

ABSTRACT&REFERENCES

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MAIN APPROACHES TO EVALUATION OF ECONOMIC POTENTIAL OF CONSTRUCTION ENTERPRISES IN THE MODERN CONDITIONS OF BUSINESS

p. 6-9

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In the article the modern scientific approaches to the estimation of the economic potential of the enterprise are analyzed, the main tendencies and factors of influence on the economic potential of construction enterprises are determined. The article is devoted to the study of theoretical and methodological approaches to determining the economic potential of development of construction enterprises. A systematic study of the general characteristics of the enterprise's potential has been carried out and priority directions for choosing the development of the economic potential of the enterprise have been determined. The necessity of understanding the potential of the enterprise in the unity of all its elements, which are subject to the achievement of the general goals of the enterprise, is substantiated

Keywords: enterprise potential, evaluation, construction industry, resources, brand, economy, development, investment attractiveness, methods, investments

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EVERYDAY ACTIVITY OF UKRAINIAN PRISONERS OF WAR INSIDE AND OUTSIDE THE PRISON CAMP (RASTATT, GERMANY) IN OCTOBER-DECEMBER 1917

p. 10-12

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The article deals with the specifics of the camp and out-of-prison daily routine of captive Ukrainians in Rastatt (Germany) in October-December 1917. Particular attention was paid to highlighting circumstances that significantly influenced the intensity of cultural and national life. It is proved that the community of captive Ukrainians «Independent Ukraine» at this time had a constructive influence on all manifestations of life of the camps

Keywords: prisoners Ukrainians, prison camp, community, Rastatt, Germany

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14. TsDAVO Ukrayiny, f. 4406, op. 1, spr. 161, ark. 1 zv.
15. TsDAVO Ukrayiny, f. 4406, op. 1, spr. 28, ark. 47.
16. TsDAVO Ukrayiny, f. 4406, op. 1, spr. 164, ark. 1.
17. TsDAVO Ukrayiny, f. 4406, op. 1, spr. 25, ark. 19 zv.

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SYMBOLISM OF CLOTHING AS AN IMAGINATED PLASTIC METAPHOR IN THE CONTEXT OF ETHNIC DEFINITIONS OF LIUDMILA SEMYKINA

p. 13-16

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The article is the result of an art study of the author's clothing series by artist Liudmyla Semykina. The main focus of this work is analysis of the image-plastic symbolism of the clothing in the context of ethnic definitions, as well as the mythopoetic reconstructions of Scythian-Sarmatian and ancient Russian attire. The author's reading of the sacral, aesthetic, functional tasks of the costume became, in fact, a plastic embodiment of the artist's spiritual credo, which made it possible to draw parallels with the ancient cultures that

influenced the formation of the megacultural context of modern Ukraine. A comprehensive analysis of the collection of L. Semykina's clothing revealed the peculiarities of the artist's plastic and plastic worldview, the nature of the formal techniques inherent in her artistic manner. The problem of synthesis of design, plastic and color solution of the structures is considered, where L. Semykina acts in the positions of theorist, artist, designer

Keywords: image symbolism, ethnic motives, definition, stylization, mythopoetics, semantics, figurative-plastic metaphor, structural features

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APPLICATION OF BIG DATA TECHNOLOGIES FOR MONITORING SOCIAL PROCESSES AT THE UNIVERSITY

p. 17-23

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This article discusses the use of big data for monitoring social processes. For this, the relationship of big data and sociology is examined. As an example, let's conduct monitoring at the university. For this, some basic methods and tools of big data are considered, on the basis of which an algorithm for determining social processes and their monitoring is compiled

Keywords: big data, sociology, social processes, monitoring of social processes, university

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CREATION OF A DISTANCE SYSTEM FOR PREPARATION FOR ENTRANCE EXAMS FOR OBTAINING MASTER'S DEGREE

p. 24-30

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The aim of research is the development of the distance learning system “StudyMaster” using Internet technologies to help prepare students for entrance to the master’s program. For this, distance systems and distance learning are considered, including the study of the theoretical, methodological and practical aspects of organizing this type of training. To develop this system, the site structure, course diagram, and conceptual database diagram of the StudyMaster system are also considered.

Keywords: distance learning system, distance learning, student, teaching, StudyMaster, educational technology, master’s program

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APPLICATION OF METHODS OF FUZZY MATHEMATICS IN PROBLEMS OF EVALUATION OF CONSTRUCTION PROJECTS

p. 31-34

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The character of the uncertainty that accompanies the task of evaluating and comparing construction proj-

ects has been investigated. Fuzzy factors have been systematized, most often complicating the examination of projects in which the objects of construction were not finalized at the time of evaluation. Partial evaluation criteria have been formalized, which will provide a sound justification for choosing the best project in the context of compositional uncertainty. The scheme of formation of integral evaluation criterion has been offered. Models and methods of fuzzy mathematics have been used in formalizing partial and forming integral evaluation criteria

Keywords: construction project, composite uncertainty, criteria for evaluation, effective objects, fuzzy factor

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**IMPROVING THE TURNING PROCESS
EFFICIENCY FOR MORTAR PUMP CYLINDER
LINER**

p. 35-41

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The results of a scientific study related to improving the efficiency of turning process for mortar pump cylinder liner are presented. A literary analysis of the issue of turning optimization is carried out. Professor Larin's criterion is applied. It provides the longest cutting path, that is, the least cost of the cutting tool when machining a batch of products. Precast lathe cutter equipped with a non-grinding plate of rhombic shape of metal-ceramic hard alloy T15K6 is used as a cutting tool

Keywords: mortar pump, cylinder liner, hard alloy, wear criterion, tool resistance, cutting distance

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