

ABSTRACT&REFERENCES

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FORMATION NETWORK FEATURES RESEARCH OF EXTRACURRICULAR EDUCATIONAL ESTABLISHMENTS IN LOCAL EDUCATIONAL DISTRICTS

p. 6-9

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The main directions of development of extracurricular educational establishments network are examined in research. Proposals for improving the network of extracurricular establishments in the structure of territorial educational districts have been formed. It is established that the perspective development of the network of educational institutions is carried out on the basis of groups of architectural and town planning principles, among which accessibility, flexibility, cooperation and blocking of the territories of educational establishments are especially important for the formation of the network of additional education institutions

Keywords: network of extracurricular establishments, local education districts, architectural and urban planning principles

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ANALYSIS OF THE PREREQUISITES OF THE FORMATION OF OPEN LABORATORIES, AS A RESULT OF THE INTERDISCIPLINARY APPROACH TO RESEARCH

p. 9-12

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The article considers the conditions for creating open laboratories on the basis of research complexes with the aim of creating tools for interaction between research of various industries in order to achieve the maximum intensity of the modern scientific process. It is noted that the process of forming a new flexible planning layout of the research laboratory, which will facilitate collaboration between researchers and expand the boundaries of the fundamental sciences, requires the creation of a universal laboratory module capable of rapid reconfiguration

Keywords: scientific process, interdisciplinary approach, research, flexibility, adaptability, laboratory, open laboratory

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THE HISTORY OF RESEARCHES OF FORESTS AND FORESTRY IN VOLYN REGION

p. 13-16

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History of forests and forestry in Volyn region from ancient times to the present day is investigated. The extent of human impact on forests is described. The modern problems of forests and forest resources in Volyn region are considered. The system of measures, aimed at ensuring rational use and reproduction of forests and improvement of environmental situation in the region's forests is justified

Keywords: forest, forest resources, forestry, potash, sawmills

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DEFINITION OF THE METHANE-GENERATING POTENTIAL OF FIELDS OF THE VELYKI MOSTY MINES NO 3, 4, 6 OF THE MEZHRYCHCHYA GAS-COAL FIELD

p. 17-24

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For the first time the common methane-generating potential of fields of the Velyki Mosty mines (N 3, 4, 6) of the Mezhyrichchya gas-coal field was calculated.

Its volume in Earth's bowels which was established according by geological, laboratory-analytical and statistical methods on 255 coal seams and layers drilling by 374 wells was defined in the next quantity: mine VM No3 – 75149 million m³, mine VM No 4 – 157458 million m³, mine VM NNo 6 – 125564 million m³, in sum – 358171 million m³.

It was proved that the next quantity of the methane from peat bed in atmosphere on the peat stage of coal formation was exited: mine VM No 3 – 1517 million m³, mine VM No 4 – 3173 million m³, mine VM No 6 – 2537 million m³, in sum – 7227 million m³

Keywords: methane generating potential, peat, coal, layer, seam, mine field, field, well

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DEVELOPMENT OF STRATEGIC MANAGEMENT MODELS OF INTEGRATED CORPORATE STRUCTURES

p. 25-32

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In the article features of the organization of strategic management by the integrated associations of subjects of managing are considered. The use of maximizing the manifestation of integration and synergetic effects as guidelines for the strategic development of integrated education is proposed. An aggregated representation of the model basis of strategic management of an integrated business association, distributed within the framework of the prospects of a balanced scorecard
Keywords: strategic management, business entities, scorecard, modeling, balanced scorecard

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ANALYSIS OF THE THE CURRENT STATE OF MANAGEMENT OF PERSONNEL POLICY FORMATION PROCESSES OF THE ENTERPRISE

p. 29-32

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The article analyzes the current state of management of personnel policy formation processes. The main types of personnel selection are considered, special attention is focused on the necessary and additional selection. The situational plan of supply and demand of labor resources at the enterprise is analyzed. Areas of improvement of the situation are given at the ratio of supply and demand of labor resources at different structural levels

Keywords: personnel policy, control, labor, movement, current state, enterprise, management

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RESEARCH OF METHODOLOGICAL PROVISION OF MATERIAL INCENTIVE FOR THE ACTIVITIES OF INNOVATION AND TECHNOLOGICAL DEVELOPMENT

p. 32-37

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The article defines the nature of income, expenses and profit from the activities of enterprises for innovation and technological development; feasibility of establishing the net profit within their fund, out of which consumer share is to be used as bonus payments for employees. It is suggested to use the graph theory for providing the efficiency of innovation and technological activities in manufacturing enterprise. Methodological provision is grounded for calculating bonus payments for employees of enterprises ensuring innovation and technological development

Keywords: innovation and technological development, material incentive, graph theory, profit share, model

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INVESTIGATION OF CLASSICAL-ROMANTIC TRADITIONS IN THE EARLY PIANO COMPOSITIONS OF A. LUBCHENKO

p. 38-42

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The classic-romantic tendencies of early piano concerts of the composer; pianist, conductor; laureate of international competitions Anton Lubchenko are considered in the article. There have been noticed genre preferences, style, harmonic means, melodic expression of the thematism. The stylistic features of the concerts are disclosed in the author's focus on the theme-melody as the main medium of figurative content, the classic ways of form organization, tonal thinking in a twelve-tone scale

Keywords: classic-romantic style, traditions, musical forms, harmonic means, melodic expression of the thematism, pianism

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DEVELOPMENT OF THE METHOD OF IMPLEMENTA- TION OF THE EUROPEAN UNION'S DIRECTIVES TO THE LEGISLATIVE BASE OF UKRAINE IN THE FIELD OF BIO- DIVERSITY

p. 43-51

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A technique is proposed that allows to formalize the procedure for implementing the legislative framework of Ukraine in the EU Di- rective on environmental biodiversity. A distinctive feature of the methodology is its orientation to the method of analyzing hierar- chies, which makes it possible to obtain a quantitative assessment of the level of implementation.

The features and options for implementing the main stages of imple- mentation are considered. A formula is proposed for calculating the integral indicator of the conformity assessment of the contents of articles of the laws of Ukraine with the EU Directives

Keywords: implementation, EU Directives, laws of Ukraine, criteria, assessment, weighting factor, analytic hierarchy process

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EVALUATION OF THE QUALITY OF TEACHING AS AN ELEMENT OF MANAGEMENT OF JOINT INTERNATIONAL EDUCATIONAL PROJECT

p. 51-59

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Project management of educational services in international market is impossible without evaluation of the quality of teaching. In innovative project management methodology for the provision of educational services is applied the general calculation of a quantitative assessment of the quality of teaching. To significantly reduce the time for calculations, the universal computing program has been created, which allows to process extensive data blocks with the visualization of the results in the two-dimensional coordinate system

Keywords: project management of education, universal computing program, quantitative assessment of the quality, fundamental approaches of project management, international educational program

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ANALYSIS OF DISCRETE-PROBABILISTIC INFORMATION TECHNOLOGIES OF EVALUATING TECHNICAL AND ECONOMIC INDICATORS OF PRODUCTION

p. 52-65

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The article reveals some questions of the analysis of technical and economic indicators of the company's activities concerning the forecasting of the production program, the technological process of manufacturing products, the efficiency of using materials, pricing policy, profitability and some others.

Discrete-probabilistic calculations provide an opportunity to obtain more accurate representations and conclusions about the technical and economic performance of the enterprise, which characterize the effectiveness of production operations and the necessary resource support

Keywords: measure, technology, technical and economic indicators, system-information approach, discrete-probabilistic information

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STROBING THE MOVING OBJECTS MARKS IN THE IMAGE PROCESSING SYSTEM WITH STATIONARY VIDEO CAMERA

p. 66-71

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The method of a fast-acting increase in the images processing system with a stationary camera is offered by applying the strobing operation to detected objects. The article gives a short analysis of the most often used practice methods of tracking moving objects on images with a static and dynamic background. Also the fast-acting parameters are given and analyzed for the synthesized method in the condition of a high interference

Keywords: *image processing, tracking algorithms, image recognition, strobing the marks, shooting trainer*

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