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ON REGIONAL CONTROLLING OF PRODUCT QUALITY

The article identifies the relevance of the regional controlling mechanism aimed at the solution of local product quality problems. The regional controlling mechanism focused on the product quality was suggested and described in the article.

Key words: *regional mechanism, product quality.*

O. T. Vasileva

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**REPRODUCTION PROCESSES AS BASIS FOR STRATEGIC
DEVELOPMENT OF HOUSING SPHERE**

The article discusses the reproduction process of the housing sector. The forms of reproduction were analyzed, its types and stages were described. The international experience of solving housing problems and the application of reproduction forms in the housing sphere were considered. Peculiarities of reproduction process were identified.

Key words: *housing sector reproduction, new construction, reconstruction, repair, modernization, renovation.*

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MODELS OF QUALIFICATION UPGRADING COURSES FOR GOVERNMENT EMPLOYEES IN EUROPE

The article reviews the status of European government employees due to institutional analysis. Models of British, German and French employees' vocational training were characterized and methods of program performance measurement were identified.

Key words: *staff policy in area of government employees' training, programs of government employees' vocational upgrading, efficiency evaluation of employees' professional development programs.*

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PROCESS ORGANIZATION OF INNOVATION PROJECT RISK MANAGEMENT

The article analyzes the system organization to control enterprise innovation project risks. Main elements of the control system were analyzed and interaction system of main participants at the innovation project organizational levels integrated into innovation risk management system was described. The advantages of the risk management system at the enterprise were identified.

Key words: *innovation project, risk, risk management system, innovation risk management.*

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DEVELOPMENT OF METHODOLOGICAL BASIS FOR FORMATION OF ENGINEERING ENTERPRISE PRODUCTION POTENTIAL

The total production capacity of the enterprise can be represented as a function of subsystem combination – local potentials, results, system-identified objectives, risks and synergies. Environmental and industrial factors, affecting enterprise production factors, identify the priority of components.

Key words: *production capacity, resources, reserves, results, goals, external and internal environment, the synergy effect.*

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ON INNOVATION PROJECTS CROWDFUNDING FEATURES

The article discusses the main features and types of innovative projects collective financing. The types of crowdfunding were described and collective financing typology was suggested. The largest crowdfunding platform and Russian venture capital funds were compared. The methodology that enables to estimate the equity of enterprises offered to unqualified collective investors was developed.

Key words: *crowdfunding, crowdsourcing, project finance.*

V. V. Kovarda

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ON EVOLUTION OF DEFINITION «CAPITAL» AND PRODUCTION FACTORS

The definitions of concepts «capital» and «production factors» were suggested in the article. The evolution of the production factors structure was considered and classified. The «new» factors: human, social, ecological capital, – that appeared and spread in the 20th century were separately described.

Key words: *capital, production factors.*

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ORGANIZATIONAL AND ECONOMIC ASPECTS OF A SUSTAINABLE DEVELOPMENT OF AN INVESTMENT AND CONSTRUCTION COMPLEX IN THE CONDITIONS OF INNOVATIVE TRANSFORMATIONS

Sustainable development of the investment and construction complex depends on the system and methods of its Territorial Administration, construction market requirements and a strategic approach to management organization. Implementation of scientific and technical progress achievements into construction leads to the most efficient solution of the problems when implementing investment and construction projects.

Key words: *investment and construction industry, innovation, innovative capacity, staffing policy, construction companies, sustainable development.*

T. V. Mannakov

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**ON INCONSISTENCIES BETWEEN FORMAL AND INFORMAL
TYPES OF SMALL BUSINESS IN RUSSIAN ECONOMY**

Any form of economic agents has various institutions, whether formal or informal, small business does not become an exception. We derive the main stages of formation and resolution of conflicts between the institutions.

Formal and informal institutions are intrinsic to any type of economic agents including small business. The article describes the main forms of interaction between formal and informal institutions. The main stages of dispute formation and settlement between the institutions were derived.

Key words: *small business, institution, formal institution, informal institution.*

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**THE STAGES OF THE INTELLECTUAL ACTIVITY OF THE
COMPANY IN THE KNOWLEDGE ECONOMY**

This article presents the main approaches to the characterization of intellectual work in the knowledge economy. The implementation phase of intellectual activity are analyzed. The process of transformation of knowledge of enterprises considered. The main components are allocated, they stimulate effective intellectual activity in the enterprise.

Key words: *knowledge economy, innovation economy, intellectual activity, the transformation of knowledge, the economic field.*

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STANDARDIZATION DEVELOPMENT OF STATE AND MUNICIPAL SERVICES AS CONDITION FOR ENHANCING EFFECTIVENESS OF STATE AND MUNICIPAL MANAGEMENT

The article considers standardization tools for public and municipal services and suggests a single classifier for public and municipal services. The purpose, the object, peculiarities of classification as well as the structure of the classifier, constructed in accordance with a hierarchical classification method were described.

Key words: *effectiveness of state and municipal management, public and municipal services, standardization of services, classifier of services.*

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ASSESSMENT OF AVAILABILITY AND QUALITY OF PUBLIC AND MUNICIPAL SERVICES

The article suggests the scientific approach to the evaluation of availability and quality of public and municipal services on the basis of the due process principle. While monitoring the availability and quality of public and municipal services the evaluation areas were identified. Indicators that characterize the compliance with the regulatory requirements to the organization of public and municipal services were grouped.

Key words: *accessibility and quality of public and municipal services, assessment of service accessibility and quality, monitoring of service availability and quality.*

D. S. Pashchenko

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**ON CHANGING PROJECT MANAGEMENT PROCESS MODEL
(ON THE EXAMPLE OF RUSSIAN SYSTEM INTEGRATOR)**

The changes in the project management of IT-companies influence the key business processes that involve the most competent staff with their own vision of management disciplines. The article gives the example of the change life cycle introduced into the practice of project management in the Russian system integrator. The article suggests the author's method of introducing changes, which includes the basic elements of planning and implementation of changes and typical risks, related to organizational resistance. The article summarizes the results of the changes, and opportunities of experience re-use in similar projects.

Key words: *planning of organizational changes in IT-companies, management of changes in design practice, life cycle phases, team and individual resistance to change.*

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**INNOVATION MANAGEMENT AT INDUSTRIAL ENTERPRISE ON
EXAMPLE OF CJSC «GRUPPA KREMNY EL»**

The article considers the structure of innovation capacity and its impact on innovation activity. The innovation activity of industrial enterprises from the viewpoint of innovation impact concept was analyzed.

Key words: *innovation, innovative activity, radio electronics.*

O. V. Rossoshanskaya

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GROUND OF THE ECONOMIC SECURITY CRITERIA SYSTEM FOR THE INNOVATIVE PROJECT-ORIENTED ENTERPRISE

Features of innovative project-oriented enterprises are considered, verbal determination of this term is given. The system model of the economic security estimation criteria is offered, that will allow working out the tool of monitoring dangers and threats origin by economic security service of such enterprises.

Key words: *economic security, criteria system, method of multimetric definitions.*

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A. N. Sunteev

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BASIC APPROACHES TO IDENTIFICATION OF SOCIAL AND ECONOMIC SYSTEM DEVELOPMENT FACTORS

The article considers approaches to identification of social and economic system development factors. Scientific viewpoints on interpretation of development factors were studied. The notion «social and economic system development factors» was identified.

Key words: *social and economic system, social and economic system factors, crises.*

A. I. Semenov

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RUSSIAN MONOPOLIES' ATTITUDE TO INNOVATION ACTIVITY

The analysis of statistical information substantiates the idea of monopolism penetration into public and private sectors of the Russian economy.

The correlation between high plant concentration ratio and critical fixed assets deterioration suggests that top managers lack motivation to implement innovations into their companies.

Key words: *monopoly, innovative activity, state.*

I. A. Skrynnikova

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USE OF INNOVATIVE TECHNOLOGIES IN SERVICE

The article describes the theoretical foundations of innovative technologies, analyzes the use of innovative technologies in hospitality industry and suggests new areas for innovations.

Key words: *innovative technologies, service sector, hotel business.*

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I. B. Beregovaya

Candidate of Economic Sciences, Assistant Professor, Head of Department, Department of Industrial Management

MODERN INFORMATION TECHNOLOGIES AS FACTOR OF RETAIL CHAIN COMPETITIVENESS RECOVERY

The article considers peculiarities of electronic commerce development and identifies basic areas of IT application in retailing.

Key words: *electronic commerce, retail, information and communication technologies.*

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COMPARATIVE ANALYSIS OF MANAGEMENT ACCOUNTING METHODS: THROUGHPUT ACCOUNTING AND VALUE STREAM COSTING

The article researches and compares two new methods of management accounting – throughput accounting (method TA) and value stream costing (method VSC). The article exemplifies the joint application of two methods on the JSC «Zavod poluprovodnikovih priborov» that results in income managerial statement according to the combined method of TA+VSC, using the actual manufacturing program of the company.

Key words: *new methods of management accounting, costs, throughput accounting, value stream costing, method TA+VSC.*

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**RESEARCH OF EXPENSE STRUCTURE IN BEEF CATTLE
BREEDING IN ORENBURG REGION**

Efficiency of manufacturing, including production of beef cattle breeding, directly depends on the product cost. The analysis of cost structure dynamics of beef cattle breeding, presented in article, enables to identify the most expensive items and lines of cost cut for beef cattle production.

Key words: *beef cattle breeding, production cost structure, production cost, food supply.*

I. V. Trofimov

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**FACTORS OF EFFECTIVE MANAGEMENT OF HUMAN RESOURCES
IN THE CONDITIONS OF INNOVATIVE DEVELOPMENT**

When the state faces the task to create the economy of the innovative type, the human resources become a fundamental element as the operation of an enterprise, branch and national economic system depends on the efficient control over them. Effective management of human resources directly depends on completeness of information about factors influencing the object of management. The article considers the most significant factors affecting human resources management in the conditions of innovative development.

Key words: *factor, management, efficiency, human resources, innovative development.*

D. S. Tyumina

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ON IMPORTANCE OF S-SHAPED MODEL OF TECHNOLOGY DEVELOPMENT IN INNOVATION PROCESS MANAGEMENT

The article studies S-shaped correlation between the technological parameter and intellectual capacity. The notion «S-shaped model» was defined and physical principles that restrain productivity and fix the technological peak were identified. The «technological limit» and «technological capacity» are the key elements of the model. The conclusion the model under discussion forecasts technological progress and enables policy decisions was made.

Key words: *S-shaped curve of technology development, innovation life cycle, technological limit, technological discontinuity, technological capacity.*

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INNOVATION POLICY OF THE UNIVERSITY AS A FACTOR OF COMPETITIVENESS INCREASE OF HIGHER SCHOOL

The article in question analyzes the higher educational institutions' innovation policy as a basis for improving the research activities effectiveness and increasing the higher school competitiveness when modern Russian economy focuses on innovation development. Basic areas of the state policy in the field of support and development of higher school innovation infrastructure were described. The main issues of innovation implementation in Russian universities were highlighted. The relevance of high innovation policy development was substantiated and consolidated efficiency indicators were considered.

The article considers a number of measures that enable the implementation of higher school innovation policy as well as positive results that can be achieved due to efficient innovation policy.

Key words: *innovation policy, higher school, higher school transformation, innovation profitability of higher school.*

L. V. Danilova

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**METHODOLOGICAL ASPECTS OF HEALTH INFORMATION
SYSTEM EFFECTIVENESS**

This system of effectiveness and efficiency evaluation is convenient and easy to use. Indicators of effectiveness are essential for operational productivity control of medical information system application. The value of the doctor appointment electronization indicator should be 100% and the medical record electronization indicator should be not less than 100% of Stance Indicator, persistent positive trend. The efficiency of medical information system implementation is evaluated by positive dynamics in the indicators of healthcare organization performance and the lack of medical errors in medical prescriptions.

The effectiveness of the medical information system is low in the analyzed healthcare organization. The introduction efficiency of the medical information system shows the insignificant improvement in organization and quality of healthcare.

Key words: *medical information system, medical information system effectiveness, medical information system efficiency.*

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**PROACTIVE DISPATCHING OF TRANSPORTATION
RESOURCES FOR 5PL**

The article in question suggests a new approach to 5PL operator automation due to modern trends in data management of logistics services users` interaction. The model of proactive dispatching and decision making criteria according to the distribution of orders in the context of 5PL transportation logistics operator`s functions was described.

Key words: *transportation logistics, 5PL, intelligent scheduling systems, proactive dispatching, multi-agent systems, scheduling by conditions.*

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ON ALGORITHM DESIGN FOR SPATIAL PRIORITIES IDENTIFICATION TO IMPLEMENT INFORMATION AND CONSULTING SYSTEM IN MUNICIPAL AREAS OF ORENBURG REGION

The article describes the algorithm to identify the spatial priorities for implementation of information and consulting systems into municipal areas. The algorithm is based on optimization modeling and percolating cluster calculation.

Key words: *information and consulting system, optimization, modeling, priority area.*

L. A. Vitvitskaya

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INTERACTION DEVELOPMENT RISKS BETWEEN UNIVERSITY INDIVIDUALS

The article deals with the risk-based development of interaction between university individuals in student-oriented educational process. Acknowledgement of educational risks, their evaluation and minimization forecast educational process development and influence quality of education.

Key words: *risk, risk-science, risk-based development of interaction, resources of interaction development, student-oriented educational process.*

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M. B. Rafe

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ON INTEGRATED APPROACH TO MILITARY PROFESSIONAL ORIENTATION SYSTEM ORGANIZATION

The article describes an approach to the organization of the military professional orientation system, based on the organizational activities results prediction. The activities are aimed at the formation of the qualities which are necessary for young men to make decisions concerning national defense capacity guaranteeing. A mathematical apparatus that enables to evaluate the activities' effectiveness was suggested.

Key words: *military training, requirements to military-oriented professions, quality assessment, power polynomial.*