

# CONTENT

Selyaev V.P.

**ANPILOV SERGEY MIKHAILOVICH – 65 YEARS OLD**

## ***PHILOSOPHICAL SCIENCES***

### **INFORMATION CONFLICTS OF MODERN SOCIETY**

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*Annotation. Information is becoming one of the dominant resources, for the possession of which many conflicts unfold in modern society. Free access to a variety of information, its disunity and fragmentation, the anonymity of the broadcast messages source, the expansion of opportunities for manipulating the actions of many people produce the emergence of information conflicts. Networks are becoming a new tool used to escalate political and economic tensions. Lightning-fast sending of messages to hundreds of recipients around the world allows you to coordinate and manipulate the actions of subjects belonging to different social communities. Favorable conditions are being created for expanding the spatial boundaries of the spread of contradictions, involving representatives of different states in the area of confrontation. Information conflicts reach the transnational and global level due to the cross-border interaction of subjects. The use of network technologies makes it possible to level the geographical dispersion of people, creating conditions for the complementarity of their activities with missing resources. The instability and dynamism of network structures functioning that destructively affect the existence and development of*

*social reality actualizes the practical necessity of the ongoing consideration. The use of the information resource is focused on both the implementation of manipulative actions and the escalation of conflict situations, and on the provision of meaningful information that helps to stabilize tensions and resolve contradictions.*

**Keywords:** *information conflict, information, network structures, communication, interaction, contradiction, network, resolution*

## **ECONOMIC SCIENCES**

### **SELF-EMPLOYMENT AS A STRATEGIC GUIDELINE IN THE FIGHT AGAINST UNEMPLOYMENT**

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**Abstract.** *The unemployment rate is one of the most important economic indicators designed to assess the economic development of the country. Speaking about unemployment, it should be borne in mind that this is one of the main factors hindering stable economic growth and the development of society as a whole. This fact determines the need of society to develop various ways to combat unemployment, defining strategic development guidelines, one of which is the formation and functioning of self-employment of the population.*

**Keywords:** *unemployment rate, economic cycle, cyclical economy, economic growth, professional income tax; trend; development; tax revenues*

# DEVELOPMENT OF BANKING CORPORATE UNDERWRITING IN CONDITIONS OF INSTABILITY

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**Abstract.** *The article is devoted to the problem of improving the bank's comprehensive qualitative assessment of the credit risk of a corporate borrower in a crisis. Some current indicators of the banking sector of the Russian Federation in terms of corporate lending in the current conditions are given, the actions of the regulator and the Government to stabilize the situation and measures to support banks and businesses are outlined. The necessity of using macroeconomic forecast variables for the purposes of corporate underwriting of the borrower is indicated. The corrective factors complementing the rating model of the assessment of the corporate borrower of a commercial bank, affecting the value of the indicator of the probability of default of the borrower and determining the magnitude of credit risk in conditions of instability, are given. The results of experimental calculations with respect to individual largest corporate borrowers of different industries are indicated, reflecting the corrective indicators and the size of their impact on the borrower's credit risk indicators.*

**Keywords:** *corporate underwriting, credit risk, corporate borrower, macroeconomic variables, corrective indicators, overdue debt, restructuring, government support measures*

# TRADE WARS AND THEIR IMPACT ON THE WORLD ECONOMY

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**Annotation.** *Trade has been an important part of the economy since ancient times. Its appearance is usually associated with the division of labor, it represented an exchange of surplus products. Initially, the exchange was carried out in kind, but after the appearance of money, the formation of commodity-money relations took place. In the 21st century, trade has acquired a truly colossal scale, it has increased its influence not only on the economic situation of the country, but has also become considered a determining factor influencing the relations of countries among themselves. Thus, a country with trade relations with others has more political weight on the world stage than a country with undeveloped foreign trade. To strengthen their influence on the world stage, since time immemorial, many major powers have colonized various continents, improved industrial and scientific industries and started wars in order to maintain or strengthen their position in the world. The last item of the presented list is by right the most terrifying.*

**Keywords:** *trade war, economic confrontation, economic pressure, geopolitical situation, «Made in China 2025», duties*

**MANAGEMENT OF SOCIO-ECONOMIC DEVELOPMENT  
SOCIETIES**

**THE MAIN ADVANTAGES OF USING SENSORS TO CONTROL  
THE TEMPERATURE AND HUMIDITY OF THE SURFACES  
OF BUILDING STRUCTURES**

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**Annotation.** *The development of information modeling in the design of buildings and structures is becoming more and more relevant every year. At the same time, it is increasingly necessary to fix various indicators of the behavior of building structures, as well as factors affecting them, including at the operational stage. To*

*date, there are many technologies that can be used to track changes in various indicators (illumination, temperature, humidity, the degree of load on the structure, the degree of damage to various parts of the building, etc.), varying depending on the operating conditions. The most promising is the joint use of IoT ("Internet of things") in conjunction with information models. It is thanks to these monitoring technologies that it is possible to provide the best service for construction projects.*

**Keywords:** *Information modeling, BIM model, digital twin, IoT technology, sensors, construction, digitalisation*

## **SPIRITUAL AND EDUCATIONAL CENTERS:**

### **SOME ASPECTS OF FORMATION**

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**Annotation.** *The socio-ethical prerequisites for the creation of a new type of sacred organizations - spiritual and educational centers - are analyzed. The impact of various determinants on the structure, functional organization and typology of these centers has been studied. The influence of the economic factor on the state of the sacred tourism infrastructure is revealed, ways of development of this sphere are proposed. Considered a set of socio-economic circumstances that allows achieving the optimal combination of rational functional planning and architectural and compositional solutions in order to create a comfortable environment for potential visitors to spiritual and educational centers.*

**Keywords:** *spiritual and educational center, religion, sacred architectural composition, social philosophy*

## **LEGAL SCIENCES**

# USE OF INFORMATION TECHNOLOGIES IN CRIMINAL PROCEEDINGS OF CERTAIN COUNTRIES OF ANGLO-SAXON LAW

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**Annotation.** *The author analyzes the process of digitalization of the criminal process of the countries of Anglo-Saxon law. The USA and Great Britain have a high level of informatization. This is the main factor in the development of post-industrial society. The study proves that most digital technologies are reflected in Russian legislation and law enforcement practice. Some technologies have not analogues in the Russian Federation. Digital technologies to support crime victims and witnesses, the “digital jury”, can improve Russian practice and accelerate the transition to a digital criminal process in Russia.*

**Keywords:** *digitalization, criminal procedure, countries of Anglo-Saxon law, artificial intelligence, innovative technologies, electronic document control, e-filing, automation engineering, combatting corruption*

## DIGITALIZATION OF THE CRIMINAL PROCESS:

### COUNTRIES OF ASIA AND OF THE EAST

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**Annotation.** *The article summarizes the best practices of a number of Eastern countries on the use of digital technologies in criminal proceedings. Some countries in Asia and the East are accumulating experience in the use of digital*

*technologies, significantly ahead of Russia. However, this successful experience is not taken into account by the Russian legislator. A promising direction for digitalization is digital technologies that provide access to justice for people with disabilities.*

**Keywords:** *criminal process, criminal proceedings of foreign countries, digitalization, digital technologies, artificial intelligence, videoconferencing, electronic evidence, audio recording, online court session*

## **ELECTRONIC APOSTILLE IN MODERN RUSSIA: MYTH OR REALITY**

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**Annotation.** *The procedure for presenting documents from a foreign state has become relevant today for a significant part of the population. Global migration processes have played a significant role in this. One way to recognize foreign documents is to use an apostille. Some countries today use an electronic apostille. The traditional apostille is also used at the same time. Since July 2020, in Latvia, only electronic apostille is issued on all documents drawn up by a notary. In the Republic of Moldova, it is possible to issue only an electronic apostille since 2013. The traditional, paper-based, apostille has already become a part of history in the Republic of Moldova. In Russia, electronic apostille is a kind of myth. Its design in modern conditions has not yet become commonplace. However, with a close analysis of the essence of the electronic apostille, one can see ways of both budgetary savings and a way to improve user convenience. For example, the expansion of the experience of the Committee of Science and Higher Education of the Government of St. Petersburg in remote (online) execution of an application and documents for apostille is worthy of expansion to other regions. It is especially important to provide such an opportunity in the context of the restrictions associated with the pandemic. An electronic apostille will be able to significantly facilitate the procedure for accessing such a public service for people with special health needs.*



**Keywords:** apostille, electronic, migration, control, right, state, service, comfort, document, diploma, certificate

## **EXPERT ASSESSMENTS**

# **RUSSIAN PHILOSOPHICAL JOURNALS ON THE EVE OF THE INTRODUCTION OF THE NEW ASSESSMENT SYSTEM OF SCIENTIFIC ACTIVITY**

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***Annotation.** This paper presents the authors' reflections on the importance of Russian scientific philosophical journals in the scientific environment and the condition of maintaining their relevance on the eve of the introduction of a new assessment system of scientific activity.*

*The authors give scientific indicators of 33 Russian scientific journals in the area of «Philosophy» on the basis of open data of the RSCI system.*

*The materials of the article are useful to theorists and practitioners related to philosophy and editorial activities. In order to have full understanding of the level of periodicals development in the industry and to predict its future development in the context of the project to create a sovereign assessment system of scientific activity in Russia.*

**Keywords:** *scientometrics, RSCI, scientific journal, philosophical journal, impact factor, philosophy, sovereign assessment system of scientific activity*

**STUDY OF INDICATORS OF THE TIGHTNESS OF COMMUNICATION  
BETWEEN THE KNOWLEDGE OF MATHEMATICAL AND SPECIAL  
DISCIPLINES FORMED BY BACHELOR STUDENTS  
WITH FULL - TIME AND PARTIALLY DISTANCE TRAINING**

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**Annotation.** *A study of the quality of the connections of mathematical and special disciplines was performed, the study of which took place during periods of full-time and mixed preparations of bachelors. For the criterion of the quality of the connections, the laws of distribution of frequency of the correlation coefficients in the matrix of the coefficients formed between the disciplines of mathematical and special disciplines have been adopted. The initial data for constructing the correlation matrix are arrays of the final semester examination assessments of students in mathematical and special disciplines for the preparation of bachelors of Informatics and Computer Science. The construction of the calculated algorithm is made using the Excel. Its construction is based on a correlation analysis. A comparison of the distribution functions of the frequency of correlation coefficients of matrices of the correlation coefficients formed according to the examination estimates of mathematical and special disciplines, which were studied during periods before and during pandemic.*

**Key words:** *educational process, knowledge, correlation analysis, assessment, correlation coefficient, evaluation*

**REVIEWS**

**REVIEW OF THE TEXTBOOK**

**«HISTORY OF SCIENCE AND TECHNOLOGY»**

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