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DIGITAL TRANSFORMATION OF LOGISTICS SYSTEMS IN THE CONTEXT OF GLOBAL ECONOMIC INSTABILITY

The article examines the features of the digital transformation of logistics systems in the context of growing global economic instability, which is manifested through the disruption of sustainable trade relations, the complication of international transportation, the growth of geoeconomic risks and the transformation of the configuration of global supply chains. It is substantiated that modern logistics is increasingly acquiring the features of a digitally managed ecosystem, where information flows, analytical platforms and operational decision-making technologies play a key role. The main factors of digital changes in logistics are systematized, including the development of digital supply chain management platforms, the introduction of artificial intelligence and predictive analytics, the use of big data, the automation of warehouse and transport operations, as well as the expansion of e-commerce as a driver of small-batch and high-frequency deliveries. It is proven that these processes form a new architecture of logistics systems, focused on speed, adaptability and resistance to external shocks. It is substantiated that the digital transformation of logistics goes beyond technological innovations and takes on the character of a structural restructuring of supply chain management. It changes the coordination mechanisms between market participants, increases the level of transparency of operations, reduces transaction costs and ensures more effective risk management. At the same time, the emphasis is on new challenges associated with cyber threats, dependence on digital infrastructure and asymmetry of technological development between countries. Thus, the digital transformation of logistics systems is a key factor in their sustainability and competitiveness in the face of global instability, as well as an important prerequisite for the integration of national economies into modern international value chains.

Keywords: digital logistics, supply chains, international trade, digital transformation, green technologies, digital economy, digital technologies.