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Application of neural networks in regression analysis of regional management of digitalization of the economy

The article deals with the theoretical and practical analysis of methods of scientific research of modern socio-economic processes. The article provides a comparative analysis of traditional research methods and neural network analysis as an effective timely way to obtain qualitative results of assessing socio-economic processes, including indicators of the digital economy and the development of digitalization in the country. The authors provide prerequisites for neural network analysis of the main trends in implementation of the provisions of national program, primarily in the socio-economic sphere of the Khabarovsk territory in the digital economy development circuit. The article reveals the main advantages of neural network analysis of implementation of the national project «national program «Digital economy» in Russia as a whole, and in the Khabarovsk territory.

Keywords: *subject of the Russian Federation, digital economy, socio-economic environment of the region, neural network analysis.*

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