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## ECONOMIC THEORY

### **MODELS OF STATE ECONOMIC POLICY FOR THE SETTING UP AND DEVELOPMENT OF REGIONAL INTEGRATION INTERSTATE ASSOCIATIONS OF COUNTRIES WITH EMERGING MARKETS**

© 2019 **Bu Tong**

Trainee, Department of Economic Theory and Management  
Moscow Pedagogical State University, Moscow, Russia  
E-mail: Chairt.etm@bk.ru

The article highlights the reproductive and productive models of state economic policy for the setting up and development of regional integration interstate associations of countries with emerging markets, and their main features are determined. The productive model is described as the most promising in the process of selecting models of the state integration economic policy. The author has indicated the new forms of the integration interaction of countries with emerging markets associated with the implementation of investment infrastructure projects «One belt and one way.»

*Keywords: economic integration policy models, productive model, reproductive model, integration, regional interstate association, EAEU, SCO, One Belt and One Way projects.*

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### **MANAGERIAL ECONOMICS AND BEHAVIORAL ECONOMICS: GENERAL AND SPECIAL**

© 2019 **Sazhina Muza Arkadevna**

Doctor of Economics, Professor  
Moscow State University named after M. V. Lomonosov, Moscow, Russia

The article reveals the content of executive and behavioral theories during expansion and complication of economic science. Common and distinctive features of these theories, their relation to the changing mechanism of management of market process and cross-disciplinary interaction of economics, sociology,

politics and psychology are shown. The conclusion is made about correlation of executive and behavioral theories, the possibility and necessity of their joint use.

*Keywords: executive economics; behavioral economics; human rationality; irrationality of human behavior; politics and management; governmental management of economic processes; correlation of executive and behavioral theories; joint use of executive and behavioral theories.*

## PROSPECTS FOR THE DEVELOPMENT OF INTEGRATION INSTITUTIONS IN THE ECONOMIC SPACE OF THE COUNTRIES WITH DEVELOPING MARKETS

© 2019 **Sun Yumeng**

Trainee, Department of Economic Theory and Management  
Moscow Pedagogical State University, Moscow, Russia  
E: mail: Chairt.etm@bk.ru

© 2019 **Platonova Elena Dmitrievna**

Doctor of Economics, Professor, Head of Department of Economic Theory and Management  
Moscow Pedagogical State University, Moscow, Russia  
E: mail: etm@mpgu.edu

The turbulality of the world economy is the result of the simultaneous action of centrifugal and centripetal forces. That processes have led to increase the regionalization and the reconfiguration of the world economy. In the space of the interaction between the countries with developing markets including China and Russia, an international intergovernmental organization (SCO) has been created. Within the framework of the SCO the integration institutions are being formed the stage-by-stage evolutionary development of which can lead to the functioning of a integration economic association.

*Keywords: world economy, integration institutions, integration stages, proto-integration, integration economic structure, integration economic association, Shanghai Cooperation Organization (SCO)*

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## ECONOMICS AND MANAGEMENT OF NATIONAL ECONOMY

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### **ON THE ASSESSMENT OF THE EFFECTIVENESS OF QUALITY CONTROL TOOLS FOR THE PERFORMANCE OF THE FACULTY STAFF IN HIGHER EDUCATIONAL INSTITUTIONS**

© 2019 **Agibalova Elena Leonidovna**

PhD in Philosophy, Associate Professor, Head Department of Foreign Languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
Email: kafedra-iy3@rea.ru

© 2019 **Karzhanova Natalya Viktorovna**

PhD in Philosophy, Associate Professor Department of Foreign Languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
Email: kafmkk@mail.ru

© 2019 **Zabaznova Natalya Mikhailovna**

The senior teacher of the Department of Foreign Languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
Email: nmzabaznova@gmail.com

© 2019 **Muradova Irina Yuryevna**

The senior teacher of the Department of Foreign Languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
Email: gryad@mail.ru

The article is devoted to the issue of assessing the effectiveness of quality control tools for the faculty staff in higher education institutions. The study focused on quality control tools for the faculty staff in higher education institutions, the subject is the effectiveness of their application measured on the basis of evaluation procedure. Theoretical and methodological significance of the study lies in the development of human resource management theory in the aspect of their performance quality. Practical significance of the study is determined by the increasing systematization of the quality control tools usage for the faculty staff in higher education institutions.

*Keywords: Evaluation, effectiveness, tools, control, quality of performance, faculty staff, higher education institution.*

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## CHEMICAL INDUSTRY OF RUSSIA (DEVELOPMENT ANALYSIS 2005–2017)

© 2019 **Bakharev Vladimir Vasilievich**

Ph.D., Associate Professor, Graduate School of Service and Trade  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: [baharev\\_vv@spbstu.ru](mailto:baharev_vv@spbstu.ru)

© 2019 **Dyukareva Julia Pavlovna**

Graduate School of Economics and Technologies  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: [dukarevayulia@gmail.com](mailto:dukarevayulia@gmail.com)

© 2019 **Konnikov Evgenii Aleksandrovich**

Graduate School of Economics and Technologies  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: [konnikov.evgeniy@gmail.com](mailto:konnikov.evgeniy@gmail.com)

© 2019 **Konnikova Olga Anatolievna**

Ph.D., Marketing department  
St. Petersburg State University of Economics, St. Petersburg, Russia  
E-mail: [olga.a.konnikova@gmail.com](mailto:olga.a.konnikova@gmail.com)

© 2019 **Khodosov Kirill Aleksandrovich**

Graduate School of Economics and Technologies  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: [k.a.khodosov@bk.ru](mailto:k.a.khodosov@bk.ru)

As part of the development of a new technological order, global industrial markets are becoming increasingly competitive. In conditions of hypercompetition, the complexity of the industrial sector of the economy and the stability of relations between industries begin to play a special role. One of the



most significant in this case is the chemical industry, as it acts as a link between most extractive and manufacturing industries, and is also closely related to the agricultural sector. Consequently, the sustainability of development of the chemical industry has strategic importance for the entire industry as a whole. In the framework of this article, the authors examine the contribution of individual resource factors to the formation of the results of the Russian chemical industry and formulate key areas for its development.

*Keywords: chemical industry, annual output, revenue*

## **THE INFLUENCE OF THE COMPOSITION OF FOREIGN TRADE OF THE RUSSIAN FEDERATION ON THE SOCIO-ECONOMIC INDICATORS**

© 2019 **Bakharev Vladimir Vasilievich**

Ph.D., Associate Professor, Graduate School of Service and Trade  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: baharev\_vv@spbstu.ru

© 2019 **Konnikov Evgenii Aleksandrovich**

Graduate School of Economics and Technologies  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: konnikov.evgeniy@gmail.com

© 2019 **Konnikova Olga Anatolievna**

Ph.D., Marketing department  
St. Petersburg State University of Economics, St. Petersburg, Russia  
E-mail: olga.a.konnikova@gmail.com

© 2019 **Lukashevich Nikita Sergeevich**

Ph.D., Associate Professor, Graduate School of Management and Business  
Peter the Great St. Petersburg Polytechnic University (SPbPU), St. Petersburg, Russia  
E-mail: lukashevich@kafedrapik.ru

One of the most significant drivers of economic growth is foreign trade. Moreover, the more a country is integrated into foreign trade, the greater its development begins to depend on the ratio of exports and imports of certain groups of goods. In the framework of this article, the authors examine the question of the dependence of key socio-economic indicators of Russia on the dynamics of foreign trade, in the context of key product groups.

*Keywords: foreign trade, industry, socio-economic indicators.*

## **FEATURES OF INNOVATIVE DEVELOPMENT OF COASTAL RURAL TERRITORIES OF THE EUROPEAN PART OF RUSSIA**

© 2019 **Gorochnaya Vasilisa Valerievna**

PhD in Economics, specialist in educational and methodical work  
South Federal University, Rostov-on-Don, Russia  
researcher  
Immanuel Kant Baltic Federal University, Kaliningrad, Russia  
E-mail: tunduk@hotmail.com

© 2019 **Mikhaylova Anna Alekseevna**

PhD in Geography, senior research fellow  
Immanuel Kant Baltic Federal University, Kaliningrad, Russia  
E-mail: tikhonova.1989@mail.ru

© 2019 **Gumeniuk Ivan Sergeevich**

PhD in Geography, senior research fellow  
Immanuel Kant Baltic Federal University, Kaliningrad, Russia  
E-mail: IGumeniuk@kantiana.ru

The article reveals the innovative development of rural municipal territories of the Western borderline of Russia with coastal localisation and risks of external technological dependence due to vulnerability in modern conditions of geo-economic instability. The authors point out diffusion of innovations deep into territories through seaside agglomerations as centers of science and production.

*Keywords: rural areas, coastal agglomeration, diffusion of innovations, geography of innovations, innovation space.*

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## METHOD OF COST CLASSIFICATION AND MANAGEMENT FOR OIL AND GAS FIELD

© 2019 **Diachenko Olga Igorevna**  
DECENT, Slovakia, Bratislava  
E-mail: [Olga.Diachenko12@gmail.com](mailto:Olga.Diachenko12@gmail.com)

Overview of existing approaches to cost classification is presented; standard cost management methods are analysed, and their downsides are highlighted. Cost detalization method based on oil production cycle is introduced. The term “relatively-direct costs” of production unit and infrastructure facility object is introduced; principals of “relatively-direct costs” estimation are defined; practical value of the presented method is underlined.

*Keywords: Oil and gas field costs, detailed cost estimation, costs classification, oil production cycle, “relatively-direct costs”, costs of production unit exploitation, cost of oil well exploitation, costs of infrastructure facility exploitation.*

## DEVELOPMENT OF BREAD PRODUCTION AS PART OF THE GRAIN-PRODUCT SUBCOMPLEX OF THE AGRO-INDUSTRIAL COMPLEX OF THE REGION (THE CASE OF THE ORENBURG REGION)

© 2019 **Zemlyankina Alena Sergeevna**  
lecturer, Department of Accounting and Auditing  
Orenburg State Agrarian University, Orenburg, Russia  
E-mail: [znanie56@yandex.ru](mailto:znanie56@yandex.ru)

© 2019 **Larina Tatyana Nikolaevna**  
Doctor of Economics, Associate Professor, Professor of Accounting and Auditing  
Orenburg State Agrarian University, Orenburg, Russia  
E-mail: [lartn.oren@mail.ru](mailto:lartn.oren@mail.ru)

The authors of the article analyzed the state and prospects of development of the production of bread and bakery products as part of the grain product subcomplex of the regional agro-industrial complex. The object of study is the Orenburg region. The subject of the study is the economic relations between producers of grain producers of bread and bakery products.

*Keywords: grain product subcomplex, agro-industrial complex, bakery, region, grain, economic relations, production efficiency, development.*

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## DEVELOPMENT OF AN APPROACH TO IMPROVING THE MANAGEMENT OF MUNICIPAL PROPERTY

© 2019 **Lobkova Elena Valeryevna**

Candidate of Economic Sciences, Associate Professor of the Department of Social and Economic Planning  
Siberian Federal University, Krasnoyarsk, Russia  
E-mail: [elena.valerin@yandex.ru](mailto:elena.valerin@yandex.ru)

Existing problems of managing municipal property significantly limit the ability to solve the problems of territories in the social sphere and economy. The effectiveness of the process of managing property is investigated and discussed by many authors. Currently, municipalities demonstrate a low level of efficiency in using the potential of property owned by them on the basis of property rights. The current direction of the study is the development of an integrated approach to assessing the effectiveness and efficiency of managing municipal property. This approach is intended to become the basis for the development of measures to improve the municipal property management system. The author proposes a system of

indicators – indicators of the most important problems of managing property of territories. An approach has been developed to build the optimal property structure of the municipality, maximizing the total income from the management of facilities. The application of this approach is shown on the example of one of the cities in solving the problem of choosing real estate to be leased and sold in the forecast period of time.

*Keywords: municipal property, property of the municipality, the effectiveness of the management system, municipal budget.*

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## **THE EFFECTIVENESS OF THE USE OF FINANCIAL RESOURCES BY ORGANIZATIONS PROVIDING REHABILITATION SERVICES FOR PEOPLE WITH DISABILITIES AND CHILDREN WITH DISABILITIES**

© 2019 **Maximova Margarita Nikolaevna**

Doctor of Economy, Professor, The Head of the Department of Economic Theory and Social Work,  
Dean of the faculty of social work and higher nursing education  
Kazan State Medical University of the Ministry of Healthcare of Russian Federation, Kazan  
E-mail: soc90@mail.ru

© 2019 **Maksimov Dmitry Sergeevich**

Assistant of the Department of Economic Theory and Social Work  
Kazan State Medical University of the Ministry of Healthcare of Russian Federation, Kazan

© 2019 **Ginsburg Mariya Vladimirovna**

PhD in Economy, Assistance Professor of the Department of Economic Theory and Social Work  
Kazan State Medical University of the Ministry of Healthcare of Russian Federation, Kazan  
E-mail: mvginsburg@bk.ru

The analysis of the effectiveness of the use of budget funds allocated in 2015–2018 to support the activities of social institutions providing rehabilitation and habilitation services for disabled people and children with disabilities in order to assess the performance of the centers for the rehabilitation of people with disabilities. Based on the results of the effectiveness analysis were made conclusions, suggestions and recommendations.

*Keywords: rehabilitation and habilitation services for people with disabilities; efficient use of budget funds; funding for rehabilitation centers for people with disabilities*

## **IMPROVEMENT OF EDUCATION QUALITY IN THE CONTEXT OF HIGH SCHOOLS EFFICIENCY OF ACTIVITY INCREASING**

© 2019 **Maljanov Daniel Viktorovich**

assistant

Enterprises and industrial complexes economy and management department

Saint-Petersburg State Economical University, Saint-Petersburg, Russia  
E-mail: daniil\_malaynov@list.ru

The article considers the problem of finding instruments of teaching in higher vocational education in a limited time interval when there are problems with the perception of modern students. The substantiation of the problem. The tools proposed with reference to historical and contemporary scientifically-based pedagogical approaches. By themselves, tools are not new to national education. Interest options for their use and the possibility of combined use. The proposed options have justification.

*Keywords: education, the higher school, quality of education*

## ON THE ISSUE OF ASSESSING THE EFFECTIVENESS OF FINANCING HIGHER EDUCATION INSTITUTIONS BASED ON THE ANALYSIS OF THE FACULTY STAFF RATING

© 2019 **Nikolaeva Elena Anatolevna**

PhD in Sociology, Associate professor, Department of foreign languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
E-mail: voltash82@mail.ru

© 2019 **Kazimirova Irina Sergeevna**

PhD in Philology, Associate professor, Department of foreign languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
E-mail: irinacasimirova@yandex.ru

© 2019 **Panchenko Ekaterina Yuryevna**

The senior teacher, Department of foreign languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
E-mail: katya368@yandex.ru

© 2019 **Rodnikova Oxana Yuryevna**

The senior teacher, Department of foreign languages No. 3  
Plekhanov Russian University of Economics, Moscow, Russia  
E-mail: orodnikova@yahoo.es

The authors of the article examined the issue of evaluating the effectiveness of financing higher education institutions based on the analysis of the rating of faculty members. The object of the study was the higher educational institutions of the Russian Federation, and the subject was the effectiveness of their financing in the aspect of the analysis of the faculty staff rating. The theoretical and methodological significance of the study lies in the development of the theory of optimal financing of economic entities. The practical significance of the study is determined by the possibility of making balanced decisions in the management of a higher academic institution in conjunction with the analysis of the rating of the faculty.

*Keywords: Higher education institution, financing, efficiency assessment, analysis, rating, faculty staff.*

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## FORMATION METHODS OF ANALYSIS FOR THE ENTERPRISE MODERNIZATION

© 2019 **Nikulina Ekaterina Yuryevna**

Samara State University of Economics, Samara, Russia

E mail: [katerina\\_nikulina@list.ru](mailto:katerina_nikulina@list.ru)

Modernization is a vital mechanism to survive for companies in a changing environment. Analysis of the state of the enterprise is one of the first stages of modernization. The authors developed a methodology for analyzing the need, progress and direction of enterprise modernization as a result of a study of existing approaches to the analysis of enterprise activity. The proposed methodology provides the opportunity for a thorough study and assessment of the state of the enterprise and its position on the market, the need, progress and direction of modernization of the enterprise, and, as a result, it is reasonable to formulate a modernization project.

*Keywords: modernization, analysis of the state of the enterprise, machine-building industry, technology of strategic analysis*

## CORPORATE GOVERNANCE OF RUSSIAN COMPANIES UNDER THE WESTERN SANCTIONS

© 2019 **Pokramovich Olga Viktorovna**

Candidate of Science in Economics, Associate Professor of management and information technology  
Kursk branch of the Financial University under the Government of the Russian Federation, Kursk, Russia

E-mail: [81pokrov@mail.ru](mailto:81pokrov@mail.ru)

The article discusses some of the consequences of including Russian companies into the anti-Russian sanctions list in the period 2016–2018. It is about the sanctions as factors that worsen the development



prospects of national industrial giants. Statistics are provided to describe them. It is noted the possibility of using anti-Russian sanctions to accelerate the growth of the national economy, provided that Russian companies could reorient from external factors of their development to internal ones that are associated with inclusive development of the national economy. The latter can only be realized if an adequate institutional environment is formed in Russia for the activities of economic agents.

*Keywords: negative impact of western sanctions, state of Russian companies from the sanctions list, reorientation of national companies to internal development factors.*

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## THE USE OF TREND-SEASONAL MODELS IN FORECASTING PASSENGER RAIL TRAFFIC

© 2019 Proskuryakova Elena Aleksandrovna

Ph.D., Associate Professor, Department of Transport Economics

Emperor Alexander I St. Petersburg State Transport University, St. Petersburg, Russia

The paper deals with the forecasting passenger rail traffic. We analyze the specifics of passenger traffic which must be taken into account when forecasting it. We have developed a passenger traffic forecast based on a trend-seasonal model. Also we have developed recommendations on use of the obtained forecast results.

*Keywords: socio-economic forecasting, forecasting methods, trend, seasonal fluctuations, extrapolation, passenger traffic, railway transport, passenger railway complex*

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## **METHODS OF COST ANALYSIS IN THE FRAMEWORK OF DIFFERENT APPROACHES TO COST MANAGEMENT IN THE MACHINE-BUILDING ENTERPRISES**

© 2019 **Streltsova Darja Alekseevna**

Postgraduate

Samara State University of Economics, Samara, Russia

E-mail: strelcova.dasha@inbox.ru

Strategic and operational approaches to cost management are considered, selection of the tactical approach is proved; the main methods of the costs analysis are revealed on the basis of which methodical recommendations on carrying out the analysis of costs at the machine-building enterprises are offered.

*Keywords: costs analysis methods, operational, tactical, strategic approaches to cost management, factors, value chain, CVP-analysis.*

## **MODELING OF NORTHERN TERRITORIES DEVELOPMENT SCENARIOS: METHODOLOGICAL AND INFORMATIONAL ASPECTS**

© 2019 **Tutygin Andrey Gennadevich**

Candidate of physical and mathematical sciences, associate professor, leading researcher

Federal center for integrated Arctic research named after academician N.P. Laverov,

Russian Academy of Sciences, Arkhangelsk, Russia

E-mail: andgt64@yandex.ru

© 2019 **Korobov Vladimir Borisovich**

Doctor of geographical sciences, chief researcher

Federal center for integrated Arctic research named after academician N.P. Laverov,

Russian Academy of Sciences, Arkhangelsk, Russia

Director of the Northwest branch of Institute of Oceanology named after P.P. Shirshov,

Russian Academy of Sciences, Arkhangelsk, Russia

E-mail: szoioran@mail.ru

© 2019 **Chizhova Lyudmila Aleksandrovna**

Candidate of economic sciences, associate professor, leading researcher

Federal center for integrated Arctic research named after academician N.P. Laverov,

Russian Academy of Sciences, Arkhangelsk, Russia

E-mail: chijova.mila@yandex.ru

Socio-ecological and economic systems of the Northern territories have a number of specific problems and features, which, on the one hand, are essential in creating scenarios for their development, on the other-are difficult to formalize and quantify in the development of appropriate models. At the same time, the factors shaping the characteristics of the Northern territories are extremely heterogeneous, including

in terms of their measurability and comparability, and information about them is not always complete and authentic. By correlating natural-ecological and socio-economic factors that have a significant impact on the development of the Northern territories, the authors note that the information base and approaches to modeling scenarios currently available lead to certain systemic contradictions, which require the creation of a single content field to resolve. As an information basis for the development of simulation models, it is proposed to use, along with traditional sets of statistical indicators, the estimates obtained as a result of complex expert procedures. The paper provides a brief overview and comparison of a number of existing approaches to the development of models of the dynamics of socio-ecological and economic systems. In particular, we discuss the problem of static environment, which can not be overcome in the framework of certain classical approaches. The authors come to the conclusion that the agent-oriented approach is the most acceptable for simulation of scenarios of socio-ecological and economic systems development.

*Keywords: modeling of scenarios of development of territories, socio-ecological and economic systems, Northern territories, technologies of expert assessments*

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## **FINANCE, MONEY CIRCULATION AND CREDIT**

### **FEATURES OF BANK CREDITING OF LEGAL ENTITIES IN MODERN CONDITIONS OF THE RUSSIAN ECONOMY**

© 2019 **Slavin Nikolai Sergeevich**

PHD in economics, associate Professor, Department of transport Economics,  
Emperor Alexander I St.-Petersburg State Transport University, St.-Petersburg, Russia  
E-mail: slanspb@mail.ru

The article discusses the current trends in the development of Bank lending to legal entities in Russia. The dynamics of changes in the volume of lending by Russian commercial banks to legal entities in 2018 and 2019 is analyzed. The analysis of approaches of evaluating the credit risk of a potential borrower is given in the article.

*Keywords: commercial Bank; economy; credit; credit risk; legal entity; Russia.*

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## WORLD ECONOMY

### **ASSESSMENT OF THE COMPETITIVE ADVANTAGES OF THE BRICS COUNTRIES BASED ON CROSS-COUNTRY COMPARISONS**

© 2019 **Abramov Valery Leonidovich**

Doctor of Economics, Professor

Chief Researcher of the Institute for International Economic Research

Financial University under the Government of the Russian Federation, Moscow, Russia

E-mail: valabr@yandex.ru

The relevance of the article is predetermined by the insufficient development of the problem and the holding of a summit of the BRICS countries in Russia in 2020. The competitive advantages of the BRICS countries are examined on the basis of recognized international comparisons. The conclusions and suggestions on the use of the competitive advantages of the BRICS countries are formulated.

*Keywords: BRICS, competitive advantages, global competitiveness, Industry 4.0, rating, digital competitiveness, cooperation.*

### **STATE-OWNED TNCs AT THE CURRENT STAGE**

© 2019 **Olga Cretu**

PhD student of the 3rd year of study at Department of international economic relations and foreign economic ties named N.N. Liventsev

Moscow state institute of international relations MGIMO-University, Moscow, Russia

E-mail: olga-cretu92@mail.ru

This article presents the main peculiarities of the state-owned TNCs during recent years, exactly starting with 2011, when UNCTAD published a whole chapter on the theme in the annual World Investment Report. State-owned TNCs are a relatively new phenomenon, so the methodology has not yet been fully developed, economists just began to collect data on this topic. In this article the author reveals the main features of state-owned TNCs, the main trends in their strategies, as well as the role of the governments in their development.

*Keywords: transnational corporations, multinationals, TNCs, state-owned TNCs, internationalization, globalization.*

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## **RUSSIAN FEDERATION IN THE WORLD INTELLECTUAL PROPERTY MARKET: PROBLEMATIC ISSUES AND PROSPECTS**

© 2019 **Mikhailov Maxim Viktorovich**

Post-graduate researcher of the World Economy Chair

Plekhanov Russian University of Economics, Moscow, Russia

Head of Legal Department, Sojuzpatent IP Law Firm (sojuzpatent.com), Moscow, Russia

E-mail: [maxim.v.mikhailov@gmail.com](mailto:maxim.v.mikhailov@gmail.com)

ORCID0000-0002-2905-8199

The article contains the research on role and place of Russia in the world industrial intellectual property market. Nowadays, our country is net importer of IP objects, even if we take into account military-commercial programs with other states. Combination of geoeconomic and geopolitical challenges enabled the development of national strategy on forming the system of managing Russia's intellectual resources for the prospective period based on the country's current economic potential.

*Keywords: intellectual property, patent, PCT, technology balance of payments, technological dependence ratio*