

Pedagogy and Psychology

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An Essential Characteristic of Methodical Culture of a Teacher

Keywords: methodical culture; pedagogical theory; innovation activity; humane pedagogical position; pedagogical creativity; conceptual apparatus; didactics, social activity.

Abstract: The paper deals with methodical culture as a universal phenomenon that preserves and promotes the development of human culture throughout the different levels of human activities and relationships. The methodical culture is a part of human culture that accumulates spiritual and material values, and ways of creative pedagogical activity that support the historical process of change of generations and socialization. The levels of development of humane pedagogical position of a teacher are defined. The conclusion about the necessity of an integrated approach to the study of the categorical apparatus of methodical culture has been made.

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The Study of Motivation and Needs of Children Involved in Team Sports

Keywords: motivation; sports needs; physical fitness; young athletes.

Abstract: The article discusses the features of juniors' motivation at different stages of athletic training in team sports. On the basis of special studies we identified the dominant motives of young athletes for athletic training, studied psychological climate in groups, and determined the levels of motivation of juniors at different stages of athletic training.

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Special Musical Activities Oriented at Speech Development in Children with Severe Speech Disorders

Keywords: speech therapy; preschool; general underdevelopment of speech; dysarthria; motor alalia; speech defect structure; musical development; speech therapy.

Abstract: The article describes the structure of speech defects under motor alalia and dysarthria, presents a methodology to overcome speech disorders in preschool children in the process of musical activity.

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A.S. Leonova

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On the Development of Training Module "Introduction to Information Management for Translators"

Keywords: information and documentation management in translators' work; information and documentation management competence; information management; training module.

Abstract: The paper proves the necessity to develop translators' competencies in information and documentation management in the context of modern educational framework. The authors described a training module "Introduction to Information Management for Translators" which has been elaborated and tested at Dobrolyubov Nizhny Novgorod Linguistics University.

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The Core Socio-Psychological Qualities of Prosecutors' Professional Identity

Keywords: identification; prosecution workers; professional identity; self-determination; socio-professional group; socio-psychological qualities.

Abstract: The paper examines professional identity as a socio-psychological phenomenon; the concept has been defined with reference to socio-professional group of prosecutors. It is shown that in the course of empirical studies professional identity of young prosecutors is determined by the main socio-psychological qualities: kindness, sociability, self-actualization, commitment, success and independence.

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Electronic Educational Resources for Simulation

Keywords: virtual laboratory stands; graphical user interface; simulation; educational process; learning information package.

Abstract: In order to optimize the educational process the authors have developed an electronic learning information package for the subject «Simulation» in the HTM format; virtual laboratory stands are of particular interest as they enable students' access to the up-to-date high-tech equipment and software. MATLAB SIMULINK software environment was selected as the main software tool for the development of virtual laboratory stands.

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Model of Developing Axiological Values in High School Students in Profile Training

Keywords: axiological values; model; professional self-identity; profile training.

Abstract: This paper describes a model of developing axiological values in high school students in profile training, which is based on constructs of systemic, synergetic, learner-centered and axiological approaches. Structural elements of the model (target-orientated, content-based, activity-orientated, productive) describe the internal organization of the process of development of axiological values in high school students.

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Yu.M. Tikhomirova

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Structural Components of Psychological Readiness of Penal System Workers for Professional Activity

Keywords: penal system workers; psychological readiness for professional activity; structural components of psychological readiness.

Abstract: This paper contains the theoretical description of structural components of psychological readiness of penal system workers for professional activity. Five basic components have been described.

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History, Philosophy and Sociology

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Khakas State University, Abakan

Features of Economic Activity of New Religious Movements of Russia (on materials of Church of the Last Precept)

Keywords: Church of the Last Precept; history of religion; new religious movements.

Abstract: The article discusses the features of economic activity of Russian new religious movements (on the example of Church of the Last Precept). The author comes to the conclusion that its specific directions are defined by dogma.

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Mathematical Methods and Models

Yu.Ya. Golub

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Analytical Analysis of Fractal Dimensionality of Cross Rates of the Two Currencies

Keywords: anti-persistent; default; Euro rate; fractal dimensionality; persistent, time series.

Abstract: The paper focuses on fractal dimensionality of time series of one currency in relation to another, for example, the rate of Euro in relation to US dollar, and vice versa. The fractal dimensionality for time series is defined by Hurst index. The author studies the possibility of proving fractal dimensionality of cross rates. The proof of both persistent and anti-persistent time series for special cases is given.

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Computer Science

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Methodological Aspects and Basic Algorithm for Automated Generation of Resource Management Strategy of a Bank under Conditions of Risk

Keywords: bank risk; algorithm; bank assets; liabilities; bank liquidity; banking operations; bank profits; information; software; software package.

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Abstract: The paper describes the results of the development of a universal basic algorithm for automated allocation of bank resources while crediting on the basis of optimal risk management strategy.

V.S. Simankov, D.M. Tolkachev

Kuban State Technological University, Krasnodar

Identification of Semantic Relations between Sentences for Automated Text Summarization

Keywords: semantic relations; automatic text summarization; regular expressions; pronominal anaphora; logical connections; introductory words.

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Abstract: The paper analyzes semantic relations between sentences and presents methodological positions to identify them for automatic text summarization.

Economic Sciences

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Prospects for the Development of Public-Private Partnerships in the Form of Project Financing in Russia

Keywords: project financing; state; state-private partnership; investment project.

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Abstract: The author considered the existing structure of implementation of investment projects in the form of project financing of state-private partnership. Characteristic features of state-private partnership are given. The author considered the advantages of using state-private partnership when implementing investment projects.

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The Features of Practical Implementation of Automated Management of Bank Resources while Crediting Enterprises under Conditions of Risk

Keywords: algorithm; bank assets; banking activity; banking profit; banking resource; credit activities; liquidity; banking liabilities; risk; strategy of bank resource management.

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Abstract: The paper considered the main problems of bank resource management in lending under conditions of risk. The main structural features of solutions and implementation subsystems and modules of developed RRB-01 software complex automated management of bank resources are presented. The problems of achieving the RRB-01 universality, construction and implementation of the original information and special software complex are considered.

L.L. Gishkaeva

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Theoretical Analysis of the Nature and Features of Labour Market

Keywords: wages; immigration; trade; labour force; labour market; labour cost; labour; level and quality of life; labor costs; human capital.

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Abstract: The paper presents the theoretical analysis of some aspects of labour theory, and discusses the features of the modern labor market in developed countries.

D.V. Sidorovnin

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Organizational and Functional Bases of Developing Export Potential of Defense-Industrial Complex Enterprises

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Keywords: defense-industrial complex enterprises; export activity; export potential; market environment; market orientation; non-price factors of increasing competitiveness.

Abstract: The paper analyzed the key issues of developing export activity of defense industrial complex enterprises in current market conditions. The author described the schemes which determine the basis for expansion of export potential; the need for strengthening market-oriented management of enterprises was stressed.

I.V. Shatskaya

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Modernization of the Russian Economy as an Alternative to Dependence on Raw Materials

Keywords: innovative development; modernization; dependence on raw materials.

Annotation: The paper focuses on the two alternative directions of the Russian economy development: raw orientation and stimulation of innovative activity. The author describes the main issues which stop the development of innovative potential of domestic economy and slow down the process of system modernization in Russia.

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Institutional Framework for Sharing Innovation in Modern Business

Keywords: innovative activity; economics; entrepreneurship; institutional economics; state regulation of integration processes; sharing of innovations.

Abstract: The paper considered alternative approaches to the development of procedures and processes of regulating innovation activity. Current approaches to preservation and development of innovative potential of enterprises in multiple markets were described.

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Legal Regulation

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Some Aspects of Revocation of Private (Closed) Wills in Russia and Belarus

Keywords: inheritance by will; testator; private (closed) will; revocation of will.

Abstract: The article analyses theoretical and practical problems of private (closed) wills in Russia and Belarus, as well as the conditions of their revocation. On the basis of notarial, judicial practices and doctrinal ideas the author proposes a number of measures on prevention of revocation of private (closed) wills through the improvement of their legal regulation.

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I.A. Yatsenko

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Improving Decision-Making in the Executive Authorities as a Factor of Political Process Institutionalisation in Russia

Keywords: political process; political system; political institution; state management.

Abstract: The author describes the features of current global political processes. The specific character of politic processes in Russia is presented. General and complex approaches are analyzed. The analysis of the political process in modern Russia from the point of view of the institutional approach is made. The main problems of institutionalization in Russia and the characteristic of modern political institutions are discussed.

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