Economic Relations of Japan with the Developing Economies Within Asia Pacific

Gibadullin Marat Zufarovich
Kazan Federal University
Russia, Kazan
N.G.789@mail.ru

Nurieva Aygul Rustamovna
Kazan Federal University
Russia, Kazan
nurieva_a.r@mail.ru

Mingazova Nailya Gabdelhamitovna
Kazan Federal University
Russia, Kazan
Nailya.Mingazova@ksu.ru

Nasretdinov Ildar Talifovich
Kazan Federal University
rdin@mail.ru

Valeeva Julya Sergeevna
Kazan Federal University
Kazan State Power Engineering University
valis2000@mail.ru

Gatina Farida Fargatovna
Kazan State Agrarium University
farida_fargatovna@mail.ru

Abstract—The paper highlights the international economic relations of Japan with the developing Asia Pacific economies. The analysis of the foreign turnover of Japan is based on the study of the empirical data of the Customs service of the country on foreign trade volume. The time frame for the study is restricted to the period from 2010 to 2017, as the aftermath of the global financial crisis in 2009. As a result of the study, it is stated that Japan has formed the zone of international cooperative interaction. The ranking among the states involved into the international cooperative interaction with Japan is carried out. At the core of the zone of international cooperative interaction with Japan is the group of states with sustainable and stable foreign trade contacts. Japan is revealed as having "a short arm" in international cooperative interaction, restricted to the developing countries of the Asia Pacific region. The peculiarities of economic interaction between Japan and China, the USA and the Republic of Korea are stated. The cooperative relations of Japan and Russia are under special consideration. We came to the conclusion that at the moment the potential of Japan-Russia economic cooperation is not fully exploited; Russia is not at the score of the zone of international cooperative interaction with Japan.

Keywords: international economic relations, foreign trade turnover, state's international business network area, international cooperative ventures, periphery, Japan, developing Asia Pacific economies

I. INTRODUCTION

Modern system of international economic relations has different forms of realization. It includes international trade in goods and services, capital movements, international labour migrations, scientific and technical cooperation between countries, social and cultural service exchange. Within this diversity, trade is the basic form of international economic relations.

Having arisen in ancient times, international trade originated in the process of evolution from elementary exchange to modern non-cash transactions. A. Smith explained the reason of trade relations different countries and peoples are involved in: “If any foreign country can supply us with any goods at lower costs than we are able to produce it, we’d better buy it from a foreign country on some part of our own industrial labour in the area where we have some competitive advantage” [Smith, 1935: 32-33].

Mercantilists were the first to provide the scientific challenge related to understanding international trade for economic development of a country. Different aspects of trade policy, trade and economic cooperation, international and regional cooperation have been studied by foreign and Russian scholars form different perspectives [Acharya, Sharma & Rao, 2003: 13-88; Andresen, 2010: 139–157; Andresen, 2009: 187-202; Gilmartin, Learmouth, Swales, McGregor & Turner, 2013: 814-834; Gauselmann & Marek, 2012: 487-511; Gibadullin, Fazlieva & Nurieva, 2014: 501-505; Gibadullin, Fazlieva, Nurieva & Grigoryeva, 2014: 93-96].

Nowadays, trade has acquired tremendous dimensions. In 2014, the peak of world trade in goods reached 38.0 trillion US dollars. To some extent, all countries and territories of the world are involved in it. And only some developed countries...
of the world play the main role in world trade. In 2017, twenty countries of Europe, North America and Asia accounted for 70% of world exports and imports. Japan was of the forth rank among them (with its 3.9% export levels and 3.7% import levels).

However, in the past decade the world trade is characterized by fragile dynamics. According to the World Trade Statistical Review of 2010 – 2017 [14], since 2014 world trade exchange had been falling for two consecutive years. Despite positive increase in 2017, it had not achieved its pre-crisis level (Table I).

| TABLE I. THE DYNAMICS OF WORLD TRADE IN GOODS IN 2010-2017 (IN TRILLION US DOLLARS) |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|------|------|------|------|------|------|------|------|
| world trade in goods | 30.6 | 36.6 | 37.7 | 38.0 | 33.2 | 32.1 | 35.7 |

International trade volatility depends on world economy, which is fragile in general. Trade wars, swept across modern international economic relations, do not contribute to the strengthening of the positive trends. In this respect, World Trade Organization had to adjust world trade growth projections in 2019 at lower grades from 3.7 to 4.0%.

International trade involves exports and imports. According to World Customs Organization, merchandise exports are exports of goods for their sales in the external market – the action which leads to taking the items out of the customs territory; and imports are the action which leads to entering the goods onto the customs territory [15, 2011: 86, 88, 116].

Exports and imports together represent State’s foreign trade turnover. According to the Customs service of Japan [13], the foreign trade turnover of Japan for the period of 2010-2017, as well as world trade, had fragile dynamics. Its peak it achieved in 2012, since then it for the period of five years it had been declining steadily, and slightly increased only in 2017, but still did not achieve the level of 2010 (Table II).

| TABLE II. THE FOREIGN TRADE TURNOVER OF JAPAN IN 2010 – 2017 (IN TRILLION YEN) |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|-------|------|------|------|------|------|------|------|
| The foreign trade turnover of Japan | 1.46 | 1.675 | 1.685 | 1.548 | 1.506 | 1.273 | 1.252 | 1.370 |

However, though being the basic indicator of the State’s involvement into international division of labour and productive specialization, the foreign trade turnover does not reflect the quality of international business networks between countries and characterize them according to their sustainability. The development of methodologies and tools, defining the state and dynamics of foreign trade relations of Japan is under consideration.

II. METHODS

State’s foreign trade assessment modeling suggests that all transactional regional units, such as separate states as well as administrative and territorial entities within a state, taking part in trade and economic interaction with the basic state, Japan, are divided into several groups depending on their intensive participation in trade exchange with each other.

Respectively, four groups of such countries are as follows:

1. Contracting states with the share of their imports and exports in foreign trade turnover of Japan that is no less than certain \( \alpha \) level (in relative units or percentages).

2. The regions with their turnover that is no less than \( \alpha \) level only according to their exports or imports.

3. The regions with their share in the turnover of the basic state that is less than \( \alpha \) level according to their exports and imports.

4. All the other regions with their share in the turnover of the basic state according to their imports and exports that is less than \( \alpha \) level, but they do not obligatory take part in the import and export turnover for a given level of statistical significance.

In order to allocate the most essential characteristics of the object studied – trade flows – we should implement the level sets using the set level quality.

\( \alpha \) set level of \( X \) fuzzy set (summary cost of states’ turnover with the basic region) is a set of elements (states or regions) \( x \in X \), and their degree of ownership \( \mu_x(x) \) corresponds to \( X \) fuzzy set with no less degree than \( \alpha \) figure, which is as follows:

\[
X\alpha = \{ x \mid x \in X, \mu_x(x) \geq \alpha \}
\] (1)

The target value of \( \alpha \) level set indicator for each basic state could be found using the following algorithm:

1) There is a certain target \( \alpha \) level (e.g., 1% or 0.01 in relative units);

2) Classes or groups are formed (1 – 4 respectively);

3) Some classes being represented with few or no states, \( \alpha \) figure is changed up or down;

4) The algorithm is considered to be complete in achieving sufficient for analyzing complete groups at the specified accuracy of solution for each group and at minimal risk to “lose” even a small amount of turnover among plenty of subjects.

As a result of computer processing of the algorithm, \( \alpha \) level was determined as \( \approx 0.89 \% \). Since the statistic tables provide accuracy for 90.95 and 99% (or inaccuracy for 10.5
and 1% respectively), the threshold of \( \alpha \) level as \( \approx 0.89\% \) does not contradict the accuracy of calculation used in social and economic statistics.

So, the suggested differentiation scheme of turnover between the states with Japan allows to analyze the content of international interaction at the quality level, defining the group of focus countries according to the value of trade exchange and the group of countries-outsiders.

The group of four territory units, differing according to target criteria, forms the zone of international trade and economic relations around the main region. The zone of international trade and economic relations is a group of countries that have some level of trade and economic contacts with the basic state.

The suggested scheme of solving the problem does not allow to analyze the stability of interregional relation dynamics. But it is realizable at the level of its consistent application to time-series data. For this reason the rating system of regions entering the basic region cooperative relation zone should be added to the suggested method for a separate year as well as for the period analyzed in general in the form of sequences of total rates.

The suggested scheme of states’ and regions’ differentiation shows that the subjects of the first group are very important for the economy of the basic region according to their role in the system of its interregional interaction. The countries and regions of the second, third and fourth groups for the economy of the basic region are less important.

Consequently, the regions of the first group are of the highest rank according to their importance for the economy of Japan (the first position in the ranking scale), the regions of the second group are of less importance (the second position), etc. down to the lowest level of the ranking relevance (the fourth position in the suggested scheme taking into account the target quantity of groups).

However, further analysis of the groups’ relevance demands a quantitative but not an ordinal scale, and the \( \tau \) reflection of ordinal ranks \( R \) in the weight \( W \) should be implemented:

\[
\tau : R \rightarrow W
\]  

This, in particular, provides reasons for further implementation of rank evaluations in algebraic calculation on a quantitative ordinal scale that shows weights of analyzed elements taking into account the normalizing rules.

\[
\sum_{i,j} w_{ij}, i = 1, n
\]

The suggested weight task is -, where \( n \) – the number of weighed elements (the groups of countries or regions according to their involvement into trade exchange with the basic region), \( i \) – the number of elements, \( j \) – the year of the experiment.

In this respect, the reflection (2) – switching from ranking to a quantitative scale – could be implemented with the help of Fishburne transformation, connected to the second type entropy transformation by C. Shannon.

Then the four formed groups will have the following weights:

\[
w1 = 0.40, w2 = 0.30, w3 = 0.20, w4 = 0.10.
\]

The interaction between the countries and regions with the basic region in the current year corresponds to \( Q_j \), and the total volume of the trade turnover in each group, as in \( x_{ij}, i = 1, 4 \), then region’s ranking for the current year \( X_j, j = 1, N \) (where \( N \) – the number of years at a certain period of time) can be calculated as follows:

\[
X_j = \sum_{i=1}^{4} x_{ij} w_{ij}
\]

During monitoring the year calculations on the formula (3) are conducted in the units of quantity of variable \( x \), or their multiple indicators could be used [16: 2011].

III. RESULTS

The approbation of the assessment methodology on the stability of the international relation was conducted on the statistical data on Japan. The choice of the country as the object of our research is caused by several factors. Firstly, Japan is one of the most developed countries of the world with the significant potential in international cooperative interaction and more than two hundred trade partners, including Russia. Secondly, Japan is one of the world leading producers of high-tech equipment. And, finally, Japan directly borders the Russian Federation that makes it an interesting object of our study.
TABLE III. GDP OF SOME COUNTRIES IN SOUTH-EAST ASIA DURING 2008-2014 (IN THE NATIONAL CURRENCIES)

| Country          | 2008 (trillion yen) | 2009 (trillion yen) | 2010 (trillion yen) | 2011 (trillion yen) | 2012 (trillion yen) | 2013 (trillion yen) | 2014 (trillion yen) | 2015 (trillion yen) | 2016 (trillion yen) |
|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Vietnam          | 1616.0              | 890.9               | 32157.8             | 32799.9             | 30245.4             | 30584.3             | 38937.9             | 4192.9              | 9502.7              |
| Indonesia        | 4948.2              | 606.0               | 26446.9             | 2422.6              | 2241.9              | 9084.0              | 9904.9              | 11526.3             | 12406.8             |
| The Republic of Korea | 1104.0              | 1517.6              | 2653.0              | 3326.6              | 3777.4              | 4142.9              | 4850.5              | 5641.4              | 1637.4              |
| Singapore        | 272.0               | 279.9               | 322.4               | 346.4               | 362.3               | 378.2               | 390.1               | 418.1               | 427.9               |
| Thailand         | 9.0                 | 9.0                 | 10.1                | 10.5                | 11.4                | 11.9                | 12.1                | 13.7                | 14.5                |
| Philippines      | 7.7                 | 8.0                 | 9.0                 | 9.7                 | 10.5                | 11.5                | 12.6                | 13.2                | 14.4                |
| Japan (trillion yen) | 501.2               | 471.1               | 482.4               | 471.3               | 475.1               | 482.4               | 489.6               | 532.0               | 538.4               |
| The Republic of Korea (trillion won) | 315.5              | 348.0               | 40.2                | 47.2                | 53.4                | 58.97               | 64.0                | 69.9                | 74.5                |

The economy of Japan is not having the finest period of its history. In the aftermath of the global financial crisis in 2008-2009 national economic recovery is very slow. In fact it is in decline. Tables 3 and 4 show that Japan has not overcome the consequences of the global crisis yet. The gross domestic product (GDP) is still lower than that before the crisis, and its dynamics in comparable prices is worse than in the regional neighbouring countries: annual real GDP barely reaches 1%, while in China it reached from 6 to 10% in different years, and in the other developing economies of the region from 3 to 5% [4] as it is seen below:

TABLE IV. THE DYNAMICS OF GDP (IN COMPARABLE PRICES, IN PERCENTAGE AS AGAINST THE PREVIOUS YEAR)
It should be mentioned that the role of the Socialist Republic of Vietnam in the Japanese foreign trade has increased. Recently, the trade contacts between the two countries have significantly intensified. The economic reforms in Vietnam led to the recovery of the foreign economic activity of the country on the world market and intensified the Japanese-Vietnamese economic relations.[16]

Although some misunderstanding in the relations of Japan with Asia Pacific countries in the past because of the colonial activity of “the Land of the Rising Sun”, nowadays the contradictions do not influence the nature of bilateral relations. The parties brought to the fore their mutual economic interests connected with trade cooperation-building and a free trade area establishing in the region.

So called “official development assistance programs (ODAP)” play an important role in maintaining and strengthening the Japanese influence in Asia Pacific countries.

Official development assistance programs include various branches of the economic cooperation between Japan and developing markets of Asia Pacific countries (agriculture, infrastructure, humanitarian cooperation, etc.)[17].

American market is very important for Japanese economy as well. Japan has still positive dynamics of trade turnover with overseas partners. For seven post-crisis years the volume of American-Japanese trade increased from 16.1 up to 21.9 trillion yen. American share in the total volume of Japanese exports has increased from 15 (in 2010) to 20 (in 2016) %, and the imports from 9% (in 2010) to 11% (in 2016). Japan shows sustainable positive trade balance in the interaction with the USA: the export flows are almost twice as high as imports.[18]

As for the European Union, only Germany is in the core of the international cooperative interaction zone of Japan. The share of Germany in export and import transactions has the sustainable level of 2.5-3.0% with no signs for increasing.

The second group of countries is formed from the counterpartners with their share of no less than 1% in the foreign trade turnover of Japan at least once according to the proposed criteria. This segment of the international cooperative interaction zone is characterized with less sustainability and stability of economic relations between partners that leads to the countries’ dropping out temporarily or for a longer period of time. The trade partners of the second group form the so-called center of the international cooperative interaction. Russia is among them. Though, it should be mentioned that in the medium-term period (from 2010 to 2014) Russia was in the core of the international cooperative interaction zone of Japan, but dropped out because of the decreased interaction in the sphere of Japanese export trade flows to Russia while import trade flows were rather sustainable (about 2%).[19,22] The research proves the existence of the trade cooperative potential between the two countries. The constraint in economic relations between Russia and Japan is still the problem of signing the peace treaty and the regulation of the territorial dispute.

V. CONCLUSION

According to our research there are following conclusions:

1. Every country, involved into the system of international economic relations, forms the international cooperative relation zone.

2. The international cooperative interaction zone is of diverse structure. The core of the zone is formed by the countries that have sustainable trade relations with Japan as the object of our research for a certain period of time. The core of the international cooperative interaction zone forms the

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**TABLE V. THE PARTICIPATION PROPORTION OF THE COUNTRIES – THE CORE OF THE JAPAN’S INTERNATIONAL COOPERATIVE RELATION ZONE IN EXPORTS AND IMPORTS (IN PERCENTAGE) [13]**

| Year | China | USA | Vietnam | Germany | Indonesia | Malaysia | Canada | The Republic of Korea | Thailand | Australia | total |
|------|-------|-----|---------|---------|-----------|----------|--------|----------------------|---------|------------|-------|
| 2010 | 19.3  | 15.7| 10.1    | 2.7     | 1.9       | 2.2      | 1.2    | 8.0                  | 6.7     | 4.3        | 64.9  |
| 2011 | 17.9  | 15.3| 11.1    | 2.7     | 2.1       | 2.2      | 1.3    | 7.9                  | 6.1     | 4.4        | 64.6  |
| 2012 | 18.1  | 18.1| 12.9    | 2.6     | 2.3       | 2.0      | 1.1    | 7.9                  | 5.7     | 5.0        | 66.8  |
| 2013 | 18.1  | 18.5| 14.1    | 2.6     | 2.1       | 1.9      | 1.2    | 7.4                  | 5.8     | 4.4        | 66.9  |
| 2014 | 18.2  | 20.1| 16.9    | 2.7     | 2.1       | 2.0      | 1.2    | 7.0                  | 5.8     | 4.4        | 65.7  |
| 2015 | 17.5  | 20.1| 18.0    | 2.5     | 1.7       | 2.0      | 1.1    | 7.1                  | 6.0     | 4.2        | 65.9  |
| 2016 | 18.9  | 19.3| 19.3    | 2.5     | 1.9       | 2.0      | 1.2    | 7.5                  | 5.6     | 4.2        | 66.4  |
| 2017 | 18.9  | 18.9| 19.4    | 2.4     | 1.9       | 2.0      | 1.3    | 7.5                  | 5.6     | 4.3        | 67.3  |
| 2018 | 18.9  | 18.2| 18.6    | 2.3     | 1.9       | 2.0      | 1.2    | 7.2                  | 5.6     | 4.3        | 67.4  |

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**TABLE VI. THE PARTICIPATION PROPORTION OF THE COUNTRIES – THE CORE OF THE JAPAN’S INTERNATIONAL COOPERATIVE RELATION ZONE IN EXPORTS AND IMPORTS (IN PERCENTAGE) [13]**

| Year | China | USA | Vietnam | Germany | Indonesia | Malaysia | Canada | The Republic of Korea | Thailand | Australia | total |
|------|-------|-----|---------|---------|-----------|----------|--------|----------------------|---------|------------|-------|
| 2010 | 19.3  | 15.7| 10.1    | 2.7     | 1.9       | 2.2      | 1.2    | 8.0                  | 6.7     | 4.3        | 64.9  |
| 2011 | 17.9  | 15.3| 11.1    | 2.7     | 2.1       | 2.2      | 1.3    | 7.9                  | 6.1     | 4.4        | 64.6  |
| 2012 | 18.1  | 18.1| 12.9    | 2.6     | 2.3       | 2.0      | 1.1    | 7.9                  | 5.7     | 5.0        | 66.8  |
| 2013 | 18.1  | 18.5| 14.1    | 2.6     | 2.1       | 1.9      | 1.2    | 7.4                  | 5.8     | 4.4        | 66.9  |
| 2014 | 18.2  | 20.1| 16.9    | 2.7     | 2.1       | 2.0      | 1.2    | 7.0                  | 5.8     | 4.4        | 65.7  |
| 2015 | 17.5  | 20.1| 18.0    | 2.5     | 1.7       | 2.0      | 1.1    | 7.1                  | 6.0     | 4.2        | 65.9  |
| 2016 | 18.9  | 19.3| 19.3    | 2.5     | 1.9       | 2.0      | 1.2    | 7.5                  | 5.6     | 4.2        | 66.4  |
| 2017 | 18.9  | 18.9| 19.4    | 2.4     | 1.9       | 2.0      | 1.3    | 7.5                  | 5.6     | 4.3        | 67.3  |
| 2018 | 18.9  | 18.2| 18.6    | 2.3     | 1.9       | 2.0      | 1.2    | 7.2                  | 5.6     | 4.3        | 67.4  |
peripheral area around it, including the states with less stable trade relations.

3. Japan has formed the stable international cooperative zone with ten States in it. Though, cooperative relations of the country are concentrated on the neighboring countries. It proves the strong integration of the Japanese economy with the economies of Asia Pacific countries. Meanwhile, there are no stable cooperative relations with the other countries. Germany is the only country of the European Union that is sustainably involved into the Japanese trade turnover.

4. The international economic relations of Japan are of dual model and concentrated on the two main partners: China and the USA, and several “additional”.

5. As for the perspectives of the Japanese-Russian trade relation development there is a certain cooperative potential that is not in effect because of various reasons.

REFERENCES

[1] A. Smith, “Isledovanie o prirode i prichinakh bogatstva narodov.”, Book IV “O sistemakh politicheskih ekonomii”, Moscow, 1935, 542 p.

[2] A. V. Khokhlov, “Spravochnik po geografii morovogo khozyaistva”, Moscow: VLANT, 2016, issue 1, 368 p.

[3] “Ob osnovakh gosudarstvennogo regulirovaniya vneshtorgovoi deyatelnosti”, Federalnyi zakon ot 08.12.2003, no. 164-FZ (30.11.2013) [Electronic resource]. Available at: http://www.consultant.ru/document/cons_doc_LAW_45397.

[4] “Rossiya i srani mira”. 2016, Stat.shb., Rostat, Moscow, 2016, 652 p.

[5] M. Z. Gibadullin and V. V. Khomenko, “Rossiski region v sisteme globalnogo kooperacionnogo vzaimodeistviya”, Kazan: FEN, 2011, 189 p.

[6] R. Acharya, P. Sharma, and S. Rao, “Canada U.S. Trade and Foreign Direct Investment Patterns”, North American Linkages: Opportunities and Challenges for Canada, Calgary, AB: University of Calgary Press, 2003, pp. 13–88.

[7] M. Andresen, “Canada–United States interregional trade: quasi-points and spatial change”, The Canadian Geographer, 2010, vol. 54, issue 2, pp. 139–157.

[8] M. Andresen, "Canada–U.S. Intergional Trade, 1989–2001", Canadian Journal of Regional Science, 2009, XXXII: 2, pp. 187–202.

[9] M. Z. Gibadullin, E. P. Fazlieva, and A. R. Nurieva, “Stability of Interregional Trade and Economic Relations as the Factor of Competitiveness of Territories World Applied Sciences”, Journal, 2014, 29 (4), pp. 501–505.

[10] M. Z. Gibadullin, E. P. Fazlieva, A. R. Nurieva, and L. L. Grigoryeva, "Territorial Aspects of Migration Processes in Russia", Mediterranean Journal of Social Sciences, 2014, vol. 5, no. 12, pp. 93–96.

[11] S. Lund and et al., “The new dynamics of financial globalization”, McKinsey Global Institute, August, 2017 [Electronic resource]. Available at: https://www.mckinsey.com/industries/financial-services/our-insights/the-new-dynamics-of-financial-globalization.

[12] M. Mashayekhi, A. Bruno and eds., "Services and structural transformation for development", Geneva: United Nations Conference on Trade and Development, 2017.

[13] M. Jean-Frédéric, J. Pauwelyn, and J. Holloway, “The trade regime as a complex adaptive system: Exploration and exploitation of environmental norms in trade agreements”, Journal of International Economic Law, 2017, vol. 20, issue 2, pp. 365–390.

[14] Joel A. Thornton and et al., “Lightning enhancement over major oceanic shipping lanes”, Geophysical Research Letters, 2017, vol. 44, pp. 9102–9111.

[15] International Monetary Fund (IMF), “Box 4: Trade Tensions – Updated Scenario” in World Economic Outlook, Washington, D.C.

[16] International Monetary Fund (IMF), “Regional Economic Outlook: Asia and Pacific, The Evolving Role of Trade in Asia: Opening a New Chapter”, October, Washington, D.C., 2018b, no. 2.

[17] International Monetary Fund (IMF), "Scenario Box 1: Global Trade Tensions" in World Economic Outlook, October 2018: Challenges to Steady Growth, October, Washington, D.C., 2018a.

[18] B. Klingner and R. Walters, “The U.S. Must Limit Damage from the Japan-South Korea Trade Dispute”, World Trade Dispute, Washington, DC: The Heritage Foundation, 7 August, 2019 [Electronic resource]. Available at: https://www.heritage.org/asia/report/the-us-must-limit-damage-the-japan-south-korea-trade-dispute; and K. Furukawa and D. Sneider, “Japan Has More to Gain Than to Lose from Its Export Controls on South Korea”, Washington, DC Center for Strategic and International Studies, 24 September, 2019 [Electronic resource]. Available at: https://www.csis.org/analysis/resolved-japan-has-more-gain-lose-its-export-controls-south-korea (Accessed: 25 August 2019).

[19] M. Yuda and K. Sharma, “16 Asia-Pacific Nations fail to seal RCEP trade deal”, Nikkei Asian Review, 4 November 2019 [Electronic resource]. Available at: https://asia.nikkei.com/Politics/International-relations/16-Asia-Pacific-nations-fail-to-seal-RCEP-trade-deal (Accessed: 17 December 2019).

[20] M. Solís and S. Urata, “Abenomics and Japan’s Trade Policy in a New Era”, Asian Economic Policy Review 13, January, 2018, no. 1, pp. 106-23; Andrei Lungu, “Japan and Europe’s Triple Partnership”, The Diplomat, 14 February, 2019 [Electronic resource]. Available at: https://thediplomat.com/2019/02/japan-and-europes-triplepartnership/ (Accessed: 07 November 2019)

[21] Economic relations of Japan with the developing economies within Asia Pacific (Accessed: 28 September 2019).

[22] O. V. Martynova and Y. S. Valeeva, “Development typology for retail networks in the Russian Federation”, Mediterranean Journal of Social Sciences, 2015, 6 (1S3), pp. 155–158.

[23] N. Sharafutdinova and J. Valeeva, “Quality management system as a tool for intensive development of trade organizations”, Mediterranean Journal of Social Sciences, 2015, 6 (1S3), pp. 155–158.