

## АННОТАЦИИ СТАТЕЙ НА АНГЛИЙСКОМ ЯЗЫКЕ

### LITERATURE STUDIES AND LINGUISTICS

P. 7. *Mishankina N.A. MENTAL SPACE OF THE SCIENTIFIC TEXT: THE METAPHORICAL MODELS.* In the article is considered scientific linguistic text as the specific cognitive mental space, produced on the base of the metaphorical models. types of scientific metaphors, which presented in the text and ways of the modeling of the scientific information are analyzed.

P. 12. *Morozov A.V. INTERLANGUAGE EQUIVALENCE AS A WAY TO PRESENT DERIVATIVE RELATIONS IN RUSSIAN LEXICON.* This article review some different kinds of derivative relations in Russian lexicon. The material of English language is used as a mirror to descry the national specificity of Russian language. The object of investigation is a group of verbs in two languages.

P. 17. *Poplavskaya I.A. THE INTERACTION OF POETIC AND PROSE ELEMENTS IN THE ANTHOLOGY «M. LER-MONTOV'S POEMS» (1840).* There is an attempt in this work to grasp the idea of poetic and prose interaction through poetic and prose comprehension of the artistic world. By analysing Lermontov's poems the main attention is paid to the word philosophy and different forms of expression and interaction of the author's mind.

P. 25. *Emer J. VALUE WORLDVIEW OF TRADITIONAL FOLKLORE IN GENRE REALIZATION.* In the article the value system of worldview found in folklore discourse is observed. Genres of traditional folklore such as lyrical songs and couplets are in the center of the researcher's attention. The research itself reveals the importance of genre models of value worldview and «folklore mentality».

### THE PROBLEMS OF FOREIGN LANGUAGE TEACHING

P. 33. *Abakumova N.N., Istomina N.N. COMPETENCE APPROACH IN HIGHER AND SECONDARY EDUCATIONAL ESTABLISHMENTS: REALIZATION AND DIAGNOSTICS.* Competence approach as one of the grounds of educational renovation is studied in the article. Mechanisms of competence approach realization are analyzed (Bologna process, Modernization of education). Special competences and indices which help to value their forming are pointed out.

P. 39. *Agafonova L.I. SPECIFICITY OF TEACHING FOREIGN LANGUAGES FOR PROFESSIONAL PURPOSES IN GERMANY: THE THEORETICAL LITERATURE REVIEW.* In this article, such terms as «professionally directed», «professionally focused», «professionally preparatory», «professionally accompanying», and «professionally qualifying» foreign languages training are considered. Recommendations for foreign languages for professional purposes course design, as well as for lessons planning are offered. The role of professional competence in designing courses for teaching languages for professional purposes is analyzed. Importance of such key competencies as reading and comprehending professionally oriented texts, team working, independence and the initiative, ability to criticism and self-development is discussed.

P. 45. *Kuznetcova S.V. KEEPING A READING JOURNAL AS A WAY OF IMPROVING WRITING AND SPEAKING SKILLS OF LEARNERS.* The paper addresses the issue of motivating learners for reading English literature in the original. Keeping a reading journal is viewed as a means for improving writing and speaking skills of students, and developing their creative thinking.

P. 47. *Medvedeva L.G. THE PRINCIPLES OF THE FORMING OF VOCATIONAL- COMPETENT VOCABULARY (BY EXPERIENCE OF WORK WITH LAW STUDENTS).* The article is devoted to the analysis of the basic principles of the forming of vocational-competent vocabulary. The system of professional and business qualities, creating «vocational culture of modern specialist» is considered in this article. Vocational competences of law students, the phenomenon of «linguistic person( personality)» and the problem of founding of language for special purposes are investigated here.

P. 50. *Nagel O.V. NOMINAL DERIVATIVE IN DISCOURSE STUDY.* The article addresses the issue of discourse-pragmatic function of syncretic derivatives. As it is shown by the analyses syncretic derivatives placed into discourse function as dynamic bi-functional structures capable due to their split semantics both to predicative and referential function. The components of derivative propositional structure are seen as communicatively meaningful in focus as well as in topic position.

### PHILOSOPHY

P. 56. *Golovko N.V. INTELLIGIBILITY OF REALISM AND THE OPERATIONAL CONSTRAINTS PROBLEM.* Operational constraints problem was put in the conext of model-theoretic argument by H. Putnam. Modern interpretation of this problem includes naturalization and partial reference. The notion of satisfying operational constraints presupposes some reference relation. The correctness of experimental condition on intendedness of interpretation should be established by the external metaphysical constraints not only by internal constraints as Putnam himself think.

P. 61. *Karpin V.A. THE MODERN SCIENTIFIC WORLD PICTURE AND PHILISOPHIC METHODOLOGICAL PRINCIPLES SYSTEM OF SCIENTIFIC THEORY CONSTRUCTION IN BIOLOGY AND MEDICINE.* Evolutional theory the

most positions analysis was pursued and basic system forming philosophic methodological principles was distinguished, which, in author opinion, can place in foundation of any theoretic construction in biologic and medical science region.

P. 66. **Kirilenko E.I. R. BARTHES AND M. ELIADE: TWO INTERPRETATIONS OF MYTH.** In their approaches to myth, two leading representatives of XXth century Western culture, R. Barthes and M. Eliade demonstrate tightly intertwined visions and sound very similar on numerous issues. However, their analysis is based upon radically diverging assumptions leading to radically different interpretations of myth. Barthes' postmodernist discourse is counterweighted by Eliade's constitutive phenomenology, the latter being expressed in cultural and symbolic perspective.

P. 71. **Minchenko T.P. THE CONCEPT OF THE RELIGIOUS FREEDOM IN QU'RAN AND ISLAM.** The article is devoted to the investigation of the content of the religious freedom muslim conception in correlation with the European religious freedom conception, also opportunity of cultural dialogue in the field of religious human rights.

P. 76. **Osachenko U.S., Urev R.A. IDEOLOGUESES AND MYTHOLOGIES AS STRUCTURES OF THE SHAPING.** In article is considered specifics and correlation ideologues and mythologies as structures of the shaping and deforming the experience of the consciousness.

P. 84. **Sycheva S.G. MARTIN HEIDEGGER ABOUT THING, SYMBOL AND MIND.** The article analyses ideas of Heidegger on problem of correlations between mind, symbol and thing. Author of the article compares texts of Heidegger and E. Husserl. The ideas of modern Russian philosophers about the theme are considered in the article.

## CULTUROLOGY

P. 92. **Zaytseva T.A. EVOLUTIONARY CONCEPT OF CULTURE AT THE CONTEST OF DEVELOPMENT ANTHROPOLOGICAL KNOWLEDGE.** This article is about evolutionism, one of the most important turn of the anthropological knowledge, its conceptions and methodology. Evolutionism showed as turn, which reflected foundation tendencies of the development of anthropological knowledge.

P. 97. **Petrov Y.V. THE NOTION OF CULTURE IN THE EPOCH OF ANTIQUITY.** The comprehension of culture in the period of Antiquity is under consideration in the given article. Ancient culture was based on the system of classical education in the form of Paideiya. Paideiya was not only the upbringing of a child, but the process of forming the person in the course of his life. The personality itself presupposes realizing the idea of an integral person. A person of the epoch of Antiquity was to be an artist and a man of wisdom, an athlete and a poet, a doctor and an orator. Greek culture contained an athletic and a spiritual, a physical and an intellectual elements. Collective education and upbringing was based on the creation of a totalitarian morality, the idea of individualism and subjectivism were coming into being later – in the Hellenistic epoch. The real discovery of subjectivity was made in the period of a Christian culture.

## HISTORY

P. 102. **Andryukova S.V. KUZBASS IN THE BEGINNING OF XX CENTURY. THE PROBLEMS OF THE USE RAIL TRANSPORT FOR DEVELOPMENT OF KUZBASS.** The article considers the problems forming railway system of Kuzbass for industrial development.

P. 104. **Artuhova I.V. INITIAL PERIOD COLLECTVIONS FORMING REGIONAL.** Initial period of collections forming by culture of Russian population in Tomsk Regional Museum. This article dedicates to initial period of ethnographic collections forming by Russian population in Tomsk Regional Museum.

P. 108. **Akhmatov I.V. SOCIO-ECONOMIC ASPECTS OF DEVELOPMENT OF JOINT-STOCK ENTREPRENEURSHIP IN WESTERN SIBERIA IN THE 1990–2000'S.** The article characterizes the main results of researching problems of self-development of joint-stock entrepreneurship in socio-economic aspect and analyzes materials of Tomsk, Novosibirsk and Kemerovo companies for the period of 1990–2000's.

P. 111. **Bocharow A.W. HISTORIOGRAPHIC AND METHODOLOGICAL ASPECTS USING CONCEPT OF "CHANCE" IN RESEARCHES OF HISTORICAL ALTERNATIVES.** The article presents the analysis of theoretical problems in usage of a conception of «chance» in historical science. It shows the development of historians' view on the role of historical chance in studies of historical alternatives. Typology of different definitions of 'historical chance' is presented here. The article shows correlations between historical chance and probability of events, historical regularity, free will, relativity and subjectivity of historical interpretations. The definitions of historical chance as an intersection of independent causal chains are criticized in the article, together with the definition of historical chance as an insignificant event with sizeable consequences. As a result, the version of correct definition of 'historical chance' is suggested in the article.

P. 122. **Kadysova R.Zh. PRE-WAR INDUSTRIAL MODERNIZATION IN KAZAKHSTAN: HISTORIOGRAPHY TENDENCY OF POST SOVIET PERIOD.** In the article the contemporary analysis of the history of industrial modernization problems of Kazakhstan in 1917–1940 is given.

P. 128. **Romadina T. THE PROBLEM OF EARLY URBAN HISTORY TYPOLOGY OF WESTERN EUROPEAN COUNTRIES IN RESEARCH PRACTICE OF NATIVE MEDIAEVALISTS.** The article is devoted to analysis of the experience of study of urbanizational processes in Western Europe in native mediaevalists' researches of 1960-80s. The key approaches to variety ways and forms of medieval town's genesis as a basis for local historical typologies of mature urbanism are under consideration in the given article. We set up a hypothesis of conceptual similarity of Barg's theory about stage-regional types with native mediaevalists' researches in the context of native historical urbanistics' theory.

P. 133. *Suraganova Z.K.* **MAGIC THE BASIS OF KAZAKH SHARING TRADITION** The article describes the Kazakh customs of «khan talau», giving «zhirtis» and «sarkit», which are based, in the author's opinion, on the archaic magic of joining. A contact with a successful, socially, distinguished, over-60-year-old person was connected in the Kazakh concepts with transmission of his qualities to everything he got in touch with (people, things, food, etc).

P. 136. *Sushko A.V.* **SIBERIAN CADET PERIODICALS ABOUT THE AUTONOMY OF SIBERIA AND SIBERIAN OBLAST-NICHESTVO (MARCH 1917 – NOVEMBER 1918)**. The article analyzes the difference in the attitude of Siberian cadet organizations' periodicals to the ideas of the regional autonomy and Siberian *oblastnichestvo* perceived as nationalism by most of cadet print media.

## MATHEMATIC

P. 141. *Alexandrov I.A., Yuferova G.A.* **FOR PROOF OF THE BIEBERBACH INEQUALITY**. Relationship establish between Loewner equality with constant control and coefficient of Branges polynomials, that allow to examine sets' properties this polynomials and apply it in the theorem about Bieberbach inequalities.

P. 146. *Kobylina M.S.* **LUR NORMS ON SPACES OF CONTINUOUS FUNCTIONS ON PSEUDO-TREES**. We introduce a class of pseudo-trees and define its locally compact extension  $K$ . We prove that the Banach space  $C_0(K)$  of all continuous functions vanishing at infinity admits an equivalent LUR-norm.

P. 150. *Osipov O.S.* **ABOUT FIELD OF SUMS OF CONDITIONALLY CONVERGING INTEGRAL IN BANACH SPACE**. Definitions of rearrangement and field of sums for the converging not own Lebesgue-Bochner integral on the set  $[0, +\infty)$  are entered. Not own integral corresponding series of Marcinkevich-Kornilov is considered. Its field of sums is established.

P. 157. *Pestov G.G., Fomina E.A.* **ON THE ELEMENTS INFINITELY CLOSED TO THE BASE**. The properties of the elements infinitely closed to the base of a two-ordered algebraically closed field are investigated. It is proved that every element that is equal to the limit of a sequence of elements of the base is infinitely close to the base or belongs to it.

P. 159. *Tobolkin A.A.* **TWO-DIMENSIONAL-ORDER ON DIRECT PRODUCT OF GROUPS**. A construction of a two order is given in the paper on a direct product of a cyclically and linearly ordered groups.

## PHISICS

P. 161. *Kolesnik A.G., Kolesnik S.A., Borodin A.S., Shoshin E.L., Fedichev M.A.* **THE ELECTROMAGNETIC BACKGROUND IN RANGE OF INDUSTRIAL FREQUENCIES FOR URBANIZED TERRITORIES**. In the lead research the spectral structure of variations of a magnetic component of an electromagnetic background of a city inhabitancy and character of his variability in interiors of electrical transport in a range of frequencies from 2 to 200 Hz is determined.

P. 165. *Pobachenko S.V.* **THE CONJUGATION VARIATIONS OF PARAMETERS ULF-ELF ELECTROMAGNETICS FIELDS OF THE ENVIRONMENT BACKGROUND WITH HUMAN BRAIN ELECTROGENESIS IN DIFFERENT GELO-GEOMAGNETIC CONDITION**. Regularity of conjugation amplitude-frequency axes variations of main modes of ionospheric waveguide ducts (alfven, shumann resonances) and man EEG characteristics in range of delta and alfa – activity depending on sun and geomagnetic activity current level are established on base of monitoring research.

P. 168. *Solovjev A.V., Kolesnik A.G., Borodin A.S.* **THE FREQUENCY CORRELATIONS OF A HUMAN INTIMATE REDUCTIONS WITH VARIATIONS OF THE ENVIRONMENT INFRASONIC BACKGROUND**. Work is devoted to experimental researches of low-frequency acoustic fields influence on cardiovascular system of a human. On the basis of the round-the-clock measurements and the environment infrasonic background essential parameters correlations and the electrocardiogram of the human was established the correlation of a human cardiointerval changes and a pressure infrasonic fluctuations amplitude in the frequencies range of 0,01–1,6 Hz.

## SCIENS ABOUT EARS

P. 171. *Tolokonikova Z.A.* **THE BRYOZOA FROM ABYSCHEVSKY HORIZON OF THE KUZBASS**. Two new species *Eridotrypella stellata* Tolokonikova, sp. nov., *Schulgina distincta* Tolokonikova, sp. nov. are described from Famennian (Upper Devonian) of the front area of the Kuzbass. The abuschevsky association of the bryozoans are characterized.

## BIOLOGY

P. 175. *Ananina T.V., Kohanenko A.A., Hodzhanov A.E., Stegnij V.N.* **CHARACTERISTIC FEATURES OF THE OVARY EGG TUBE STRUCTURE IN CALLIPHORA ERYTHROCEPHALA (Mg.)**. Comparative analysis of egg tube morphology in *D. melanogaster* и *Calliphora erythrocephala* (Mg.) has been carried out. We have found that simultaneously not more two egg chambers develop. Analysis of nurse cells chromatin morphology at different development stages in *C. erythrocephala* exposes that the characteristic feature of oogenesis in *C. erythrocephala* is an unsimultaneity of cell cycles in nurse cells of the same egg chamber. This fact is confirmed by the presence in egg chamber of nurse cells with diverse chromatin morphology. Morphogenesis in the follicle cells of *C. erythrocephala* has the same course as one of other insects having polytrophic ovaries.

P. 181. *Voitzekhovskaya S.A., Astafurova T.P., Verhoturova G.S., Zaitzeva T.A.* **ACTIVITY OF SOME KEY ENZYMES OF METABOLISM IN GREEN BARLEY SEEDLINGS UNDER HYPOBARIC HYPOXIA.** It was investigated the effect of hypobaric hypoxia on the enzyme activity of different metabolic pathways in green barley seedlings in light condition. It was founded the activation of the key enzymes of photosynthesis and respiratory pathways, such as glycolysis, alcoholic fermentation and pentose phosphate pathway, in green barley seedlings both in the darkness and in the light. Compensatory modifications of green plant metabolism under hypoxia were connected with the modifications of the respiratory pathways and the activation of the enzymes of the dark photosynthesis phase.

P. 184. *Golovatskaya I.F., Karnachuk R.A., Efimova M.V., Kopilova T.N., and Svetlichnii V.A.* **THE ROLE OF CRYPTOCHROME 1 AND PHYTOCHROMES A-E IN ARABIDOPSIS GROWTH REGULATION AT GREEN LIGHT.** The role of cryptochrome 1 (*cry1*) and phytochromes A-E (*phy A-E*) in plant growth regulation at the green light were investigated. The dark-grown seedlings of *Arabidopsis thaliana* (L.) Heynh, Landsberg *erecta* ecotype (wild type background –*Ler*; *hy4* and *hy1* mutants deficient in *cry1* and *phyA-E*, respectively) were treated by defocused narrow-band pulsed laser radiation of green (GL, 542 nm), red (RL, 672 nm) and far-red (FR, 730 nm) spectrum region. Different growth reactions of *Arabidopsis* at the action of GL and GL+FR dependent on set of photoreceptors were observed. The most obvious response reaction of *Ler* hypocotyls on the GL in comparison of *hy4* and *hy1* was noticed. FR post-action to *hy4* mutant hypocotyl growth annulated GL effect and *hy1* mutant hypocotyl growth was not affected. The similarity of GL/FR and RL/FR effects to *Ler* length hypocotyl was shown. So, *cry1* and *phyA-E* co-act in hypocotyl growth regulation at green light.

P. 188. *Krapivkina E.D.* **THE SEASONAL DEVELOPMENT OF BROADLEAF FOREST IN GORNAYA SHORIA.** The seasonal rhythmic of deciduous broadleaf forest in Gornaya Shoria is quite specific in comparison with European ones. It allows to conclude about complexity of structure and phonological saturation of this forest.

P. 192. *Kuranov B.D.* **NEST BIOLOGY IN URBAN POPULATION OF PIED FLYCATCHER (FICEDULA HYPOLEUCA).** In comparative aspect nesting biology of Pied Flycatcher in urban and suburban zones was investigated. In this zones 820 nests were researched. In large city nesting population density is lower, median eggs laying displaced on relatively later terms, clutch size and eggs volume are less. Embryo and nestling mortality here also are more. Reproductive success and number of fledglings at attempt significantly more in large city due to lower level of predation. In small city nest terms and nesting population density not differ in comparison with suburb. Reproductive success here more suburban zone one's but less then in large city

P. 201. *Khodanovich M.Y., Esipenko E.A.* **EVENT RELATED BRAIN POTENTIALS ON HUMAN ESTIMATION OF AUDITORY STIMULUS DURATION.** Event related brain potentials (ERPs) were explored at estimation of sound stimuli duration. We found that the most subjects determined intervals of 0.5 s duration as 1 s ones. It was revealed stages of stimulus duration estimation: «earlier addressing to subjective time etalon (STE) in memory», «collation of current duration with STE», «addressing to memory for final judging and making decision», «motor response». Analysis of topographic distribution of ERPs and dipole modeling of component sources show that parietal cortex take active part in processes of duration estimation. We suppose that addressing to long-term memory for recollection of STE is reflected as negative waves of ERPs in parietal cortex, and the process of collation of current duration with STE is reflected as positive waves in parietal cortex.

## LEGAL

P. 207. *Baburin V.V.* **THE IMPORTANCE OF RISK FOR DIFFERENTIATION OF CRIMINAL RESPONSIBILITY AND INDIVIDUALIZATION OF PUNISHMENT.** The author of the article writes of the risk features in the Criminal Law, the forms of risky behavior manifestation. V.V. Baburin classifies the lawful and unlawful risky behavior. He determines the legal affect matter of the essential types of lawful risky behavior. The author analyses how the types of unlawful risky behavior influence the degree of community danger and accordingly the differentiation of criminal responsibility and punishment.

P. 211. *Boltanova E.S.* **THE RENEWAL OF THE RIGHTS ON THE LAND BY CITIZENS.** The historical analysis of the legislation on the renewal of the land rights is given in the article. The comparison between granting procedure of the land before allocated to the citizens and acquisition of the proprietary right procedure on this land is spent. The most complicated problems arising from norms application in practice on this issue are considered.

P. 214. *Makushkina E.E.* **EXTENT OF IMPLEMENTATION OF THE ADVOCATE'S RIGHT TO GATHER FACTS OF EVIDENCE.** The problem of delimitation of the advocate's right to gather evidences conditioned by the procedural requirements for the order of evidence reception has been studied. Evidentiary material received by entrenchment on the constitutional rights of citizens is illegal and can't be the basis for judicial decision. The advocate's right to gather facts of evidence is limited by the citizen's right to private, family secrecy, privacy of telephone conversation, telegraphic and postal communication, security of residence and other constitutional rights. The evidences received by violation of the secret under the law protection are also illegal. The Federal law «On legal assistance and advocacy in the Russian Federation» having confirmed the right of an advocate to gather evidentiary material necessary for legal assistance (article 6 paragraph 3 sub-paragraph 1) doesn't comprise any restrictions, which results in difficulties to determine the measure of the right in practice. It is proposed to abridge the advocate's right to get such information.

P. 217. *Malakhov P.S.* **PROBLEMS OF TRANSFER OF BANK DEPOSIT RIGHTS.** In this paper rights of depositor, which may act as individual objects of transactions are determined, problems of partial concessions of property rights for bank deposit contract and legal consequences of transfer of the part of claims are considered. The peculiarities of transfer of bank deposit property rights, connected with different legal conditions of bank deposit for natural and legal persons were investigated.

P. 221. **Tatarkina K.P. THE CONSEQUENCES OF NON-OBSERVANCE OF THE BARGAINS' FORM ACCORDING TO RUSSIAN AND GERMAN LAW.** In present article the comparative analysis of provisions of the Civil code of Russian Federation and German civil code which regulate the consequences of non-observance of the bargains' form is conducted. It's considered in details the consequences of non-fulfillment of legal and voluntarily established by the parties requirements of bargain's performance in definite form. The category of insignificance which is used in Russian and in German civil law is analyzed. The article was prepared on the basis of studying original sources of German law.

P. 226. **Filippova O.V. ABOUT DETERMINANTS OF CRIMES IN PRISONS.** In article author describes causes and conditions of crimes of convicted persons in prisons and classifies them on kinds: relating to contradictions imprisonment, psychological, economic, social, organized, and technical.