

CONTENTS

PHILOLOGY

- Pavlova L.V.* On the Way to the Reader: about the Preparation for the Edition of G.E. Psalmov's Works.
- Zotova O.N.* The Points of Contact between Poetry and Philosophy of Vladimir Solovyov: Thematic Group «Sea».
- Kayanidi L.G.* Symbology of Amethyst in Vyacheslav Ivanov's Poetry: a Functional Thesaurus.
- Dvoenko Y.Y.* Lyrical «I» in Joseph Brodsky's Book «New Stanzas to Augusta».
- Matanenkova T.A.* Analysis of Repeated Companion-Words in the Book «Clouds Through the Trees» by Tatiana Beck.
- Letucheva V.P.* The Features of the Syntactic Structure of Poems by D. Davydov.
- Egorova I.D.* Features of Word Usage in the Poems by V.F. Raevsky.
- Yavtushenko O.V.* The Main Types of Correlation between Anaphora and Coreference in Coordinate Structures.
- Galkovskaya Y.M.* Traditional and New Anthroponimic Resources.
- Kosterina E.V.* The Description of the Pragmatic Level of Language Personality of Military Men Using the Method of Case-Study.
- Kordi E.E.* Taxis Relations in Phrases with Participial and Gerundial Constructions in French.
- Zelenjuk T.A.* Concept «Present Time» with Regard to the Notion of Time.
- Kostygova A.S.* Sarcasm as a Speech Means of the Invasion into the Communicative Space of the Addressee.
- Shamarova S.I.* The Microsystem of Theonyms «God, Deity» in Old English.
- Lestsova M.A.* Linguistic Markers Differentiating Lyrical Genres of English Poets-Sentimentalists of the XVIIIth Century.
- Malets E.V.* Semantic System of Informative Meanings of the Nouns with the Meaning «Speech».

HISTORY

- Dudnichenko G.V.* «The New Torizm»: Political Views of Benjamin Disraeli in the Context of his Literary Heritage.
- Nazaria S.M.* The Position of the Western Powers in the Bessarabian Problem at the Paris Peace Conference.
- Lastovsky G.A.* The Administrative-Territorial Structure and Categories of Rural Settlements of Smolensk Land in the Grand Duchy of Lithuania (the XVth – the beginning of the XVIth centuries).
- Epiphanovsky P.W.* Petitions of Smolensk Citizens to Smolensk Voivodes Concerning Issues of Social Aid.
- Stepanova L.G.* Comparative Analysis of the «European» and «Eastern European» Nuptiality Models Based on Mass Data in Scribe Books.
- Babushkin A.N.* Food Industry and Food Supply Problems during the Great Patriotic War.

PHILOSOPHY, SOCIOLOGY AND CULTURAL STUDIES

- Kochergin A.A.* Conceptualization of Scientific Definitions as a Methodological Problem.
- Muravyova M.E.* Freedom and Justice Transformation in Utopian Projects of a Social System.

BIOLOGY AND NATURAL SCIENCES

- Gildenkov M.Yu.* Seven New Species of the Genus *Carpelimus* Leach, 1819 from Oriental Region (Coleoptera, Staphylinidae, Oxytelinae).

Bunkov K.V., Yourchinsky V.J. Correlation Analysis of Parenchymal-Stromal Mutual Interrelations between Thymus and Testis during Antenatal Ontogenesis as Reflection of Immunogisto Physiological Processes.

Romanova I.N., Karamulina I.A., Marenkova E.A. Agro-Ecological Evaluation of Aurora, a New Sort of Potatoes, on Turf-Podzol Soils of Non-Chernozem Zone of the Russian Federation.

Ataev Z.A. Key Factors in the Development of Small Wind and Hydraulic Power Engineering in Ryazan Province in the XIXth Century.

Ataev R.Z. The Differentiation of the Energy Space of Russia in the Zone of Operation of Pipeline Transport of JSC «Transneft».

Bulgakova A.I. Change of the Image of Geography as a Science in the University Environment of the Russian Empire of the XIXth century.

Grishinev O.N. Evolution of Regional Organization of Society and Energy Space.

Evdokimov S.P. Earth Science Concepts against the Glacial Theory. Overview of the Problem.

Nosonov A.M. Theoretical and Methodological Aspects of Research of Cyclic Recurrence of Territorial Agricultural Systems.

Senkin N.I. Productivity of Biosphere as a Natural Limitation of Population Growth.

Starikov N.A., Tkachenko T.Kh. Global Food Problem: Key Milestones and Factors.

Teslenok S.A., Manukhov V.F., Teslenok K.S. Landscape Maps of Information Resources of the Internet and their Usage in Educational Process.

MATHEMATICS AND TECHNOLOGICAL SCIENCES

Gomonov S.A. Cluster Sets of Multivalued Mappings of Topological Spaces.

Emelchenkov E.P. Geometry over Algebras of Type $\langle 3 \rangle$. Affine Ternary Structures.

Lesev V.N., Zheldasheva A.O. Non-Classical Boundary Value Problem for a Mixed Second Order Equation with Integral Conditions Pairing.

Rasulov K.M. The Modified Boundary Value Problem of Dirichlet Type for Quasiharmonic Functions of the Third Genus.

Shatokhin N.L. Linear AH-Ternary over Rings with Zero Divisors.

Malakhov V.V., Malashenkova I.V., Pankratova E.A., Sukhachev N.I. Model of Integrity of Operating System Kernel Control.

Mishtchenko V.I., Saukov R.V. Semi-Markov Model of the Process of Exploitation Taking into Account the Influence of Critical Faults in Anti-Aircraft Missile System.

PSYCHOLOGY AND PEDAGOGY

Bondareva O.A. Organizational and Pedagogical Conditions of Bachelor of Law Professional Competences Creation during GEF VPO Implementation.

Kolyanikova E.V. Motives of Studying a Foreign Language by Senior Students under Conditions of Non-School Education.

Erdman O.E. Continuity of Ideas by K.D. Ushinsky in the Pedagogical Concept of M.K. Tenisheva.

Danilova M.V. Theory and Practice of Training Specialists for Work with Migrant Children.

Shilyagina A.M. The Design of the Didactic Information Complex (DIC): Approaches, the Nature of Concepts.

Shabanova M.N. Integration of Ethnic Culture in the Modern Educational Environment of Arts Teacher.

Kuzmenko M.D. Professional Suitability Criteria and Indicators of the Operator Profile Specialists in Special Circumstances Activity.

Persiyantseva S.V. Specificity of Cognitive Sphere Development of Primary School Children, Living in a Family and Outside Family.

Sidorchuk T.A. Social and Psychological Support of Elderly People in Social Institutions.

SCIENTIFIC EVENTS

Glebova G.F. The Participation of Smolensk State University in the Implementation of the International Educational Program TEMPUS IV.

CONFERENCES

Pasternak T., Kostenkova M., Leontyeva A. The VIIth international Scientific-Practical Conference of Schools «Russian Folklore: Problems of Research and Teaching in Modern School at Humanities Lessons and in Extracurricular Activities».

Belutin R.V. The German Language: Outer and Inner Projections in Learning and Teaching.

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OUR AUTHORS

SYNOPSIS OF THE JOURNAL

PHILOLOGY

L.V. Pavlova

On the Way to the Reader:

about the Preparation for the Edition of G.E. Psalmov's Works

Key words: *G.E. Psalmov; hand-written and printed versions of poems; intertextual analysis; contemporary edition.*

The article deals with the main stage of the preparation of a contemporary edition of poems by Psalmov (1848–1900), the native citizen of Smolensk region. This work is mainly concerned with the texts of works existing in the form of manuscript (the 90s of the XIXth century) and printed versions (the edition of 1914). Intertextual analysis made it possible to reveal «interventions» in the initial text, to assess the degree of authenticity and usefulness of editing, to consider the conclusions drawn in the process of the new edition preparation.

O.N. Zotova

The Points of Contact between Poetry and Philosophy of Vladimir Solovyov:

Thematic Group «Sea»

Key words: *Vladimir Solovyov; poetry; philosophy; minimal theme; image; motives; point of contact.*

The article is devoted to revealing, interpreting, and systematization of the points of contact between poetry and philosophy of Vladimir Solovyov. Analysis of the minimal themes, motives, images and thematic complexes suggests three models of the interaction of poetic and scientific works of the author.

L.G. Kayanidi

Symbology of Amethyst in Vyacheslav Ivanov's Poetry:

a Functional Thesaurus

Key words: *poetic image; symbology; semantics; poetics; precious stones; amethyst.*

One aspect of the analysis of the semantics of the symbolic image «amethyst» is discussed in the article: a functional thesaurus, its interpretation and comparison with the analysis of poetic imagery paradigms. The interpretation of the data of the functional thesaurus permits to conclude that Ivanov's amethyst has a number of visual, acoustic, spatial, temporal and even gustatory signs for which an antinomy is typical – the opposition and combination of contrasting characteristics: light and darkness, sound and muteness, depth and height.

Y.Y. Dvoenko

Lyrical «I» in Joseph Brodsky's Book «New Stanzas to Augusta»

Key words: *lyrical subject; lyrical hero; motives; portrait; auto-nominations; addressee; communicative types of lyrical poems.*

The article discusses the functioning of a lyrical subject in J. Brodsky's book «New Stanzas to Augusta». The basic means of a lyrical hero character creation are analyzed.

T.A. Matanenkova
Analysis of Repeated Companion-Words in the Book
«Clouds Through the Trees» by Tatiana Beck

Key words: *Tatiana Beck; «Hypertext Search for Companion-Words in a Literary Text»; theme; motive; book of verse.*

Repeated pairs of themes and motives in the book of verse «Clouds Through the Trees» by Tatiana Beck are studied by means of the program complex «Hypertext Search for Companion-Words in a Literary Text». The meaning of repeated lexical complexes, their distribution in the book and their position in the verses are defined.

V.P. Letucheva
The Features of the Syntactic Structure of Poems by D. Davydov

Key words: *sentence; predication; parenthesis; homogeneous parts of the sentence; forms of address; stylistic device; anaphora; epiphora; ring; period; ellipsis; inversion; antithesis.*

This article presents the analysis of the syntactic structure of poems by D. Davydov. The author finds out the typological types of the stylistically neutral constructions, reveals the most frequent syntactic structures used by the poet and suggests the reasons of such choice. Emphatic syntactic stylistic means in the texts by the author are also described.

I.D. Egorova
Features of Word Usage in the Poems by V.F. Raevsky

Key words: *poetisms; archaisms; basic techniques; semantic repetitions; pathways; the main topics of the works by V.F. Raevsky.*

The article considers the peculiarities of word usage and specific stylistic techniques typical of V.F. Raevsky's poetry, as well as the link between the main motives in his works and their lexical representation.

O.V. Yavtushenko
The Main Types of Correlation between Anaphora and Coreference
in Coordinate Structures

Key words: *anaphoric communication; coreference; implicit anaphora; ellipsis.*

The article considers the main types of correlation between anaphora and coreference in coordinate structures. Anaphora and coreference have different correlations with each other. In the Russian language there are four possible combinations between these notions.

Y.M. Galkovskaya
Traditional and New Anthroponimic Resources

Key words: anthroponymy; choice of name; personal name; anthroponimic resource; dictionary; calendar; Internet.

Despite subject diversity and extensiveness of onomastic research and publications which include tens of thousands of dictionaries, reference books, journals, monographs, articles etc, the process of the replenishment of traditional anthroponimic resources with new ones is taking place. The latter are becoming more popular with nominators and are given a special place in modern anthroponimic lexicography.

The article is devoted to the analysis of traditional and new anthroponimic resources used by the nominators in the Belarusian-Russian border zone in the process choosing a name.

E.V. Kosterina
The Description of the Pragmatic Level of Language Personality of Military Men Using the Method of Case-Study

Key words: language personality; serviceman; pragmatic level; case-study; communicative and activity requirements; speech interaction.

The article deals with the description of pragmatic level of the language personality of modern military men. The role of the method of case-study in systematization of the basic communicative and activity requirements of a professional's language personality is defined. An example of the case-study (situation) analysis is given.

E.E. Kordi
Taxis Relations in Phrases with Participial and Gerundial Constructions in French

Key words: French language, syntax, taxis, relative time, participial construction, gerund construction.

This paper is dedicated to the description of temporal relations between verbal forms in phrases in which the main action is expressed by a personal form of the verb and the accompanying action – by a participial or gerundial construction. Gerundial constructions function as adverbial modifiers, while participial constructions may function as attributes or adverbial modifiers. Analysis of the taxis meanings of simultaneity and anteriority expressed by gerundial and participial forms is proposed.

T.A. Zelenjuk
Concept «Present Time» with Regard to the Notion of Time

Key words: concept; present time; time; concept modeling.

The article deals with the theory of concept. The article contains a review of different standpoints on the nature of concept, its structure and verbalization. The semantic fragment «present time» is related to the general phenomenon of «time» and can be analyzed within the framework of this hyper-concept. «Present time» is seen as a macro-concept, a multidimensional structure with its specific manifestation in the language.

A.S. Kostygova
**Sarcasm as a Speech Means of the Invasion
into the Communicative Space of the Addressee**

Key words: communicative space; linguistic pragmatics; speech behavior; valuation space; sarcasm.

In the article the concept of the communicative space is analyzed. Sarcasm is examined as one of the speech means of attacking the integrity of the addressee's communicative space. The speech sphere and the valuation sphere of the communicative space are singled out.

S.I. Shamarova
The Microsystem of Theonyms «God, Deity» in Old English

Key words: God; deity; theonym; pagan nominations; Christian concepts; concept «Trinity»; syncretism; contamination; theological divergences.

The present article deals with the peculiarities of the microsystem of Old English theonyms «God, deity». Two large groups are singled out: pagan and Christian nominations, the semantic structure of which includes the phenomenon of contamination, syncretism and diffusive merging of its lexical-semantic variants. The divergences are established in the comprehension of the concept «Trinity» between the Anglo-Saxon Christian religion and traditional theological canons. The pre-eminent, predominant status of Christ in the Trinity is determined.

M.A. Lestsova
**Linguistic Markers Differentiating Lyrical Genres
of English Poets-Sentimentalists of the XVIIIth Century**

Key words: quantitative study; discriminant analysis; classification; distinction; genre features.

The article deals with the study of distinctions between five genres of verse texts in English: ode, epistle, epitaph, elegy, song. Discriminant analysis, aimed at the differentiation of the genres of eight authors, is used. Discriminant analysis showed the existence of differences between the genres and made it possible to find out the formal markers, which discriminate them.

E.V. Malets
**Semantic System of Informative Meanings of the Nouns
with the Meaning «Speech»**

Key words: *nouns with the meaning «speech»; correlation analysis; semantic classification; informative macro class; cognitive, emotional, semiotic, volitional nouns with the meaning «speech».*

This article presents a semantic description of the group of English nouns with the meaning «speech». The method of correlation analysis helps to demonstrate how the meaning «speech» relates to the other subclasses of the informative macro class.

HISTORY

G.V. Dudnichenko

«The New Torizm»: Political Views of Benjamin Disraeli in the Context of his Literary Heritage

Key words: *«democratic torizm»; political views; «two nations»; society; novels.*

This article is devoted to the analysis of B. Disraeli's creativity for the purpose of studying the main ideas of «democratic torizm» – the Conservative party doctrine.

S.M. Nazaria

The Position of the Western Powers in the Bessarabian Problem at the Paris Peace Conference

Key words: *peace conference; Bessarabian problem; recognition/non-recognition; territory.*

The emergence of the Bessarabian problem was not only the result of the Soviet-Romanian territorial dispute. It also wasn't only a consequence of the desire of Romanian elites to create «Greater Romania». Without the support of the Western powers, who sought to suppress world communism, Romania would never have moved to the implementation the of «unification of all Romanian lands». Romania was allowed to own Bessarabia as a fee for «struggle against Bolshevism». However, the US has never recognized the legality of the act.

G.A. Lastovsky

The Administrative-Territorial Structure and Categories of Rural Settlements of Smolensk Land in the Grand Duchy of Lithuania (the XVth – the beginning of the XVIth centuries)

Key words: *Grand Duchy of Lithuania; Smolensk land; administrative-territorial structure; categories of rural settlements.*

The article analyzes (on the basis of documentary and narrative sources) the administrative-territorial structure of Smolensk land after its accession to the Grand Duchy of Lithuania. A description is given of the forms of rural settlements in Smolensk land during the XVth – the beginning of the XVIth centuries and particular qualities of their administrative structure.

P.W. Epiphanovsky

Petitions of Smolensk Citizens to Smolensk Voivodes Concerning Issues of Social Aid

Key words: *history of Russia; history of the XVIIth century; «Smuta»; source study; tasks of the siege of Smolensk in 1609–1611.*

This article is devoted to the investigation of petitions to Smolensk voivodes – boyar M.B. Shein, prince P.I. Gorchakov, dijak N. Alekseev from people coming into the fortress of Smolensk from 1609 to 1610. They hoped for assistance in the construction of houses, hoped to restore their salary. Some interesting achieve documents are provided in the supplement.

L.G. Stepanova

Comparative Analysis of the «European» and «Eastern European» Nuptiality Models Based on Mass Data in Scribe Books

Key words: *Novgorod land; Western European countries; scribe books; peasant farm; peasant family; nuptiality model.*

The article presents the analysis of the «European» and «Eastern European» nuptiality models based on the data on the peasant farm structure in Novgorod land in the XVth – XVIth centuries. It should be emphasized that under such conditions as absence of serfdom and existence of uncultivated lands the main productive unit of the region was a small peasant family consisting of parents and children.

A.N. Babushkin

Food Industry and Food Supply Problems during the Great Patriotic War

Key words: *The Great Patriotic war; food industry in the USSR; food supply; food ration.*

The article focuses on how the Soviet food industry was solving the problem of supplying the army and the civilian population during the Great Patriotic War. The solution of this problem was promoted by a set of measures, including the reorganization of management, evacuation, establishment of food rations, the development of food industry in the eastern region and the aid of allies.

PHILOSOPHY, SOCIOLOGY AND CULTURAL STUDIES

A.A. Kochergin

Conceptualization of Scientific Definitions as a Methodological Problem

Key words: *scientific definition; conceptualization; methodology; methodological problem; object; subject; research program; system; theory; experience; society; heredity; genetics.*

The article considers scientific definitions as an elementary general form of scientific development which makes it possible to reveal (in elementary «idealized» form) the logic of

scientific development. Conceptualization of scientific definitions is examined as a form of a theoretical interpretation of the accumulated expanse of empiric facts and 'definition' is meant as a research program. The obtained result is used as a methodological basis for further research of the conceptualization of 'heredity'.

M.E. Muravyova
**Freedom and Justice Transformation
in Utopian Projects of a Social System**

Key words: *freedom; justice; utopia; utopianism; revolution.*

The article deals with the problem of the transformation of ideals of freedom and social justice within rationalistic projects of society reorganization. The article reveals the connection between utopianism, especially characteristic of revolutionary ideologies, with the myth about an ideal state and the idea of social progress.

BIOLOGY AND NATURAL SCIENCES

M.Yu. Gildenkov
**Seven New Species of the Genus *Carpelimus* Leach, 1819
from Oriental Region (Coleoptera, Staphylinidae, Oxytelinae)**

Key words: *Coleoptera; Staphylinidae; Oxytelinae; Carpelimus; Oriental Region; new species.*

*The article presents the descriptions of seven species new to science: *Carpelimus* (s. str.) *nacreus* sp.n. from the Kalimantan island (Malaysia); *C.* (s. str.) *pappi* sp. n. from Taiwan; *C.* (s. str.) *philippinensis* sp. n. from the Philippines and Indonesia; *C.* (*Trogophloeus*) *denigratus*, sp. n. from India; *C.* (*T.*) *excoquitus* sp. n. from Vietnam; *C.* (*T.*) *pseudonepalicus* sp. n. from India and *C.* (*T.*) *pseudosimplex*, sp. n. from India, Sri Lanka, China (Hong Kong), Taiwan, Vietnam, Thailand, Malaysia, Indonesia, the Philippines and New Caledonia. Species *C.* (s. str.) *angusticollis* (Bernhauer, 1907), *C.* (s. str.) *papuensis* (Fauvel, 1879), *C.* (s. str.) *peregrinus* (Cameron, 1919) and *C.* (*T.*) *nepalicus* (Coiffait, 1982) are discussed, the figures representing their aedeaguses and spermatheca of *C. nepalicus* are given. The status of species *C. angusticollis* is restored – *Carpelimus* (s. str.) *angusticollis* (Bernhauer, 1907), valid sp.*

K.V. Bunkov, V.J. Yourchinsky
**Correlation Analysis of Parenchymal-Stromal Mutual Interrelations between
Thymus and Testis during Antenatal Ontogenesis
as Reflection of Immunogisto Physiological Processes**

Key words: *thymus; testis; morphometry; parenchymal-stromal interrelations; correlation.*

Correlations between the main parameters of micro morphological central lymphoid organs and endocrine systems are studied in this article. These results indicate the existence of functional mutual interrelations between various organs and systems.

I.N. Romanova, I.A. Karamulina, E.A. Marenkova
**Agro-Ecological Evaluation of Aurora, a New Sort of Potatoes,
on Turf-Podzol Soils of Non-Chernozem Zone of the Russian Federation**

Key words: *potatoes; technology of cultivation; sort; terms and methods of seeding; yielding; quality.*

The article presents the following results: under the conditions of the western part of non-chernozem zone of RF on turf-podzol soils Aurora, a new sort of potatoes, is ecologically plastic and can achieve the yielding level from 36,0 t/h to 52,0 t/h with the quality of roots which are suitable for food and technological purposes (crispy potatoes and French Fries). Optimal period of seeding (considering spring conditions) are May 6–12 for straight method and April 29 – May 7 for ridge-sowing.

Z.A. Ataev

**Key Factors in the Development of Small Wind and Hydraulic Power Engineering in
Ryazan Province in the XIXth Century**

Key words: *Ryazan Region in the XIXth – XXth centuries; milling industry potential; wind- and water-driven mills; natural and socioeconomic factors of development.*

The article deals with the analysis of the relationship between a set of natural-resource factors in the development of grain-growing and the wind and hydraulic power engineering in Ryazan Province in the XIXth century.

R.Z. Ataev

**The Differentiation of the Energy Space of Russia
in the Zone of Operation of Pipeline Transport of JSC «Transneft»**

Key words: *pipeline transport of oil; reliability of power supply; oil and gas bearing province; reserves of renewable energy resources; renewable energy resources; local power production; local industrial power system.*

The article is devoted to the analysis of the reliability of operation of JSC «Transneft» pipeline for energy supply. The analysis is based on specific characteristics of the energy space of Russia differentiation. The article also considers issues of choosing the basis for power generation for the local power system (standard power lines, gas turbine technologies, renewable energy production).

A.I. Bulgakova

**Change of the Image of Geography as a Science
in the University Environment of the Russian Empire of the XIXth century**

Key words: *political geography; statistics; ratio of concepts; subject and studying purposes; university Charter; Russia; the XIXth century.*

The article considers how the image of geography as a science, including natural Science and Humanitarian components, changed during the XIXth century. Stages of the process are singled out and characterized, the interrelation between the changes of the university Charter and the changes of the image of geography as a science is established.

O.N. Grishinev

Evolution of Regional Organization of Society and Energy Space

Key words: complex system; technological mode; energy threshold of the era; relationship between regional organization of society and power engineering.

The article deals with the analysis of the relationship between the development of the complex system «society – power engineering – region». It also covers socio-economic and technological regularities in the change of the energy thresholds of the society.

S.P. Evdokimov

Earth Science Concepts against the Glacial Theory. Overview of the Problem

Key words: paleogeography; glacial theory; sea-ice theory; neotectonics; actualism; glaciation; interglacial period; quaternary.

The problem of the reconstruction of cold periods has become the most controversial in the late Cenozoic paleogeography. The glacial theory is now in deep crisis. To overcome this crisis it is necessary not only to apply particular amendments but to revise the fundamental basis of the glacial theory. Alternative concepts include sea-ice theory and breaking neotectonics. These theories explain the origin of the erratic boulders, dislocations, xenoliths, curly rocks and exaration types of relief.

A.M. Nosonov

Theoretical and Methodological Aspects of Research of Cyclic Recurrence of Territorial Agricultural Systems

Key words: territorial systems; cyclic recurrence; innovation; food security; agriculture; long waves; methods.

The article is devoted to the consideration of theoretical and methodological bases of cyclic recurrence of economy and agriculture. The main types of business cycles are considered. Modern economic and innovative theories are described, Y. Shumpeter's innovative theory is given a detailed analysis. Special attention is paid to the new scientific direction of research of social and economic cycles – to the study of cyclic recurrence of territorial systems development. The characteristics of major basic and improving innovations in agriculture are given, prospects of their further development are described.

N.I. Senkin

Productivity of Biosphere as a Natural Limitation of Population Growth

Key words: *productivity of biosphere; human consumption; biodiversity; stability criterion; limitation of population growth; survival of species.*

The article describes the criteria of stability of biosphere. Using statistical data the paper shows that the threshold of biosphere stability has been passed by mankind, and the biosphere is no longer able to compensate for the degrading impact of human economic activity. The population number, the consumption level of which won't have a degrading influence on the biosphere, is defined.

N.A. Starikov, T.Kh. Tkachenko
Global Food Problem: Key Milestones and Factors

Key words: *global food problem; phases of formation; food consumption level; globalization impact on food problem; agricultural TNCs; food aid; biofuel industry.*

The article demonstrates how food problem becomes global and gives the phases of this process. Modern geographical epicenters of food problem are revealed as a result of food consumption analysis for regions and separate countries. Globalization impact is analyzed including agricultural TNCs strategies, total amount and geographical distribution of food aid, as well as the development of biofuel industry.

S.A. Teslenok, V.F. Manukhov, K.S. Teslenok
**Landscape Maps of Information Resources of the Internet
and their Usage in Educational Process**

Key words: *information technologies; geo-information systems; landscape; geo system; natural and territorial complex; digital maps; electronic maps; landscape map; landscape mapping; Internet resources; educational process.*

The article deals with the experience of creation of digital and electronic landscape maps presented at the Internet resources and their derivatives on various territories of different coverage. The use of this experience in relation to educational process is considered.

MATHEMATICS AND TECHNOLOGICAL SCIENCES

S.A. Gomonov
Cluster Sets of Multivalued Mappings of Topological Spaces

Key words: *cluster set; set mapping; topological space.*

In the present article we propose natural generalizations of the concept of a cluster set for an estimate of the behavior of multivalued mapping close to an arbitrary collection of elements in its domain; the representations are different from those studied earlier in [11] not only in the methods used to introduce them but also in the higher degree of generality of a number of properties.

E.P. Emelchenkov
Geometry over Algebras of Type $\langle 3 \rangle$. Affine Ternary Structures

Key words: *affine ternary structure (AT-structure); algebra of type $\langle 3 \rangle$; left and right units; left and right zero; ternary algebra with zero and unit.*

T-algebras $\langle A; T \rangle$ of type $\langle 3 \rangle$ are studied. Geometrical approach to the research of such algebras by means of affine ternary structures (AT-structures) is offered. Some AT structure contacts each algebra $\langle A; T \rangle$ of type $\langle 3 \rangle$. Any affine incidence structure associated with algebra $\langle A; T \rangle$ is an AT-structure. In this sense AT-structures are the most general affine incidence structures allowing coordinatization by means of algebras of type $\langle 3 \rangle$.

*Algebraic equivalents for various configuration offers are found.
Some unresolved tasks are formulated.*

V.N. Lesev, A.O. Zheldasheva
**Non-Classical Boundary Value Problem
for a Mixed Second Order Equation with Integral Conditions Pairing**

Key words: *boundary value problem; equation of mixed type; non-smooth transmission conditions; the method of energy integrals.*

In this article we study the unique solvability of nonlocal boundary value problem for parabolic-hyperbolic equation with integral conditions on the line of interface type change. The proof of the existence of solutions for the problem is conducted by the reduction to Fredholm integral equation. The uniqueness of the solution is proved by the energy integrals.

K.M. Rasulov
**The Modified Boundary Value Problem of Dirichlet Type
for Quasiharmonic Functions of the Third Genus**

Key words: *quasiharmonic function; the modified boundary value problem of Dirichlet type; differential boundary value problem of Riemann; single circle.*

This article is dedicated to the modified boundary value problem of Dirichlet type in classes of quasiharmonic functions. The author develops the constructive method of the solution of the considered boundary value problem in class of quasiharmonic functions of the third genus in single circle.

N.L. Shatokhin
Linear AH-Ternary over Rings with Zero Divisors

Key words: *ring with zero divisors; H-ring; ternary ring; linear AH-ternary.*

The article presents algebraic conditions of rings with zero divisors necessary and sufficient to build a linear AH-ternary over this ring.

V.V. Malakhov, I.V. Malashenkova, E.A. Pankratova, N.I. Sukhachev
Model of Integrity of Operating System Kernel Control

Key words: *subsystem integrity; approval process integrity; limited data elements; unlimited data elements.*

The paper presents a model of security of the operating system kernel, examines the impact of countermeasures on the performance of the operating system. The application of the model in practice will calculate allowable balance between the loss of productivity and quality of inspection.

V.I. Mishtchenko, R.V. Saukov
Semi-Markov Model of the Process of Exploitation
Taking into Account the Influence of Critical Faults in Anti-Aircraft Missile System

Key words: *model; efficiency; fault; process of exploitations.*

The article deals with the functioning of semi-Markov model of the process of anti-aircraft missile system exploitation. The model allows to take into account the type and scale of faults, as well as the other factors significantly affecting the efficiency of the operation of anti-aircraft missile system as a whole.

PSYCHOLOGY AND PEDAGOGY

O.A. Bondareva
Organizational and Pedagogical Conditions of Bachelor of Law
Professional Competences Creation during GEF VPO Implementation

Key words: *organizational and pedagogical conditions; competence; requirements to basic education programs.*

This paper analyzes educational programs for Bachelor of Law, professional competences, which are formed. These conditions make it possible to reflect further on the theoretical and methodological foundations of education of university students, to correct the educational process in order to improve it, to improve the quality of education and training of graduates.

E.V. Kolyanikova
Motives of Studying a Foreign Language by Senior Students
under Conditions of Non-School Education

Key words: *non-school education; teaching senior students; motives of studying a foreign language; types of motivation; intercultural communication.*

This article is devoted to the investigation of motives of studying the English language by senior students under the conditions of non-school education. Different views are represented on types and structure of motivation, the connection of motivation with the process and conditions of studying is discussed. The paper analyzes the results of the questioning, carried out among senior students who study a foreign language outside a comprehensive secondary school.

O.E. Erdman
Continuity of Ideas by K.D. Ushinsky
in the Pedagogical Concept of M.K. Tenisheva

Key words: K.D. Ushinsky; M.K. Tenisheva; national theory of education; Talashkino agricultural school; the principle of public education; peasant sphere.

The current stage of development of education in Russia adds relevance to the educational programs aimed at conservation and sustainable reproduction of national culture. Therefore, experience of schools, which implement the principles of popular public education formulated by K.D. Ushinsky, a classic in Russian pedagogy, is once again becoming popular. The article attempts to show certain distortion in the theory of education by K.D. Ushinsky which arose during the Soviet era. Talashkino agricultural school of the 1st grade established by Duchess M.K. Tenisheva in her estate near Smolensk is shown as an example of the continuity of ideas by K.D. Ushinsky.

M.V. Danilova
Theory and Practice of Training Specialists
for Work with Migrant Children

Key words: migrant children; professional training; intersubject approach; topical modules; types of pedagogical practice.

The article deals with the analysis of a specialist's competence in the work with migrant children. A special course based on topical modules of lectures and practical classes is described. The role of pedagogical practice is outlined.

A.M. Shilyagina
The Design of the Didactic Information Complex (DIC):
Approaches, the Nature of Concepts

Key words: system; complex; relationships; system approach; comprehensive approach; Didactic Information Complex (DIC); Didactic Information System (DIS); Learning Information Complex (LIC).

The article analyzes the concepts of «system» and «complex», «system approach» and «comprehensive approach» in the aspect of the Didactic Information Complex (DIC) design. The definitions of the concepts are structured according to various treatments of their relationships.

On the basis of the analysis of the concepts Didactic Information System (DIS) and Learning Information Complex (LIC) a working definition of Didactic Information Complex (DIC) has been formulated.

M.N. Shabanova
Integration of Ethnic Culture in the Modern Educational Environment of Arts Teacher

Key words: ethnic culture; training teachers of fine Arts; the sphere of values; regional component; Art education.

The article deals with the integration of modern ethno-artistic culture into teacher of fine Arts training at the levels of Bachelor and Master. The article describes the process of integration of ethnic culture in the educational environment of Bachelors and Masters at the Department of Arts of Kursk State University.

M.D. Kuzmenko
Professional Suitability Criteria and Indicators
of the Operator Profile Specialists in Special Circumstances Activity

Key words: professional suitability; operator activity; information stress; psychological stability; special circumstances of activity.

The article considers the problem of professional competence. The analysis of scientific sources and research is made, the effect of special requirements to operators is described. Their important professional qualities and characteristics which contribute to successful activity are analyzed, the criteria and indicators of professional suitability are given.

S.V. Persiyantseva
Specificity of Cognitive Sphere Development
of Primary School Children, Living in a Family and Outside Family

Key words: verbal thinking; non-verbal thinking; orphan; cognitive impairment; younger school age; dynamics of development.

The article presents the results of the study of the development of verbal and representational thinking of junior school age pupils of boarding schools in comparison with the orphans who have cognitive defect, and with students from ordinary secondary schools (n=212). The methods and techniques used in the study made it possible to identify the ability of abstraction and maturity of logical actions. Analysis of the materials obtained during the work with orphans, on the one hand, and orphans, who participated in the correction work, on the other hand, demonstrates significant differences in the levels of development of both verbal and non-verbal thinking.

T.A. Sidorchuk
Social and Psychological Support of Elderly People in Social Institutions

Key words: social gerontology; elderly person; foster family; social work; social service; psychological and social support.

The article deals with the peculiarities of social and psychological support of elderly people staying in a gerontology centre. Special attention is paid to the increase in living standards and adaptation of elderly people and its correlation with their social activities and psychological support level.

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