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OUR AUTHORS

SYNOPSIS OF THE JOURNAL

PHILOLOGY

A.M. Ranchin

Archpriest Avvakum: Writer or Bookman?

Key words: *old Russian literature; Archpriest Avvakum; bookman; writer; style; self-identity.*

The article considers the problem of self-identification of Archpriest Avvakum. It demonstrates that judging by his consciousness Avvakum is rather a bookman, than a writer in the strict sense of the word. Numerous statements by Avvakum about his love for common parlance are not literary declarations: the bookman does not think in terms of such notions as literary style and language. The position of Avvakum is mainly determined by religious motifs, and his declarations of commitment to common parlance are variations of traditional topoi, characteristic for old Russian literature.

S.N. Andreev

Peculiarities of Representation of the Style of a Poet

Key words: *Tyutchev; popular and unpopular works; multivariate discriminant analysis; differences in individual style.*

The paper deals with the differences in the individual style of F.I. Tyutchev revealed in his works which according to modern critics enter the canon of Russian poetry and those which are less popular among the readers.

A.S. Aleksandrov

The Health of Leo Tolstoy as a Newsbreak

Key words: *Leo Tolstoy; health; correspondence; information space.*

The paper focuses on the analysis of messages about the health of Leo Tolstoy, the facts about the first new reports on the health of the writer, the role of health bulletins of Tolstoy, the writer's open letters calling not to discuss his personal life in the press. The paper analyzes the impact of messages about the writer's health on the reading public.

A.I. Vasiljev

Phraseological Antonymy Units in M. Sholokhov's Novels and Stories

Key words: *phraseological unit; relations of antonymy; stable antithesis word combinations; phraseological model.*

This article is devoted to the description of the antonymic relations between phraseological units in the novels and stories by M. Sholokhov. The same structure antonymic phraseological units of six groups are more numerous than different structure antonymic phraseological units. Stable antithesis word combinations formed according to nine phraseological models play an important role in Sholokhov's novels and stories.

Y.Y. Dvoenko

**Communicative Models in the Composition of Lyrical Poems
(J. Brodsky's Book «New Stanzas to Augusta»)**

Key words: lyrical addressee; lyrical hero; lyrical communication; communicative model; composition of lyrical poem.

This paper considers the impact of subject-object relationship on the composition of lyrical poems in Joseph Brodsky's book «New Stanzas to Augusta». In the distribution of thematic areas of «I» and «you» stable composition models were found, which in some cases coincide with the rhythmic and syntactic segmentation of the text. Most of the communicative models complement the main lyrical conflict with new nuances and amplify general communicative direction of the book of poems.

E.F. Troitsky

Negation in Coordinative Constructions

Key words: coordinative construction; negation; formal, semantic, logical and communicative aspects; simple, possible, substitution and quantitative negation.

The paper is devoted to the analysis of the specific features of negation of different components in coordinative constructions. In accordance with the semantic, logical and communicative aspect of the construction it is possible to single out simple, possible and substitution negations. Asymmetric dualism and neutralization of negation are observed. Negation plays a significant role in the formation of the overall picture.

L.G. Smirnova

Positions of Explication of Evaluation

Key words: position of explication of evaluation; vocabulary with evaluation component; assessment of potential; phraseological syntactic structure.

The article discusses some syntactic positions of the Russian language lexemes, which are denoted as the positions of explication of evaluation. Most often they exist due to the phraseological syntactic structure of the sentence or the presence of some lexical elements (primarily conjunctions and particles) and serve to intensify evaluation connotations or to reveal the potential assessment of lexemes.

O.S. Evseeva

**Dialect Vocabulary in the Names of Settlements
of Smolensk-Vitebsk Border Zone**

Key words:; *onomastics; toponym; macrotoponym; microtoponym; toponymic system; dialect; Russian; Belarusian language.*

This article complements the available information on the toponyms of Smolensk region with new data; it analyzes the toponym vocabulary of the Russian-Belarusian border zone. Toponyms here are based on the dialects of the North-Western part of Smolensk region and the North-Eastern part of Vitebsk region. Specific features of microtoponyms of Smolensk-Vitebsk territory are demonstrated using the example of the local geographical names formed in the process of mutual influence of the Russian and the Belarusian languages.

L.M. Bondareva
**Characteristic Features of Verbalization of the «MEMORY» Concept
in the German Language**

Key words: *«MEMORY» concept; verbalization; the focus of the nominative field; the nearest and further periphery; linguistic means.*

The article considers the problems of conceptualization of the human memory phenomenon. The study of the characteristic features of the «MEMORY» concept verbalization in the German language is based on the analysis of its constituents. The research is aimed at studying linguistic markers of the focus of the concept nominative field as well as the nearest and further periphery. On the further periphery the lexical units revealing the process of forgetting come forward.

I.O. Baburchenkova
**Features of Metaphor in the Individual Style of William Blake
in his Early Works**

Key words: *stylometry; individual style; metaphor; William Blake; poetry.*

The article is devoted to the quantitative analysis of the individual style of William Blake. Lyrical poems of the first period of his creative activity are analyzed; the main tendencies of the author's metaphor creation are determined. The most frequent concepts-sources and concepts-targets are singled out.

HISTORY

H.G. Harutyunyan
Eastern Campaign of Emperor Trajan and Arshakid Armenia

Key words: *Arshakid Armenia; Great Armenia; Roman Empire; Parthia; Parthian state; emperor Trajan; eastern campaign.*

The Roman emperor Trajan willing to repeat the feat of Alexander the Great organized a campaign to the east, and after a brief conquest of the kingdom of Great Armenia reached the Persian Gulf. None of the Roman generals went so far to the east before him. In the scientific literature his new state is often referred to as a giant with feet of clay, since it had no political and social-economic base. All new provinces declared their independence immediately after his death, and then the Romans withdrew their troops to the previous borders. The article also

discusses the reasons for the failure of the Eastern policy of the Roman Empire under Trajan. We pay attention to the conditions of political and military aspects of the formation of the Armenian-Parthian union and the importance of this alliance for the East in general.

A.N. Lentikov

The Views of the Representatives of the Russian School of «Restored Natural Law» on the Revolutionary Changes in France at the End of XVIIIth – the Beginning of the XIXth Centuries

Key words: history of law; the Great French Revolution; Russian school of «restored natural law»; law-governed state; legal culture; western legal culture; natural law; Ancien Régime; natural law doctrine; legal awareness; law order; supremacy of law; The Declaration of the Rights of Man and of the Citizen; human rights.

The article is devoted to the research of the views of the Russian pre-revolutionary law scholars on the Great French Revolution, its significance and its consequences, its influence upon the formation and development of modern civilization. The author evaluates the Great French Revolution as a powerful attempt to rebuild French society on the basis of natural law doctrine. The author investigates the interrelation between law order, legal awareness and comprehension of the nature of law-governed state. The author examines natural law doctrine, on the one hand, as a universal source of law and, on the other hand, as a struggle for law. On the basis of J.A. Pokrovsky's theory of the zigzag nature of the evolution of law and the essence of natural law doctrine, the author justifies the assumption about a universal path of development of human civilization – constant and steady growth of human rights.

E.D. Bespalenok

Business and Personal Relations of Merchants and the Nobility in the Second Half of the XVIIIth Century (on the Materials of Smolensk Province)

Key words: merchantry; nobility; interpersonal and interstate relations.

This article examines relations – business and personal – between the representatives of merchants and the nobility which were developing in the Russian province in the second half of the XVIIIth century. The attention is focused on the richest merchants who made special attempts to become close to the nobility.

O.V. Kobetz

«Revolutionary Expediency»: Law and the Initial Stage of Collectivization in Smolensk Countryside, 1929–1931

Key words: collectivization; dekulakization; law.

In this study the example of Smolensk region is used to demonstrate how the state, guided by the principle of «revolutionary expediency», used law against the more prosperous elements in the village as a means of applying economic pressure to force the bulk of the peasantry into collective farms.

PHILOSOPHY, SOCIOLOGY

AND CULTURAL STUDIES

G.G. Silnitsky

Platonism and Aristotelianism in the Christian Theology

Key words: platonism, aristotelism; Antiochian, Alexandrian schools; principles of Byzantinism, Romanism; immanent and transcendent natures; oecumenical councils.

The influence of ancient Greek philosophy on the Antiochian and Alexandrian theological schools is considered in the article. The decisive role of the aristotelian concept of «entelechy» in the Chalcedonian dialectical synthesis of the notions of two natures, immanent and transcendent as regards the material world, is brought to light. The role of the principles of «byzantinism» and «romanism» as two self-sufficient tendencies stemming from ancient Greece and Rome and determining the mainstream of the historical development of the two halves of Europe, Eastern (Slavonic) and Western (Romano-Germanic), is displayed. Their role is shown in the ecclesiological schism of 1054 and the ensuing subdivision of the Christian oecumena into the Orthodox and Catholic-Protestant subsystems.

M.L. Golkova

Paradoxes of Charity: the Conflict of Definitions and Meaning

Key words: Charity; signification; meaning; subject and object of charitable activity; corporate charity; charitable funds; levels of charitable activity; cognitive dissonance.

In this article the problems of the modern charity are considered. Various definitions of charity from different reference books were analyzed taking into account transformations of their meanings. The established conflict of traditional ideas about charity in the public opinion and the dictionary definitions can be explained by addition of dissonance elements to the original meaning.

A.V. Sokolov

Political Participation in the Internet and Technologies of its Implementation in Modern Russia

Key words: Internet; political participation; political online campaign; Internet technology; channels of communication.

The author presents the results of sociological studies of political participation of citizens and politicians of contemporary Russia in the Internet. The paper analyzes the degree of political activity of the main participants of the Internet activities as well as the dynamics of the activity of political participation in the Internet. The author characterizes the use of the Internet during election campaigns.

A.G. Egorov, Y.A. Griber

Chromatic Features in Sociocultural Practices of the Late Industrial Modernization

Key words: chromatism; color; sociocultural practices; modernization; late industrial phase; color design; mass society.

This article analyzes the process of formation of new principles of design and creation of the color spaces of the city, due to the rapid technological development of European society in the late XIXth – early XXth century. The connection between practices of modernization and the formation of mass culture is examined. The ways of color representation of social meanings typical for late industrial cities are analyzed. The effect of similarity of color markers in urban space and mass media is demonstrated.

BIOLOGY AND NATURAL SCIENCES

M.Yu. Gildenkov

**New Species of Genus *Carpelimus* Leach, 1819
from Borneo, Philippines and Sulawesi
(Coleoptera: Staphylinidae: Oxytelinae)**

Key words: Coleoptera; Staphylinidae; Oxytelinae; Carpelimus; Oriental Region; Borneo; the Philippines; Sulawesi; new species; new synonymy; lectotype.

The article presents the description of four species new to science: Carpelimus (Bucephalinus) assingi sp. n. and C. (Trogophloeus) rougemonti sp. n. from Borneo island; C. (B.) terribilis sp.n. from Luzon island, the Philippines; C. (s. str.) magnus sp. n. from Sulawesi island. The synonyms are established: Carpelimus (Troginus) aceus Gildenkov, 1997 = Carpelimus (Troginus) plesius Gildenkov, 2002, syn. n. Are designated lectotype: Trogophloeus anceps Fauvel, 1877; Trogophloeus silvestris Cameron, 1918 and Trogophloeus vagans Cameron, 1930.

O.I. Semionenkov, V.B. Semenov

**New Data on Coleopterous Insects (Insecta, Coleoptera)
of the National Park «Smolenskoye Poozeriye»**

Key words: Insecta; Coleoptera; Smolensk region; national park «Smolenskoye Poozeriye»; annotated checklist.

The article presents an annotated checklist of 75 species of coleopterous insects (Insecta: Coleoptera) for the first time found in the national park «Smolenskoye Poozeriye». Three species from the list were not earlier registered as the fauna of Russia.

T.I. Pototskaya

**Methods of Assessing the Geopolitical Interests of Russia
in the Post-Soviet Space**

Key words: geopolitics; geopolitical interests; geopolitical position; post-Soviet space; Baltic, Western, Caucasian, Central Asian geopolitical regions; Russia.

This article presents the results of research of the geopolitical interests of Russia in its neighboring post-Soviet geopolitical regions: the Baltic (consisting of Estonia, Latvia and Lithuania), the Western (consisting of Belarus, Ukraine and Moldova), the Caucasian (consisting of Armenia, Azerbaijan and Georgia), the Central Asian (consisting of Kazakhstan,

Kyrgyzstan, Tajikistan, Uzbekistan and Turkmenistan). The definition, the essence and the methods of identification of geopolitical interests of the state are given in the following aspects: political, territorial, social, economic and ecological. The method is suggested for their assessment on the basis of points calculation. The method makes it possible to create the typology of the countries in the post-Soviet space according to the peculiarities of realization of geopolitical interests of Russia on the territory of these countries: allies, «considered as alien», neutral.

I.N. Likhodumova
**Influence of Natural and Anthropogenous Factors on the Quality
of Surface Waters of North-Kazakhstan Oblast**

Key words: North-Kazakhstan oblast; the Ishim; quality of river water; pollution; sulphates; hydro carbonates; calcium; iron; copper; zinc; nickel.

In the article the author considers the role of natural and anthropogenous factors in chemical composition of river waters in North-Kazakhstan oblast. The author presents the data about the concentration of basic macro ingredients, which influence the indices of water quality of the river Ishim. The article considers the basic indices of water quality and demonstrates the dynamics of quantitative changes of some components of river water. Several tendencies in the temporal dynamics of indices of surface waters quality are revealed.

V.I. Chasovsky
Geography of Market Forms of Industry Organization in Russia

Key words: industry; multinational corporation; financial and industrial group; holding; enterprises with foreign investment; special economic zone; industrial park; cluster; industrial specialization.

The article describes the structural changes in the industry of Russia caused by the alterations in the geopolitical and economic position of Russia in the world economy in the end of the XXth – beginning of the XXIst centuries. The paper presents economic and geographical analysis of the creation and development of new forms of national industrial production, such as multinational corporations, financial and industrial groups, enterprises with foreign investment, special economic zones, clusters, representing certain «growth points» of national industry.

**M.A. Skvortsova, T.A. Dolgacheva, N.G. Ivliyeva,
V.F. Manukhov, V.V. Anikin**
**On the Issue of the Assessment of Social Comfort of Life
in the Region**

Key words: social comfort; integrated indicator; factorial analysis; subjective estimation.

The article deals the summarized integrated indicator of social comfort of life in the regions of the Volga federal district which was established on the basis of the factor analysis of initial statistics. The assessment of social comfort of life in the regions was given on the basis of sociological research of satisfaction of the population by social living conditions (on the example of the Republic of Mordovia).

MATHEMATICS AND TECHNOLOGICAL SCIENCES

K.M. Rasulov

About of the Boundary Value Problem of Dirichlet Type for Generalized Metaanalytic Functions in a Circle

Key words: differential equation; generalized metaanalytic function; the boundary value problem of Dirichlet type; single circle.

The article deals with the linear boundary value problem of Dirichlet type for generalized metaanalytic functions. A constructive method for the solution of considered boundary value problem in class of generalized metaanalytic functions in single circle is suggested.

O.N. Kuprikova

A Modified Boundary Value Problem of Neymann for Quasiharmonic Functions of the Third Genus in Exceptional Case

Key words: quasiharmonic function; the modified boundary value problem of Neymann; exceptional case; differential equation; single circle.

The article suggests a constructive algorithm for the solution the modified boundary value problem of Neymann for quasiharmonic functions of the third genus in single circle, when the coefficients of boundary condition turn to zero in isolated points of contour.

L.H. Nazarova

Boundary-Value Problem with Free Boundaries for Second-Order Quasilinear Equation

Key words: quasilinear equation; problem with free boundaries; method of functional separation of variables; coefficient of turbulent diffusion.

The solvability of the second order quasilinear equation which models the diffusion processes has been studied. A partial analytical solution of the problem has been found by the method of the functional separation of the variables.

V.I. Mishtchenko, D.N. Kerasirov

Model of Operating of Evacuation System for Military Equipment in Combined Arms during the Battle

Key words: model; military equipment; evacuation; guard; defect; intensity; battlefield.

This article deals with the Markov's model of operation of evacuation system for military vehicles for combined arms teams in the battlefield. This model includes the distribution of evacuation means adapted to possible distribution of damaged military equipment. The model is

adapted for the main parameters of this evacuation system. The model makes it possible to evaluate the efficiency of its functioning depending on the given parameters.

A.A. Mendurov, A.G. Voskoboynik, R.E. Kristalinskiy, V.R. Kristalinskiy
Modeling of the Process of the Sample Military Equipment Operation at the Stages of Normal Operation and Running

Key words: military equipment; parameter failure rate; time to failure; the distribution of the intensity.

The paper presents the method of establishing the parameters of system operation during normal operation and running and, as a consequence, the warranty period of sample military equipment for army air defense.

S.N. Girko
The Method of Analysis of Multilayer Ultra-Wideband Radar Absorbing Coatings

Key words: ultra-wideband signals; laminated coverings; reflection coefficient; electric field amplitude of the reflected signal.

Due to the difficulties in applying the existing frequency domain methods in the analysis of the reflection coefficient in ultra-wideband, the article proposes a method of analysis of multilayer coatings absorption in a certain time domain.

PSYCHOLOGY AND PEDAGOGY

V.Y. Lykova, E.V. Gorbileva
Personality-Development and Cultural Capacity of Education in Context of the Pedagogical Ideas by E.N. Vodovozova

Key words: E.N. Vodovozova; childhood; preschool education; development of children's personality; culture.

The article presents the views of E.N. Vodovozova on preschool education which were developed in the late XIXth – early XXth century in the logic of the personality-development and cultural approaches.

R.N. Dorokhov, L.V. Koroleva
Pedagogical Aspect in Age Changes of Anthropometric Features of Schoolchildren

Key words: pedagogical technique; age changes; variant of biological development; method of somatotypology; somatic type; processes of growth; physical education.

The article deals with the application of a modern pedagogical somatotypology method and the estimation of the variant of biological development. To maintain schoolchildren's health it is necessary to go in for physical culture and sports. During training and PT classes coaches

and teachers of physical culture should pay attention not only to the biological age of children, but also periodically conduct a survey of groups in order to assess age changes, which is important for training process proper organization and its maximum effectiveness.

L.O. Volodina
**Spiritual and Moral Values of Family Upbringing:
to the Problem of Stability and Changeability**

Key words: value; spiritual and moral values; spiritual and moral values of family upbringing; traditional and modern spiritual and moral values of family upbringing; system of traditional values of family upbringing; primary moral values; regularity of developing the system of traditional values of family upbringing.

Formulation of the problem of stability and changeability of spiritual and moral values in upbringing in the aspect of cultural and historical dynamics of family needs makes it possible to determine the mechanisms of development of the system of traditional spiritual and moral values. The author interprets stability and changeability phenomena as two aspects of the progressive development process of the system of family upbringing.

A.M. Shilyagina
**The Stages of Development of Training Technical Means: from Mono Perception to the
Combined Perception of Information in the Process of Education**

Key words: technical means of training; channels of perception; didactic teaching principles.

The paper deals with the analysis of the stages of training technical means development from the point of view of the didactic teaching principles realization, as well as the involved channels of perception.

N.O. Shner
**Restoration of Higher Medical Education in the Territories of the USSR Liberated from
the Nazi Invaders in 1943–1947 (Smolensk and Vitebsk Medical Institutes)**

Key words: higher medical education; restoration of the national economy; Smolensk State Medical Institute; Vitebsk Medical Institute; university structure; educational and methodical work; research and development activities.

The article is dedicated to the process of restoration of work of Smolensk and Vitebsk medical institutes after the liberation of the territory of the Soviet Union from the nazi invaders.

V.V. Selivanov, L.N. Selivanova
Virtual Reality as Didactic Environment

Key words: virtual reality; training programs in a virtual reality; thinking; creativity; formation of personal and subject characteristics.

In article analyses virtual reality as a method, means and technology of training. New didactic programs created in virtual reality are presented, their influence on some personal characteristics are discussed. Experiments have shown that actions in the virtual environment and virtual images considerably increase the share of creative solutions, stimulate process and operational characteristics of thinking, and create cognitive motivation.

N.V. Sukhaya

**Formation of a Senior Student's Personality Orientation
concerning Social Values at a Literature Lesson**

Key words: *formation of personality; literature lesson; orientation concerning social values.*

In this article the author considers the formation of the orientation concerning social values at a literature lesson. During the work with the text at the lesson a senior student becomes aware of the most important problems in his or her life today, learns to emotionally correctly regard these problems.

E.A. Sheronov

**Constructing the Psychological Test of Assessing the Readiness to Study at Medical
Specialities of the University: Analysis of Tasks**

Key words: *psychological test; construction of a psychological test; theory of classical test constructing; validity to training; KTMS; analysis of tasks.*

This article describes the necessity for the development of psychological instruments which predict the skills required for success in medical universities. Further process of creation of similar tests is described. Particular attention is given to the procedure of analysis of tasks of the psychological test.

I.Y. Mashkova, E.V. Semakova, I.L. Zhuchkova

**Peculiarities of Formation of Reproductive Behaviour
of Mothers with Children's Experiences of Parental Deprivation**

Key words: *parenting; reproductive behavior; parental deprivation family means.*

The paper investigates family conditions of formation and peculiarities of realization of reproductive and parental sphere of personality in young mothers with children's experience of parental deprivation. The results of the study of reproductive behaviour and parenting of mothers who were brought up in foster conditions showed, in comparison with the control group, significant deviations in the field of partnership relations, in the system of relations between the pregnant woman and her child. Identified deviations reflect the problems of identity and differentiation of «I», which lead to difficulties in the adoption of the child and separation with him.

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