

TOPICAL ECONOMIC ISSUES

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**Development of Retail in Modern Russia: Current Issues and Development Trends. P. 3.**

The article considers the development of the retail industry in modern Russia; identifies and classifies the factors contributing to the changes in the industry; summarizes the results of sample observations of the population living conditions related to retail services. The author provides recommendations for improving assortment policy, pricing strategy, quality control and as well as the availability and accessibility of retail services for the population.

**Key words:** consumer market, trade, competitiveness, quality and availability of shopping facilities.

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**Using Corporation Resources in the Conditions of Financial Crisis. P. 13.**

The financial crisis that began in Russia in 2014 due to a number of imposed economic sanctions led to a slowdown in the growth of the national economy, an increase in the total external debt, a decrease in the purchasing power of the population. The article describes theoretical and methodological approaches to analyzing the efficiency of corporations and using financial management in crisis conditions. Special attention is paid to studying the economic potential and increasing the stability of corporations during the financial crisis. Recommendations on using the resources of corporations in order to improve the Russian economy are provided.

**Key words:** resource, corporation, crisis, finance, management.

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**Interaction of Formal Rules and Informal Constraints in the Siberian University of Consumer Cooperation: Problems and Solutions. P. 21.**

The article presents the results of the analysis concerning the interaction of formal rules and informal constraints that has been carried out together with the students since 2007. The authors determine the set of main negative informal norms that are widespread among students, reveal theoretical and practical aspects of their replacement by new, more productive ones.

**Key words:** informal constraints, the right incentives, opportunist behavior, formal institutions, new behavior pattern.

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### **Problems of Interbudgetary Relations: the case of Novosibirsk. P. 27.**

This article explores the issues of improving intergovernmental fiscal relations in Russia. The system of interbudgetary relations in the regions of Russia is characterized by the discrepancy of revenue sources and expenditure powers entrusted to the bodies of regional government and local self-government. Particular attention is paid to the problem of the impact of the local budget deficit on underfunding of the social sphere of the Russian territories, on the level of poverty and income differentiation of the Russian population.

The article analyzes the indicators of the poverty level of the population in Russia and in developed countries, by such parameters as the share of the population with incomes below the subsistence minimum and the level of expenditures of the budgets of all levels on health and education. The local budget of the city of Novosibirsk is considered in the same aspects.

The ways of strengthening local budgets, creating their solid financial base are determined, first of all, by the improvement of legislation, by tax initiative of local authorities and increasing their tax base. The problem of the economic independence of municipalities is paramount, therefore, it is necessary to ensure economic growth, strengthen the independence and balance local budgets forming the Russian budget system.

**Key words:** interbudgetary relations, federal budget, local budgets, sustainable development, employment, competitiveness, poverty, unemployment, cost of living, security.

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### **Transaction Costs in Conditions of Transitory FX Movements. P. 33.**

Today Forex has become a new fast way of generating profits, and the only cost involved is a full loss of money that a player may incur. The aim of the paper is to determine the level of transaction costs in a particular market in conditions of destabilizing situations for a certain category of players – individual players.

**Key words:** transaction costs, Forex, foreign exchange market participants, brokers, traders.

## **EDUCATION ISSUES**

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### **The Competence Education Model in the Conditions of Innovative Economy. P. 37.**

The information and communication revolution, the emergence of breakthrough technologies led not only to the modernization of production, but also to new management approaches and changes in the demand for labor.

The article considers the demand of the innovative economy for specialists, outlines features of the modern education system ensuring their professional behavior. The authors substantiate the need for transition from a qualification model to a competence model in education. It requires an education system aimed at: developing the skills that an innovative economy demands; introducing interdisciplinary programs and courses on innovative entrepreneurship; encouraging young people to innovate with the help of full-time and distance education schools, open education platforms and forums, research projects; developing innovation culture; promoting cross-cultural communication and fostering a tolerant society.

**Key words:** innovative economy, competence, education, qualification model, competence model.

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**Independent Assessment of the Competence Level of IT Students. P. 43.**

The article considers the current issues and prospects of using online testing for an independent assessment of student competence level. The authors describe a competence model of assessment which takes into account the Federal State Educational Standards 3+. The assessment method under analysis fully meets modern education requirements and regulations. However, there are a number of pedagogical and psychological problems that may arise, so it is indispensable for the teaching staff to be able to use the methodology of the independent competence assessment.

**Key words:** model, competence, training, testing, assessment.

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**Ensuring Equality of Educational Opportunities for Migrant Students: Case of the UK Universities. P. 56.**

The article describes the activities of the UK universities aiming to ensure equality of educational opportunities for migrant students. The author presents a model of pedagogical support to be provided to migrant students.

**Key words:** migrant student, barriers, pedagogical support of migrant students, universities of Great Britain.

## LEGAL ISSUES IN A MODERN SOCIETY

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**The Concept Administrative Procedures. P. 63.**

The article analyzes the concept, legal nature and role of administrative procedures in the system of administrative procedural relations. The author describes the features of administrative procedures, reveals their legal role in improving public administration and ensuring the public rights of citizens (organizations).

**Key words:** administrative procedures, administrative process, administrative acts.

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**Release on Parole: Damages from the Crime, Incentives and Reprimands as a Criteria of the Social Danger of the Convict. P. 68.**

The article deals with the criteria of release on parole provided in Art. 79 of the Criminal Code of the Russian Federation, The author states that the criteria should not include the necessity of full or partial compensation for the harm caused by the crime, since not all convicts in Russia can be provided with employment and pay damages before conviction or at the time of serving the sentence. The author also analyses the role of incentives and penalties of the convict at the time of serving the sentence as important indicators in determining the degree the convict's correction.

**Key words:** release on parole, damages, incentives, reprimands, social danger of the convict, punishment, imprisonment, convict's behavior.

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**New Concept of the Accession of Siberia to Russia. P. 73.**

Today the accession of Siberia to Russia is not only a debatable research problem, but an issue of political relevance in the light of the demands of foreign politicians to make the natural wealth of Siberia international property. M. Akishin in his monograph made a fundamentally new attempt to study the international legal grounds for the accession of Siberia to Russia, including the study of the international legal personality of the Russian state, the peoples of Siberia, Central Asia and China, the forms of international law in their relations, the law of external relations, the law of war, regulation of international trade in XVI–VII centuries. The author states that in the 17<sup>th</sup> century the accession of Siberia to Russia received recognition of European states and China. The concept proposed by M. Akishin can become the basis for a number of possible future studies and further detailed investigation by the author and by those supporting the concept.

**Key words:** international law, Russia, Siberia, Mongolian khanates, China.

### MATHEMATICAL METHODS IN ECONOMICS

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**Canonical Correlation of Subsystems in Complex Systems. P. 77.**

The article provides an approach to the study of correlation of subsystems in complex systems, based on the principles of canonical correlation. Along with the classical task of identifying correlation, its modification is given as well.

**Key words:** complex system, subsystem, correlation, canonical correlation, linear combination, affine coordinate system.