
SUMMARY

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SOCIO-ECONOMIC RELATIONS IN INNOVATION AND THEIR FUNCTIONAL MODELING

The article analyzes the mechanisms of the functioning of direct social relations in the process of innovation and reveals new socio-economic effects inherent in the post-industrial type of reproduction. Functional models for the implementation of innovative activities are proposed.

Keywords: social relations, innovative activity, inclusive development, models, functions, direct relations and feedback, evolutionary theory, metrology, technical regulation, corruption, external effect.

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SOCIO-ETHICAL SYSTEMS AND THEIR CONNECTIONS WITH THE EAST-WEST CULTURAL TYPOLOGY

The article discusses a socio-ethical system as a set of beliefs about the primary importance of the interests of an individual, a family, a state, a firm and a supra-social level in relations with each other. This system reflects altruistic or egoistic aspirations of these actors comprising a hierarchical sequence from individual to the suprasocietal level, which includes the interests of transnational companies or the problem of ecology. The interrelation between the socio-ethical system and culture is studied, and fundamental socio-cultural differences are found.

A total of 627 students selected in Russia were included in the study, aged 17–35, among them 523 students from 61 universities (both State and Federal) in 8 Russian districts. Besides, an auxiliary target sample was spontaneously formed of students in Chinese, American and Belarusian universities "accessible" to researchers.

Keywords: socio-ethical system, type of culture, characteristics of culture, individual characteristics, family characteristics, social and psychological characteristics.

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ON THE NEED FOR PRICEMETRIC ORIENTATION WHEN UPDATING THE ECONOMIC SYSTEM

The article states the need for neo-industrialization of Russia supported by ideological motivation (within the ruling circles and society as a whole), the shift towards social security reinvention, and also with the use of direct

price controls through the new pricemetric tools, and centralized planning, the plans being authorized as legal acts.

Keywords: pricemetric paradigm, neo-industrialization, dynamic equilibrium price.

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THE ROLE OF THE CENTRAL BANK OF THE RUSSIAN FEDERATION IN THE LIGHT OF THE EMERGING NEEDS OF NATIONAL ECONOMY

The article considers the current role of the Central Bank of the Russian Federation. The author attaches particular importance to the improvement of the supervising mechanisms and the instruction of the population in financial literacy, with the use of international experience. The article is focused on the enhancement of the role of the Central Bank of the Russian Federation in the legal system by toughening the bank law and delegating to the Central Bank the functions of monitoring the condition and changes of economic processes in the real sector of the economy for the purpose of estimations formation.

Keywords: The Central Bank of the Russian Federation, supervision, monitoring, capital outflow, financial literacy.

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THE FACTORS CHALLENGING THE COHERENCE INCREASE WITHIN THE FRAMEWORK OF THE POST-SOVIET EURASIAN INTEGRATION

The paper notes the internal heterogeneity of Eurasian integration, as well as the increased competition from the external players in the post-Soviet area. Taking into account the analysis of the dynamics and structure of investment and trade relations between the EAEU countries, it is concluded that there is a need for faster growth of mutual (internal) trade within the EAEU and its diversification based on new drivers of economic growth in order to prevent the development of disintegration trends.

Keywords: EAEU, EU, China, economic and trade policy coherence, Eurasian integration, external trade relations, investments, “One Belt One Road”, Eastern Partnership.

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DIRECTIONS OF ACTIVATION OF INTERNAL TRADE IN THE FRAMEWORK OF THE EAEU

The dynamics of domestic trade within the EAEU for 2016–2018 is analyzed, the problems and prospects of its development are highlighted. Structured in

the main directions of international cooperation, contributing to the enhancement of domestic trade.

Keywords: domestic trade, integration, Eurasian Economic Union, transport and logistics infrastructure.

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ARCH / GARCH-MODELING IN THE STUDY OF THE DYNAMICS OF THE CRYPTOCURRENCY MARKET VOLATILITY (THE BITCOIN CASE)

The digitalization of business processes significantly changes the well-established models for the development of economic systems, forming new factors of socio-economic growth.

This article proposes a cryptocurrency market forecasting toolkit based on building a model of autoregressive conditional heteroskedasticity. The paper enables the analysts to determine the most suitable model from the GARCH family for forecasting one of the most common and popular cryptocurrencies in the world - bitcoin. The proposed and tested tools make it possible to plan the development of the cryptocurrency market for the short term. This, in turn, can serve as the basis for monitoring and predicting future market adjustments, which allows coordination of state planning measures in this sector of economic relations.

Keywords: digital economy, cryptocurrency market, forecasting, GARCH models, bitcoin, planning.

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THE LABOR MIGRANTS SOCIAL SECURITY PROBLEM (EU AND EAEU STATES' EXPERIENCE)

The authors examine social security systems in the EU and EAEU states (retirement plans and health insurance models), their structural features, the eligibility conditions for migrants' pensions and benefits, and the sources of financing in the context of the formation of the common Eurasian social space and considering the integration experience in the EU.

Key words: inter-state integration, EU, EEU, post-Soviet area, social security, life quality, labor migration.

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EFFECTIVE SOCIO-ECONOMIC MECHANISMS TO INCREASE WOMEN'S EMPLOYMENT IN RURAL AREAS

The article discusses the ways to increase employment of rural women and suggests measures to stimulate the employment growth. Recommendations on improving the system of women's employment are outlined.

Keywords: employment, women's employment, gender equality, labour relations, women's life cycle model, women's social activity, socio-economic mechanisms, supply and demand balance.

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THE ANALYSIS OF THE NATURE OF SOCIAL PROTESTS

The article considers the stages of the development of social movements. The emphasis is made on those that take the form of protest. The possible sources of data used for the analysis of social tension and protest activity are described. The potential of supercomputer technologies in the context of studying social problems is outlined.

Key words: society, social movements, social protest, supercomputer technologies.