

## ABSTRACTS<sup>1</sup>

**Antoniuk V.P.** *Problems of development of higher education in the context of the needs of the modernization of the national economy.* – P. 3.

The analysis of the dynamics of training in the system of higher and professional education, discovered the negative trends in the reduction of the volume of training, deformation structures of training by educational levels and the discrepancy of the needs of the economy. Analyzed their causes and substantiated a number of proposals on the development of higher education in the context of the needs of the modernization of the economy to the new technological basis.

*Keywords:* training, higher education, human capital, competence, the modernization of higher education.

**Borysova S., Balashova O.** *Investment aspect of economic development of domestic business entities at the regional level in the conditions of financial globalization.* – P. 21.

The article analyzes the investment aspect of the development of the national economy of Ukraine and outlines the factors that characterize the attractiveness of the national economy and its banking sector in the context of the financial globalization of the international environment. Attention is paid to the investment attractiveness of the region, directions of increasing the level of investment attractiveness and economic development of the regions of Ukraine.

*Keywords:* national economy, foreign investments, national banking sector, investment attractiveness of the country, investment climate.

**Byvshev R.A., Kondratenko O.A., Vechirko V.V.** *Features of the development of small and medium-sized businesses in Ukraine in modern conditions.* – P. 138.

The article is carried out analysis of current trends in the development of small and medium-sized businesses in Ukraine. A number of specific socio-economic functions of the small and medium-sized businesses have been identified, which require adequate financial support through the development of optimal options for cooperation of small enterprises with other sectors of the economy, in particular, with large corporate structures, as well as the state. The dynamics of the share of small, medium and large businesses in Ukraine, as well as the dynamics of the volume of products sold at small and medium-sized businesses for a certain period is presented. Key actions were proposed in the context of improving the tax policy of support small and medium-sized businesses in Ukraine.

*Keywords:* small and medium-sized businesses, instruments of support of small and medium-sized businesses, volume of sold products, external investors, methods of state incentives, types of economic activity.

**Fomichenko I.P., Barkova S.A.** *Influence of EU integration processes on Ukraine strategic development in the context of globalization.* – P. 73.

The article reveals the essence and substantiated the need for European integration, highlighted and characterized the main stages of Ukraine approach to the

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EU. Analysis of the positive and negative impact of European integration on the development of the state has been carried out, and the main directions for implementing reforms have been determined. It is proved that the European integration vector for Ukraine is not only a priority, but also promising, and highlights the priority steps for improving cooperation between Ukraine and the EU.

*Keywords:* globalization, European integration, world economy, modernization, strategic development.

**Goryachuk V., Nazarenko J.** *Analysis of the possibility of use of Tobin coefficient for evaluation hidden assets.* – P. 55.

The paper considers the economic content of the Tobin coefficient and its interpretation in the context of the investment attractiveness of the enterprise, revaluation (underestimation) of its shares, assessment of the availability of hidden assets. The analysis of the validity of such interpretations. An explanation is given why the Tobin coefficient, which covers the entire set of companies in a country, regularly turns out to be higher or lower than one. The impossibility of using this indicator to assess the availability of hidden assets has been proved.

*Keywords:* hidden assets, Tobin coefficient, evaluation, enterprise, capital, market value.

**Isikova N.P., Scherbak J.A.** *Analysis of the competitiveness of products of machine-building enterprises in the context of European integration.* – P. 129.

The article explores the peculiarities of the competitiveness of products of machine-building enterprises in the context of European integration. The analysis of indicators of the development of engineering in Ukraine for the years 2005-2016, which indicates a low level of competitiveness of our state in world markets. The main problems of engineering enterprises that significantly affect the indicators of product competitiveness are highlighted: outdated main assets of Ukrainian enterprises, their low investment attractiveness, the lack of a number of high-tech industries in Ukraine, low competitiveness of many types of products of domestic enterprises, insufficient number of skilled workers, low level of competitiveness of the economy of Ukraine. It is proposed to carry out the development of scientific and methodological approaches to the management of the competitiveness of products of machine-building enterprises, which would not only take into account successful international experience, but also could be applied in a pure form in the context of Ukraine European integration.

*Keywords:* European integration, competitiveness of products, machine-building enterprises, international experience, competitive environment.

**Ivchenkova E.Yu, Budakova O.A.** *Analysis of financial results of bank sector of Ukraine.* – P. 184.

In the article the results of financial activity of commercial banks of Ukraine are analysed for 2011-2017. It is certain that with the purpose of increase of profitability it is necessary to increase unpercent acuestss due to introduction of new services and realization of off-balance sheet operations. A main task is remained by renewal of credit-investment activity, increase of volumes of crediting of the real economy without the height of risk of failure to return of credits. It offers to concentrate effort on banks on renewal of the hryvnya crediting of the real economy. Today

the main problem of banks is remained by the large stake of unworking credits. Jars are necessary considerably more active to work with such credits and develop the plan of event on their reduction.

*Keywords:* banking system, financial results, volumes of crediting, credit politics, commercial bank, unworking credits.

**Klymova T.V.** *Problems of creating hospitals for people with restricted opportunities as a variety of hotel business. – P. 110.*

In this study, against the background of the existing state of the hotel business in Ukraine, an attempt was made to provide systemic coverage and update the problem of providing hospices in Ukraine and the possibility of expanding the hospice network, both public and commercial structures of a hotel type with a special orientation. The informational basis was the author's research in the field of hospice development, as a type of hotel business in Ukraine. The novelty of the research lies in the attempt to combine the hotel business and medical institutions in relation to persons with disabilities, which would greatly facilitate their condition and the condition of their families, both in physiological and moral sense.

*Keywords:* hotel business, hospice, autism, oncological diseases, terminal patients, palliative care, recreation, state and commercial rehabilitation centers.

**Latysheva O.V., Kuznetsova O.V.** *Specific optimization of business processes for providing services in the conditions of domestic gas supply enterprises. – P. 84.*

In the article the essence of the process approach and advantages of its use in business process management of the enterprise are considered for optimization of its activity. It is proved that the enterprise, which uses a process approach in management using modern business process automation software, taking into account typical errors in their analysis, can significantly improve the efficiency of economic activity. The essence of simulation using the Bizagi platform for optimization of business processes is determined. The typical errors during the analysis of business processes in the conditions of domestic enterprises of gas supply are considered. The necessity of introduction of modeling for optimization of business processes of domestic enterprises of gas supply is proved, that leads to the ordering of their activity, bringing it to clear procedures. The result of the analysis and modeling of business processes in the conditions of the domestic gas supply company made it possible to propose to make specific adjustments to each part of the procedure for the provision of services for the installation (replacement) of gas equipment and the connection of the gas consumer to the gas networks of the city.

*Keywords:* business process, process approach in management, methods of optimization, business process modeling methodology, platform "Bizagi".

**Liashenko A.Y.** *Trends in International Technology Transfer in Ukraine. – P. 150.*

The article gives an overview of the most frequently used approaches to estimating the technology transfer level. The author analyzes the science intensity of the branches of the processing industry in Ukraine on the basis of the OECD methodology approach. The author assessed the impact of the activity on the creation

of new products and technological processes by domestic enterprises on the export of innovative industrial products from Ukraine.

The article analyzes the changes in the sectoral structure of technology transfer and acquisition in Ukraine, identifies the prevailing forms of International Technology Transfer in Ukraine.

*Keywords:* International Technology Transfer (ITT), R & D intensity, science-intensive production, absorptive capacity, innovative capacity, technology acquisition and transfer, foreign direct investment (FDI).

**Lyashenko V.I., Osadcha N.V., Dzuba S.V.** *The concept of "smart-power": features of application in the field of space activities Ukraine belongs to developed space nations.* – P. 250.

The area of national interests of space as part of Ukraine's national interests is analyzed. The article presents the main factors for substantiating the economic composition of space exploration, defines the sphere of economic interests of Ukraine as part of national interests, defines national security in the field of space. The structure of interests in space and space in space is presented in the paper, proposals for improvement of national legislation in the field of space are presented. The article presents a multilevel and multidimensional modern business system, the global business system, and defines the role of space interests. The system of international institutions influencing the space sphere is analyzed. The cosmic power schemes as components of the start of force are investigated.

*Keywords:* space economics, national interests, space interests, space resources, start force.

**Mykhaylychenko N., Polyanskaya D., Svyntarenko T.** *Innovation business controlling as a venture capital management system.* – P. 64.

The article substantiates the importance of controlling innovation business as a venture capital management system. The specifics of controlling as a venture capital management system are explored. The peculiarities of venture capital as the basis of venture capital investment are analyzed. The application of controlling tools in venture investment is substantiated. The tasks of the system of controlling innovation business, its main tools and methods are determined.

*Keywords:* innovation business, controlling, venture capital, innovation project, investment project, innovation, innovation activity.

**Perebyynis V. I.** *Formation of Economic and Energy Security of Beet Sugar Subcomplex.* – P. 33.

To some extent, economic and energy security are interrelated and interdependent. On the one hand, economic security as a system includes energy security as a subsystem. On the other hand, the category of “energy security” has an independent meaning.

It has been substantiated that for food subcomplexes of the agri-food complex, there are three main options for combining the imperatives in order to ensure economic, food and energy security.

Under the conditions of a highly competitive world sugar market, it is advisable to evaluate the level of development of the sugar beet subcomplex of Ukraine primarily by indicators of both social and environmental efficiency and economic

efficiency of sugar beet production, which should be taken into account when strategizing the economic and energy security of beet-growing farms and sugar factories.

*Keywords:* economic security, energy security, sugar beet subcomplex, bio-fuel.

**Savchenko M.V., Solonenko Y.V.** *Conceptual bases for the organizational and economic mechanism of management of family business enterprises.* – P. 194.

On the basis on the research of etymology of the category «mechanism» identifies the historical directions of its formation. Approaches to the definition of the category «organizational and economic mechanism of management». The authors proposed the concept of organizational and economic mechanism for managing family business enterprises. The concept of forming the organizational and economic mechanism for managing family business enterprises are defined. The basic principles of management of family business enterprises. The instrumental and methodological component of the concept is substantiated through the system of evaluating the effectiveness of the organizational and economic mechanism of managing family business enterprises, the analysis of trends in the development of family business enterprises, as well as the analysis of preconditions and factors for the development of family business enterprises. The result of the implementation of the proposed concept is to improve the organizational and economic mechanism of managing family business enterprises, which will improve the efficiency of family business enterprises, which can become the economic basis for the development of the state economy.

*Keywords:* mechanism, management, organizational and economic mechanism, concept, family business enterprises.

**Serdyuk O.S.** *Experimental modeling of loading optimization processes on TPP.* – P. 213.

Analyzed the structure of electricity production in Ukraine. It is revealed that TPP is an important element of the energy sector of Ukraine. A method is proposed for optimizing thermal power plant using experimental simulation, the essence of which is to generate load distribution combinations among thermal power plants at which the unit costs will be minimal. An abstract (computer) experimental model has been developed that generates random combinations of load distribution among thermal power plants and then searches for the optimal combination. As a tool for developing a model, the programming language Python is used. Experimental modeling of the processes of capacity utilization of the Zaporizhzhya, Dobrotvorskaya, Ladyzhynsky, Uglegorskaya and Kurakhovskaya TPPs has been carried out. Organizational measures to improve the efficiency of thermal power plant are proposed.

*Keywords:* thermal power plant, TPP, process optimization, experimental modeling, production.

**Shabalina L.V., Alekseev N.V.** *Comparative evaluation of the innovation development of the BRICS countries.* – P. 228.

The article assesses the innovative development of the BRICS countries. It is determined that only China from BRICS countries is in the top 25 countries by the

global innovation index. The necessity of creating a centre for innovative development of the BRICS countries, which will function in the direction of the development of science, education and economics, is substantiated.

*Keywords:* BRICS, R&D, innovation, global innovation index, patents, innovation center.

**Sydorchuk O.** *Social security as an element of state regulation in the system: socio-economic and humanitarian context.* – P. 95. The place and role of security as an interdisciplinary philosophical, economic and social category, as well as a key component of sustainable human development, are defined. It is proved that in the system of economic categories, security performs an integral function in relation to economic freedom and protection from the danger of economic destabilization, which ensures the stability of the economic system and guarantees the economic security of the state, man and society.

The implementation of security as a social category in the framework of the social state model is substantiated. The expansion of the military-political concept of security to the framework of the social and humanitarian sphere has been studied. It has been established that national security acquires a broader socio-economic content as one of the basic components of the state regulation of social relations, including state administration, public administration and public administration, as integral elements of the social management mechanism. It is shown that the peculiarity of the new model of proper (new) management is the involvement of a wide range of social subjects in the management process.

The conceptual changes in the legislation of Ukraine on national security, taking into account the basic principles and approaches to its understanding in the United States and the EU were analyzed. It is shown that, under the influence of an increase in the need to protect the national sovereignty and territorial integrity of the country, there has been a narrowing of the legislative definition of national security to a spectrum that covers state, public and military security. Based on the results of a comparative analysis, it is substantiated that the understanding of social security as a synthesis of state and public security generally corresponds to European and world trends regarding the expansion of the social and humanitarian interpretation of security.

*Keywords:* social security, state regulation, national security, sustainable human development, social state.

**Sytnyk Ie.A.** *Institutional and historical-economic aspects of Russian-Ukrainian “friendship” and corruption.* – P. 238.

The economic reasons and main cash flows of Ukrainian corruption were investigated, on the example of relations between Ukraine of the Cossack period and the Moscow state. The question was raised about the conformity of the economic environment to the institutions imported into it.

*Keywords:* contract between elites, material support in exchange for military service, interstate corruption, geopolitical bribe, money corruption cycle, mutual corruption of managerial elites, corruption contour, institutional cover, imperial economic glue, temporary dimension of corruption, economic environment, export / import of institutions.

**Telishevskaya L.I., Ilchenko D.V.** *Peculiarities of personnel management on enterprise.* – P. 116.

The article examines the essence of the personnel management system as the most important system of enterprise management. We provided methods, approaches of personnel management, the main functions of the personnel management system and its subsystems. Also this article researches the existing problems of personnel management in the enterprise. We considered development of concepts of personnel management from the level of Human Resources Department to the global management of human resources, human potential and intellectual capital. We determined feasibility of improving the structure of the personnel management system at domestic enterprises with the theoretically developed attributive structure and the system of professional development of the personnel. We provided reasons of adapting conditions of operating activities of domestic enterprises to the Japanese school of personnel management in terms of education and training of their employees from the moment of hiring, which would be a prerequisite for the employment of young professionals.

*Keywords:* personnel management, functions, methods, approaches, concept, enterprise, personnel development, subsystems, intellectual capital, attributive system.

**Umanets S.V.** *A Worldwide Experience Of Energy Recovering Development In Agricultural Sector.* – P. 266.

The main findings of researchers which are described in this article were the learning the from the the worldwide experience of energy recovering development in agricultural sector through the ratings of the top priorities of the European Union in the area of common agricultural policy including its structural components and exploring the institutional approaches in the are of forming the common agricultural policy of the EU and also its Strategy in energetics in context European Strategy «Europe 2020» and The 8th Regional Development Framework Program «Horizon 2020». This research proves the expediency of the systemic approach in convergence of agricultural and energy policy of our country as one of the components in government's economy control. Also it proves the implementation of the european experience to the national economy which serves as the valuable strategic landmarks for Ukraine and european integration.

*Keywords:* Energy recovering, agricultural products, development, agricultural policy, energy policy, European Union.

**Usosky V.N.** *Essence of cryptocurreccy and historical prerequisites of development abstract liabilities as condition of bank emission of credit money.* – P. 47.

The article is devoted to comparative analysis of the essence of cryptocurrency and fiduciary money in context historical prerequisites of development abstract liabilities as condition of emission credit money. Miner produces cryptocurrency as a digital goods for sale for commodity market. A problem of revealing the economic meaning of cryptocurrency for the purpose of juristic legalization in economy of Belarus and its normative legal identification in legislation system is up to date issue.

*Keywords:* credit money as universal unconditional financial liabilities and requirements, cryptocurrency as a digital commodity, miner, banking system, abstract liability, simple liability, bill, regress, protest.

**Zhukov S.A., Malinoshevska K.I.** *Strategy of sustainable development of Ukraine: analysis of national, regional and entrepreneurial levels of provision.* – P. 12.

On the basis of the analysis, the article analyzes the theoretical and practical bases of sustainable development of the national economy, in particular industry, and also outlines the prospects for ensuring balanced development in Ukraine, building on the strategy of sustainable development «Ukraine 2020». The influence of sustainable development on the quality of life of the population is determined. The prospects for improving the regulatory and legal framework for sustainable development in Ukraine are identified. The emphasis on sustainable development goals and strategic principles of its provision in Ukraine, which in practice will ensure macroeconomic stability, ecological balance and social cohesion, will serve as a general basis for further transformations in Ukraine.

*Keywords:* sustainable development, sustainable development goals, sustainable development indicators, sustainable development strategy, normative and legal support, model of development stage, industrial production.