRIAL COMPANY:
INNOVATION METHODS AND INSTRUMENTS**

The article reveals the essence of such actual forms of the budget management as a balanced master-budget, multi-budget management, matrix financial business management, which allow to improve the efficiency of industrial company development.

Key words: budget management, industrial company, effective business, sustainable development.

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CONCEPTUAL POSITIONS OF ENVIRONMENTAL SUSTAINABILITY AT THE LIFE CYCLE OF MINING ENTERPRISE

The article discusses the conceptual provisions to ensure environmental sustainability of the enterprise developing subsurface resources from the position of stages of its life cycle. The construction of these cycles is based on the principles such as the prevention of adverse impacts; the completeness of use of non-renewable subsoil resources, the renewal and restoration of disturbed seized renewable natural resources. For each of the stages of pre-production, production and post-production stages the set of priority measures is grounded to promote ecological sustainability based on the specificity of displays of human impact within each of them.

Key words: life cycle, stages, human impact, specificity, ecological sustainability.

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INVENTORY MANAGEMENT OF THE SALES OF INNOVATIVE PRODUCT

The mathematical model of supplies of innovating product and losses of the innovation enterprise has been built. The structure of the effective inventory management has been disclosed. The algorithm of optimal inventory management of the sales of innovative product has been proposed. The proposed algorithm minimizes losses from storage of surplus products and minimizes the lost profit. The urgency of this problem is due to the well-known feature of the market development of innovative products.

Key words: inventory management, the implementation of an innovative product.

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THE PERIODIZATION OF THE DEVELOPMENT AND CURRENT STATE INTERNAL FINANCIAL CONTROL

The article is devoted to the history of formation and development of internal control from ancient times till our days. The proposed approach is based on the statement of the adequacy of long-term global trends transformation the internal control paradigm of evolution historical epochs. On the basis of the analysis and systematization of disparate information the author's periodization of the development of internal control. The peculiarities of its development in foreign countries and in Russia. The conclusion is undervalued and the trajectory of the further development of internal controls in the area of application to the risk-oriented technologies.

Key words: audit, control, internal control, financial control, internal control system, financial statements, reforms, testing, aims and hooks of audit, economic subject.

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FINANCIAL MANAGEMENT: IDENTIFICATION OF THE GOAL, FIELDS OF ASSUME SOLUTION AND SUBSTANCE

The article is devoted to discovery substance of the term "financial management". There are many approaches for explanation this term in modern works of native scientists. But they has a lot of questions. The companies are set financial targets. Native scientists call different goals, but they don't place priorities. The author aim: to mark priority financial goal of the modern company, and with her help to couch most intensive and substantial definition of the term "financial management".

Key words: financial management, economic profit (EP), economic value added (EVA), market value added (MVA).

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**METHODOLOGICAL TOOL FOR STRATEGIC ASSESSING
KNOWLEDGE MANAGEMENT SYSTEM MATURITY
OF THE INTEGRATED INDUSTRIAL CORPORATE STRUCTURE**

The article presents a special mechanism for assessing knowledge management system maturity. The proposed methodology can be considered as a way for increasing the competitiveness of the integrated industrial corporate structure. The key elements of the mechanism, advantages and limitations of its practical implementation into the integrated industrial company are also analysed in detail.

Key words: knowledge management system maturity, integrated industrial corporate structure, mechanism for strategic assessment.

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**COMPARATIVE ANALYSIS OF INTERPRETATIONS AND MODELS
OF THE EDUCATIONAL CLUSTERS FORMATION**

On the basis of studies of domestic and foreign publications comparative analysis of interpretations of the term "education cluster" is given in the article, as well as advantages and disadvantages of educational clusters formation models are defined. The main features of educational clusters are formulated, their subject composition is specified. Detailed model of a branch type educational cluster is developed, taking into account directions of the subjects cluster interaction.

Key words: educational cluster, education system, innovations, integration, partnership, cluster interaction, cluster models.