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Яковлева Е. В., Терентьева А. Р. Формирование подхода к исследованию экономической надежности интеллектуальной

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FORMATION OF APPROACH TO RESEARCH OF ECONOMIC RELIABILITY OF INTELLECTUAL INFRASTRUCTURE OF TECHNOLOGICAL DEVELOPMENT OF INDUSTRIAL ENTERPRISES

One way to ensure the economic reliability of industrial enterprises in modern conditions of digitalization of the economy is to form mechanisms of economic reliability of intellectual infrastructure of technological development of industrial enterprises, which are adequate to these conditions.

The work presents the results of the study aimed at justifying and choosing a methodological approach to the formation of mechanisms of economic reliability of the intellectual infrastructure of technological development of industrial enterprises subject to digital transformation of business processes, which causes theoretical significance and novelty of the results obtained.

The methodological basis of the study is the popular scientific methods of classification, generalization, comparison, analysis.

Keywords: intelligent infrastructure, technological development, economic reliability, economic mechanism, industrial enterprises, digital economy, functional approach, resource approach, system approach, process approach.

References

1. Egorov V. N., Korovin D. I. Funktsional'nyy podkhod k izucheniyu ekonomicheskikh problem nadezhnosti proizvodstva [A Functional Approach to a Study of Economic Problems of Production Reliability] // *Lichnost'. Kul'tura. Obshchestvo. Lichnost'. Kul'tura. Obshchestvo*. 2003. Vol. 5, no. 3-4 (17-18). P. 9–28. (In Russ.).
2. Timofeyev R. A. Otsenka ekonomicheskoy nadezhnosti predpriyatiya na osnove ratsional'nogo upravleniya toplivno-energeticheskimi resursami [Assessment of the economic reliability of the enterprise on the basis of rational management of fuel and energy resources]. Novgorod, 2005. 28 p. (In Russ.).
3. Sulyma A. I. Formirovaniye sistemy pokazateley dlya otsenivaniya nadezhnosti deyatelnosti predpriyatiya [Formation of a system of indicators for assessing the reliability of the enterprise] // *Nauchnyy vestnik: finansy, banki, investitsii. Scientific Bulletin: Finance, Banking, Investment*. 2018. No. 3 (44). P. 94–103. (In Russ.).

4. Klimkovich N. I. K voprosu o primeneni protsessnogo podkhoda dlya organizatsiy real'nogo sektora ekonomiki [Process approach application to organization of real sector of economy] // *Nauchnyye trudy Respublikanskogo instituta vysshey shkoly. Nauchnyye Trudy Respublikanskogo Instituta Vysshey Shkoly*. 2015. No. 14. P. 324–332. (In Russ.).
5. Mamonov V. I. Printsipy sistemnogo podkhoda k rezervirovaniyu proizvodstvenno-khozyaystvennykh sistem [The principles of a systematic approach to the reservation of production and economic systems] // *Evraziyskoye Nauchnoye Ob'yedineniye. Eurasian Scientific Association*. 2015. Vol. 1, no. 3 (3). P. 70–72. (In Russ.).
6. Merkulova E. Yu. Upravleniye ekonomicheskoy nadezhnost'yu proizvodstvennykh sistem metodami diagnostiki [Management of economic reliability of production systems by diagnostic methods]. Tambov, 2007. 44 p. (In Russ.).
7. Nikulina T. V. Ponyatiye mekhanizma upravleniya v ekonomicheskoy nauke [The concept of the control mechanism in economic science] // *Nauchnyye issledovaniya: ot teorii k*

praktike. *Nauchnyye Issledovaniya: Ot Teorii k Praktike*. 2015. Vol. 2, no. 4 (5). P. 193–195. (In Russ.).

8. Gorbunov Yu. V. O ponyatii «mekhanizm» v ekonomicheskikh naukakh [On the concept of «mechanism» in the economic sciences] // *Ekonomika. Professiya. Biznes. Economics. Profession. Business*. 2018. No. 2. P. 17–21. DOI: 10.14258/201819. (In Russ.).

9. Petrov M. V. Otsenka nadezhnosti funktsionirovaniya setevoy organizatsii [Assessment of the reliability of the functioning of a network organization]. St. Petersburg, 2009. 16 p. (In Russ.).

10. Kuznetsov V. P., Kozlova E. P. O podkhode k opredeleniyu ponyatiya «mekhanizm ustoychivogo razvitiya promyshlennogo predpriyatiya» [About the approach to the definition of the concept «the mechanism of sustainable development of industrial enterprise»] // *Vestnik NGIEI. Bulletin NGIEI*. 2017. No. 10 (77). P. 100–106. (In Russ.).

11. Sukhova L. F., Glaz O. V. Ekonomicheskiy mekhanizm formirovaniya i ispol'zovaniya pribyli organizatsii: ponyatiye, sushchnost', podkhody [The economic mechanism of formation and use of the organization's profits: concept, essence, approaches] // *Vestnik Belgorodskogo universiteta kooperatsii, ekonomiki i prava. Herald of the Belgorod University of Cooperation, Economics and Law*. 2018. No. 5 (72). P. 50–58. (In Russ.).

12. Abdrakhmanova G. I., Vishnevskiy K. O., Gokhberg L. M. [et al.]. Chto takoye tsifrovaya ekonomika? Trendy, kompetentsii, izmereniye [What is a digital economy? Trends, Competencies, Measurement]. Moscow, 2019. 82 p. ISBN 978-5-7598-1974-5. (In Russ.).

13. Dykman E. S. Protsessnyy podkhod kak reshayushchiy faktor pri tsifrovoy transformatsii predpriyatiya [The process

approach as a decisive factor in digital enterprise transformation] // *Aktual'nyye problemy ekonomiki i menedzhmenta. Aktual'nyye Problemy Ekonomiki i Menedzhmenta*. 2019. No. 1 (21). P. 37–44. (In Russ.).

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