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THEORETICAL JUSTIFICATION FOR DEFINING THE ESSENCE OF INVESTMENT TECHNOLOGIES IN THE DECENTRALIZED FINANCE SYSTEM

The article provides a theoretical substantiation of the essence of investment technologies within the system of decentralized finance.

The modern financial architecture of the world economy is in a state of institutional transformation, which leading financiers and analysts characterize as the transition to the "Internet of Value". The practical manifestation of this trend is the systemic redistribution of investment flows, in which autonomous smart contracts become more attractive than traditional banking and exchange institutions in the value chain. As of the beginning of 2026, decentralized finance has ceased to be an experimental field for financial innovations and has become a systemically significant segment of the global capital market, which requires deep theoretical understanding. The rapid development of decentralized finance ecosystems and the emergence of new financial instruments require a review of traditional approaches to the identification and systematization of digital instruments. Given Ukraine's strategic European integration vector, the integration of domestic financial legislation with the regulatory framework of the European Union is of critical importance. Currently, there is a conceptual inconsistency in the academic environment and regulatory practice regarding the understanding of the essence and economic nature of virtual assets. Existing theoretical approaches are often unable to fully reflect the programmable and multifunctional specificity of modern digital instruments, which leads to the leveling of their investment potential and inhibits the implementation of innovative financial technologies. The lack of a single, economically justified interpretation of the mechanisms of functioning of crypto-assets complicates their safe integration into the national economy and hinders the development of a transparent financial market.

Based on a synthesis of existing scientific approaches, the author proposes original definitions for key concepts: "investment technologies", "financial technologies", and "decentralized finance". It is demonstrated that decentralized finance represents an alternative ecosystem built on public blockchains and smart contracts, which ensures the complete elimination of intermediaries. The formulated theoretical propositions establish a foundation for the further development of the

organizational and economic framework for managing investment technologies within the DeFi space.

Keywords: investment technologies, decentralized finance, financial technologies, blockchain, smart contracts, virtual assets.