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### **Risks of Functioning of Modern Systems of International Settlements Using Regional Monetary Units**

The risks of functioning of modern systems of international settlements using regional monetary units depend on the nature and degree of involvement in the integration processes of the systems of state bodies, central (national) banks, the private sector, as well as the availability of participation in such systems of foreign companies.

The author has established that the specifics of the risks of cross-border payments are primarily due to the differences in their legal basis in different jurisdictions and, as a consequence, in the requirements for participants and infrastructures of each particular country. The assessment of the level of emerging risks and, accordingly, the reliability of the system, as well as the choice of risk management methods should be carried out taking into account the aspects of efficiency, social and political effects.

At the present stage, when analyzing the risks of integrated payment systems and infrastructures, it is important to take into account their interrelation and mutual influence, implementing an integrated approach to risk management, taking into account countering the increasing threats to cybersecurity and money laundering schemes obtained by criminal means.

**Keywords:** *risks of international settlements, regional monetary units, Committee on Payment and Settlement Infrastructure, Principles for Financial Market Infrastructure.*

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### **The Role of International Development Banks in the Implementation of Cross-Border Investment Projects**

The author considers one of the most urgent problems of implementing cross-border investment projects with the participation of international development banks. Nowadays, their activities in this area are significantly complicated by the unstable political situation on the world stage and the ongoing COVID-19 pandemic. At the same time, the study of particular aspects of cross-border investment does not lose its relevance due to increased regionalization and globalization. In this regard, the author presents a conceptual approach to determining the key competencies of development banks in the implementation of cross-border projects, as well as the prospects for their further participation in improving the mechanisms for implementing cross-border projects.

**Keywords:** *international development banks, cross-border investment projects, international economic relations, economic development.*

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### **Credit Rating Informativeness**

The presented material analyzes the information content of traditional and alternative credit ratings on the example of the analytical company FICO and the fintech-company LendingClub. Using descriptive analysis and the method of construction of decision trees, a comparative analysis of these ones is carried out

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with the calculation of the Shannon's Entropy and information gain. The conclusion is that the expansion of traditional information with alternative data allows a fintech-company to achieve better information content of credit ratings. Ultimately, own methodology and algorithms of LeningClub for clustering borrowers into rating subgroups serve as a tool for adjusting the interest rate in the context of the existing asymmetry of information in the credit market.

**Keywords:** *credit debt, online-lender, traditional and alternative data, credit score, entropy and information gain, loan default.*

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### **The Impact of the COVID 19 Crisis on Household Incomes**

The article examines the problem associated with household support in a pandemic, when coronavirus restrictions are established in society, business activity decreases, labor relations change, and incomes of the population fall. The purpose of this article is to identify measures aimed at increasing the income growth of the population, regardless of their regions of residence. The leading method of investigating this problem is a statistical analysis of changes in the structure of resources at the disposal of households. This method allows us to consider the problem as a process of the state's response to an increase in household income growth during the pandemic. The results of the study: it was concluded that the government's measures aimed at supporting the most vulnerable segments of the population contributed to mitigating the negative consequences of the pandemic; the trend of restoring employment and incomes of the population to the crisis level was revealed; the realism of calculating the subsistence minimum was confirmed.

**Keywords:** *pandemic, coronavirus restrictions, anti-crisis measures, household incomes, preferential loans, employment, consumer spending.*

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### **Ecosystems as One of the Priority Areas of Service Banking in the Future: Tasks for Analysis**

The Russian banking system is facing new challenges. In addition to increased competition, changing consumer preferences of banking clients, tightening supervision and control by the Bank of Russia, an additional sanctions burden fell on the sector, requiring innovations and the unification of Russian financial market players through the formation of credit institutions, which makes the bank an "entry point" through which its partners and clients enter the system of both financial and non-financial relations. Considering the above, the relevance of the research conducted in the article is beyond doubt.

**Keywords:** *bank, ecosystem, risk, banking ecosystem, banking market, banking services, competition.*

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