

Pedagogical Sciences

Advanced Training of Primary School Teachers in Vietnam

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Key words and phrases: primary school teacher; advanced training; education system of Vietnam, education reform of Vietnam; teachers' training.

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Abstract: We explore the advanced training of primary school teachers in Vietnam within the framework of meeting social requirements. We analyze the educational programs and discuss the results of training in these programs.

The Use of Electronic Hypertext in the Lessons of Russian as a Foreign Language and the Development of Multimedia Educational Course

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Key words and phrases: Russian as a foreign language; hypertext; hyperlink (link); interactive; multimedia.

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Abstract: The article explains the concept of hypertext and its components, as well as the use of electronic hypertext for foreign language teaching. The theoretical findings are supported by the examples of existing multimedia courses on Russian as a foreign language. The effectiveness of virtual forms of educational activity is proved.

Machine Building and Engineering

Designing of Interplanetary Trajectory with the Possibility of Parrying Perturbations Caused by Temporary Abnormal Engine Shutdowns

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Key words and phrases: spacecraft; trajectory optimization; electric propulsion, unintended engine shutdown.

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Abstract: The article proposes a design method of interplanetary trajectory of the spacecraft (SC) with the electric propulsion (EP) with the possibility of countering disturbances caused by engine shutdown on the heliocentric trajectory. The main result of this study is a qualitative analysis of the possibility of countering the spacecraft trajectory perturbation caused by emergency shutdown of the engine by increasing the duration of the passive phase at the end of interplanetary trajectory.

Hardware Optimization of Onboard Distributed Control System of a Vehicle Suspension Based on Available Degrees of Information Links

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Key words and phrases: autonomous algorithm implementation; increasing efficiency of functioning; onboard distributed real-time control system; free degree of information links; full workability of control system.

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Abstract: In this paper, we consider the problem of increasing the effective functioning, and ensuring workability of onboard real time control systems based on the free degrees of information links. We discuss the features of circuitry realization of this approach on the example of the onboard distributed control system for adaptive air suspension vehicles.

Economic Sciences

Problems of Development of Agriculture and Industry in the Chechen Republic

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Key words and phrases: agro-industrial formations; creating development strategy of regional agriculture and industry; concentration and specialization; cooperation;

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industrial agriculture; relationships and dependencies; regional agriculture and industry; structural policy in agricultural sector.

Abstract: The nature of the problems arising at the present stage of development of regional agriculture and industry demonstrates the need to develop common planning decisions, pursue a common policy of coordinated development of all its elements.

Strategic Planning as a Tool for Determining the Future of the Organization

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Key words and phrases: strategic planning; company; organization; management.

Abstract: The paper explores the notion of strategic planning in market conditions. The difference between long-term planning and strategic planning is explained. The main objectives of strategic planning of a company are formulated.

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Classifications, Features and Regularities of Modern Services

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Key words and phrases: classification of services; law of consumption; customer; service sector.

Abstract: The article explores different classifications of services by the following criteria: tangibility and materialization of services, consumer orientation, level of personal contacts, labor intensity of services, and the ratio of public and private sector.

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Linguistics

Female Characters in the Novel “Crime and Punishment” (Minor Character) in the Aspect of Anthroponimics

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Key words and phrases: women’s images; anthroponimics; Katerina Ivanovna Marmeladova, Avdotya Romanovna Raskolnikova; Pulckheria Alexandrovna Raskolnikova.

Abstract: This article discusses some of the minor female characters in the novel, heroines of “Crime and Punishment.” Analyzing the meanings of their names and surnames, the author aims at deep penetration into the inner world of heroines and the art features that are revealed through the names of the characters.

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Forms of Adverbial Participle in the translation in the Azerbaijani Language Describing the Main Verb by the Type of Action in the English Language

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Key words and phrases: adverbial participle forms of expression; main verb on the course of action, Azerbaijani and English language, typological-comparative analysis.

Abstract: The paper examines forms of adverbial participle in the Azerbaijani language describing the main verb by the type of action in the English language. The appropriate forms were determined through typological-comparative analysis of these languages, which belong to different linguistic groups. This is of particular importance in terms of applied and theoretical linguistics, and can be considered one of the main linguistic challenges in the translation process.

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The Analysis of the Concept of Religiosity in A.P. Chekhov’s “Uncle Vanya”

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Key words and phrases: lexicon; linguistic picture of the world; God; angel; devil; predestination.

Abstract: Russian literature has always paid a lot of attention to the theme of religiosity, especially the role of Christianity in the life of ordinary people. However, researchers have not attempted to draw linguistic and cognitive portraits of the characters of the play “Uncle Vanya” written by A.P. Chekhov. This article is devoted to the study of religiosity in the abovementioned play and aims to reveal the linguistic picture of the world of the characters and portray their linguistic and cognitive portraits. Accordingly, within the framework of the Russian religiosity associated with Christianity, I discuss the lexicon of

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dramatic characters in the play of A.P. Chekhov “Uncle Vanya”. In this paper, I analyze the lexemes God and angel, idioms with the lexeme God, colloquialisms with the lexeme devil and the concept of predestination, which occupied an important place in the lexicon of the characters of the play. In general, the concept of religiosity is a part of the spiritual life of Russians and is reflected in the play of A.P. Chekhov “Uncle Vanya”.

Ecology and Nature Management

The Ecology of the Sengileyka River and its Macrozoobenthos

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Key words and phrases: macrozoobenthos; anthropogenic impacts; rivers; biodiversity; saprobity status; biological index.

Abstract: This article focuses on the problems of small rivers functioning in the State natural complex reserve “Sengiley Mountains” (the Ulyanovsk region) in terms of growing human impact. Hydrobiological methods with the use of macrozoobenthos were used to analyze the ecological condition of the River Sengiley. The research has recorded low biodiversity, biological and saprobic index.

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