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1. // . - 2017. - 2. - . 121-129.
2. - // . - 2014. - 3. - . 83-94.
3. ,, : , 2011. - 192 .
4. ,, : , 2016. - 216 .
5. ,, : , 2010. - 272 .
6. // . - 2010. - 9. - . 63-77.
7. ,, : , 2003. - 520 .
8. // : . - 2016. - 4 (92). - . 69-86.
9. / . - : , 1984. - 816 .

---

10. : - / .  
 , 2004. – 616 .

11. *Shekhovtseva L.S., Chernyshkov P.P.* Objectives and institutions of regional development: interdisciplinary methodology // International Journal of Economics and Financial Issues. – 2015. – Vol. 5. – P. 19–24.

( , ) –  
(236041, , , 14,  
e-mail: shehovce47@mail.ru).

DOI: 10.15372/REG20180102

*Region: Economics & Sociology, 2018, No. 1 (97), p. 32–51*

**L.S. Shekhovtseva**

## **MULTIDIMENSIONAL STRUCTURING OF INSTITUTIONAL MAINTENANCE OF REGION'S SPATIAL DEVELOPMENT: PRINCIPLES AND METHODOLOGY**

*The research justifies principles and a methodology of the multidimensional structuring of institutional maintenance of region's social and economic development as a federal subject. It generalizes problems and trends of modern development affecting the structure of institutional maintenance. We compose a new approach to institutional maintenance ordering, which proves multidimensional characteristics of an institutional system across space and time. The article marks out elements of institutional maintenance (aims, institutions, mechanisms, and evaluations of results) and defines related concepts. Structuring principles are developed that consider management levels, territorial and sectoral aspects of the economy, a combination of strategic and tactical decisions, elements of a regional system, etc. The research methodology relies on a complex of approaches: subject-functional, system, organizational, strategic, and interdisciplinary. We design parameters for a multidimensional structural model of region's institutional system and examine their interrelations. The article contains recommendations on how to use this model to create an information retrieval system.*

**Keywords:** institutions; multidimensional structuring; development; region; principles; methodology; modelling; federation; the interstate union

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## References

1. *Batov, G.Kh.* (2017). Strategicheskoe planirovanie v sisteme strategicheskogo upravleniya [Strategic planning in the regional management system]. *Vestnik Instituta ekonomiki RAN* [Journal of the Institute of Economics RAS], 2, 121–129.
2. *Gligich-Zolotareva, M.V.* (2014). Starye problemy i novye podkhody k strategicheskomu planirovaniyu v Rossii [Old problems and new approaches to strategic planning in Russia]. *Federalizm* [Federalism], 3, 83–94.
3. *Evstigneeva, L.P. & R.N. Evstigneev.* (2011). *Novye grani mentalnosti: sinergeticheskiy podkhod* [New Sides of Mentality. A Synergetic Approach]. Moscow, Lenand Publ., 192.
4. *Evstigneeva, L.P. & R.N. Evstigneev.* (2016). *Strategiya ekonomicheskogo razvitiya Rossii: teoreticheskiy aspekt* [The Strategy of Russia's Economic Development: A Theoretical Aspect]. Moscow, Lenand Publ., 216.
5. *Evstigneeva, L.P. & R.N. Evstigneev.* (2010). *Ekonomika kak sinergeticheskaya sistema* [Economy as a Synergetic System]. Moscow, Lenand Publ., 272.
6. *Inshakov, I. & D. Frolov.* (2010). *Evolyutsionnaya perspektiva ekonomicheskogo institutsionalizma* [Economic institutionalism: An evolutionary perspective]. *Voprosy ekonomiki* [Problems of Economics], 9, 63–77.
7. *Lopatnikov, L.I.* (2003). *Ekonomiko-matematicheskii slovar: Slovar sovremennoy ekonomicheskoy nauki* [Economic-Mathematic Dictionary. Dictionary of Modern Economic Science]. Moscow, Delo Publ., 520.
8. *Nefedkin, V.I.* (2016). *Eksterritorialnoe i lokalnoe v kontekste regionalnogo razvitiya* [The extraterritorial and the local in regional development]. *Region: ekonomika i sotsiologiya* [Region: Economics and Sociology], 4 (92), 69–86.
9. *Ozhegov, S.I. & N.Yu. Shvedova* (Ed.). (1984). *Slovar russkogo yazyka* [Dictionary of the Russian Language]. Moscow, Russkiy Yazyk Publ., 816.
10. *Volkova, V.N. & V.N. Kozlov* (Eds.). (2004). *Sistemnyy analiz i prinyatie resheniy: Slovar-spravochnik* [Systems Analysis and Decision Making: Reference book]. Moscow, Vysshaya Shkola Publ., 616.
11. *Shekhovtseva, L.S. & P.P. Chernyshkov.* (2015). Objectives and institutions of regional development: interdisciplinary methodology. *International Journal of Economics and Financial Issues*, 5, 19–24.

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20.11.2017 .

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