

Pedagogy and Psychology

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Pedagogical of Support of Learners' Choice of Core Subjects in Pre-Core Training

Keywords and phrases: choice of core subjects; learners' pre-core training; pedagogical support

page 7-12

technology; psychological and psycho-pedagogical support technology.

Abstract: The problem of pedagogical support at the stage of pre-core training is raised in the study; different sources on the problem have been analyzed; the concept of "core subjects' choice" has been discussed. The effectiveness of pedagogical support technologies has been verified.

T.V. Lugovskaya, E.V. Sokolova, T.V. Kazakova

Lesosibirsk Affiliate of Siberian State Technological University;

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Psychological Peculiarities of Teenage Orphans Prone to Theft

page 13-15

Keywords and phrases: adolescence; causes of teenage theft; deviant behavior; diagnostics propensity for theft; emotional deprivation; inclination to theft; psychological features of orphans; theft.

Abstract: The article discusses the phenomenon of adolescent theft; the causes of stealing have been identified, some psychological peculiarities of teenage orphans revealed in the result of the diagnostic study of adolescents who are prone to stealing have been described.

History, Philosophy and Sociology

A.S. Zhulayeva

Siberian State Technological University, Krasnoyarsk

Everyday life of a Siberian village in the Early Decades of the Soviet Rule (Gender Analysis)

Keywords and phrases: evolution of moral culture; everyday life; family disorganization; gender aspects of history; lifestyle.

page 16-18

Abstract: The author analyzes the changes in the everyday life in the Soviet Siberian village. The paper reveals the gender aspects of the history of the Siberian village. The author examines the evolution of family relationships and moral culture of rural women; the notions of lifestyle and household have been explored.

M.V. Kashirina (Verner)

Khakassia State University named after N.F. Katanov, Abakan

False Interaction: to the Definition of the Concept

Keywords and phrases: interaction; false interaction; false social interaction; ritual; simulacrum; social exchange; tradition.

page 19-21

Abstract: The article defines the concept as false interaction as a form of social interaction. The concepts related to the notion of 'false interaction', such as 'simulacrum', 'imitation', 'social ritual', have been discussed; the specificity of the examined concept in relation to others has been revealed.

E.V. Sokolova, R.S. Chistov, O.B. Lobanova

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The Inconsistency of Political Views of Modern Youth in the Period of the World Financial Crisis as a Form of Social Exclusion

page 22-25

Keywords and phrases: exclusion; financial and economic crisis; political activity; political views; political parties; public organizations; social policy; young people.

Abstract: The article considers the peculiarities of political views of modern youth; orientation and contradictory nature of its political views in conditions of the world economic crisis as a form of social exclusion have been identified. Based on the results of the survey conducted among Russian and German youth the article provides a comparative analysis of the political orientations of the modern generation of both countries.

T.N. Shishkareva

South-Western State University, Kursk

Activities of Township Courts in 1861–1889 in the Kursk Province

Keywords and phrases: peasant society; peasant public administration; township court; township judge; township gathering.

Abstract: The article examines the activities of the peasant township courts in the Kursk province in the post-reform period. The author studied political and legal foundations of the peasant courts. The analysis of factual material allowed the author to reveal the basic tendencies and contradictions in their activities.

page 26-30

N.P. Shok

First Moscow State Medical University named after I.M. Sechenov, Moscow

Christian Ethics and Epidemics of the 2nd–3rd Centuries

Keywords and phrases: Christian Ethics; epidemic; history of medicine; history of science.

Abstract: In the 4th–5th centuries health care was rapidly expanding, but the circumstances of its origin were properly investigated. During the epidemics that hit the Roman Empire in the 1st–3rd centuries organizational and ethical framework of health care was developed in its modern sense. This meant the emergence of hospitals, where medical treatment and other forms of social assistance, as well as spiritual help were provided to the needy people regardless of their social status and property qualification. In this context, we considered known historical event - Kiprianova plague, for which the data was stored.

page 31-36

Philology

E.M. Guseynova

Azerbaijan State Economic University, Baku (Azerbaijan Republic)

The Category of Plurality as a Language Category

Keywords and phrases: agreement; full agreement; grammeme; plural; singular.

Abstract: The article deals with the study of the category of plurality. The article investigates the aspects of plurality in the English and Azerbaijani languages. The various kinds of viewpoints on the grammatical attitude between the subject and the predicate in the studied languages have been considered.

page 37-40

N.G. Isayeva

Azerbaijan University of Languages, Baku (Azerbaijan Republic)

Synonyms and their Role in the Formation of Dialogic Text

Keywords and phrases: communication; dialogic text; speech situation; synonyms.

Abstract: The author tries to define the role of synonyms in the formation of dialogic text. The author mentions the need for the analysis of communicative core of the phrase which is the part of the dialogic text, where synonyms are used. Besides, the author underlines that synonyms play both subsidiary and illustrative roles as it is often mentioned in the linguistic literature.

page 41-44

Engineering

S.N. Kazantsev

Perm Military Institute of Interior Troops of Interior Ministry of RF, Perm

On the Effect of Motor Resource of Propulsion Units on the Reliability of Armored Vehicles

Keywords and phrases: armored vehicles; engine; fuel equipment of high pressure; high-precision pump parts; reliability.

Abstract: The paper describes the degree of the influence of engine capacity on the reliability of armored vehicles through the dependence of the generalized indicator of reliability on the failure rate of the fuel high-pressure equipment with a probabilistic and statistical character.

page 45-48

S.V. Makarov, S.B. Sapozhkov

Yurga Technological Institute - Affiliate of National Research Tomsk Polytechnic University, Yurga

Equipment for the Experiment in Introducing Nanopowders in the Welding Electrode

page 49-53

Keywords and phrases: circuit diagram; electrical unit; nanopowder; transformer; wiring.

Abstract: The article discusses the technological equipment used during the introduction of nanopowders of complex composition into the electrodes for manual arc welding. The main characteristics of the equipment, as well as a circuit diagram have been described.

Electronics, Measuring Equipment, Radiotechnics and Communication

A.G. Merkulov

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Quality Assessment of VoIP Signals Transmission via Digital HV Power Line Carrier Channels

Keywords and phrases: high voltage power line carrier communication; E-Model; IP-networks.

Abstract: The article is devoted to the study of VoIP transmission quality via Digital Power Line Carrier channels. The quality assessment of transmission is performed using the E-model. The paper considers the possibility of combined application of digital power line carrier equipment with different architecture in one network. As a result of the study, the rule for constructing of multi-segment Digital Power Line Carrier channels has been formulated. This rule allows minimizing the transmission delay and saving the frequency resources of the high voltage power line carrier range.

page 54-59

I.I. Savenko, M.S. Sukhodoyev, S.G. Tsapko

National Research Tomsk Polytechnic University, Tomsk

Platform of Structural Description of Onboard Repeater Schemas

Keywords and phrases: designing; onboard repeater; platform.

Abstract: The paper considers the tool for describing onboard repeater schemes in the form of a platform developed in C++ language using cross-platform *Qt* library. On the basis of the described platform the authors developed a programming tool for monitoring and control of onboard repeater.

page 60-62

Economic Sciences

S.N. Goncharov

Naberezhnye Chelny Institute - Affiliate of Kazan (Volga) Federal University, Naberezhnye Chelny

Neural Network Model of Synthesis of New Competitive Advantages of the Truck

Keywords and phrases: innovation; life cycle; neural network; truck.

Abstract: The existing solutions in the field of automation of production and development of CALS technologies provide the possibility of reducing defects and making products with the given technical characteristics. However, these technologies cannot guarantee the competitiveness of products as it is affected by a variety of external factors including preferences of individual customer. The new approach to the expansion of possibilities of companies to increase the competitiveness of their products is described by the example of truck manufacturing. It is proposed to use intellectual systems of decisionmaking support on the basis of neural networks. For ensuring the necessary effect it is offered to provide the complex analysis of information space throughout the whole life cycle of a concrete product.

page 63-66

N.V. Safonova, V.I. Kalombo Mulamba

Kuban State Technological University, Krasnodar

The Role of Mortgage Lending in Economic Development

Keywords and phrases: mortgage; mortgage lending; mortgage system; property mortgage.

Abstract: The paper analyzes the recommendations of leading experts for further national economy development. On their base the development prospects of mortgage lending in today's economy have been formulated. The international experience in the field of mortgage and mortgage lending has been considered.

page 67-69

Legal Science

E. Borzilo

Russian School of Private Law, Moscow

Collective Boycott: Matters of Legality

Keywords and phrases: competition; cartel; goods; entity; per se; limitation; reasonableness; protection.

page 70-72

Abstract: The author studies the nature of collective boycotts. Both the nature and the purpose of collective boycotts as well as their causes have been analyzed. The author also challenges the commonly approved approach to the illegality of collective boycotts.

Political Science

E.N. Pets

Hertzen Russian State Pedagogical University, St. Petersburg

National Cultural Identity as a Basis for Solving the Problem of Realization of Individual and Group Rights in the Multicultural British Society

Keywords and phrases: equality of opportunities; identity; liberalism; multiculturalism; national culture; state regulation.

page 73-76

Abstract: The multiculturalism in the UK has set the question for liberal society about the realization of the rights of cultural groups without infringing on individual rights. The article examines the contradictions of liberal ideas about the equality of opportunities and realization of interests of groups in a multicultural society and argues the consolidation of civil and national identity strategy in domestic politics.

Scientific reviews

O.V. Voronkov a

Tambov State Technical University, Tambov

Geopolitical Role of Russia in Central Asia

Keywords and phrases: Central Asian region; recommendations for the settlement of water conflict in the Central Asian region; Russian Federation; water conflict.

page 77-79

Abstract: The author reviews the article of O.A. Boyarkina on some recommendations for the settlement of water conflict in the Central Asian region with the help of the Russian Federation.

Proceedings of the IV International Scientific Practical conference

“Prospects and Pace of Scientific Development”

Introduction by the Chairman of the Organizing Committee

O.V. Voronkova

Tambov State Technical University, Tambov

International Projects to Develop Research Activities in Russia

Keywords and phrases: booming market; development of research base; high scientific potential of the Russian Federation.

page 81-83

Abstract: The international partners of Russia are beginning to understand its high scientific potential, which leads to the expansion of international research links on the territory of the RF.

Problems of Legal Regulation

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ОАО «Архангельскгеолодобыча», Arkhangelsk

The Experience of Developing Safety Management Systems of Contract Works Based on Risk Assessment

Keywords and phrases: contracting; hazardous production facilities; risk; safety management system.

Abstract: The changes in the legislation on ensuring the industrial safety require developing of safety management system of contract works. The main methodological approaches to the development of safety management system of contracting services, which are based on risk assessment of contract works, have been discussed.

page 84-86

I.Yu. Shumova

Belgorod University of Cooperation, Economics and Law, Belgorod

Agro-Holdings as Subjects of Business Activity

Keywords and phrases: agro-industrial integration; agro-industrial complex; agro-holding; holding company.

Abstract: The paper discusses the issue of the origin and development of agro-holdings; the essence of the concept of agro-holding has been explained; the main directions in the improvement of legislation regulating agro-industrial structures of holding type have been discussed.

page 87-91

Social Economic Problems of Society Development

A.S. Zhulayeva, G.M. Lushchayeva

Siberian State Technological University;

Siberian Federal University, Krasnoyarsk

New and Old in the Worldview of Rural Population in Siberia in the First Decades of Soviet Rule

Keywords and phrases: behavioral stereotypes; novelty; socio-political views; “military” man type; traditions; worldview stereotypes.

Abstract: The authors analyze stereotypes in the worldview and behavior of rural population. Sociopolitical views of the Siberian peasants have been described. The authors study the features of mass ideology of peasants and the concept of the “military” man.

page 92-94

T.B. Malinina

St. Petersburg State University, St. Petersburg

Time as Social Dimension

Keywords and phrases: free time; social time; working time.

Abstract: In the article the concept of time is described as a quantitative characteristic of the basic social processes of social life: production and consumption.

page 95-98

I.O. Nadtochiy, S.O. Nadtochiy

Voronezh State Forest Technical University named G.F. Morozov;

Voronezh Institute of High Technologies, Voronezh

Ethical Issues of Modern Philosophy

Key words and phrases: applied ethics; conscientiousness; ethics; ethical consciousness of society; law; moral culture of people; morality; professional ethics; professional responsibility; social ethics.

Abstract: The article deals with the problems of institutionalization of ethics in modern society and culture. The focus is put on some fundamental philosophical issues that make the institutionalization of ethics problematic, including the transformation of ethics into law, the spread of applied ethics, the replacement of personal responsibility by professional code of ethics, etc. The idea that the development of moral culture of an individual and society will improve the quality of professional ethics is substantiated.

page 99-102

V.N. Filipova, A.P. Preobrazhensky
Voronezh Institute of High Technologies, Voronezh
The Influence of Tourism on Personality and Society Development

page 103-105

Keywords and phrases: benefit; society; tourism.

Abstract: The paper considers social and economic aspects of the influence of tourism on personality development and its role in the society.

Machine Building and Instrumentation

E.V. Korneyeva
Siberian State Industrial University, Novokuznetsk

**Application of Steelmaking Slag
in the Production of Composite Materials**

page 106-108

keywords and phrases: composite materials; industry; slag; technology; waste.

Abstract: The paper deals with the issue of using steel slag in manufacture of composite materials; it makes it possible to solve problems of utilization of hazardous waste and increase resource saving.

Information Technology Development

I.I. Savenko , M.S. Sukhodoyev , S.G. Tsapko
National Research Tomsk Polytechnic University, Tomsk

**Structural Descriptions Framework
of Onboard Repeaters Schemas**

page 109-110

Keywords and phrases: design; framework; onboard repeater.

Abstract: This article describes a tool for describing onboard repeater schemes representing the platform developed in C++ using cross-platform library *Qt*. The software complex for monitoring and control onboard repeater was designed using the platform that described in this article.

Modern Philology Problems

OMAR LAROUK
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**Seeking Textual Information in Multilingual Data of the Web: How Syntactic Factors
Guide the Reformulation of Queries**

keywords and phrases: queries; multilingual search engines; factors affecting; evaluation; information retrieval; cognition.

Abstract: Access to digital data through Web servers and databases is facilitated by search engines. Following a request from the user, the search engines have a list of references and web pages. The effective selection of relevant documents is very difficult due to the low accuracy in the list. Typically, the user visits the first page referenced in the list, but it does not consult the fiftieth. As it is difficult to assess document relevance language all references obtained, the researcher needs tools to filter the list of answers by metadata on content of reference. So, the textual analysis is a part of linguistics and information systems that address the problems faced by users when searching for information on the web and in catalogs (OPAC) libraries. In this article, we describe the problem of language queries when we look for information in an automatic (search engine, database, etc.). Indeed, in most cases, since our experience in teaching and computerized literature search, we find today that Internet research is mostly limited to the language of the user while the linguistic dimension opens an additional opportunity to have a wider application. Appropriate responses should be included in the results of search engines, but a mastery of syntax tools is necessary if you want to have more relevant multilingual information. A major challenge is related to the problems of document indexing and another is related to the cognitive and contextual information carried by the texts and poorly analyzed by search engines. We offer treatment responses using the contribution to reformulate the questions for the man-machine dialogue. Reformulation of natural language questions using logical Predicate (Boolean logic) and multilingual predicates enables to 'jump' to positive responses from the web content.

page 111-116

E.V. Dvoretzkaya

Tambov State Technical University, Tambov

On the Status and Characteristic Features of the Andalusian Dialect of Spanish

keywords and phrases: dialectal varieties of Spanish, Andalusian dialect, dialectal features.

Abstract: The article discusses the views of linguists on the status of Andalusian dialect of Spanish. Its position among other languages and dialects of Spain is identified and its main phonetic, lexical and grammatical characteristics are described.

page 117-121

Yu.E. Leshchenko

Perm State Humanitarian-Pedagogical University, Perm

Semantic Networks as a Method of Mental Lexicon Modeling

keywords and phrases: complex networks modeling; connections; mental lexicon; nodes; semantic networks.

Abstract: The paper discusses the possibility of using methods of reconstructing complex semantic networks for the purposes of mental lexicon modeling. Various types of semantic networks (hierarchical, arbitrary, scale-free) are described, the main peculiarities of their structure and principles of analysis are revealed.

page 122-124

M.N. Makeyeva, N.I. Nikulina

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Theoretical Aspects and Practice of Inner Monologue: Rhetorical and Hermeneutical Analysis (Based on the Novel "Human Mother" by Vitaliy Zakrutkin)

Keywords and phrases: inner monologue, hermeneutical tasks, hermeneutical consequences, hermeneutical techniques, hermeneutical act, short inclusions of internal speech, the updating technique, the technique of accentuating the rhythm, reader's attitude.

Abstract: The authors of the article consider the rhetorical and hermeneutical aspect of inner monologue in the novel "Human Mother" by Vitaliy Zakrutkin. Within the bounds of the study they reveal some peculiarities of the stylistic functioning of inner monologues in the novel and give the application examples of the actualization and rhythm accentuating techniques of prosaic narration to stimulate the reader's reflective position.

page 125-133

Quality Management as a Tool of Efficiency

A.S. Baleyeviskikh, K.A. Cherny

Perm National Research Polytechnic University, Perm

The Methodology of Implementation of Some of the Requirements to the Accreditation of Testing Laboratories

Keywords and phrases: accredited testing laboratory; confidentiality; independence; impartiality.

Abstract: Now the accredited test laboratories are focused on the work on the new standard of GOST ISO/MEK 17025-2009 which shows a number of specific requirements and the need for the development of methodology of their implementation. The systems assisting the performance of the requirements to maintenance of independence, impartiality and confidentiality, as well as revealing of demand for additional vocational training are described.

page 134-137

S.R. Krivko, O.V. Telenkova, E.R. Marchenkova

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State Regulation of Service Sector Development in Problem Regions

keywords and phrases: development of service sector; integration; management subjects, mechanism of state regulation; quality; regions; state regulation; synergistic effect.

Abstract: This article discusses the essence and regularities of the mechanism of state regulation of the process of formation of service sectors. The synergistic effect, which is reflected in the indicators of the quality development of the service sectors, has been revealed; the management subjects have been identified.

page 138-140

Progressive Pedagogy

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Intellectual and Artistic Activities of Primary School Pupils

Keywords and phrases: activity approach; development of artistic abilities of primary school pupils; integration of intellectual and artistic activities.

page 141-144

Abstract: The article considers the integrated approach to intellectual and artistic activity in the development of artistic abilities of primary school pupils. The structure and phases of intellectual-artistic activity are considered and the interaction of artistic and intellectual components in primary education is revealed.

N.A. Gunina

Tambov State Technical University, Tambov

Challenges of Course Design for Masters Training in Business English at Technical University

keywords and phrases: Business English; challenges; course design; masters training; professional competence.

page 145-147

Abstract: The paper discusses the current challenges university teachers face when designing a course in Business English for Masters training; the main characteristics of English business communication have been highlighted. The author formulates the learning objectives of Masters training in Business English at technical university.

S.A. Sevastyanova, M.V. Kurganova, S.I. Makarov, E.Yu. Nuykina, L.I. Ufimzeva

Samara State University of Economics, Samara

Problems of Foreign Students' Teaching at Russian Universities of Economics

Keywords and phrases: adaptation of foreign students; e-learning resources; foreign students' teaching; mathematics at university of economics.

page 148-151

Abstract: The authors examine the questions of theory and practice of the foreign students instruction at Russian universities. The urgency of the study is substantiated; the statistical data on the dynamics of number and structure of foreign students are represented. A steady increase in the demand for the educational services provided by Russian universities to foreign users has been noted. The authors give the statistical data on the quantity of foreign students at Samara State University of Economics in the past five years. The authors single out the significant factors, which determine the selection of Russian universities by foreign students. They analyze the basic complexities of the process of teaching.

Important Issues of History, Psychology and Sociology

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From Marxism to "New Right":

Historical Evolution of Ideologies and their Modern Understanding

Keywords and phrases: Marxism; nationalism; right-wing ideology; socialism; social democracy.

page 152-156

Abstract: This article discusses historical, philosophical and political aspects of the evolution of modern ideologies. The article attempts to highlight the problematic aspects of Marxism, and to analyze the prospects of this ideology in the modern post-industrial society. In addition, the ideas of Marxism are compared with the concepts of social-democracy, and the moderate right and extreme right-wing ideologies.

O.V. Tulupova

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The Main Approaches to the Study of Parent-Child Relationship in Foreign Psychological and Educational Literature

Keywords and phrases: family; parent-child relationships; parenting.

page 157-159

Abstract: The paper explores the theoretical approaches to the study of parent-child relationships in foreign psychological and educational literature. The terms 'family', 'parent-child relationship' are defined.

Important Issues of Accounting, Analysis and Auditing

V.G. Abbasov

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Property Relations in the Regulation of Interbranch Connections

Ключевые слова и фразы: corporatization; interbranch connections; ownership; privatization of property; property management.

page 160-162

Abstract: The paper discusses scientific and theoretical bases of regulation of property relations in agriculture. The author focuses on the priorities of economic mechanisms in the regulation of property relations. The economic essence of property is defined. The directions of the development of co-operative forms of ownership have been identified.